

2014 Soybean Performance Results for Early Planted, Full-Season & Double-Crop Production Systems in Arkansas (Two-Year Averages)

Dr. Jeremy Ross
Extension Agronomist - Soybeans

Don Dombek
Director, Variety Testing

Joshua A. Still, *Program Technician, Variety Testing*

Richard Bond
Program Associate, Variety Testing

Dr. Terrence L. Kirkpatrick
Extension Plant Pathologist

Kimberly Rowe,
Plant Pathology Program Associate

Dr. Travis Faske
Extension Plant Pathologist

Michael Emerson
Plant Pathology Program Associate

Matthew Conatser
Arkansas State University

Hundreds of soybean varieties are commercially available to growers in Arkansas. Varietal performance, including yield, varies according to location, environmental adaptability to soils, maturity, lodging, height, disease and nematode resistance, and herbicide and chloride sensitivity. This information listed in this publication is largely derived from the University of Arkansas Division of Agriculture Soybean Performance Trials and screening programs, and is provided as an aid in variety selection.

Since proper variety selection involves knowledge of yield potential, maturity, disease reaction, herbicide sensitivity, etc., these and many other important characteristics are listed in **Tables 5, 6, 11, & 12**. Varieties are considered adapted to Arkansas conditions based primarily on their yield performance across the different geographical regions of Arkansas. The location, soil description, and cultural information for each of the 2014 soybean Early-Planted and Full-Season/Double-Crop performance trials are found in

Tables 1 and 2. All varieties listed in this publication have been tested in the University of Arkansas Division of Agriculture Soybean Performance Trials for at least two years.

Soybean variety performance may vary from year to year, and two-year averages are better predictors of performance than data from a single year. Superior performance across several locations suggests that a variety has wide adaptability, thus multi-year and multi-location yields are particularly useful for making variety selection decisions.

SOYVA, a University of Arkansas Division of Agriculture computerized variety selection program, can assist in making these field-specific variety selection decisions. Presently, **SOYVA** sorts through hundreds of adapted soybean varieties in Maturity Groups (MG) III – V, and makes variety recommendations based on responses to specific conditions described by the user. Soybean producers are encouraged to use this publication and **SOYVA** when selecting varieties for the different production systems.



Contact your local County Extension Agent for details concerning SOYVA. Additional information is available at the University of Arkansas Division of Agriculture, Cooperative Extension Service web site (<http://soyva.uaex.edu/default.asp>) under the Computer Programs link.

ADAPTED SOYBEAN VARIETIES FOR EARLY SOYBEAN PRODUCTION

Generally, varieties within MG IV are the best adapted for these early (April) plantings in Arkansas; however, there are situations where varieties from MG III and V may perform well. Recent research indicates that indeterminate MG IV varieties can produce acceptable yield when planted early (April) and will normally mature in August through mid-September. Varieties of differing relative maturity (even within the same MG) are recommended in an attempt to spread out the risk of shattering due to adverse weather conditions or mechanical problems at harvest. In Arkansas, the following designations apply to varieties representing the various MG's: III – very early maturity; IV – early maturity; and V – mid-season maturity.

ABOUT THIS PUBLICATION

Tables 1 and 2 consist of cultural information that pertains to the 2014 University of Arkansas Soybean

Performance Trials

(<http://www.arkansasvarietytesting.com>).

Tables 3, 4, 7, 8, 9, & 10 contain varietal information for 2012, 2013 and 2014.

Tables 5, 6, 11, & 12 contain the many varietal characteristics of those varieties designated as being adapted to the Arkansas soybean production environment and are grouped by MG. These adapted varieties are included in **SOYVA** and field specific variety recommendations can be obtained by utilizing this program.

Users of this publication are encouraged to review the “Key Code” page for further explanation regarding varietal rating to disease, herbicide sensitivity and other agronomic considerations.

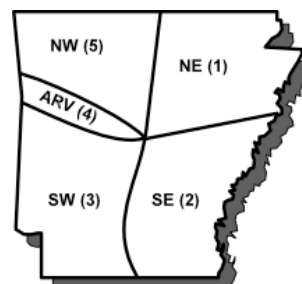


Figure 1. Area of Adaptation for Soybean Maturity Groups for All Production Systems

- Northeast Arkansas (1): Groups III, IV, or V
- Southeast Arkansas (2): Groups III, IV, or V
- Southwest Arkansas (3): Groups III, IV, or V
- Arkansas River Valley (4): Groups III, IV, or V
- Northwest Arkansas (5): Groups IV or V

Acknowledgements are extended to Bob Riggs, John Rupe, Pengyin Chen, and a host of other University of Arkansas Division of Agriculture workers for their significant contributions to this update.

Table 1. Location, Soil Description, and Cultural Information of the Early Planted Soybean Performance Trials, 2014.

| Location | Soil Description | Planting Date | Row Width | Harvest Date by MG | | | | Previous Crop |
|-----------------------------|--------------------|---------------|-----------|--------------------|---------|---------|---------|---------------|
| | | | | Early IV | Mid IV | Late IV | V | |
| Keiser – Irrigated | Sharkey clay | 4/25/14 | 38 inches | 9/23/14 | 9/29/14 | 10/1/14 | 10/6/14 | Corn |
| Poinsett County – Irrigated | Hilleman silt loam | 5/2/14 | 15 inches | 9/25/14 | 9/25/14 | 10/6/14 | 10/6/14 | Soybean |
| Rohwer – Irrigated | Desha silt loam | 5/3/14 | 38 inches | 9/5/14 | 9/5/14 | 9/23/14 | 9/23/14 | Cotton |

Table 2. Location, Soil Description, and Cultural Information of the Full-Season & Double-Crop Soybean Performance Trials, 2014.

| Location | Soil Description | Planting Date | Row Width | Harvest Date by MG | | | | | Previous Crop |
|--------------------------------|--------------------|---------------|-----------|--------------------|----------|----------|----------|----------|---------------|
| | | | | Early IV | Mid IV | Late IV | Early V | Late V | |
| Keiser – Irrigated | Sharkey clay | 5/24/14 | 38 inches | 10/1/14 | 10/5/14 | 10/19/14 | 10/19/14 | 10/20/14 | Soybean |
| Keiser – Non-irrigated | Sharkey clay | 6/4/14 | 38 inches | 9/30/14 | 9/30/14 | 10/12/14 | 10/12/14 | 10/13/14 | Soybean |
| Keiser Double Crop – Irrigated | Sharkey clay | 6/19/14 | 38 inches | 10/24/14 | 10/24/14 | 10/24/14 | 10/25/14 | 10/25/14 | Corn |
| Marianna – Irrigated | Calloway silt loam | 5/20/14 | 38 inches | 10/9/14 | • | 10/9/14 | 10/10/14 | • | Soybean |
| Stuttgart – Irrigated | Crowley silt loam | 5/21/14 | 30 inches | 10/20/14 | 10/20/14 | 10/27/14 | 11/2/14 | 11/2/14 | Rice |
| Rohwer – Irrigated | Sharkey clay | 5/21/14 | 38 inches | 9/23/14 | 9/23/14 | 9/23/14 | 9/30/14 | 10/7/14 | Grain Sorghum |
| Kibler – Irrigated | Roxanna silt loam | 6/17/14 | 36 inches | • | • | • | 10/29/14 | 10/29/14 | Soybean |

The KEY CODE for all the following tables is found on the back page. Refer to the KEY CODE for a description of the abbreviated varietal characteristics.

HOW TO MAKE YIELD COMPARISONS USING THE FOLLOWING TABLES: The LSD (0.05), Least Significant Difference, represents the minimum yield difference required between two varieties within the same location before concluding that their yields are truly different (while assuming a 5% risk that the yield differences are due to random chance.) Use only the LSD value listed below each column (location-maturity group) to compare variety yield averages among varieties within that column.

Note: “Shading” beside a variety mean indicated that there are no statistical difference between that varietal mean and the highest yielding varietal mean at the test location utilizing the appropriate LSD (0.05) value.

Table 3. Yields (bu/A) of Early- and Mid-Maturity Group IV Soybean Cultivars in the Early Planted Test at All Locations, 2014.^{1,2}

| Variety/Experimental Line | Keiser Irrig. | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Poinsett Co. Irrig. | 2-Yr ⁵ Avg | Rohwer Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt Loam Avg | All-Location Avg |
|------------------------------------------------|---------------|-----------------------|-----------------------|---------------------|-----------------------|---------------|-----------------------|-----------------------|---------------|------------------|
|bu/A..... | | | | | | | | | | |
| Early Maturity Group IV (RM 4.0 to 4.5) | | | | | | | | | | |
| Armor 44-R08 | 82.1 | 79.0 | • | 70.4 | • | 77.5 | 71.1 | 70.6 | 73.9 | 76.7 |
| Asgrow AG4232 GENRR2Y/SR | 85.0 | 81.3 | • | 79.0 | • | 71.7 | 69.7 | 68.1 | 75.3 | 78.5 |
| Dyna-Gro 39RY43 | 92.8 | 87.1 | 88.1 | 65.4 | • | 83.3 | 74.9 | 72.6 | 74.4 | 80.5 |
| MorSoy Xtra 44X82 | 86.2 | 86.7 | • | 57.5 | • | 68.6 | 64.7 | 66.2 | 63.1 | 70.8 |
| Progeny P 4211 RY | 82.1 | 82.7 | 85.9 | 58.5 | • | 79.3 | 69.6 | 69.1 | 68.9 | 73.3 |
| Progeny P 4510 RYS | 80.9 | 84.5 | 84.6 | 73.9 | • | 52.3 | 58.1 | 62.7 | 63.1 | 69.0 |
| GRAND MEAN | 83.7 | • | • | 71.6 | • | 74.9 | • | • | 73.2 | 76.7 |
| LSD (5%) | 7.0 | • | • | 10.1 | • | 8.2 | • | • | 9.1 | 8.4 |
| C.V. | 7.1 | • | • | 11.9 | • | 9.3 | • | • | 10.6 | 9.4 |
| Mid Maturity Group IV (RM 4.6 to 4.7) | | | | | | | | | | |
| Armor 47-R13 | 84.8 | • | • | 83.7 | 83.5 | 68.8 | 67.4 | 69.2 | 76.2 | 79.1 |
| Asgrow AG4632 GENRR2Y/SR | 94.0 | 85.8 | • | 87.2 | • | 80.5 | 74.0 | 72.6 | 83.8 | 87.2 |
| Croplan R2C4752S | 83.2 | • | • | 78.5 | • | 72.0 | 71.6 | • | 75.2 | 77.9 |
| Delta Grow DG4670GENRR2Y | 86.7 | 89.6 | 89.3 | 87.4 | • | 74.3 | 71.2 | 70.9 | 80.8 | 82.8 |
| Delta Grow DG4755GENRR2Y | 79.6 | • | • | 84.2 | 80.3 | 81.4 | 74.6 | 75.5 | 82.8 | 81.7 |
| Delta Grow DG4765GENRR2Y/STS | 78.5 | • | • | 85.3 | 87.3 | 67.7 | 66.2 | 67.3 | 76.5 | 77.2 |
| MorSoy Xtra 47X12 | 81.9 | • | • | 96.4 | 88.4 | 79.4 | 75.3 | 75.6 | 87.9 | 85.9 |
| Mycogen 5N478R2 | 89.2 | • | • | 94.5 | • | 81.6 | 71.4 | • | 88.0 | 88.4 |
| Progeny P 4747 RY | 77.9 | • | • | 84.2 | 79.0 | 72.1 | 69.8 | 70.0 | 78.2 | 78.1 |
| REV® 46R64™ | 81.2 | • | • | 62.7 | • | 76.6 | 69.4 | • | 69.7 | 73.5 |
| REV® 47R34™ | 89.7 | • | • | 85.9 | • | 79.1 | 75.8 | • | 82.5 | 84.9 |
| REV® 47R53™ | 90.8 | 85.1 | 86.2 | 69.2 | 69.7 | 67.8 | 62.2 | 63.9 | 68.5 | 75.9 |
| GRAND MEAN | 83.0 | • | • | 81.5 | • | 70.8 | • | • | 76.2 | 78.4 |
| LSD (5%) | 8.5 | • | • | 10.9 | • | 7.4 | • | • | 9.2 | 8.9 |
| C.V. | 8.7 | • | • | 11.4 | • | 8.9 | • | • | 10.1 | 9.6 |

2014 Soybean Update

Table 4. Yields (bu/A) of Late-Maturity Group IV and Maturity Group V Soybean Cultivars in the Early Planted Test at All Locations, 2014.^{1,2}

| Variety/Experimental Line | Keiser Irrig | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Poinsett Co. Irrig | 2-Yr ⁵ Avg | Rohwer Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt Loam Avg | All-Location Avg |
|-----------------------------------------------|--------------|-----------------------|-----------------------|--------------------|-----------------------|--------------|-----------------------|-----------------------|---------------|------------------|
|bu/A..... | | | | | | | | | | |
| Late Maturity Group IV (RM 4.8 to 4.9) | | | | | | | | | | |
| Armor 49-R56 | 89.6 | • | • | 88.8 | • | 76.1 | 67.3 | 68.8 | 82.5 | 84.8 |
| Croplan R2C4801S | 78.3 | • | • | 88.5 | • | 76.6 | 68.4 | 67.6 | 82.6 | 81.2 |
| Delta Grow DG4825GENRR2Y/STS | 85.5 | • | • | 74.6 | • | 71.0 | 65.1 | 68.5 | 72.8 | 77.0 |
| Delta Grow DG4880RR | 78.1 | 81.1 | 80.8 | 72.6 | 73.1 | 71.0 | 64.6 | 65.6 | 71.8 | 73.9 |
| Delta Grow DG4925GENRR2Y | 84.9 | • | • | 65.5 | • | 62.8 | 60.6 | 62.4 | 64.2 | 71.1 |
| Delta Grow DG4940RR | 78.9 | • | • | 92.5 | • | 66.1 | 60.4 | • | 79.3 | 79.2 |
| Delta Grow DG4970RR | 83.7 | • | • | 82.2 | • | 72.7 | 67.8 | 66.0 | 77.4 | 79.5 |
| Dyna-Gro S48R553 | 87.1 | • | • | 92.2 | • | 71.3 | 66.6 | 68.7 | 81.7 | 83.5 |
| MorSoy Xtra 48X02 | 87.1 | • | • | 94.4 | • | 75.0 | 70.2 | 70.6 | 84.7 | 85.5 |
| Progeny P 4850 RYS | 92.2 | • | • | 86.8 | • | 67.8 | 68.8 | 69.6 | 77.3 | 82.3 |
| Progeny P 4900 RY | 88.2 | • | • | 83.1 | • | 72.0 | 71.8 | 72.7 | 77.6 | 81.1 |
| REV [®] 48R22 [™] | 75.6 | 81.3 | 79.9 | 68.4 | 71.0 | 69.2 | 66.2 | 67.2 | 68.8 | 71.1 |
| REV [®] 48R44 [™] | 92.0 | • | • | 73.8 | • | 68.8 | 64.8 | • | 71.3 | 78.2 |
| REV [®] 49R94 [™] | 87.1 | • | • | 86.1 | • | 76.7 | 72.6 | • | 81.4 | 83.3 |
| USG 74B83R | 92.2 | • | • | 70.8 | • | 65.3 | 66.5 | • | 68.0 | 76.1 |
| GRAND MEAN | 82.6 | • | • | 80.7 | • | 66.8 | • | • | 73.8 | 76.7 |
| LSD (5%) | 6.9 | • | • | 9.8 | • | 7.7 | • | • | 8.7 | 8.1 |
| C.V. | 7.1 | • | • | 10.3 | • | 9.8 | • | • | 10.1 | 9.1 |
| Maturity Group V (RM 5.0 to 5.3) | | | | | | | | | | |
| Armor 50-R44 | 91.5 | • | • | 62.1 | • | 68.1 | 61.1 | • | 65.1 | 73.9 |
| Armor 51-R50 | 91.2 | 90.6 | • | 78.2 | 78.2 | 76.2 | 64.7 | 65.1 | 77.2 | 81.9 |
| LG Seeds C5122R2 | 94.1 | • | • | 76.8 | • | 68.8 | 59.2 | • | 72.8 | 79.9 |
| Progeny P 5213 RY | 88.5 | • | • | 73.5 | • | 65.6 | 58.6 | • | 69.5 | 75.9 |
| Progeny P 5333 RY | 85.0 | • | • | 71.9 | • | 72.1 | 61.4 | • | 72.0 | 76.3 |
| REV [®] 51R53 [™] | 93.1 | 90.0 | 88.8 | 73.6 | 73.6 | 67.5 | 62.5 | 64.4 | 70.5 | 78.1 |
| REV [®] 52R74 [™] | 78.8 | 81.6 | • | 56.1 | 56.1 | 64.7 | 60.2 | 63.5 | 60.4 | 66.5 |
| REV [®] 53R23 [™] | 89.0 | 92.2 | • | 64.8 | 64.8 | 58.1 | 53.5 | 59.1 | 61.4 | 70.6 |
| GRAND MEAN | 88.6 | • | • | 80.2 | • | 67.3 | • | • | 73.7 | 78.7 |
| LSD (5%) | 7.3 | • | • | 10.5 | • | 6.1 | • | • | 8.3 | 8.0 |
| C.V. | 6.9 | • | • | 11.0 | • | 7.6 | • | • | 9.3 | 8.5 |

