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Arkansas Soybean Performance Tests 2013

R. D. Bond

University of Arkansas, Fayetteville

D. G. Dombek

University of Arkansas, Fayetteville

J. A. Still

University of Arkansas, Fayetteville

R. M. Pryor

University of Arkansas, Fayetteville

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Arkansas Soybean Performance Tests

2013



R.D Bond • D.G. Dombek • J.A. Still • R.M. Pryor

UofA

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ARKANSAS SOYBEAN PERFORMANCE TESTS

2013

R.D. Bond
D.G. Dombek
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R.M. Pryor

**Arkansas Agricultural Experiment Station
University of Arkansas System
Division of Agriculture
Fayetteville, Arkansas 72701**

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Bob Robbins, Professor

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Michael Emerson, Extension Program Associate

Jeremy Ross, Extension Specialist - Soybeans

Northeast Research and Extension Center, Keiser

F.M. Bourland, Center Director

Max Wyss, Program Technician I

The Lon Mann Cotton Research Station, Marianna

Claude Kennedy, Resident Director

Matt Gregory, Program Technician I

Southeast Research and Extension Center, Monticello

Kelly Bryant, Center Director

Larry Earnest, Superintendent, Rohwer Research Station

Randy Cingolani, Program Technician III, Rohwer Research Station

Rice Research and Extension Center, Stuttgart

Chuck Wilson, Center Director

Jonathan McCoy, Program Technician II

Southwest Research and Extension Center, Hope

T.L. Kirkpatrick, Professor

Kimberly Hurst-Rowe, Program Associate

Vegetable Research Station, Kibler

Dennis Motes, Resident Director

Steve Eaton, Program Associate III

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ARKANSAS SOYBEAN PERFORMANCE TESTS¹

2013

R.D. Bond², D.G. Dombek³, J.A. Still⁴ and R.M. Pryor⁵

INTRODUCTION

Soybean variety and strain performance tests are conducted each year in Arkansas by the University of Arkansas System Division of Agriculture Arkansas Crop Variety Improvement Program. The tests provide information to companies developing varieties and/or marketing seed within the State, and aid the Arkansas Cooperative Extension Service in formulating variety recommendations for soybean producers.

METHODS

Varieties and strains were eligible for entry into three types of tests: Roundup Ready™ Early Planted Tests (RR EPTs), Roundup Ready™ Full Season Tests (RR FSTs) and Non Roundup Ready™ and LibertyLink™ Full Season Tests (NonRR and LL FSTs). Entries in the RR FSTs and NonRR and LL FSTs were also tested in Double-Crop Tests. To facilitate field operations and to allow for fairer comparisons between varieties and strains in all three types of tests, entries were divided into maturity classes based on information provided by the originating company or institution. Entries in the RR EPTs were divided into three maturity classes. Entries in the RR FSTs and NonRR and LL FSTs were divided into four maturity classes. Entries in the “Early” and “Late” Group IV RR EPTs, RR FSTs and NonRR and LL FSTs had relative maturities ranging from 4.0 to 4.6 and 4.7 to 4.9, respectively. Entries in the Group V RR EPTs had relative maturities ranging from 5.0 to 5.3. Entries in the “Early” and “Late” MG V RR FSTs and Non-RR and LL FSTs had relative maturities ranging from 5.0 to 5.5 and 5.6 to 5.9, respectively. The 2013 soybean performance tests contained 100 RR EPT entries, 169 RR FST entries, and 66 Non-RR and LL FST entries.

The 2013 soybean FSTs were conducted at the Northeast Research and Extension Center (NEREC) at Keiser, the Lon Mann Cotton Research Station (LMCRS) near Marianna, the Rice Research

and Extension Center (RREC) near Stuttgart, the Rohwer Research Station (RRS) near Rohwer and the Vegetable Research Station (VRS) near Kibler. The EPTs were established at the NEREC, the RRS, and the LMCRS. A test location map can be found inside the back cover.

Within each test, entries were arranged as a randomized complete block design with three or four replications. Plots in all tests were 4 or 5 rows wide depending on between-row spacing and 20-25 feet in length. Seeds were packaged for recommended planting rates and were planted with a cone planter. Specific location and cultural practice information accompany each table.