2014 Soybean Update

Table 5. Nematode, Disease, and Chloride Sensitivity Ratings for Soybean Varieties and Strains in the Early Planted Test, 2014.⁸

| Variety/Experimental Line | Root Knot ⁹ Nematode | Soybean Cyst Nematode ¹⁰ | | | Reniform Nematode | Stem Canker | Frogeye | Chloride Reaction ¹¹ | |
|---------------------------------|------------------------------------|-------------------------------------|---|----|----------------------|-------------|---------|---------------------------------|----------|
| | | 2 | 5 | 14 | | | | 2013 | 2014 |
| Armor 44-R08 | 7 | 7 | 5 | 7 | - | 7 | 4 | Includer | Includer |
| Armor 47-R13 | 7 | 7 | 5 | 7 | 7 | 1 | 3 | Includer | Includer |
| Armor 49-R56 | 7 | 7 | 7 | 7 | - | 1 | 5 | Includer | Includer |
| Armor 50-R44 | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Includer | Includer |
| Armor 51-R50 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| Asgrow AG4232 GENRR2Y/SR | 7 | 7 | 5 | 7 | - | 1 | 5 | Includer | Includer |
| Asgrow AG4632 GENRR2Y/SR | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Croplan R2C4752S | 7 | 7 | 7 | 7 | - | 1 | 2 | Includer | Includer |
| Croplan R2C4801S | 7 | 7 | 7 | 5 | - | 1 | 3 | Includer | Includer |
| Delta Grow DG4670GENRR2Y | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Delta Grow DG4755GENRR2Y | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Delta Grow DG4765GENRR2Y/STS | 7 | 7 | 7 | 5 | 7 | 1 | 2 | Includer | Includer |
| Delta Grow DG4825GENRR2Y/STS | 7 | 7 | 5 | 5 | 7 | 1 | 6 | Mixed | Includer |
| Delta Grow DG4880RR | 7 | 5 | 5 | 5 | - | 1 | 1 | Excluder | Excluder |
| Delta Grow DG4925GENRR2Y | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Delta Grow DG4940RR | 5 | 1 | 1 | 3 | 1 | 1 | 5 | Includer | Includer |
| Delta Grow DG4970RR | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Dyna-Gro 39RY43 | 7 | 7 | 7 | 5 | - | 7 | 5 | Includer | Includer |
| Dyna-Gro S48RS53 | 7 | 7 | 7 | 5 | - | 1 | 3 | Includer | Includer |
| LG Seeds C5122R2 | 7 | 7 | 7 | 7 | 7 | 1 | 4 | Includer | Includer |
| MorSoy Xtra 44X82 | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| MorSoy Xtra 47X12 | 7 | 7 | 7 | 5 | 7 | 1 | 3 | Includer | Includer |
| MorSoy Xtra 48X02 | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Mycogen 5N478R2 | 7 | 7 | 7 | 5 | - | 1 | 1 | Includer | Includer |
| Progeny P 4211 RY | 7 | 7 | 5 | 5 | 7 | 7 | 5 | Includer | Includer |
| Progeny P 4510 RYS | 7 | 7 | 5 | 7 | 7 | 7 | 6 | Includer | Includer |
| Progeny P 4747 RY | 7 | 7 | 7 | 7 | 7 | 7 | 3 | Includer | Includer |
| Progeny P 4850 RYS | 7 | 7 | 5 | 5 | 7 | 7 | 1 | Includer | Includer |
| Progeny P 4900 RY | 7 | 7 | 7 | 5 | 7 | 3 | 6 | Excluder | Excluder |
| Progeny P 5213 RY | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Progeny P 5333 RY | 7 | 7 | 7 | 7 | 7 | 1 | 4 | Mixed | Mixed |
| REV® 46R64™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Mixed |
| REV® 47R34™ | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| REV® 47R53™ | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Mixed |
| REV® 48R22™ | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Excluder | Excluder |
| REV® 48R44™ | 7 | 7 | 7 | 5 | 7 | 1 | 1 | Includer | Includer |
| REV® 49R94™ | 7 | 7 | 7 | 5 | 7 | 3 | 1 | Excluder | Excluder |
| REV® 51R53™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Mixed |
| REV® 52R74™ | 7 | 7 | 7 | 7 | 7 | 1 | 2 | Excluder | Excluder |
| REV® 53R23™ | 3 | 7 | 7 | 5 | 7 | 1 | 4 | Excluder | Excluder |
| USG 74B83R | 7 | 7 | 7 | 3 | - | 1 | 6 | Includer | Includer |

2014 Soybean Update

Table 6. Agronomic Characteristics for Soybean Varieties and Strains in the Early Planted Test, 2014

| Variety/Experimental Line | Maturity Group | Herbicide Tolerance | STS | Metribuzin Sensitivity | Flower Color | Pubescence | Pod Color | Hilum Color | Growth Habit | Avg. ¹² Days to Maturity | Avg. ¹³ Lodging | Avg. ¹⁴ Shatter | Avg. ¹⁵ Plant Height |
|------------------------------|----------------|---------------------|-----|------------------------|--------------|------------|-----------|-------------|--------------|-------------------------------------|----------------------------|----------------------------|---------------------------------|
| Armor 44-R08 | 4.4 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 127 | 1.2 | 1.0 | 31.0 |
| Armor 47-R13 | 4.7 | RR2 | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 134 | 1.1 | 1.0 | 32.3 |
| Armor 49-R56 | 4.9 | RR2 | No | Slight | Purple | Lt Tawny | Tan | Black | Ind | 139 | 1.1 | 1.0 | 29.7 |
| Armor 50-R44 | 5.0 | RR2 | No | Moderate | • | • | • | • | • | 143 | 1.3 | 1.0 | 37.3 |
| Armor 51-R50 | 5.0 | RR2 | No | Slight | Purple | Gray | Brown | Imp Black | Ind | 146 | 1.0 | 1.0 | 28.0 |
| Asgrow AG4232 GENRR2Y/SR | 4.2 | RR2/STS | Yes | Severe | Purple | Lt Tawny | Tan | Black | Ind | 129 | 1.4 | 1.0 | 32.0 |
| Asgrow AG4632 GENRR2Y/SR | 4.6 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 134 | 1.2 | 1.0 | 34.3 |
| Croplan R2C4752S | 4.7 | RR2 | Yes | Moderate | Purple | Gray | tan | Imp Black | Ind | 134 | 1.0 | 1.0 | 34.0 |
| Croplan R2C4801S | 4.8 | RR2 | Yes | Slight | Purple | Lt Tawny | | Black | Ind | 137 | 1.6 | 1.0 | 32.7 |
| Delta Grow DG4670GENRR2Y | 4.6 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 134 | 1.2 | 1.0 | 32.3 |
| Delta Grow DG4755GENRR2Y | 4.7 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 133 | 1.0 | 1.0 | 32.7 |
| Delta Grow DG4765GENRR2Y/STS | 4.7 | RR2/STS | Yes | Moderate | Purple | Gray | Tan | Imp Black | Ind | 133 | 1.0 | 1.0 | 35.3 |
| Delta Grow DG4825GENRR2Y/STS | 4.8 | RR2/STS | Yes | Slight | White | Lt Tawny | Tan | Black | Ind | 140 | 1.6 | 1.0 | 29.7 |
| Delta Grow DG4880RR | 4.8 | RR1 | No | Moderate | White | Tawny | Brown | Black | Ind | 141 | 2.4 | 1.0 | 33.0 |
| Delta Grow DG4925GENRR2Y | 4.9 | RR2 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 137 | 1.9 | 1.0 | 35.0 |
| Delta Grow DG4940RR | 4.9 | RR1 | No | Slight | Purple | Tawny | | Black | Ind | 144 | 2.3 | 1.0 | 33.7 |
| Delta Grow DG4970RR | 4.9 | RR1 | No | Slight | Purple | Lt Tawny | Brown | black | Ind | 142 | 3.2 | 1.0 | 37.7 |
| Dyna-Gro 39RY43 | 4.3 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 129 | 1.1 | 1.0 | 31.7 |
| Dyna-Gro S48RS53 | 4.8 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 137 | 1.2 | 1.0 | 32.0 |
| LG Seeds C5122R2 | 5.1 | RR2 | No | Moderate | Purple | Lt Tawny | . | Black | Ind | 141 | 1.2 | 1.0 | 35.3 |
| MorSoy Xtra 44X82 | 4.4 | RR2 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 128 | 1.0 | 1.0 | 31.7 |
| MorSoy Xtra 47X12 | 4.7 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 135 | 1.0 | 1.0 | 33.3 |
| MorSoy Xtra 48X02 | 4.8 | RR2 | No | Tolerant | Purple | Lt Tawny | Brown | Black | Ind | 138 | 1.6 | 1.0 | 35.0 |
| Mycogen 5N478R2 | 4.7 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 133 | 1.1 | 1.0 | 36.3 |
| Progeny P 4211 RY | 4.2 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 128 | 1.1 | 1.0 | 29.3 |
| Progeny P 4510 RYS | 4.5 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Tan | Black | Ind | 131 | 1.0 | 1.0 | 32.0 |
| Progeny P 4747 RY | 4.7 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 133 | 1.0 | 1.0 | 33.3 |
| Progeny P 4850 RYS | 4.8 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 137 | 1.3 | 1.0 | 33.3 |
| Progeny P 4900 RY | 4.9 | RR2 | No | Slight | Purple | Lt Tawny | Tan | Black | Ind | 141 | 1.1 | 1.0 | 27.0 |
| Progeny P 5213 RY | 5.2 | RR2 | No | Severe | Purple | Lt Tawny | • | Black | Ind | 141 | 1.3 | 1.0 | 36.0 |
| Progeny P 5333 RY | 5.3 | RR2 | No | Slight | White | Gray | • | Buff | Det | 148 | 1.2 | 1.0 | 27.0 |
| REV® 46R64™ | 4.6 | RR1 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 131 | 1.1 | 1.0 | 32.7 |
| REV® 47R34™ | 4.7 | RR1 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 134 | 1.3 | 1.0 | 32.3 |
| REV® 47R53™ | 4.7 | RR1 | No | Slight | Purple | Tawny | Brown | Black | Ind | 130 | 1.7 | 1.0 | 32.7 |
| REV® 48R22™ | 4.8 | RR1 | No | Slight | White | Lt Tawny | Brown | Black | Ind | 136 | 1.8 | 1.0 | 28.7 |
| REV® 48R44™ | 4.8 | RR1 | No | Slight | White | Lt Tawny | Brown | Black | Ind | 139 | 1.5 | 1.0 | 30.7 |
| REV® 49R94™ | 4.9 | RR1 | No | Slight | Purple | Tawny | Brown | Black | Ind | 139 | 1.5 | 1.0 | 31.7 |
| REV® 51R53™ | 5.1 | RR1 | No | Tolerant | Purple | Lt Tawny | Tan | Black | Ind | 144 | 1.1 | 1.0 | 32.3 |
| REV® 52R74™ | 5.2 | RR1 | No | Tolerant | White | Lt Tawny | Tan | Black | Ind | 142 | 1.4 | 1.0 | 30.3 |
| REV® 53R23™ | 5.3 | RR1 | No | Slight | White | Tawny | Brown | Brown | Det | 146 | 1.0 | 1.0 | 25.7 |
| USG 74B83R | 4.8 | RR2/STS | Yes | Slight | White | Lt Tawny | • | Black | Ind | 139 | 1.4 | 1.0 | 30.0 |