All rows of each plot were harvested for yield determination, except in the NEREC Irrigated and Non-Irrigated RR and NonRR FST tests, all RREC tests, and all VRS tests where only the interior rows were harvested. Percent moisture was recorded for all harvested seed and plot weights were adjusted to 13% moisture. Plot weights of all tests were converted to yield in bushels per acre (bu/A).

Plots were visually rated for shattering and lodging. Shattering ratings were carried out on border rows according to the following scale:

- | | |
|-------------------|--------------------------|
| 1. No shattering | 4. 9-19% shattered |
| 2. 1-3% shattered | 5. 20% or more shattered |
| 3. 4-8% shattered | |

Lodging ratings were recorded on a scale from 1 to 5 based on the following criteria:

1. Almost all plants erect
2. Either all plants leaning slightly, or a few plants down
3. Either all plants leaning moderately, or 25-50% of the plants down
4. Either all plants leaning considerably, or 50-80% of the plants down
5. All plants down badly

Average plant height was recorded in inches for each plot in the first replication of each test.

Variety Testing Website

This report and other information about variety testing for corn, cotton, grain sorghum, rice, and small grains can be found at www.ArkansasVarietyTesting.com. Disease ratings that do not appear in this or other reports may also be found on this Website.

¹Use of products and trade names in this report does not constitute a guarantee or warranty of the products named and does not signify that those products are approved to the exclusion of comparable products.

²Program Associate, Arkansas Agricultural Experiment Station, University of Arkansas, Fayetteville, Ark. 72701.

³Program Director, Arkansas Agricultural Experiment Station, University of Arkansas, Fayetteville, Ark. 72701.

⁴Program Technician II, Arkansas Agricultural Experiment Station, University of Arkansas, Fayetteville, Ark. 72701.

⁵Program Assistant, Arkansas Agricultural Experiment Station, University of Arkansas, Fayetteville, Ark. 72701.

Table 1. Yields of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Marianna	Rohwer	All-Location Average
<u>Maturity Group IV Early (RM 3.9 to 4.6)</u>				
AgBorn ABX 27041	RR1	56.4	59.8	58.1
AGS 43R212	RR2	72.0	71.5	71.8
AGS 45R212	RR2	65.2	55.3	60.2
ARMOR 44-R08	RR2	57.8	64.7	61.3
ARMOR 45-R60	RR2/STS	60.3	61.9	61.1
ARMOR X1401	RR2	65.0	65.9	65.4
ARMOR X1404	RR2/STS	66.8	63.4	65.1
ARMOR X1406	RR2/STS	53.4	60.5	56.9
ASGROW AG4232 GENRR2Y/STS	RR2/STS	63.0	67.7	65.3
ASGROW AG4632 GENRR2Y/STS	RR2/STS	59.0	67.6	63.3
Croplan R2C4391	RR2	63.8	65.4	64.6
Croplan R2C4412	RR2	60.9	63.4	62.1
Croplan R2C4541	RR2	53.9	60.2	57.1
Delta Grow 4670GENRR2Y	RR2	61.1	68.1	64.6
Dyna-Gro 31RY45	RR2	64.9	62.2	63.5
Dyna-Gro 39RY43	RR2	74.8	66.5	70.7
Dyna-Gro S44RS93	RR2/STS	59.4	60.6	60.0
LG C4544R2	RR2	65.6	63.3	64.4
LG C4625R2	RR2/STS	64.5	63.8	64.1
Morsoy Xtra 44X82	RR2	68.1	60.8	64.5
Morsoy Xtra 46X29	RR2	62.6	62.9	62.7
Morsoy Xtra EXP 44	RR2	55.0	63.1	59.1
MPG 4514NRR/STS	RR1/STS	61.9	62.3	62.1
Mycogen 5N423R2	RR2/STS	52.4	64.3	58.4
Mycogen 5N431R2	RR2	56.3	71.2	63.7
Mycogen 5N451R2	RR2	61.2	64.1	62.6
Progeny P 4211 RY	RR2	59.5	59.9	59.7
Progeny P 4313 RY	RR2	68.9	58.6	63.8
Progeny P 4510 RY	RR2	60.0	63.9	61.9
Progeny P 4613 RY	RR2	76.1	68.2	72.1
REV® 46R64™	RR1	63.1	62.3	62.7
REV® 46R73™	RR1	62.2	71.3	66.7
Schillinger 458.RCS	RR1/STS	67.2	54.4	60.8
USG 74A33R	RR2	63.2	63.3	63.3
GRAND MEAN		62.5	63.6	63.1
LSD (5%)		10.5	7.0	•
C.V.		14.3	9.4	•

Table 1. Yields of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Marianna	Rohwer	All-Location Average
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>				
AgBorn ABX 2105	RR1	53.0	56.9	55.0
AgBorn ABX 2499	RR1	47.8	66.9	57.3
AgBorn ABX 2784	RR1	47.0	60.4	53.7
AGS 47R212	RR2	55.5	66.7	61.1
ARMOR 4744	RR2/STS	50.2	61.5	55.9
ARMOR 47-R13	RR2/STS	53.0	66.0	59.5
ARMOR 48-R40	RR2/STS	60.9	65.6	63.3
ARMOR 48-R66	RR2/STS	63.0	61.5	62.2
ARMOR 49-R56	RR2	58.5	58.4	58.4
ARMOR X1409	RR2	56.7	58.9	57.8
Croplan R2C4752S	RR2/STS	52.1	71.2	61.6
Croplan R2C4772	RR2	55.2	59.7	57.5
Croplan R2C4801S	RR2/STS	50.5	60.2	55.4
Delta Grow 4755GENRR2Y	RR2	52.7	67.8	60.2
Delta Grow 4765GENRR2Y/STS	RR2/STS	65.3	64.6	65.0
Delta Grow 4825GENRR2Y/STS	RR2/STS	66.0	59.3	62.6
Delta Grow 4880RR	RR1	66.8	58.3	62.6
Delta Grow 4925GENRR2Y	RR2	47.5	58.3	52.9
Delta Grow 4940RR	RR1	61.6	54.8	58.2
Delta Grow 4970RR	RR1	45.8	63.0	54.4
Dyna-Gro S48RS53	RR2/STS	63.9	61.8	62.9
LG C4780R2	RR2/STS	56.3	63.9	60.1
LG C4867R2	RR2/STS	63.0	61.3	62.1
Morsoy Xtra 47X12	RR2	55.6	71.3	63.4
Morsoy Xtra 48X02	RR2	64.3	65.4	64.9
Morsoy Xtra 49X14	RR2	62.5	57.1	59.8
MPG 4714NRR	RR1	52.8	60.1	56.4
Mycogen 5N478RR2	RR1/STS	59.6	61.2	60.4
Progeny P 4710 RY	RR2	54.0	57.8	55.9
Progeny P 4747 RY	RR2	61.2	67.5	64.4
Progeny P 4850 RY	RR2	59.8	69.8	64.8
Progeny P 4900 RY	RR2	62.0	71.6	66.8
REV® 47R34™	RR1	62.8	72.5	67.6
REV® 47R53™	RR1	56.5	56.6	56.5
REV® 48R22™	RR1	61.4	63.2	62.3
REV® 48R33™	RR1	62.9	58.2	60.6
REV® 48R44™	RR1	73.7	60.8	67.2
REV® 49R22™	RR1	54.2	60.6	57.4
REV® 49R94™	RR1	62.6	68.5	65.5
Schillinger 4712R2	RR2	57.8	55.6	56.7
Schillinger 478.RCS	RR1/STS	60.3	62.9	61.6
Schillinger 495.RC	RR1	59.4	66.2	62.8
Schillinger 4990.RC	RR1	67.7	60.3	64.0