2014 Soybean Update

Table 7. Yields of Early- and Mid-Maturity Group IV Soybean Varieties and Strains in the Full-Season and Double-Crop Planted Test at All Locations, 2014.¹

| Variety/Experimental Line | Keiser Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Keiser Non-Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Ag | Keiser DC Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Marianna ¹⁶ Irrig. | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Stuttgart Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Rohwer Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Kibler ¹⁷ Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt loam ¹⁸ Avg | Clay ¹⁹ Avg | All-Location Avg | | |
|------------------------------------------------|---------------|-----------------------|-----------------------|------------------|-----------------------|----------------------|-----------------|-----------------------|-----------------------|-------------------------------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|------------------------|------------------|------|------|
| bu/A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Early Maturity Group IV (RM 4.0 to 4.5) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Armor 43-R43 | 73.3 | 76.4 | • | 54.4 | 52.2 | • | 57.9 | 58.2 | • | 67.4 | • | • | 66.3 | 72.2 | • | 63.2 | 56.0 | • | • | • | • | • | • | 66.9 | 62.2 | 63.8 |
| Armor 44-R08 | 76.7 | 79.2 | 81.1 | 52.4 | 53.4 | 52.2 | 67.6 | 71.3 | 70.9 | 61.9 | 62.5 | • | 70.4 | 75.5 | 75.8 | 72.6 | 62.6 | 58.7 | • | • | • | • | • | 66.2 | 67.3 | 66.9 |
| Dyna-Gro 31RY45 | 79.2 | 78.3 | 81.0 | 54.2 | 56.6 | 54.1 | 74.2 | 72.4 | 71.5 | 71.0 | 69.2 | • | 74.9 | 78.2 | 77.3 | 68.9 | 63.0 | 59.4 | • | • | • | • | • | 73.0 | 69.1 | 70.4 |
| Dyna-Gro 39RY43 | 74.1 | 75.2 | 79.8 | 52.5 | 51.9 | 51.8 | 61.5 | 62.2 | 63.3 | 47.8 | 50.6 | • | 69.5 | 73.9 | 76.8 | 66.3 | 61.0 | 58.1 | • | • | • | • | • | 58.6 | 63.6 | 61.9 |
| HALO 4:40 | 73.0 | 73.3 | • | 55.4 | 51.5 | • | 64.3 | 67.6 | • | 52.6 | • | • | 69.7 | 69.3 | • | 66.4 | 56.9 | • | • | • | • | • | • | 61.1 | 64.8 | 63.6 |
| MorSoy Xtra 44X82 | 73.4 | 74.6 | 78.7 | 50.0 | 48.1 | 45.7 | 67.0 | 64.3 | 64.8 | 71.0 | 61.8 | • | 64.6 | 69.6 | 73.0 | 63.8 | 58.9 | 58.0 | • | • | • | • | • | 67.8 | 63.6 | 65.0 |
| Mycogen 5N451R2 | 82.9 | 81.9 | • | 57.9 | 53.9 | • | 75.1 | 72.3 | • | 58.0 | • | • | 75.4 | 78.0 | • | 74.7 | 69.8 | • | • | • | • | • | • | 66.7 | 72.7 | 70.7 |
| NK S43-K1 Brand | 70.1 | 71.3 | • | 48.2 | 42.5 | • | 61.5 | 63.0 | • | 67.6 | • | • | 68.0 | 73.1 | • | 71.3 | 60.1 | • | • | • | • | • | • | 67.8 | 62.8 | 64.4 |
| NK S45-V8 Brand | 68.0 | 69.6 | • | 53.8 | 53.9 | • | 65.7 | 67.0 | • | 65.9 | • | • | 64.2 | 71.2 | • | 59.7 | 54.9 | • | • | • | • | • | • | 65.0 | 61.8 | 62.9 |
| Progeny P 4211 RY | 75.9 | 76.2 | 79.2 | 52.7 | 56.1 | 53.5 | 65.2 | 63.0 | 63.8 | 63.8 | 57.9 | • | 72.6 | 76.2 | 77.4 | 66.5 | 55.8 | 53.8 | • | • | • | • | • | 68.2 | 65.1 | 66.1 |
| Progeny P 4510 RYS | 68.7 | 73.6 | 75.3 | 53.6 | 53.3 | 51.3 | 61.3 | 60.1 | 60.5 | 49.3 | 54.3 | 55.3 | 61.0 | 71.5 | 73.6 | 61.5 | 56.9 | 55.4 | • | • | • | • | • | 55.1 | 61.3 | 59.2 |
| Progeny P 4560 LL | 69.1 | 72.1 | • | 43.9 | 47.1 | • | 61.8 | 65.3 | • | 43.9 | • | • | 61.5 | 63.6 | • | 62.5 | 57.5 | • | • | • | • | • | • | 52.7 | 59.3 | 57.1 |
| GRAND MEAN | 72.9 | • | • | 52.0 | • | • | 65.0 | • | • | 60.5 | • | • | 67.4 | • | • | 66.7 | • | • | • | • | • | • | • | 64.0 | 64.2 | 64.1 |
| LSD (5%) | 5.1 | • | • | 7.1 | • | • | 7.0 | • | • | 10.7 | • | • | 3.0 | • | • | 4.0 | • | • | • | • | • | • | • | 6.8 | 5.8 | 6.2 |
| C.V. | 5.9 | • | • | 10.0 | • | • | 9.1 | • | • | 12.9 | • | • | 3.8 | • | • | 5.1 | • | • | • | • | • | • | • | 8.4 | 7.6 | 7.8 |
| Mid Maturity Group IV (RM 4.6 to 4.7) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Armor 46-R65 | 72.4 | 74.4 | • | 53.5 | 54.1 | • | 79.0 | 73.9 | • | • | • | • | 68.6 | 74.4 | • | 67.5 | 63.4 | • | • | • | • | • | • | 68.1 | 68.2 | |
| Armor 47-R13 | 80.3 | 77.1 | 79.9 | 64.4 | 60.5 | 58.1 | 72.0 | 72.9 | 74.2 | • | • | • | 67.8 | 73.8 | 73.8 | 64.0 | 64.4 | 57.3 | • | • | • | • | • | 70.2 | 69.7 | |
| Armor X47C | 69.8 | 70.0 | • | 45.1 | 46.9 | • | 63.1 | 66.5 | • | • | • | • | 67.6 | 69.7 | • | 61.0 | 57.5 | • | • | • | • | • | • | 59.8 | 61.3 | |
| AgVenture AvDx-D613 | 69.7 | 75.7 | 77.7 | 57.2 | 56.8 | 56.6 | 68.5 | 67.2 | 65.3 | • | • | • | 70.8 | 73.7 | 72.8 | 71.4 | 65.3 | 60.5 | • | • | • | • | • | 66.7 | 67.5 | |
| Davis 4146RR2YS | 71.1 | 75.1 | • | 53.7 | 54.7 | • | 69.9 | 70.1 | • | • | • | • | 68.8 | 74.3 | • | 66.3 | 60.6 | • | • | • | • | • | • | • | 65.3 | 66.0 |
| Delta Grow DG4670GENRR2Y | 73.3 | 75.5 | 79.5 | 53.9 | 54.5 | 51.5 | 72.7 | 71.8 | 69.4 | • | • | • | 72.1 | 75.7 | 76.8 | 68.5 | 65.5 | 61.4 | • | • | • | • | • | • | 67.1 | 68.1 |
| Delta Grow DG4755GENRR2Y | 74.9 | 76.0 | 76.1 | 56.0 | 55.8 | 54.6 | 66.1 | 66.3 | 66.4 | • | • | • | 69.2 | 74.1 | 76.1 | 70.7 | 64.1 | 59.4 | • | • | • | • | • | • | 66.9 | 67.4 |
| Delta Grow DG4765GENRR2Y/STS | 73.8 | 75.1 | 78.0 | 64.1 | 59.2 | 57.5 | 67.6 | 66.3 | 69.3 | • | • | • | 65.5 | 75.9 | 76.9 | 63.3 | 62.0 | 58.5 | • | • | • | • | • | • | 67.2 | 66.9 |
| Dyna-Gro S47RY13 | 73.3 | 73.5 | 74.6 | 56.8 | 53.8 | 51.9 | 73.1 | 65.4 | 66.4 | • | • | • | 67.9 | 71.5 | 73.7 | 71.7 | 67.3 | 60.0 | • | • | • | • | • | • | 68.7 | 68.5 |
| Eagle Seed ES4777RR | 68.2 | 72.3 | 75.2 | 54.2 | 50.8 | 51.5 | 68.4 | 64.6 | 67.5 | • | • | • | 69.1 | 75.3 | 75.7 | 63.1 | 59.4 | 56.9 | • | • | • | • | • | • | 63.5 | 64.6 |
| HBK LL4650 | 68.4 | 71.5 | • | 44.8 | 48.6 | • | 66.9 | 68.1 | • | • | • | • | 59.7 | 63.1 | • | 58.7 | 57.4 | • | • | • | • | • | • | • | 59.7 | 59.7 |
| HBK LL4653 | 66.2 | 70.0 | • | 53.3 | 50.7 | • | 63.9 | 63.5 | • | • | • | • | 62.7 | 63.7 | • | 62.2 | 56.8 | • | • | • | • | • | • | • | 61.4 | 61.6 |
| HBK RY4620 | 61.3 | 68.7 | 72.4 | 49.2 | 52.0 | 50.2 | 67.3 | 62.5 | 62.6 | • | • | • | 57.6 | 69.3 | 73.0 | 58.8 | 55.7 | 58.1 | • | • | • | • | • | • | 59.2 | 58.9 |
| HBK RY4721 | 70.0 | 71.3 | 74.9 | 53.3 | 54.7 | 52.0 | 63.1 | 64.2 | 65.2 | • | • | • | 60.0 | 65.5 | 67.2 | 62.7 | 62.6 | 57.8 | • | • | • | • | • | • | 62.3 | 61.8 |
| MorSoy Xtra 47X12 | 75.2 | 73.8 | 77.0 | 60.8 | 56.0 | 55.9 | 75.9 | 72.6 | 71.8 | • | • | • | 67.1 | 75.2 | 74.8 | 64.6 | 65.3 | 60.4 | • | • | • | • | • | • | 69.1 | 68.7 |
| MPG 4714 | 66.1 | 67.4 | • | 52.9 | 51.8 | • | 64.5 | 61.0 | • | • | • | • | 65.3 | 68.2 | • | 58.0 | 55.9 | • | • | • | • | • | • | • | 60.4 | 61.4 |
| Mycogen 5N478R2 | 73.5 | 74.8 | • | 50.8 | 52.8 | • | 73.2 | 71.0 | • | • | • | • | 62.9 | 67.7 | • | 66.9 | 65.8 | • | • | • | • | • | • | • | 66.1 | 65.4 |
| NK S46-L2 Brand | 69.4 | 74.0 | • | 46.7 | 51.4 | • | 62.6 | 62.8 | • | • | • | • | 61.0 | 66.1 | • | 61.2 | 60.4 | • | • | • | • | • | • | • | 60.0 | 60.2 |
| Pioneer P47T36R | 78.0 | 79.7 | • | 50.4 | 47.1 | • | 69.4 | 62.6 | • | • | • | • | 74.5 | 76.5 | • | 75.5 | 69.9 | • | • | • | • | • | • | • | 68.3 | 69.6 |
| Progeny P 4613 RYS | 73.3 | 74.4 | • | 48.6 | 50.5 | • | 68.5 | 69.3 | • | • | • | • | 70.4 | 74.7 | • | 65.3 | 60.8 | • | • | • | • | • | • | • | 63.9 | 65.2 |
| Progeny P 4747 RY | 70.6 | 71.9 | 73.3 | 58.9 | 57.6 | 55.5 | 68.7 | 70.1 | 70.7 | • | • | • | 68.6 | 73.6 | 75.1 | 64.9 | 61.3 | 57.7 | • | • | • | • | • | • | 65.8 | 66.3 |
| R08-2797 | 60.6 | 62.1 | • | 49.8 | 48.3 | • | 53.6 | 56.4 | • | • | • | • | 64.0 | 68.5 | • | 52.8 | 53.3 | • | • | • | • | • | • | • | 54.2 | 56.2 |
| REV@ 46R64 TM | 69.3 | 74.7 | • | 56.0 | 53.6 | • | 73.0 | 68.6 | • | • | • | • | 66.1 | 72.4 | • | 61.5 | 58.4 | • | • | • | • | • | • | • | 65.0 | 65.2 |
| REV@ 47R34 TM | 71.1 | 75.8 | • | 62.0 | 57.6 | • | 75.1 | 70.2 | • | • | • | • | 74.6 | 78.2 | • | 71.0 | 66.1 | • | • | • | • | • | • | • | 69.8 | 70.7 |
| REV@ 47R53 TM | 71.4 | 76.7 | 76.3 | 58.1 | 55.6 | 55.3 | 75.4 | 67.6 | 68.5 | • | • | • | 70.7 | 72.4 | 72.6 | 69.8 | 65.4 | 59.0 | • | • | • | • | • | • | 68.7 | 69.1 |
| Willcross WX2464NS | 77.1 | 77.6 | • | 54.0 | 55.0 | • | 72.5 | 67.3 | • | • | • | • | 69.3 | 75.6 | • | 67.7 | 59.0 | • | • | • | • | • | • | • | 67.8 | 68.1 |
| GRAND MEAN | 70.4 | • | • | 53.5 | • | • | 69.2 | • | • | • | • | • | 67.5 | • | • | 64.8 | • | • | • | • | • | • | • | • | 64.5 | 65.1 |
| LSD (5%) | 5.2 | • | • | 6.0 | • | • | 6.8 | • | • | • | • | • | 3.3 | • | • | 5.0 | • | • | • | • | • | • | • | • | 5.7 | 5.3 |
| C.V. | 6.3 | • | • | 8.2 | • | • | 7.3 | • | • | • | • | • | 4.2 | • | • | 6.6 | • | • | • | • | • | • | • | • | 7.1 | 6.5 |

2014 Soybean Update

Table 8. Yields of Late-Maturity Group IV Soybean Varieties and Strains in the Full-Season and Double-Crop Planted Test at All Locations, 2014.¹