Table 1. Yields of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Marianna	Rohwer	All-Location Average
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>				
USG 74B81R	RR2/STS	48.3	62.8	55.6
USG 74B83R	RR2/STS	64.2	67.6	65.9
USG 74E88	RR1/STS	53.6	58.2	55.9
USG 74H92R	RR2	62.1	56.5	59.3
GRAND MEAN		58.1	62.5	60.3
LSD (5%)		9.4	7.7	•
C.V.		13.8	10.6	•
<u>Maturity Group V (RM 5.0 to 5.3)</u>				
ARMOR X1312	RR2	49.2	53.2	51.2
ARMOR X1410	RR2	54.9	51.9	53.4
ARMOR X1413	RR2	63.9	54.1	59.0
Croplan R2C5081	RR2	53.6	57.6	55.6
Croplan R2C5342	RR2	52.1	48.1	50.1
Delta Grow 5125GENRR2Y	RR2	57.0	58.8	57.9
Delta Grow 5130GENRR2Y	RR2	62.4	51.1	56.8
Dyna-Gro S53RY23	RR2	48.8	50.4	49.6
LG C5122R2	RR2	61.3	49.7	55.5
MPG-S-5214NRR	RR1	52.9	55.6	54.3
Progeny P 5111 RY	RR2	57.5	60.3	58.9
Progeny P 5210 RY	RR2	52.7	49.5	51.1
Progeny P 5213 RY	RR2	52.4	51.6	52.0
Progeny P 5333 RY	RR2	57.0	50.7	53.8
REV® 51R53™	RR1	64.1	57.5	60.8
REV® 52R74™	RR1	62.9	55.6	59.3
REV® 53R23™	RR1	63.1	48.9	56.0
S09-6201R	RR1	61.6	58.1	59.9
Schillinger 5220.RC	RR1	56.0	56.3	56.1
GRAND MEAN		57.0	53.6	55.3
LSD (5%)		9.1	5.9	•
C.V.		13.4	9.3	•

¹Marianna = Lon Mann Cotton Research Station.

Rohwer = Rohwer Research Station.

²Tests were planted at the Poinsett County location on May 1 and replanted on May 29. Immediately following both planting dates the area received heavy rainfall resulting in inadequate stands. Efforts were made to salvage these tests after each planting to no avail. The tests were ultimately abandoned due to how late in the year a third planting would have been. Tests at the Keiser location were never planted due to unfavorable field conditions through the months of April and May. Keiser's Sharkey silty clay soil series is prone to long periods of saturation resulting in lengthy delays in land preparation and plot establishment.

Table 2. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains, Lon Mann Cotton Research Station, Marianna, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average
.....bu/A.....			
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>			
Progeny P 4613 RYS	76.1	•	•
Dyna-Gro 39RY43	74.8	68.4	72.0
AGS 43R212	72.0	•	•
Progeny P 4313 RY	68.9	•	•
Morsoy Xtra 44X82	68.1	68.2	•
Schillinger 458.RCS	67.2	66.7	70.4
ARMOR X1404	66.8	•	•
LG C4544R2	65.6	•	•
AGS 45R212	65.2	•	•
ARMOR X1401	65.0	•	•
Dyna-Gro 31RY45	64.9	65.4	67.9
LG C4625R2	64.5	64.1	•
Croplan R2C4391	63.8	65.5	•
USG 74A33R	63.2	•	•
REV® 46R64™	63.1	•	•
ASGROW AG4232 GENRR2Y/STS	63.0	64.5	•
Morsoy Xtra 46X29	62.6	62.1	66.4
REV® 46R73™	62.2	•	•
MPG 4514NRR/STS	61.9	•	•
Mycogen 5N451R2	61.2	•	•
Delta Grow 4670GENRR2Y	61.1	64.5	69.4
Croplan R2C4412	60.9	•	•
ARMOR 45-R60	60.3	59.0	•
Progeny P 4510 RYS	60.0	63.2	67.0
Progeny P 4211 RY	59.5	65.9	71.1
Dyna-Gro S44RS93	59.4	•	•
ASGROW AG4632 GENRR2Y/STS	59.0	59.0	64.8
ARMOR 44-R08	57.8	63.2	•
AgBorn ABX 27041	56.4	•	•
Mycogen 5N431R2	56.3	•	•
Morsoy Xtra EXP 44	55.0	•	•
Croplan R2C4541	53.9	60.6	•
ARMOR X1406	53.4	•	•
Mycogen 5N423R2	52.4	•	•
GRAND MEAN	62.5	•	•
LSD (5%)	10.5	•	•
C.V.	14.3	•	•

**Table 2. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains,
Lon Mann Cotton Research Station, Marianna, Ark., 2013, Continued.**