| Variety/Experimental Line | Keiser Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Keiser Non-Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Ag | Keiser DC Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Marianna ¹ ₆ Irrig. | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Stuttgart Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Rohwe r Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Kibler ¹ ₇ Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt loam ¹⁸ Avg | Clay ¹⁹ Avg | All-Location Avg | |
|-----------------------------------------------|---------------|-----------------------|-----------------------|------------------|-----------------------|----------------------|-----------------|-----------------------|-----------------------|-------------------------------------------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|----------------|-----------------------|-----------------------|-----------------------------------------|-----------------------|-----------------------|-----------------------------|------------------------|------------------|------|
| bu/A..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| Late Maturity Group IV (RM 4.8 to 4.9) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Armor 48-R66 | 61.8 | 69.2 | • | 56.5 | 55.7 | • | 72.3 | 66.8 | • | 64.5 | • | • | 60.0 | 72.0 | • | 64.6 | 61.6 | • | • | • | • | • | 62.3 | 63.8 | 63.3 |
| Armor 49-C3 | 69.4 | 71.3 | 75.4 | 55.4 | 52.3 | 55.6 | 72.3 | 72.3 | 68.9 | 68.3 | 71.0 | • | 69.3 | 69.7 | 72.2 | 65.2 | 60.5 | 60.0 | • | • | • | • | 68.8 | 65.6 | 66.7 |
| Armor 49-R56 | 76.8 | 81.2 | 83.9 | 55.1 | 55.2 | 53.6 | 74.2 | 67.8 | 65.6 | 75.3 | • | • | 65.5 | 71.1 | 75.5 | 66.5 | 64.4 | 62.0 | • | • | • | • | 70.4 | 68.2 | 68.9 |
| Armor X48C | 70.7 | 73.5 | • | 57.9 | 53.4 | • | 75.1 | 71.3 | • | 70.5 | • | • | 67.6 | 69.4 | • | 68.6 | 59.6 | • | • | • | • | • | 69.0 | 68.1 | 68.4 |
| Armor X49C | 62.5 | 69.1 | • | 53.1 | 55.2 | • | 73.9 | 71.9 | • | 57.1 | • | • | 56.8 | 61.4 | • | 61.8 | 63.0 | • | • | • | • | • | 56.9 | 62.8 | 60.9 |
| Asgrow AG4934 GENRR2Y/SR | 64.8 | 71.0 | • | 55.2 | 53.8 | • | 68.7 | 64.9 | • | 60.4 | • | • | 63.4 | 75.2 | • | 61.2 | 61.3 | • | • | • | • | • | 61.9 | 62.5 | 62.3 |
| Davis 4148RR2YS | 70.7 | 73.9 | 74.8 | 54.6 | 54.7 | 53.0 | 75.5 | 69.2 | 68.5 | 64.2 | 69.4 | • | 61.3 | 68.8 | 72.2 | 65.1 | 63.1 | 55.5 | • | • | • | • | 62.7 | 66.5 | 65.2 |
| Delta Grow DG4825GENRR2Y/STS | 66.5 | 71.5 | 73.5 | 55.2 | 51.5 | 52.0 | 72.4 | 66.2 | 65.4 | 67.1 | 69.7 | • | 63.8 | 70.2 | 72.9 | 66.9 | 64.1 | 57.9 | • | • | • | • | 65.5 | 65.2 | 65.3 |
| Delta Grow DG4867LL | 68.0 | 69.4 | 70.5 | 50.0 | 46.2 | 44.7 | 73.3 | 72.2 | 70.9 | 42.2 | 47.9 | • | 65.2 | 64.9 | 67.1 | 64.9 | 60.1 | 54.3 | • | • | • | • | 53.7 | 64.1 | 60.6 |
| Delta Grow DG4880RR | 67.1 | 69.2 | 72.6 | 50.1 | 51.8 | 53.5 | 65.9 | 68.5 | 68.3 | 55.3 | 58.3 | 57.7 | 66.4 | 65.3 | 68.0 | 63.4 | 63.5 | 58.8 | • | • | • | • | 60.8 | 61.6 | 61.4 |
| Delta Grow DG4925GENRR2Y | 69.6 | 71.1 | 74.5 | 51.0 | 49.7 | 48.3 | 67.4 | 58.8 | 59.6 | 67.9 | 67.4 | • | 57.2 | 68.4 | 70.3 | 58.4 | 59.5 | 55.2 | • | • | • | • | 62.5 | 61.6 | 61.9 |
| Delta Grow DG4940RR | 64.6 | 69.4 | • | 49.5 | 49.4 | • | 62.0 | 64.8 | • | 57.0 | • | • | 63.4 | 68.7 | • | 65.1 | 62.8 | • | • | • | • | • | 60.2 | 60.3 | 60.3 |
| Delta Grow DG4967LL | 61.3 | 66.3 | 69.8 | 53.5 | 51.5 | 54.0 | 75.7 | 73.7 | 72.5 | 84.8 | 78.2 | • | 64.3 | 68.9 | 72.4 | 70.4 | 68.6 | 62.1 | • | • | • | • | 74.5 | 65.2 | 68.3 |
| Delta Grow DG4970RR | 62.5 | 68.6 | 72.5 | 57.2 | 57.4 | 54.0 | 68.9 | 68.7 | 68.2 | 54.5 | 59.5 | 56.7 | 60.5 | 67.9 | 69.2 | 68.8 | 69.1 | 63.1 | • | • | • | • | 57.5 | 64.3 | 62.1 |
| Delta Grow DG4981LL/STS | 58.0 | 63.7 | • | 42.8 | 48.6 | • | 63.0 | 72.3 | • | 67.7 | • | • | 63.7 | 67.4 | • | 64.7 | 66.1 | • | • | • | • | • | 65.7 | 57.1 | 60.0 |
| Delta Grow DG4990LL | 64.5 | 69.7 | 72.4 | 49.2 | 49.7 | 50.9 | 71.2 | 70.1 | 68.6 | 78.7 | 68.7 | • | 62.8 | 69.2 | 71.7 | 62.9 | 61.5 | 57.7 | • | • | • | • | 70.7 | 62.0 | 64.9 |
| Dyna-Gro S48RS53 | 77.1 | 76.0 | • | 59.3 | 55.9 | • | 78.9 | 75.3 | • | 68.5 | • | • | 65.4 | 74.0 | • | 58.3 | 59.9 | • | • | • | • | • | 66.9 | 68.4 | 67.9 |
| Eagle Seed ES4998RR | 59.6 | 66.7 | 72.1 | 42.6 | 45.5 | 47.2 | 65.3 | 61.8 | 65.7 | 65.0 | 62.0 | 62.1 | 64.5 | 69.1 | 70.8 | 63.1 | 55.2 | 52.4 | • | • | • | • | 64.7 | 57.6 | 60.0 |
| HALO 4:94 | 65.5 | 69.0 | 71.4 | 49.0 | 51.6 | 54.6 | 74.8 | 72.5 | 69.5 | 67.6 | 62.4 | 56.6 | 67.2 | 71.9 | 72.6 | 62.5 | 63.0 | 58.7 | • | • | • | • | 67.4 | 63.0 | 64.4 |
| HALO 4:95 | 69.2 | 71.5 | • | 49.2 | 47.3 | • | 74.6 | 69.7 | • | 56.4 | • | • | 65.8 | 67.6 | • | 63.7 | 60.6 | • | • | • | • | • | 61.1 | 64.2 | 63.1 |
| HALO 4:97 | 56.4 | 60.6 | • | 44.1 | 45.0 | • | 68.1 | 70.3 | • | 64.0 | • | • | 63.5 | 67.9 | • | 60.7 | 60.2 | • | • | • | • | • | 63.7 | 57.3 | 59.5 |
| HBK LL4850 | 69.3 | 67.3 | • | 46.6 | 48.5 | • | 77.2 | 73.5 | • | 53.0 | • | • | 66.0 | 69.4 | • | 67.3 | 60.4 | • | • | • | • | • | 59.5 | 65.1 | 63.2 |
| HBK LL4950 | 59.6 | 66.9 | • | 53.2 | 54.2 | • | 76.8 | 79.8 | • | 78.5 | • | • | 64.0 | 69.5 | • | 72.2 | 65.5 | • | • | • | • | • | 71.2 | 65.4 | 67.4 |
| HBK LL4953 | 66.0 | 72.8 | • | 57.2 | 56.9 | • | 81.3 | 79.2 | • | 87.0 | • | • | 66.9 | 70.8 | • | 66.3 | 66.7 | • | • | • | • | • | 76.9 | 67.7 | 70.8 |
| MorSoy Xtra 48X02 | 71.4 | 74.3 | 76.1 | 57.9 | 59.6 | 56.8 | 77.8 | 72.2 | 71.0 | 69.4 | 66.8 | • | 65.5 | 72.7 | 75.6 | 77.8 | 70.0 | 63.8 | • | • | • | • | 67.5 | 71.2 | 70.0 |
| NK S49-F8 Brand | 77.0 | 76.9 | 79.2 | 56.1 | 54.9 | 54.4 | 75.5 | 68.7 | 70.3 | 81.9 | 72.4 | • | 66.6 | 72.2 | 74.0 | 70.3 | 67.8 | 63.2 | • | • | • | • | 74.3 | 69.7 | 71.2 |
| Pioneer P48T53R | 77.8 | 78.0 | • | 59.4 | 56.0 | • | 75.9 | 61.2 | • | 69.7 | • | • | 69.0 | 73.2 | • | 69.0 | 63.8 | • | • | • | • | • | 69.3 | 70.5 | 70.1 |
| Pioneer P49T97R | 71.1 | 73.9 | • | 56.9 | 54.3 | • | 72.4 | 67.2 | • | 71.3 | • | • | 69.7 | 78.1 | • | 69.9 | 65.5 | • | • | • | • | • | 70.5 | 67.6 | 68.6 |
| Progeny P 4819 LL | 64.7 | 68.3 | 69.4 | 47.0 | 46.5 | 46.8 | 69.0 | 64.3 | 65.4 | 63.7 | 61.7 | • | 64.7 | 67.4 | 69.7 | 67.9 | 63.3 | 58.7 | • | • | • | • | 64.2 | 62.2 | 62.8 |
| Progeny P 4850 RYS | 72.8 | 74.6 | 78.9 | 53.0 | 52.7 | 55.3 | 77.6 | 74.8 | 73.1 | 71.3 | 67.9 | • | 59.7 | 70.0 | 72.2 | 65.6 | 65.9 | 59.9 | • | • | • | • | 65.5 | 67.2 | 66.7 |
| Progeny P 4900 RY | 78.8 | 80.3 | 83.9 | 59.8 | 60.3 | 57.1 | 70.5 | 67.6 | 66.7 | 79.6 | 71.8 | • | 67.0 | 72.2 | 76.0 | 61.9 | 60.7 | 60.5 | • | • | • | • | 73.3 | 67.8 | 69.6 |
| Progeny P 4928 LL | 67.8 | 67.7 | 69.1 | 49.0 | 52.1 | 53.9 | 70.9 | 70.8 | 72.2 | 75.5 | 67.0 | 58.9 | 67.0 | 70.5 | 71.5 | 66.6 | 61.6 | 56.8 | • | • | • | • | 71.3 | 63.6 | 66.1 |
| Progeny P 4930 LL | 68.0 | 68.8 | • | 56.1 | 54.2 | • | 77.1 | 79.9 | • | 84.6 | • | • | 63.9 | 69.1 | • | 69.9 | 66.5 | • | • | • | • | • | 74.2 | 67.8 | 69.9 |
| R05-3239 | 67.4 | 69.7 | 73.4 | 53.9 | 50.7 | 56.1 | 79.0 | 81.9 | 79.4 | 76.0 | 69.4 | 60.9 | 68.2 | 67.4 | 70.3 | 66.9 | 64.1 | 56.7 | • | • | • | • | 72.1 | 66.8 | 68.6 |
| REV@ 48R22™ | 68.0 | 69.8 | 72.7 | 56.6 | 53.3 | 51.1 | 74.4 | 69.0 | 70.1 | 68.5 | 66.3 | 59.9 | 63.0 | 67.4 | 69.7 | 67.7 | 62.8 | 58.3 | • | • | • | • | 65.7 | 66.7 | 66.4 |
| REV@ 48R44™ | 74.2 | 78.2 | • | 56.8 | 55.8 | • | 74.6 | 72.5 | • | 74.1 | • | • | 69.4 | 75.3 | • | 68.9 | 66.4 | • | • | • | • | • | 71.7 | 68.6 | 69.7 |
| REV@ 49R94™ | 73.6 | 76.2 | • | 55.1 | 55.0 | • | 82.4 | 72.4 | • | 72.6 | • | • | 68.3 | 75.7 | • | 77.9 | 72.5 | • | • | • | • | • | 70.4 | 72.2 | 71.6 |
| USG 74B83R | 63.4 | 70.9 | • | 55.8 | 54.6 | • | 77.2 | 72.6 | • | 66.2 | • | • | 61.8 | 71.9 | • | 67.9 | 63.7 | • | • | • | • | • | 64.0 | 66.1 | 65.4 |
| Willcross RY2494NS | 67.7 | 69.4 | • | 57.7 | 56.6 | • | 78.7 | 67.2 | • | 75.4 | • | • | 61.3 | 69.6 | • | 66.3 | 62.8 | • | • | • | • | • | 68.4 | 67.6 | 67.9 |
| GRAND MEAN | 68.1 | • | • | 53.0 | • | • | 73.1 | • | • | 67.7 | • | • | 63.6 | • | • | 65.1 | • | • | • | • | • | • | 65.7 | 64.8 | 65.1 |
| LSD (5%) | 5.2 | • | • | 4.5 | • | • | 5.0 | • | • | 12.2 | • | • | 3.3 | • | • | 4.8 | • | • | • | • | • | • | 7.8 | 4.9 | 5.8 |
| C.V. | 6.5 | • | • | 6.2 | • | • | 5.9 | • | • | 13.3 | • | • | 4.5 | • | • | 6.3 | • | • | • | • | • | • | 8.9 | 6.2 | 7.1 |

2014 Soybean Update

Table 9. Yields of Early-Maturity Group V Soybean Varieties and Strains in the Full-Season and Double-Crop Planted Test at All Locations, 2014.¹

| Variety/Experimental Line | Keiser Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Keiser Non-Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Ag | Keiser DC Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Marianna ¹ Irrig. | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Stuttgart Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Rohwer Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Kibler ¹⁷ Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt loam ¹⁸ Avg | Clay ¹⁹ Avg | All-Location Avg |
|-----------------------------------------------|---------------|-----------------------|-----------------------|------------------|-----------------------|----------------------|-----------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|------------------------|------------------|
| | bu/A | | | | | | | | | | | | | | | | | | | | | | | |
| Early Maturity Group V (RM 5.0 to 5.3) | | | | | | | | | | | | | | | | | | | | | | | | |
| Armor 50-R44 | 66.4 | 71.3 | • | 49.3 | 52.1 | • | 73.1 | 72.4 | • | 67.7 | • | • | 65.1 | 69.5 | • | 58.7 | 62.9 | • | 46.1 | 51.1 | • | 59.7 | 61.8 | 60.9 |
| Armor 51-R50 | 73.9 | 77.3 | 77.1 | 53.5 | 57.1 | 57.2 | 76.8 | 78.9 | 76.6 | 48.0 | 52.2 | • | 62.8 | 66.5 | 71.3 | 66.1 | 65.9 | 59.4 | 47.0 | 49.6 | 46.2 | 52.6 | 67.6 | 61.2 |
| Armor 53-R16 | 70.0 | 74.8 | 79.5 | 56.0 | 58.0 | 60.9 | 71.6 | 74.3 | 71.6 | 64.8 | 58.7 | 59.0 | 71.6 | 73.1 | 73.7 | 70.8 | 69.2 | 63.6 | 43.0 | 48.7 | 45.9 | 59.8 | 67.1 | 63.9 |
| Asgrow AG5233 GENRR2Y/SR | 71.3 | 75.7 | 76.8 | 53.0 | 56.0 | 55.7 | 73.1 | 70.7 | 69.0 | 73.3 | 69.9 | • | 66.0 | 72.8 | 74.7 | 63.6 | 63.7 | 60.8 | 48.5 | 54.4 | 50.7 | 62.6 | 65.2 | 64.1 |
| Asgrow AG5332 GENRR2Y | 73.2 | 78.2 | 80.3 | 57.0 | 59.1 | 59.3 | 76.3 | 71.9 | 70.4 | 57.0 | 61.8 | • | 68.0 | 73.2 | 75.3 | 65.7 | 66.5 | 62.1 | 49.4 | 53.3 | 50.3 | 58.1 | 68.1 | 63.8 |
| AgVenture AvDx-V213 | 65.3 | 72.1 | • | 54.3 | 54.4 | • | 63.5 | 70.3 | • | 58.8 | • | • | 63.6 | 68.4 | • | 73.6 | 72.6 | • | 41.9 | 49.6 | • | 54.7 | 64.2 | 60.1 |
| HALO 5:01 | 62.1 | 68.2 | 66.6 | 52.1 | 49.2 | 51.2 | 77.1 | 73.3 | 69.5 | 70.5 | 63.3 | • | 65.5 | 70.2 | 72.0 | 71.9 | 67.2 | 63.6 | 44.1 | 50.7 | 43.6 | 60.0 | 65.8 | 63.3 |
| HALO 5:26 | 65.7 | 65.9 | • | 47.9 | 48.4 | • | 73.2 | 66.9 | • | 61.6 | • | • | 69.1 | 67.2 | • | 68.0 | 66.5 | • | 39.4 | 44.3 | • | 56.7 | 63.7 | 60.7 |
| HBK RY5221 | 71.6 | 73.8 | 76.0 | 56.2 | 56.7 | 56.7 | 76.2 | 72.8 | 71.5 | 57.8 | 52.8 | 50.3 | 60.9 | 65.9 | 69.4 | 67.0 | 64.0 | 59.8 | 41.3 | 48.0 | 44.4 | 53.3 | 67.7 | 61.6 |
| Hutcheson | 58.7 | 63.1 | 61.9 | 49.4 | 46.2 | 48.0 | 61.1 | 61.7 | 60.7 | 41.1 | 46.1 | 48.4 | 60.6 | 62.2 | 64.8 | 59.1 | 59.9 | 57.5 | 41.3 | 44.0 | 41.6 | 47.6 | 57.1 | 53.0 |
| JTN-4307 | 60.7 | 58.9 | 60.2 | 50.8 | 45.5 | 49.5 | 57.5 | 53.9 | 56.5 | 54.4 | 55.8 | • | 62.7 | 61.0 | 62.1 | 58.4 | 55.8 | 47.5 | 39.2 | 43.4 | 40.7 | 52.1 | 56.9 | 54.8 |
| Leland | 69.6 | 71.8 | • | 53.9 | 53.5 | • | 67.9 | 67.4 | • | 53.0 | • | • | 69.3 | 71.0 | • | 68.1 | 64.3 | • | 43.0 | 50.3 | • | 55.1 | 64.9 | 60.7 |
| MorSoy Xtra 53X82 | 59.8 | 67.6 | 68.0 | 48.9 | 54.4 | 55.9 | 67.0 | 71.2 | 69.0 | 53.5 | 58.0 | • | 66.7 | 73.1 | 74.0 | 63.0 | 64.2 | 59.6 | 42.0 | 47.7 | 44.0 | 54.1 | 59.7 | 57.3 |
| MPG 5214NRR | 64.0 | 66.3 | • | 48.9 | 52.0 | • | 66.5 | 65.4 | • | 57.2 | • | • | 70.4 | 72.7 | • | 64.7 | 62.3 | • | 49.6 | 47.2 | • | 59.1 | 61.0 | 60.2 |
| NK S52-Y2 Brand | 70.9 | 75.5 | • | 51.1 | 54.1 | • | 77.2 | 71.3 | • | 76.0 | • | • | 71.6 | 79.1 | • | 58.8 | 58.6 | • | 47.2 | 51.6 | • | 64.9 | 64.5 | 64.7 |
| Ozark | 66.1 | 70.1 | 70.8 | 54.5 | 50.9 | 55.5 | 71.3 | 68.9 | 66.5 | 60.0 | 56.7 | 55.0 | 62.7 | 62.3 | 65.4 | 59.6 | 60.5 | 58.9 | 42.8 | 46.9 | 44.3 | 55.1 | 62.9 | 59.5 |
| Pioneer P50T64R | 76.6 | 78.4 | • | 58.5 | 58.6 | • | 78.4 | 73.1 | • | 69.4 | • | • | 67.3 | 72.9 | • | 64.7 | 64.6 | • | 44.3 | 46.7 | • | 60.3 | 69.6 | 65.6 |
| Progeny P 5160 LL | 68.9 | 70.9 | 74.3 | 47.9 | 49.1 | 53.9 | 71.4 | 70.0 | 68.0 | 65.9 | 59.9 | 56.2 | 76.4 | 72.3 | 74.4 | 65.1 | 61.2 | 58.8 | 39.1 | 47.8 | 47.0 | 60.5 | 63.3 | 62.1 |
| Progeny P 5213 RY | 72.3 | 73.0 | • | 54.8 | 54.6 | • | 76.5 | 70.9 | • | 66.9 | • | • | 59.8 | 70.4 | • | 63.4 | 63.3 | • | 47.2 | 50.2 | • | 58.0 | 66.7 | 63.0 |
| Progeny P 5333 RY | 68.7 | 72.3 | • | 56.0 | 54.7 | • | 69.6 | 69.2 | • | 62.2 | • | • | 71.4 | 75.0 | • | 69.1 | 65.9 | • | 43.0 | 46.7 | • | 58.9 | 65.9 | 62.9 |
| R05-374 | 65.3 | 67.8 | • | 53.6 | 52.1 | • | 69.6 | 69.0 | • | 62.4 | • | • | 68.5 | 72.7 | • | 68.5 | 63.9 | • | 43.7 | 49.0 | • | 58.2 | 64.2 | 61.6 |
| R09-430 | 75.8 | 75.6 | • | 54.9 | 51.6 | • | 69.8 | 67.2 | • | 63.9 | • | • | 76.8 | 73.6 | • | 67.1 | 62.8 | • | 46.5 | 46.5 | • | 62.4 | 66.9 | 65.0 |
| R10-130RY | 64.6 | 69.3 | • | 51.6 | 52.7 | • | 66.6 | 68.5 | • | 56.3 | • | • | 61.6 | 65.4 | • | 64.1 | 63.6 | • | 41.3 | 45.4 | • | 53.1 | 61.7 | 58.0 |
| R10-428RY | 62.2 | 68.7 | • | 49.5 | 53.1 | • | 65.1 | 64.7 | • | 63.2 | • | • | 61.6 | 67.9 | • | 64.6 | 60.7 | • | 42.0 | 46.1 | • | 55.6 | 60.4 | 58.3 |
| REV@ 51R53™ | 70.5 | 76.4 | 80.2 | 56.7 | 58.8 | 58.9 | 71.1 | 65.9 | 63.3 | 72.5 | 64.3 | 60.7 | 65.5 | 68.3 | 72.2 | 58.8 | 60.2 | 54.6 | 46.7 | 51.8 | 47.7 | 61.5 | 64.3 | 63.1 |
| REV@ 52R74™ | 70.2 | 73.0 | 74.6 | 49.9 | 53.8 | 52.6 | 69.4 | 69.5 | 69.4 | 60.3 | 55.6 | • | 65.0 | 70.7 | 75.5 | 62.5 | 67.5 | 62.4 | 46.9 | 50.6 | 46.8 | 57.4 | 63.0 | 60.6 |
| REV@ 53R23™ | 66.4 | 66.8 | 72.8 | 49.4 | 50.4 | 52.8 | 73.6 | 67.0 | 65.0 | 65.3 | 59.0 | • | 69.6 | 74.0 | 76.5 | 59.0 | 58.7 | 56.5 | 44.6 | 46.2 | 44.0 | 59.8 | 62.1 | 61.1 |
| UA 5213C | 64.8 | 68.3 | 68.4 | 42.4 | 41.6 | 47.1 | 70.9 | 68.2 | 68.4 | 66.3 | 63.2 | 57.9 | 68.7 | 73.4 | 73.7 | 65.5 | 63.6 | 61.1 | 42.2 | 47.2 | • | 59.1 | 60.9 | 60.1 |
| GRAND MEAN | 66.3 | • | • | 51.8 | • | • | 72.8 | • | • | 64.2 | • | • | 66.5 | • | • | 66.1 | • | • | 44.2 | • | • | 58.3 | 64.2 | 61.7 |
| LSD (5%) | 4.8 | • | • | 5.3 | • | • | 5.4 | • | • | 9.2 | • | • | 4.2 | • | • | 6.8 | • | • | 5.0 | • | • | 6.1 | 5.6 | 5.8 |
| C.V. | 6.1 | • | • | 8.8 | • | • | 6.4 | • | • | 12.2 | • | • | 5.3 | • | • | 8.7 | • | • | 8.3 | • | • | 8.6 | 7.5 | 8.0 |

2014 Soybean Update

Table 10. Yields of Late-Maturity Group V Soybean Varieties and Strains in the Full-Season and Double-Crop Planted Test at All Locations, 2014.¹

| Variety/Experimental Line | Keiser Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Keiser Non-Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Ag | Keiser DC Irrig | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Marianna ¹ ₆ Irrig. | 2-Yr ³ Avg | 3-Yr ⁴ Avg | Stuttgart Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Rohwer Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Kibler ¹⁷ Irrig. | 2-Yr ⁶ Avg | 3-Yr ⁷ Avg | Silt loam ¹⁸ Avg | Clay ¹⁹ Avg | All-Location Avg |
|----------------------------------------------|---------------|-----------------------|-----------------------|------------------|-----------------------|----------------------|-----------------|-----------------------|-----------------------|-------------------------------------------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------------|-----------------------|-----------------------|-----------------------------|------------------------|------------------|
| bu/A | | | | | | | | | | | | | | | | | | | | | | | | |
| Late Maturity Group V (RM 5.4 to 5.9) | | | | | | | | | | | | | | | | | | | | | | | | |
| AgVenture 55K5RR | 62.7 | 69.8 | 71.9 | 53.6 | 57.4 | 60.6 | 66.4 | 69.6 | 67.5 | • | • | • | 65.2 | 69.3 | 70.9 | 65.4 | 68.8 | 63.7 | 40.2 | 47.0 | 43.8 | 52.7 | 62.0 | 58.9 |
| Delta Grow DG5461LL | 63.4 | 68.3 | 66.9 | 46.7 | 48.7 | 52.4 | 65.2 | 63.8 | 64.4 | • | • | • | 68.8 | 72.2 | 70.9 | 64.2 | 64.3 | 59.3 | 40.2 | 47.4 | 43.1 | 54.5 | 59.9 | 58.1 |
| Delta Grow DG5475GENRR2Y | 57.2 | 63.0 | 67.8 | 49.3 | 55.2 | 55.5 | 59.2 | 65.2 | 63.9 | • | • | • | 64.7 | 69.9 | 72.8 | 58.6 | 62.0 | 57.2 | 40.4 | 47.6 | 44.8 | 52.5 | 56.1 | 54.9 |
| Delta Grow DG5480GENRR2Y | 63.0 | 69.7 | • | 49.9 | 54.8 | • | 67.4 | 69.9 | • | • | • | • | 68.9 | 76.7 | • | 72.0 | 71.3 | • | 43.0 | 47.3 | • | 55.9 | 63.1 | 60.7 |
| Delta Grow DG5481LL | 59.8 | 65.5 | • | 55.0 | 54.4 | • | 68.8 | 66.2 | • | • | • | • | 64.0 | 65.3 | • | 63.9 | 64.4 | • | 43.6 | 51.9 | • | 53.8 | 61.9 | 59.2 |
| Delta Grow DG5565GENRR2Y | 63.6 | 67.0 | • | 52.0 | 54.6 | • | 66.6 | 68.2 | • | • | • | • | 64.5 | 66.5 | • | 62.0 | 67.3 | • | 41.7 | 47.8 | • | 53.1 | 61.1 | 58.4 |
| Delta Grow DG5575GENRR2Y | 63.4 | 68.4 | • | 50.6 | 53.9 | • | 56.9 | 63.3 | • | • | • | • | 68.7 | 71.9 | • | 66.4 | 69.5 | • | 43.9 | 49.9 | • | 56.3 | 59.3 | 58.3 |
| Delta Grow DG5625GENRR2Y | 63.4 | 56.7 | • | 50.6 | 50.3 | • | 60.7 | 63.5 | • | • | • | • | 72.2 | 76.0 | • | 60.0 | 63.0 | • | 44.5 | 46.7 | • | 58.3 | 58.7 | 58.6 |
| Dyna-Gro 32RY55 | 62.3 | 70.6 | 72.4 | 55.6 | 58.5 | 59.6 | 64.4 | 72.2 | 70.5 | • | • | • | 67.3 | 69.4 | 72.2 | 65.6 | 73.9 | 68.6 | 45.8 | 52.1 | 47.8 | 56.5 | 62.0 | 60.2 |
| Dyna-Gro S54RY43 | 63.2 | 68.7 | 68.6 | 48.9 | 53.7 | 54.9 | 65.5 | 66.2 | 66.1 | • | • | • | 66.2 | 72.9 | 72.0 | 59.9 | 65.1 | 59.3 | 42.3 | 48.1 | 45.3 | 54.2 | 59.4 | 57.6 |
| Dyna-Gro S56RY84 | 66.5 | 60.6 | • | 52.5 | 53.5 | • | 69.8 | 73.3 | • | • | • | • | 68.2 | 72.2 | • | 64.3 | 65.2 | • | 43.2 | 46.2 | • | 55.7 | 63.3 | 60.7 |
| Eagle Seed ES5400RR | 65.3 | 67.2 | 66.2 | 52.9 | 53.2 | 55.0 | 65.3 | 67.4 | 69.1 | • | • | • | 61.3 | 67.3 | 69.5 | 61.5 | 62.7 | 58.4 | 40.2 | 44.8 | 40.6 | 50.7 | 61.2 | 57.7 |
| Eagle Seed ES5507RR | 63.8 | 66.1 | 67.3 | 55.2 | 55.5 | 57.6 | 60.0 | 62.1 | 63.4 | • | • | • | 65.8 | 67.9 | 68.0 | 63.3 | 64.5 | 58.2 | 38.9 | 43.3 | 40.2 | 52.4 | 60.6 | 57.9 |
| Eagle Seed ES5650RR | 65.0 | 60.7 | 67.7 | 53.5 | 54.9 | 58.6 | 64.9 | 65.0 | 66.0 | • | • | • | 71.8 | 74.8 | 74.2 | 57.6 | 65.3 | 63.1 | 40.0 | 43.1 | 41.1 | 55.9 | 60.3 | 58.8 |
| HALO 5:45 | 63.0 | 67.9 | 70.2 | 55.2 | 56.2 | 58.0 | 70.5 | 70.2 | 68.1 | • | • | • | 71.2 | 69.0 | 71.0 | 60.5 | 66.2 | 64.2 | 40.0 | 45.5 | 41.6 | 55.6 | 62.3 | 60.1 |
| HBK RY5421 | 63.2 | 71.5 | 73.4 | 53.1 | 57.3 | 58.1 | 66.3 | 68.1 | 67.5 | • | • | • | 68.7 | 72.6 | 73.2 | 63.5 | 67.1 | 59.9 | 49.2 | 54.6 | 49.3 | 59.0 | 61.5 | 60.6 |
| JTN-5110 | 64.1 | 68.3 | 70.1 | 47.7 | 48.3 | 51.1 | 63.3 | 61.8 | 62.2 | • | • | • | 57.7 | 63.2 | 67.8 | 59.6 | 63.3 | 59.8 | 43.0 | 49.6 | 47.5 | 50.3 | 58.7 | 55.9 |
| Osage | 65.1 | 70.6 | 73.4 | 56.8 | 54.8 | 57.0 | 64.0 | 63.1 | 65.5 | • | • | • | 68.4 | 68.8 | 71.9 | 59.9 | 61.7 | 60.3 | 41.5 | 47.6 | 44.6 | 55.0 | 61.4 | 59.3 |
| Pioneer P54T94R | 61.0 | 68.3 | • | 50.3 | 54.0 | • | 66.7 | 64.7 | • | • | • | • | 70.0 | 76.3 | • | 58.6 | 61.1 | • | 38.1 | 44.2 | • | 54.0 | 59.2 | 57.5 |
| Progeny P 5460 LL | 60.7 | 61.4 | 63.7 | 54.6 | 52.3 | 54.0 | 69.9 | 64.7 | 66.7 | • | • | • | 67.6 | 73.7 | 72.4 | 66.5 | 60.5 | 57.6 | 40.9 | 47.1 | 44.2 | 54.3 | 62.9 | 60.0 |
| Progeny P 5555 RY | 67.2 | 73.2 | • | 50.5 | 53.8 | • | 55.3 | 66.3 | • | • | • | • | 69.1 | 72.6 | • | 67.3 | 69.7 | • | 43.4 | 47.8 | • | 56.3 | 60.1 | 58.8 |
| Progeny P 5610 RY | 59.6 | 59.0 | 61.6 | 51.8 | 55.1 | 58.5 | 69.1 | 69.8 | 71.4 | • | • | • | 64.7 | 71.0 | 72.2 | 63.7 | 69.5 | 66.4 | 43.8 | 45.8 | 43.9 | 54.2 | 61.0 | 58.8 |
| Progeny P 5960 LL | 63.9 | 69.4 | 71.1 | 51.8 | 51.4 | 53.5 | 64.2 | 66.0 | 67.3 | • | • | • | 69.6 | 70.0 | 71.5 | 63.0 | 65.2 | 63.0 | 42.8 | 47.3 | 44.8 | 56.2 | 60.7 | 59.2 |
| R04-1250RR | 59.0 | 54.8 | • | 52.0 | 51.4 | • | 61.9 | 62.2 | • | • | • | • | 57.5 | 60.9 | • | 63.0 | 64.9 | • | 38.9 | 41.9 | • | 48.2 | 59.0 | 55.4 |
| R10-197RY | 61.0 | 56.3 | • | 47.1 | 49.3 | • | 69.1 | 68.9 | • | • | • | • | 67.5 | 69.0 | • | 67.6 | 69.4 | • | 42.4 | 45.6 | • | 55.0 | 61.2 | 59.1 |
| REV@ 54R84™ | 63.8 | 70.8 | 73.7 | 48.5 | 53.2 | 56.8 | 62.4 | 64.3 | 65.1 | • | • | • | 65.6 | 70.6 | 71.6 | 65.9 | 67.8 | 66.3 | 44.3 | 49.9 | 45.3 | 54.9 | 60.2 | 58.4 |
| REV@ 55R53™ | 62.0 | 69.8 | 70.0 | 46.6 | 52.8 | 54.6 | 62.5 | 67.0 | 67.5 | • | • | • | 62.9 | 69.5 | 71.7 | 60.9 | 63.4 | 62.5 | 46.0 | 51.4 | 48.1 | 54.4 | 58.0 | 56.8 |
| REV@ 56R63™ | 65.1 | 61.8 | 67.7 | 57.1 | 57.8 | 61.7 | 68.8 | 72.0 | 71.7 | • | • | • | 68.9 | 73.5 | 74.3 | 63.1 | 68.3 | 65.1 | 43.2 | 46.9 | 44.2 | 56.0 | 63.5 | 61.0 |
| REV@ 57R21™ | 68.0 | 62.1 | 68.1 | 56.0 | 56.1 | 57.1 | 59.2 | 65.5 | 70.3 | • | • | • | 75.3 | 79.0 | 79.3 | 63.3 | 67.7 | 64.4 | 36.8 | 41.5 | 41.0 | 56.1 | 61.6 | 59.7 |
| UA 5414RR | 57.5 | 62.7 | 64.7 | 49.9 | 50.6 | 53.6 | 60.1 | 62.6 | 61.7 | • | • | • | 62.7 | 68.6 | 67.7 | 55.4 | 56.6 | 51.9 | 40.8 | 44.8 | 41.7 | 51.7 | 55.7 | 54.4 |
| UA 5612 | 67.7 | 71.1 | 71.4 | 54.6 | 53.5 | 56.7 | 69.0 | 66.9 | 65.7 | • | • | • | 72.2 | 72.3 | 75.4 | 63.7 | 63.4 | 62.8 | 47.9 | 50.1 | 48.6 | 60.1 | 63.7 | 62.5 |
| USG 75Q42R | 59.3 | 66.8 | 68.9 | 48.0 | 53.9 | 54.9 | 64.2 | 66.2 | 64.6 | • | • | • | 62.5 | 72.1 | 74.6 | 61.9 | 62.7 | 57.1 | 43.0 | 49.6 | 44.4 | 52.8 | 58.4 | 56.5 |
| GRAND MEAN | 62.9 | • | • | 51.7 | • | • | 64.7 | • | • | • | • | • | 66.5 | • | • | 63.5 | • | • | 42.3 | • | • | 54.4 | 60.7 | 58.6 |
| LSD (5%) | 4.8 | • | • | 3.9 | • | • | 6.5 | • | • | • | • | • | 4.2 | • | • | 5.4 | • | • | 3.8 | • | • | 4.0 | 5.2 | 4.8 |
| C.V. | 6.5 | • | • | 6.4 | • | • | 8.6 | • | • | • | • | • | 5.4 | • | • | 7.3 | • | • | 6.6 | • | • | 6.0 | 7.2 | 6.8 |