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average
.....bu/A.....			
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>			
REV® 48R44™	73.7	•	•
Schillinger 4990.RC	67.7	•	•
Delta Grow 4880RR	66.8	58.0	58.4
Delta Grow 4825GENRR2Y/STS	66.0	67.7	•
Delta Grow 4765GENRR2Y/STS	65.3	63.3	•
Morsoy Xtra 48X02	64.3	62.2	•
USG 74B83R	64.2	•	•
Dyna-Gro S48RS53	63.9	61.2	•
ARMOR 48-R66	63.0	•	•
LG C4867R2	63.0	•	•
REV® 48R33™	62.9	61.2	65.7
REV® 47R34™	62.8	•	•
REV® 49R94™	62.6	•	•
Morsoy Xtra 49X14	62.5	•	•
USG 74H92R	62.1	59.7	•
Progeny P 4900 RY	62.0	59.4	•
Delta Grow 4940RR	61.6	•	•
REV® 48R22™	61.4	57.8	59.7
Progeny P 4747 RY	61.2	58.1	•
ARMOR 48-R40	60.9	59.5	62.7
Schillinger 478.RCS	60.3	60.8	61.2
Progeny P 4850 RYS	59.8	59.2	•
Mycogen 5N478RR2	59.6	•	•
Schillinger 495.RC	59.4	61.6	61.7
ARMOR 49-R56	58.5	57.0	•
Schillinger 4712R2	57.8	•	•
ARMOR X1409	56.7	•	•
REV® 47R53™	56.5	58.8	61.0
LG C4780R2	56.3	59.6	•
Morsoy Xtra 47X12	55.6	57.9	•
AGS 47R212	55.5	•	•
Croplan R2C4772	55.2	•	•
REV® 49R22™	54.2	•	•
Progeny P 4710 RYS	54.0	52.2	55.8
USG 74E88	53.6	53.7	60.1
ARMOR 47-R13	53.0	55.5	•
AgBorn ABX 2105	53.0	•	•
MPG 4714NRR	52.8	•	•
Delta Grow 4755GENRR2Y	52.7	59.7	•
Croplan R2C4752S	52.1	•	•
Croplan R2C4801S	50.5	54.2	•
ARMOR 4744	50.2	53.4	57.5
USG 74B81R	48.3	56.2	61.8

Table 2. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains, Lon Mann Cotton Research Station, Marianna, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average
.....bu/A.....			
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>			
AgBorn ABX 2499	47.8	•	•
Delta Grow 4925GENRR2Y	47.5	55.9	•
AgBorn ABX 2784	47.0	•	•
Delta Grow 4970RR	45.8	54.3	54.0
GRAND MEAN	58.1	•	•
LSD (5%)	9.4	•	•
C.V.	13.8	•	•
<u>Maturity Group V (RM 5.0 to 5.3)</u>			
REV® 51R53™	64.1	63.8	67.4
ARMOR X1413	63.9	•	•
REV® 53R23™	63.1	54.1	•
REV® 52R74™	62.9	56.4	•
Delta Grow 5130GENRR2Y	62.4	•	•
S09-6201R	61.6	•	•
LG C5122R2	61.3	•	•
Progeny P 5111 RY	57.5	54.1	57.5
Delta Grow 5125GENRR2Y	57.0	•	•
Progeny P 5333 RY	57.0	•	•
Schillinger 5220.RC	56.0	57.6	•
ARMOR X1410	54.9	•	•
Croplan R2C5081	53.6	53.0	55.4
MPG-S-5214NRR	52.9	•	•
Progeny P 5210 RY	52.7	54.8	56.1
Progeny P 5213 RY	52.4	•	•
Croplan R2C5342	52.1	•	•
ARMOR X1312	49.2	57.3	•
Dyna-Gro S53RY23	48.8	48.5	•
GRAND MEAN	57.0	•	•
LSD (5%)	9.1	•	•
C.V.	13.4	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, and 2013.

**Table 2. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains,
Lon Mann Cotton Research Station, Marianna, Ark., 2013, Continued.**

Soil Series	Calloway silt loam
Previous Crop	Soybean
pH	7.8
Row Width	Four 7.5-inch rows on two 38-inch beds
Fertilizer Applied	80 lb/A P, 140 lb/A K, 3/27
Planting Date	4/30
Herbicide Applications	Roundup, Firstshot, Dicamba, 3/8; Valor, 4/30, 5/2; Flexstar, 6/11; Roundup + Dual Magnum, 6/21; Roundup, 7/2
Irrigation Dates	6/13, 6/22, 6/29, 7/6, 7/10, 8/1, 8/20, 9/16
Harvest Dates	MG 4E, 9/26; MG 4L, 9/26; MG 5, 9/26