2014 Soybean Update

Table 11. Nematode, Disease, and Chloride Sensitivity Ratings for Soybean Varieties and Strains in the Full-Season Planted Test, 2014.⁸

| Variety/Experimental Line | Root Knot ⁹ Nematode | Soybean Cyst Nematode ¹⁰ | | | Reniform Nematode | Stem Canker | Frogeye | Chloride Reaction ¹¹ | |
|------------------------------|------------------------------------|-------------------------------------|---|----|----------------------|-------------|---------|---------------------------------|----------|
| | | 2 | 5 | 14 | | | | 2013 | 2014 |
| AgVenture 55K5RR | 3 | 7 | 7 | 5 | - | 3 | 1 | Excluder | Excluder |
| AgVenture AvDx-D613 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| AgVenture AvDx-V213 | 7 | 7 | 7 | 7 | 7 | 1 | 4 | Excluder | Excluder |
| Armor 43-R43 | 7 | 5 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Armor 44-R08 | 7 | 7 | 5 | 7 | - | 7 | 4 | Includer | Includer |
| Armor 46-R65 | 7 | 7 | 5 | 5 | 7 | 1 | 4 | Includer | Includer |
| Armor 47-R13 | 7 | 7 | 5 | 7 | 7 | 1 | 3 | Includer | Includer |
| Armor 48-R66 | 7 | 5 | 7 | 5 | 7 | 1 | 6 | Includer | Includer |
| Armor 49-C3 | 1 | 1 | 1 | 1 | - | 7 | 1 | Excluder | Excluder |
| Armor 49-R56 | 7 | 7 | 7 | 7 | - | 1 | 5 | Excluder | Excluder |
| Armor 50-R44 | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Includer | Includer |
| Armor 51-R50 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| Armor 53-R16 | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Includer | Includer |
| Armor X47C | 7 | 7 | 7 | 7 | - | 1 | 6 | Includer | Includer |
| Armor X48C | 7 | 7 | 7 | 7 | - | 1 | 5 | Includer | Includer |
| Armor X49C | 7 | 7 | 7 | 7 | - | 1 | 6 | Includer | Includer |
| Asgrow AG4934 GENRR2Y/SR | 7 | 7 | 7 | 7 | - | 7 | 5 | Includer | Includer |
| Asgrow AG5233 GENRR2Y/SR | 7 | 7 | 7 | 5 | - | 1 | 6 | Mixed | Mixed |
| Asgrow AG5332 GENRR2Y | 5 | 7 | 7 | 5 | - | 1 | 5 | Includer | Includer |
| Davis 4146RR2YS | 7 | 7 | 5 | 7 | - | 1 | 4 | Includer | Includer |
| Davis 4148RR2YS | 7 | 7 | 5 | 5 | - | 1 | 6 | Includer | Includer |
| Delta Grow DG4670GENRR2Y | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Delta Grow DG4755GENRR2Y | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Delta Grow DG4765GENRR2Y/STS | 7 | 7 | 7 | 5 | 7 | 1 | 2 | Includer | Includer |
| Delta Grow DG4825GENRR2Y/STS | 7 | 7 | 5 | 5 | 7 | 1 | 6 | Mixed | Includer |
| Delta Grow DG4867LL | 7 | 7 | 7 | 5 | 7 | 1 | 6 | Includer | Includer |
| Delta Grow DG4880RR | 7 | 5 | 5 | 5 | - | 1 | 1 | Excluder | Excluder |
| Delta Grow DG4925GENRR2Y | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Delta Grow DG4940RR | 5 | 1 | 1 | 3 | 1 | 1 | 5 | Includer | Includer |
| Delta Grow DG4967LL | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| Delta Grow DG4970RR | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Delta Grow DG4981LL/STS | 7 | 7 | 5 | 7 | 7 | 1 | 1 | Includer | Includer |
| Delta Grow DG4990LL | 7 | 7 | 7 | 7 | 7 | 1 | 2 | Includer | Includer |
| Delta Grow DG5461LL | 7 | 7 | 7 | 7 | - | 1 | 4 | Includer | Includer |
| Delta Grow DG5475GENRR2Y | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Mixed | Mixed |
| Delta Grow DG5480GENRR2Y | 7 | 7 | 7 | 5 | 7 | 7 | 1 | Excluder | Mixed |
| Delta Grow DG5481LL | 7 | 7 | 7 | 7 | 7 | 1 | 3 | Includer | Includer |
| Delta Grow DG5565GENRR2Y | 5 | 7 | 7 | 7 | 7 | 1 | 1 | Excluder | Mixed |
| Delta Grow DG5575GENRR2Y | 7 | 5 | 7 | 5 | 7 | 1 | 1 | Includer | Mixed |
| Delta Grow DG5625GENRR2Y | 7 | 7 | 7 | 7 | - | 1 | 2 | Excluder | Excluder |
| Dyna-Gro 31RY45 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Dyna-Gro 32RY55 | 5 | 7 | 7 | 7 | - | 1 | 1 | Excluder | Excluder |
| Dyna-Gro 39RY43 | 7 | 7 | 7 | 5 | - | 7 | 5 | Includer | Includer |
| Dyna-Gro S47RY13 | 7 | 7 | 7 | 5 | - | 1 | 5 | Includer | Includer |
| Dyna-Gro S48RS53 | 7 | 7 | 7 | 5 | - | 1 | 3 | Includer | Includer |
| Dyna-Gro S54RY43 | 7 | 7 | 7 | 5 | - | 1 | 5 | Mixed | Mixed |
| Dyna-Gro S56RY84 | 7 | 7 | 7 | 7 | - | 1 | 1 | Mixed | Mixed |
| Eagle Seed ES4777RR | 7 | 7 | 7 | 7 | - | 1 | 5 | Mixed | Excluder |
| Eagle Seed ES4998RR | 7 | 7 | 5 | 5 | 7 | 1 | 4 | Mixed | |
| Eagle Seed ES5400RR | 7 | 7 | 7 | 7 | - | 7 | 1 | Mixed | Excluder |
| Eagle Seed ES5507RR | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| Eagle Seed ES5650RR | 5 | 7 | 7 | 7 | - | 1 | 1 | Excluder | Excluder |
| HALO 4:40 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HALO 4:94 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HALO 4:95 | 7 | 7 | 7 | 7 | - | 1 | 6 | Includer | Mixed |
| HALO 4:97 | 3 | 7 | 7 | 7 | 7 | 1 | 3 | Includer | Includer |
| HALO 5:01 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HALO 5:26 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HALO 5:45 | 5 | 7 | 7 | 7 | - | 1 | 1 | Excluder | Mixed |
| HBK LL4650 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HBK LL4653 | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Includer |
| HBK LL4850 | 7 | 7 | 5 | 5 | - | 1 | 6 | Includer | Includer |
| HBK LL4950 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HBK LL4953 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| HBK RY4620 | 7 | 7 | 7 | 7 | - | 7 | 6 | Includer | Includer |
| HBK RY4721 | 7 | 7 | 7 | 5 | - | 1 | 1 | Includer | Includer |
| HBK RY5221 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| HBK RY5421 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Hutcheson | 7 | 7 | 5 | 7 | - | 1 | 4 | Mixed | Mixed |
| JTN-4307 | 7 | 1 | 3 | 3 | - | 1 | 1 | Excluder | Excluder |
| JTN-5110 | 7 | 1 | 1 | 3 | - | 7 | 4 | Excluder | Excluder |

2014 Soybean Update

Table 11. Nematode, Disease, and Chloride Sensitivity Ratings for Soybean Varieties and Strains in the Full-Season Planted Test, 2014.⁸ (continued)