	Precipitation (inches)				
	May	June	July	August	Sept.
2013	7.2	0.7	2.8	2.9	4.4
Average	5.1	3.9	3.8	2.6	2.5
Departure	+2.1	-3.2	-1.0	+0.3	+1.9
Total	18.0	23.0	-5.0		

Table 3. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
AGS 43R212	71.5	•	•	9/09	1.0	1.0	33
REV® 46R73™	71.3	•	•	9/04	1.0	1.0	34
Mycogen 5N431R2	71.2	•	•	9/12	1.0	1.0	31
Progeny P 4613 RYS	68.2	•	•	9/14	1.5	1.0	39
Delta Grow 4670GENRR2Y	68.1	69.2	72.6	9/12	1.0	1.0	34
ASGROW AG4232 GENRR2Y/STS	67.7	66.2	•	9/07	1.3	1.0	34
ASGROW AG4632 GENRR2Y/STS	67.6	68.7	72.9	9/14	1.3	1.0	36
Dyna-Gro 39RY43	66.5	67.2	71.9	9/12	1.3	1.0	35
ARMOR X1401	65.9	•	•	9/07	1.0	1.0	27
Croplan R2C4391	65.4	67.1	•	9/11	1.0	1.0	32
ARMOR 44-R08	64.7	67.2	•	9/12	1.0	1.0	30
Mycogen 5N423R2	64.3	•	•	9/07	1.0	1.0	29
Mycogen 5N451R2	64.1	•	•	9/10	1.0	1.0	35
Progeny P 4510 RYS	63.9	67.9	72.1	9/09	1.0	1.0	25
LG C4625R2	63.8	66.1	•	9/11	1.0	1.0	29
ARMOR X1404	63.4	•	•	9/14	1.5	1.0	29
Croplan R2C4412	63.4	•	•	9/08	1.0	1.0	33
LG C4544R2	63.3	•	•	9/11	1.0	1.0	36
USG 74A33R	63.3	•	•	9/06	1.0	1.0	30
Morsoy Xtra EXP 44	63.1	•	•	9/06	1.0	1.0	24
Morsoy Xtra 46X29	62.9	67.0	71.1	9/11	1.0	1.0	35
MPG 4514NRR/STS	62.3	•	•	9/08	1.0	1.0	35
REV® 46R64™	62.3	•	•	9/09	1.0	1.0	34
Dyna-Gro 31RY45	62.2	63.8	69.8	9/10	1.0	1.0	32
ARMOR 45-R60	61.9	62.6	•	9/08	1.0	1.0	26
Morsoy Xtra 44X82	60.8	65.0	•	9/09	1.0	1.0	29
Dyna-Gro S44RS93	60.6	•	•	9/08	1.0	1.0	29
ARMOR X1406	60.5	•	•	9/08	1.3	1.0	35
Croplan R2C4541	60.2	62.8	•	9/12	1.0	1.0	36
Progeny P 4211 RY	59.9	63.9	70.7	9/11	1.0	1.0	31
AgBorn ABX 27041	59.8	•	•	9/05	1.0	1.0	28
Progeny P 4313 RY	58.6	•	•	9/07	1.0	1.0	35
AGS 45R212	55.3	•	•	9/13	1.0	1.0	36
Schillinger 458.RCS	54.4	61.2	66.3	9/10	1.0	1.0	33
GRAND MEAN	63.6	•	•	9/09	1.1	1.0	32
LSD (5%)	7.0	•	•	3	0.3	•	•
C.V.	9.4	•	•	29	21.1	•	•

Table 3. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013, Continued.