| Variety/Experimental Line | Root Knot ⁹ Nematode | Soybean Cyst Nematode ¹⁰ | | | Reniform Nematode | Stem Canker | Frogeye | Chloride Reaction ¹¹ | |
|---------------------------|------------------------------------|-------------------------------------|---|----|----------------------|-------------|---------|---------------------------------|----------|
| | | 2 | 5 | 14 | | | | 2013 | 2014 |
| Leland | 7 | 1 | 1 | 1 | - | 5 | 1 | Excluder | Excluder |
| MorSoy Xtra 44X82 | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| MorSoy Xtra 47X12 | 7 | 7 | 7 | 5 | 7 | 1 | 3 | Includer | Includer |
| MorSoy Xtra 48X02 | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| MorSoy Xtra 53X82 | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| MPG 4714 | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Includer |
| MPG 5214NRR | 3 | 1 | 1 | 3 | 1 | 1 | 5 | Includer | Includer |
| Mycogen 5N451R2 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Includer |
| Mycogen 5N478R2 | 7 | 7 | 7 | 5 | - | 1 | 1 | Includer | Includer |
| NK S43-K1 Brand | 3 | 7 | 7 | 5 | - | 1 | 5 | Excluder | Excluder |
| NK S45-V8 Brand | 7 | 7 | 5 | 7 | - | 1 | 5 | Includer | Mixed |
| NK S46-L2 Brand | 7 | 7 | 5 | 7 | - | 1 | 6 | Excluder | Excluder |
| NK S49-F8 Brand | 7 | 7 | 7 | 5 | - | 1 | 1 | Excluder | Excluder |
| NK S52-Y2 Brand | 3 | 7 | 5 | 5 | - | 1 | 5 | Includer | Includer |
| Osage | 7 | 7 | 1 | 7 | - | 1 | 5 | Excluder | Excluder |
| Ozark | 7 | 7 | 7 | 7 | - | 1 | 1 | Mixed | Includer |
| Pioneer P47T36R | 7 | 7 | 7 | 5 | - | 1 | 1 | Excluder | Excluder |
| Pioneer P48T53R | 7 | 5 | 7 | 5 | - | 1 | 1 | Mixed | Mixed |
| Pioneer P49T97R | 7 | 7 | 7 | 7 | - | 1 | 1 | Excluder | Excluder |
| Pioneer P50T64R | 7 | 7 | 7 | 5 | - | 1 | - | Mixed | Excluder |
| Pioneer P54T94R | 3 | 7 | 7 | 7 | - | 1 | - | Excluder | Excluder |
| Progeny P 4211 RY | 7 | 7 | 5 | 5 | 7 | 7 | 5 | Includer | Includer |
| Progeny P 4510 RYS | 7 | 7 | 5 | 7 | 7 | 7 | 6 | Includer | Includer |
| Progeny P 4560 LL | 7 | 7 | 5 | 7 | 7 | 1 | 1 | Includer | Includer |
| Progeny P 4613 RYS | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Includer | Includer |
| Progeny P 4747 RY | 7 | 7 | 7 | 7 | 7 | 7 | 3 | Includer | Includer |
| Progeny P 4819 LL | 7 | 7 | 7 | 5 | 7 | 1 | 6 | Includer | Mixed |
| Progeny P 4850 RYS | 7 | 7 | 5 | 5 | 7 | 7 | 1 | Includer | Includer |
| Progeny P 4900 RY | 7 | 7 | 7 | 5 | 7 | 3 | 6 | Excluder | Excluder |
| Progeny P 4928 LL | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Mixed |
| Progeny P 4930 LL | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Mixed | Mixed |
| Progeny P 5160 LL | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| Progeny P 5213 RY | 7 | 7 | 7 | 5 | 7 | 1 | 5 | Includer | Includer |
| Progeny P 5333 RY | 7 | 7 | 7 | 7 | 7 | 1 | 4 | Mixed | Mixed |
| Progeny P 5460 LL | 7 | 7 | 7 | 7 | 7 | 1 | 2 | Includer | Mixed |
| Progeny P 5555 RY | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Mixed | Mixed |
| Progeny P 5610 RY | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Excluder | Excluder |
| Progeny P 5960 LL | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Mixed | Mixed |
| R04-1250RR | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Mixed |
| R05-3239 | 7 | 7 | 7 | 7 | - | 1 | 1 | Includer | Mixed |
| R05-374 | 7 | 7 | 7 | 7 | - | 1 | 4 | Includer | Mixed |
| R08-2797 | 7 | 7 | 5 | 7 | - | 1 | 6 | Excluder | Excluder |
| R09-430 | 7 | 5 | 5 | 5 | - | 1 | 2 | Excluder | Excluder |
| R10-130RY | 7 | 7 | 7 | 7 | - | 1 | 2 | Includer | Mixed |
| R10-197RY | 7 | 7 | 7 | 7 | - | 1 | 3 | Includer | Includer |
| R10-428RY | 7 | 7 | 7 | 7 | - | 1 | 3 | Includer | Mixed |
| REV® 46R64™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Mixed |
| REV® 47R34™ | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Includer |
| REV® 47R53™ | 7 | 7 | 7 | 7 | 7 | 1 | 1 | Includer | Mixed |
| REV® 48R22™ | 7 | 7 | 7 | 5 | 7 | 1 | 4 | Excluder | Excluder |
| REV® 48R44™ | 7 | 7 | 7 | 5 | 7 | 1 | 1 | Includer | Includer |
| REV® 49R94™ | 7 | 7 | 7 | 5 | 7 | 3 | 1 | Excluder | Excluder |
| REV® 51R53™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Includer | Mixed |
| REV® 52R74™ | 7 | 7 | 7 | 7 | 7 | 1 | 2 | Excluder | Excluder |
| REV® 53R23™ | 3 | 7 | 7 | 5 | 7 | 1 | 4 | Excluder | Excluder |
| REV® 54R84™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Excluder | Excluder |
| REV® 55R53™ | 7 | 7 | 7 | 7 | 7 | 1 | 5 | Excluder | Excluder |
| REV® 56R63™ | 5 | 7 | 7 | 7 | 7 | 1 | 1 | Excluder | Mixed |
| REV® 57R21™ | 7 | 7 | 7 | 7 | 7 | 7 | 2 | Excluder | Mixed |
| UA 5213C | 7 | 7 | 7 | 5 | - | 1 | 5 | Excluder | Excluder |
| UA 5414RR | 7 | 7 | 7 | 7 | - | 1 | 5 | Excluder | Excluder |
| UA 5612 | 7 | 7 | 7 | 7 | - | 1 | 1 | Mixed | Mixed |
| USG 74B83R | 7 | 7 | 7 | 3 | - | 1 | 6 | Includer | Includer |
| USG 75Q42R | 7 | 7 | 7 | 7 | - | 1 | 5 | Mixed | Includer |
| Willcross RY2494NS | 7 | 7 | 7 | 5 | 7 | 1 | 6 | Includer | Includer |
| Willcross WX2464NS | 7 | 7 | 7 | 7 | - | 1 | 4 | Includer | Includer |

2014 Soybean Update

Table 12. Agronomic Characteristics for Soybean Varieties and Strains in the Full-Season and Double-Crop Test, 2014.

| Variety/Experimental Line | Maturity Group | Herbicide Tolerance | STS | Metribuzin Sensitivity | Flower Color | Pubescence | Pod Color | Hilum Color | Growth Habit | Avg. ¹² Days to Maturity | Avg. ¹³ Lodging | Avg. ¹⁴ Shatter | Avg. ¹⁵ Plant Height |
|------------------------------|----------------|---------------------|-----|------------------------|--------------|------------|-----------|-------------|--------------|-------------------------------------|----------------------------|----------------------------|---------------------------------|
| AgVenture 55K5RR | 5.5 | RR1 | No | Tolerant | White | Gray | Tan | Buff | Det | 133 | 1.6 | 1.0 | 40.2 |
| AgVenture AvDx-D613 | 4.6 | RR1 | No | Slight | Purple | Tawny | • | Black | Ind | 121 | 1.5 | 1.0 | 33.6 |
| AgVenture AvDx-V213 | 5.2 | RR1 | No | Tolerant | Purple | Tawny | • | Brown | Det | 127 | 2.5 | 1.0 | 30.9 |
| Armor 43-R43 | 4.3 | RR2 | No | Severe | Purple | Tawny | Tan | Black | Ind | 116 | 1.1 | 1.0 | 38.8 |
| Armor 44-R08 | 4.4 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 117 | 1.3 | 1.0 | 38.0 |
| Armor 46-R65 | 4.6 | RR2 | Yes | Moderate | White | Gray | Brown | Buff | Ind | 124 | 1.3 | 1.0 | 36.5 |
| Armor 47-R13 | 4.7 | RR2 | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 124 | 1.2 | 1.0 | 36.6 |
| Armor 48-R66 | 4.8 | RR2/STS | Yes | Tolerant | White | Lt Tawny | Tan | Black | Ind | 127 | 1.3 | 1.0 | 35.0 |
| Armor 49-C3 | 4.9 | Conv. | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 129 | 2.1 | 1.0 | 33.3 |
| Armor 49-R56 | 4.9 | RR2 | No | Slight | Purple | Lt Tawny | Tan | Black | Ind | 126 | 1.3 | 1.0 | 33.8 |
| Armor 50-R44 | 5.0 | RR2 | No | Moderate | • | • | • | • | • | 123 | 1.5 | 1.0 | 39.8 |
| Armor 51-R50 | 5.0 | RR2 | No | Slight | • | • | • | • | • | 126 | 1.3 | 1.0 | 35.0 |
| Armor 53-R16 | 5.3 | RR2 | No | Moderate | Purple | Gray | Tan | Imp Black | Det | 128 | 1.5 | 1.0 | 35.8 |
| Armor X47C | 4.7 | Conv./STS | Yes | Slight | • | • | • | • | • | 124 | 1.0 | 1.0 | 32.2 |
| Armor X48C | 4.8 | Conv./STS | Yes | Slight | • | • | • | • | • | 128 | 1.4 | 1.0 | 34.7 |
| Armor X49C | 4.9 | Conv./STS | Yes | Slight | • | • | • | • | • | 130 | 1.8 | 1.0 | 38.3 |
| Asgrow AG4934 GENRR2Y/SR | 4.9 | RR2/STS | Yes | Moderate | Purple | Lt tawny | Brown | Black | Ind | 127 | 1.3 | 1.0 | 36.2 |
| Asgrow AG5233 GENRR2Y/SR | 5.2 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 127 | 1.3 | 1.0 | 33.5 |
| Asgrow AG5332 GENRR2Y | 5.3 | RR2 | No | Slight | Purple | Tawny | Tan | Black | Ind | 130 | 1.5 | 1.0 | 35.1 |
| Davis 4146RR2YS | 4.6 | RR2/STS | Yes | Moderate | White | Gray | • | Buff | Ind | 125 | 1.2 | 1.0 | 35.5 |
| Davis 4148RR2YS | 4.8 | RR2/STS | Yes | Slight | White | Lt Tawny | • | Black | Ind | 127 | 1.6 | 1.0 | 35.4 |
| Delta Grow DG4670GENRR2Y | 4.6 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.0 | 1.0 | 34.1 |
| Delta Grow DG4755GENRR2Y | 4.7 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.1 | 1.0 | 35.9 |
| Delta Grow DG4765GENRR2Y/STS | 4.7 | RR2/STS | Yes | Moderate | Purple | Gray | Tan | Imp Black | Ind | 124 | 1.2 | 1.0 | 36.5 |
| Delta Grow DG4825GENRR2Y/STS | 4.8 | RR2/STS | Yes | Slight | White | Lt Tawny | Tan | Black | Ind | 128 | 1.4 | 1.0 | 34.4 |
| Delta Grow DG4867LL | 4.8 | LL | No | Slight | White | Tawny | Brown | Black | Ind | 126 | 1.8 | 1.0 | 34.3 |
| Delta Grow DG4880RR | 4.8 | RR1 | No | Moderate | White | Tawny | brown | Black | Ind | 129 | 1.9 | 1.0 | 36.4 |
| Delta Grow DG4925GENRR2Y | 4.9 | RR2 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 126 | 1.4 | 1.0 | 35.6 |
| Delta Grow DG4940RR | 4.9 | RR1 | No | Slight | Purple | Tawny | • | Black | Ind | 127 | 2.5 | 1.0 | 39.5 |
| Delta Grow DG4967LL | 4.9 | LL | no | Moderate | White | Gray | Tan | Imp Black | Ind | 131 | 1.5 | 1.0 | 40.5 |
| Delta Grow DG4970RR | 4.9 | RR1 | No | Slight | Purple | Lt Tawny | brown | Black | Ind | 129 | 2.3 | 1.0 | 37.2 |
| Delta Grow DG4981LL/STS | 4.9 | LL/STS | Yes | Tolerant | White | Tawny | • | Black | Ind | 131 | 1.5 | 1.0 | 45.1 |
| Delta Grow DG4990LL | 4.9 | LL | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 130 | 1.3 | 1.0 | 36.9 |
| Delta Grow DG5461LL | 5.4 | LL | No | Tolerant | Purple | • | Tan | Brown | Ind | 128 | 1.1 | 1.0 | 38.6 |
| Delta Grow DG5475GENRR2Y | 5.4 | RR2 | No | Severe | White | Gray | Tan | Buff | Det | 133 | 1.4 | 1.0 | 35.3 |
| Delta Grow DG5480GENRR2Y | 5.4 | RR2 | No | Slight | White | gray | • | Buff | Det | 130 | 1.4 | 1.0 | 36.8 |
| Delta Grow DG5481LL | 5.4 | LL | No | Slight | Purple | gray | • | Imp Black | Det | 134 | 1.4 | 1.0 | 43.4 |
| Delta Grow DG5565GENRR2Y | 5.5 | RR2 | No | Slight | Purple | gray | Tan | Imp Black | Det | 132 | 1.0 | 1.0 | 35.5 |
| Delta Grow DG5575GENRR2Y | 5.5 | RR2 | No | Tolerant | Purple | Tawny | • | Brown | Det | 132 | 1.5 | 1.0 | 39.1 |
| Delta Grow DG5625GENRR2Y | 5.6 | RR2 | No | Slight | Purple | Tawny | Tan | Black | Det | 131 | 1.5 | 1.0 | 33.9 |
| Dyna-Gro 31RY45 | 4.5 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 118 | 1.4 | 1.0 | 42.4 |
| Dyna-Gro 32RY55 | 5.5 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Det | 132 | 1.0 | 1.0 | 35.1 |
| Dyna-Gro 39RY43 | 4.3 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 117 | 1.2 | 1.0 | 36.8 |
| Dyna-Gro S47RY13 | 4.7 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.1 | 1.0 | 37.5 |
| Dyna-Gro S48RS53 | 4.8 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 124 | 1.3 | 1.0 | 37.7 |
| Dyna-Gro S54RY43 | 4.9 | RR2 | No | Slight | White | Gray | • | Imp Black | Ind | 133 | 1.2 | 1.0 | 36.5 |
| Dyna-Gro S56RY84 | 5.6 | RR2 | No | Slight | Purple | Tawny | • | Brown | Det | 131 | 1.4 | 1.0 | 38.8 |
| Eagle Seed ES4777RR | 4.7 | RR1 | No | Slight | White | Gray | Tan | Black | Ind | 126 | 1.0 | 1.0 | 34.7 |
| Eagle Seed ES4998RR | 4.9 | RR1 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 135 | 1.6 | 1.0 | 34.8 |
| Eagle Seed ES5400RR | 5.4 | RR1 | No | Slight | White | • | Tan | Black | • | 132 | 1.1 | 1.0 | 38.9 |
| Eagle Seed ES5507RR | 5.5 | RR1 | No | Moderate | White | Gray | Tan | Buff | Ind | 133 | 1.2 | 1.0 | 36.3 |
| Eagle Seed ES5650RR | 5.6 | RR1 | No | Slight | White | • | Tan | Black | • | 131 | 1.0 | 1.0 | 36.3 |
| HALO 4:40 | 4.4 | LL | No | Moderate | White | Lt Tawny | Tan | Black | Ind | 117 | 1.4 | 1.0 | 40.3 |
| HALO 4:94 | 4.9 | LL | No | Tolerant | Purple | Gray | tan | Buff | Ind | 129 | 1.5 | 1.0 | 37.8 |
| HALO 4:95 | 4.9 | LL | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 125 | 1.9 | 1.0 | 36.5 |
| HALO 4:97 | 4.7 | LL/STS | No | Tolerant | Purple | Gray | Tan | Imp Black | Ind | 126 | 1.9 | 1.0 | 37.7 |
| HALO 5:01 | 5.0 | LL | No | Slight | Mix | gray | Tan | Imp Black | Ind | 128 | 1.5 | 1.0 | 42.5 |
| HALO 5:26 | 5.2 | LL | No | Slight | Purple | Gray | Tan | Imp Black | Det | 128 | 1.3 | 1.0 | 33.2 |
| HALO 5:45 | 5.4 | LL | No | Death | Purple | Gray | Brown | Buff | Det | 132 | 1.1 | 1.0 | 34.9 |
| HBK LL4650 | 4.6 | LL | No | Severe | Purple | Lt Tawny | • | Black | Ind | 121 | 1.1 | 1.0 | 35.3 |
| HBK LL4653 | 4.6 | LL | No | Slight | White | Gray | • | Buff | Ind | 121 | 1.0 | 1.0 | 32.3 |
| HBK LL4850 | 4.8 | LL | No | Slight | White | Tawny | • | Black | Ind | 128 | 1.7 | 1.0 | 39.0 |
| HBK LL4950 | 4.9 | LL | No | Slight | White | Gray | • | Buff | Ind | 129 | 1.4 | 1.0 | 40.6 |
| HBK LL4953 | 4.9 | LL | No | Slight | Purple | Gray | • | Imp Black | Ind | 129 | 1.2 | 1.0 | 39.0 |
| HBK RY4620 | 4.6 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 122 | 1.1 | 1.0 | 32.2 |
| HBK RY4721 | 4.7 | RR2/STS | Yes | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.1 | 1.0 | 36.4 |
| HBK RY5221 | 5.1 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Det | 130 | 1.7 | 1.0 | 37.8 |
| HBK RY5421 | 5.4 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Det | 129 | 1.3 | 1.0 | 34.2 |
| Hutcheson | | Conv. | No | Slight | White | Gray | Tan | Buff | Det | 128 | 2.2 | 1.0 | 32.9 |
| JTN-4307 | 4.3 | Conv. | No | Tolerant | Purple | Tawny | • | Black | Det | 127 | 1.5 | 1.0 | 37.0 |

2014 Soybean Update

Table 12. Agronomic Characteristics for Soybean Varieties and Strains in the Full-Season and Double-Crop Test, 2014. (Continued)

| Variety/Experimental Line | Maturity Group | Herbicide Tolerance | STS | Metribuzin Sensitivity | Flower Color | Pubescence | Pod Color | Hilum Color | Growth Habit | Avg. ¹² Days to Maturity | Avg. ¹³ Lodging | Avg. ¹⁴ Shatter | Avg. ¹⁵ Plant Height |
|---------------------------|----------------|---------------------|-----|------------------------|--------------|------------|-----------|-------------|--------------|-------------------------------------|----------------------------|----------------------------|---------------------------------|
| JTN-5110 | 5.1 | Conv. | No | Slight | Purple | Tawny | • | Black | Det | 133 | 1.3 | 1.0 | 33.5 |
| Leland | 5.1 | Conv. | No | Slight | White | Tawny | • | Black | Det | 128 | 1.9 | 1.0 | 35.3 |
| MorSoy Xtra 44X82 | 4.4 | RR2 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 116 | 1.1 | 1.0 | 37.9 |
| MorSoy Xtra 47X12 | 4.7 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 123 | 1.2 | 1.0 | 38.1 |
| MorSoy Xtra 48X02 | 4.8 | RR2 | No | Tolerant | Purple | Lt Tawny | Brown | Black | Ind | 125 | 1.5 | 1.0 | 35.2 |
| MorSoy Xtra 53X82 | 5.3 | RR2 | No | Slight | White | Gray | Tan | Buff | Det | 130 | 1.6 | 1.0 | 38.1 |
| MPG 4714 | 4.7 | RR1 | No | Slight | Purple | Lt Tawny | • | Black | Ind | 122 | 1.1 | 1.0 | 36.6 |
| MPG 5214NRR | 5.2 | RR1 | No | Slight | Purple | Tawny | • | Black | Ind | 129 | 2.1 | 1.0 | 36.8 |
| Mycogen 5N451R2 | 4.5 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 118 | 1.3 | 1.0 | 43.4 |
| Mycogen 5N478R2 | 4.7 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Brown | Black | Ind | 121 | 1.3 | 1.0 | 37.2 |
| NK S43-K1 Brand | 4.3 | RR2 | No | Slight | White | Lt Tawny | Brown | Black | Ind | 117 | 1.1 | 1.0 | 40.2 |
| NK S45-V8 Brand | 4.5 | RR2 | No | Slight | White | Tawny | Brown | Brown | Ind | 116 | 1.4 | 1.0 | 37.0 |
| NK S46-L2 Brand | 4.6 | RR2 | No | Slight | Purple | Gray | Brown | Buff | Ind | 122 | 1.1 | 1.0 | 33.7 |
| NK S49-F8 Brand | 4.9 | RR1 | No | Slight | White | Lt Tawny | Tan | Black | Ind | 127 | 1.2 | 1.0 | 34.5 |
| NK S52-Y2 Brand | 5.2 | RR2 | No | Tolerant | Purple | Lt Tawny | Tan | Black | Ind | 126 | 1.1 | 1.0 | 35.2 |
| Osage | 5.6 | Conv. | No | Severe | Purple | Gray | Tan | Imp Black | Det | 128 | 1.0 | 1.0 | 30.0 |
| Ozark | 5.2 | Conv. | No | Tolerant | Purple | Gray | Tan | Buff | Det | 128 | 1.7 | 1.0 | 32.5 |
| Pioneer P47T36R | 4.7 | RR1 | No | Moderate | White | Lt Tawny | • | Black | Ind | 124 | 1.0 | 1.0 | 34.3 |
| Pioneer P48T53R | 4.8 | RR1 | No | Slight | Purple | Tan | • | Black | Ind | 125 | 1.4 | 1.0 | 32.9 |
| Pioneer P49T97R | 4.9 | RR1 | No | Slight | White | Gray | • | Buff | Ind | 128 | 1.3 | 1.0 | 33.2 |
| Pioneer P50T64R | 5.0 | RR1 | No | Slight | White | Tan | • | Black | Det | 124 | 1.0 | 1.0 | 35.9 |
| Pioneer P54T94R | 5.4 | RR1 | No | Moderate | White | Tan | • | Black | Det | 128 | 1.0 | 1.0 | 33.7 |
| Progeny P 4211 RY | 4.2 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Ind | 117 | 1.1 | 1.0 | 38.5 |
| Progeny P 4510 RYS | 4.5 | RR2/STS | Yes | Slight | Purple | Lt Tawny | Tan | Black | Ind | 118 | 1.3 | 1.0 | 38.7 |
| Progeny P 4560 LL | 4.5 | LL | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 117 | 1.7 | 1.0 | 40.4 |
| Progeny P 4613 RYS | 4.6 | RR2/STS | Yes | Moderate | White | Gray | • | Buff | Ind | 124 | 1.4 | 1.0 | 35.6 |
| Progeny P 4747 RY | 4.7 | RR2 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.1 | 1.0 | 35.8 |
| Progeny P 4819 LL | 4.8 | LL | No | Slight | White | Tawny | Brown | Black | Ind | 126 | 1.7 | 1.0 | 35.1 |
| Progeny P 4850 RYS | 4.8 | RR2/STS | Yes | Slight | Purple | Gray | Tan | Imp Black | Ind | 125 | 1.4 | 1.0 | 35.0 |
| Progeny P 4900 RY | 4.9 | RR2 | No | Slight | Purple | Lt Tawny | Tan | Black | Ind | 128 | 1.2 | 1.0 | 34.9 |
| Progeny P 4928 LL | 4.9 | LL | No | Slight | Purple | Gray | Tan | Buff | Ind | 130 | 1.5 | 1.0 | 32.8 |
| Progeny P 4930 LL | 4.9 | LL | No | Tolerant | Purple | Gray | • | Imp Black | Ind | 130 | 1.2 | 1.0 | 36.2 |
| Progeny P 5160 LL | 5.1 | LL | No | Death | White | Tawny | Brown | Black | Det | 131 | 1.3 | 1.0 | 28.5 |
| Progeny P 5213 RY | 5.2 | RR2 | No | Severe | Purple | Lt Tawny | • | Black | Ind | 123 | 1.4 | 1.0 | 40.0 |
| Progeny P 5333 RY | 5.3 | RR2 | No | Slight | White | Gray | • | Buff | Det | 129 | 1.5 | 1.0 | 35.0 |
| Progeny P 5460 LL | 5.4 | LL | No | Tolerant | Purple | Lt. Tawny | Tan | Brown | Det | 125 | 1.2 | 1.0 | 41.4 |
| Progeny P 5555 RY | 5.5 | RR2 | No | Tolerant | Purple | Tawny | • | Brown | Det | 132 | 1.3 | 1.0 | 37.3 |
| Progeny P 5610 RY | 5.6 | RR2 | No | Slight | Purple | Gray | Tan | Imp Black | Det | 131 | 1.0 | 1.0 | 35.0 |
| Progeny P 5960 LL | 5.9 | LL | No | Death | White | Gray | Brown | Buff | Det | 131 | 1.0 | 1.0 | 35.0 |
| R04-1250RR | 5.5 | RR1 | No | Slight | Purple | Gray | • | Buff | Det | 130 | 1.4 | 1.0 | 38.2 |
| R05-3239 | 4.9 | Conv. | No | Tolerant | Purple | Tan | • | Black | • | 128 | 1.2 | 1.0 | 34.4 |
| R05-374 | 5.1 | Conv. | No | Slight | White | Gray | • | Buff | Det | 128 | 1.8 | 1.0 | 35.3 |
| R08-2797 | 4.7 | Conv. | No | Slight | White | Tawny | • | Black | Ind | 125 | 1.0 | 1.0 | 38.4 |
| R09-430 | 5.0 | Conv. | No | Slight | Purple | Gray | • | Black | • | 127 | 1.4 | 1.0 | 30.8 |
| R10-130RY | 5.2 | RR2 | No | Tolerant | Purple | Gray | • | • | • | 129 | 1.7 | 1.0 | 33.3 |
| R10-197RY | 5.6 | RR2 | No | Slight | Purple | Gray | • | • | • | 131 | 1.1 | 1.0 | 37.1 |
| R10-428RY | 5.1 | RR2 | No | Tolerant | Purple | Gray | • | • | • | 129 | 1.4 | 1.0 | 35.3 |
| REV® 46R64™ | 4.6 | RR1 | No | Slight | Purple | Lt Tawny | Brown | Black | Ind | 121 | 1.2 | 1.0 | 37.0 |
| REV® 47R34™ | 4.7 | RR1 | No | Moderate | Purple | Lt Tawny | Brown | Black | Ind | 123 | 1.5 | 1.0 | 33.8 |
| REV® 47R53™ | 4.7 | RR1 | No | Slight | Purple | Tawny | Brown | Black | Ind | 121 | 1.3 | 1.0 | 36.1 |
| REV® 48R22™ | 4.8 | RR1 | No | Slight | White | Lt Tawny | Brown | Black | Ind | 126 | 2.0 | 1.0 | 34.4 |
| REV® 48R44™ | 4.8 | RR1 | No | Slight | White | Lt Tawny | Brown | Black | Ind | 127 | 1.4 | 1.0 | 34.3 |
| REV® 49R94™ | 4.9 | RR1 | No | Slight | Purple | Tawny | Brown | Black | Ind | 126 | 1.6 | 1.0 | 36.3 |
| REV® 51R53™ | 5.1 | RR1 | No | Tolerant | Purple | Lt Tawny | Tan | Black | Ind | 127 | 1.2 | 1.0 | 36.4 |
| REV® 52R74™ | 5.2 | RR1 | No | Tolerant | White | Lt Tawny | Tan | Black | Ind | 127 | 1.4 | 1.0 | 34.7 |
| REV® 53R23™ | 5.3 | RR1 | No | Slight | White | Tawny | Brown | Brown | Det | 127 | 1.2 | 1.0 | 31.4 |
| REV® 54R84™ | 5.4 | RR1 | No | Slight | Purple | Tawny | Tan | Black | Det | 134 | 1.3 | 1.0 | 35.7 |
| REV® 55R53™ | 5.5 | RR1 | No | Tolerant | White | Tawny | Brown | Brown | Det | 129 | 1.4 | 1.0 | 35.9 |
| REV® 56R63™ | 5.6 | RR1 | No | Slight | White | Gray | Tan | Buff | Det | 133 | 1.6 | 1.0 | 40.9 |
| REV® 57R21™ | 5.7 | RR1 | No | Slight | Purple | Tawny | Tan | Brown | Det | 131 | 1.4 | 1.0 | 39.5 |
| UA 5213C | 5.2 | Conv. | No | Slight | Purple | Gray | Tan | Imp Black | Det | 126 | 1.6 | 1.0 | 34.9 |
| UA 5414RR | 5.4 | RR1 | No | Slight | White | Gray | • | Buff | Det | 129 | 1.5 | 1.0 | 34.4 |
| UA 5612 | 5.6 | Conv. | No | Slight | Purple | Gray | • | Imp Black | Det | 131 | 1.5 | 1.0 | 35.2 |
| USG 74B83R | 4.8 | RR2/STS | Yes | Slight | White | Lt Tawny | • | Black | Ind | 127 | 1.6 | 1.0 | 35.5 |
| USG 75Q42R | 5.4 | RR2 | No | Slight | White | Gray | Tan | Buff | Det | 131 | 1.3 | 1.0 | 36.3 |
| Willcross RY2494NS | 4.9 | RR2/STS | Yes | Tolerant | White | Lt Tawny | • | Black | Ind | 130 | 1.3 | 1.0 | 34.6 |
| Willcross WX2464NS | 4.6 | RR2/STS | Yes | Tolerant | White | Gray | • | Buff | • | 125 | 1.3 | 1.0 | 35.2 |

2014 Soybean Update

Key Codes for All Tables

“ ”
—
“•”
No Disease Data Available
Information Not Available

1. Keiser Irrigated = Northeast Research and Extension Center
Keiser Non-Irrigated = Northeast Research and Extension Center Non-Irrigated
Keiser DC-Irrigated = Northeast Research and Extension Center Double-Crop Test
Poinsett Co. = near Weiner, AR
Marianna Irrigated = Lon Mann Cotton Research Station
Stuttgart Irrigated = Rice Research and Extension Center
Rohwer = Southeast Research and Extension Center – Rohwer Division
Kibler Irrigated = Vegetable Research Station
2. Yields from the Marianna location were not reported due to insufficient test uniformity.
3. Average Yield from 2012 and 2014.
4. Average Yield from 2011, 2012, and 2014.
5. Average Yield from 2012 and 2014.
6. Average Yield from 2013 and 2014.
7. Average Yield from 2012, 2013, and 2014.
8. Soybean disease and nematode ratings were conducted by Drs. Kirkpatrick and Faske with support from the Arkansas Soybean Promotion Board. Disease ratings are characterized by the following scale:

0-1 = Resistant 2-3 = Moderately Resistant 4-5 = Moderately Susceptible
6-7 = Susceptible 8-9 = Very Susceptible

Additional soybean disease data can be accessed at the following website: <http://arkansasvarietytesting.com/home/soybean/>

1. Root-knot nematode ratings refer to the Southern Root-Knot Nematode, *Meloidogyne incognita* (see <http://comp.uark.edu/~avrtest/index.php?sb&content> for additional information on experimental methods.)
2. Ratings for soybean cyst nematode were evaluated at the Southwest Research and Extension Center, Hope. Only races 2, 3, 5, and 14 are currently being evaluated.
3. Chloride Sensitivity – Excluder varieties accumulate chloride and restrict it to the roots. Includer varieties accumulate chloride throughout the plants. Varieties with a Mixed population have both Includer and Excluder plants. Don't assume that high soluble salts constitute a chloride ion problem. Chloride levels should be determined by irrigation water tests and/or plant tissue analysis.
4. Days to maturity represent the average number of days (of all locations) from planting until 80% of the soybeans in the plot were thought to be mature.
5. Soybean lodging is an average of all locations and is reported using the following criteria: 1 = all plants erect, 2 = all plants slightly leaning or a few plants down, 3 = all plants moderately leaning or 25-50% of the plants are down, 4 = all plants considerably leaning or 50-80% of the plants are down, 5 = all plants down.
6. Soybean shattering is an average of all locations and is reported by using the following criteria: 1 = no shattering, 2 = 1-3% shattered, 3 = 4-8% shattered, 4 = 9-19% shattered, 5 = 20% or more shattered.
7. Soybean plant height reported in inches and is an average of all locations.
8. Yield from the Mid MG IV and Late MG V tests were not reported due to low and poor uniformity.
9. Only Maturity Group V varieties and strains are tested at the Kibler Location.
10. Average Yield from Marianna Irrigated, Stuttgart Irrigated, and Kibler Irrigated.
11. Average Yield from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated, and Rohwer Irrigated.