Keweenaw Research Station, Keweenaw, Ark., 2019, Continued.							
Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
REV® 47R34™	72.5	•	•	9/13	1.5	1.0	35
Progeny P 4900 RY	71.6	73.1	•	9/15	1.0	1.0	35
Morsoy Xtra 47X12	71.3	73.7	•	9/11	1.5	1.0	36
Croplan R2C4752S	71.2	•	•	9/11	1.3	1.0	36
Progeny P 4850 RYS	69.8	70.5	•	9/10	1.0	1.0	39
REV® 49R94™	68.5	•	•	9/15	1.0	1.0	36
Delta Grow 4755GENRR2Y	67.8	72.6	•	9/13	1.0	1.0	37
USG 74B83R	67.6	•	•	9/13	1.3	1.0	35
Progeny P 4747 RY	67.5	69.0	•	9/14	1.0	1.0	36
AgBorn ABX 2499	66.9	•	•	9/16	1.3	1.0	38
AGS 47R212	66.7	•	•	9/14	1.0	1.0	33
Schillinger 495.RC	66.2	62.5	67.6	9/15	2.3	1.0	41
ARMOR 47-R13	66.0	69.4	•	9/11	1.5	1.0	41
ARMOR 48-R40	65.6	68.8	73.9	9/13	1.0	1.0	35
Morsoy Xtra 48X02	65.4	68.4	•	9/11	1.0	1.0	39
Delta Grow 4765GENRR2Y/STS	64.6	67.1	•	9/11	1.0	1.0	38
LG C4780R2	63.9	66.4	•	9/11	1.0	1.0	38
REV® 48R22™	63.2	66.3	69.2	9/09	1.0	1.0	38
Delta Grow 4970RR	63.0	62.6	65.8	9/16	2.8	1.0	34
Schillinger 478.RCS	62.9	66.1	69.3	9/14	1.3	1.0	38
USG 74B81R	62.8	63.7	68.6	9/14	1.0	1.0	37
Dyna-Gro S48RS53	61.8	67.5	•	9/12	1.0	1.0	37
ARMOR 4744	61.5	67.1	70.9	9/13	1.0	1.0	35
ARMOR 48-R66	61.5	•	•	9/15	1.8	1.0	32
LG C4867R2	61.3	•	•	9/14	2.0	1.0	34
Mycogen 5N478RR2	61.2	•	•	9/11	1.5	1.0	38
REV® 48R44™	60.8	•	•	9/13	1.0	1.0	37
REV® 49R22™	60.6	•	•	9/11	1.3	1.0	40
AgBorn ABX 2784	60.4	•	•	9/10	1.3	1.0	39
Schillinger 4990.RC	60.3	•	•	9/14	1.0	1.0	37
Croplan R2C4801S	60.2	63.1	•	9/11	1.3	1.0	40
MPG 4714NRR	60.1	•	•	9/11	1.3	1.0	37
Croplan R2C4772	59.7	•	•	9/13	1.0	1.0	31
Delta Grow 4825GENRR2Y/STS	59.3	67.3	•	9/13	1.8	1.0	34
ARMOR X1409	58.9	•	•	9/13	1.5	1.0	35
ARMOR 49-R56	58.4	65.2	•	9/15	1.0	1.0	33
Delta Grow 4925GENRR2Y	58.3	62.2	•	9/15	1.0	1.0	37
Delta Grow 4880RR	58.3	62.9	69.8	9/13	1.3	1.0	34
REV® 48R33™	58.2	60.2	67.8	9/12	1.0	1.0	39
USG 74E88	58.2	62.3	68.4	9/07	1.0	1.0	33
Progeny P 4710 RYS	57.8	62.1	66.2	9/14	1.0	1.0	40
Morsoy Xtra 49X14	57.1	•	•	9/14	1.0	1.0	34
AgBorn ABX 2105	56.9	•	•	9/15	1.3	1.0	38

Table 3. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
REV® 47R53™	56.6	61.9	68.3	9/07	1.0	1.0	35
USG 74H92R	56.5	64.9	•	9/14	1.0	1.0	37
Schillinger 4712R2	55.6	•	•	9/04	1.5	1.0	33
Delta Grow 4940RR	54.8	•	•	9/16	2.5	1.0	42
GRAND MEAN	62.5	•	•	9/12	1.3	1.0	37
LSD (5%)	7.7	•	•	3	0.5	•	•
C.V.	10.6	•	•	18	34.2	•	•
<u>Maturity Group V (RM 5.0 to 5.3)</u>							
Progeny P 5111 RY	60.3	59.7	64.8	9/14	1.3	1.0	37
Delta Grow 5125GENRR2Y	58.8	•	•	9/15	1.0	1.0	35
S09-6201R	58.1	•	•	9/12	1.0	1.0	35
Croplan R2C5081	57.6	64.4	69.0	9/16	1.0	1.0	35
REV® 51R53™	57.5	62.9	66.9	9/15	1.0	1.0	32
Schillinger 5220.RC	56.3	62.0	•	9/12	1.3	1.0	35
MPG-S-5214NRR	55.6	•	•	9/15	2.0	1.0	36
REV® 52R74™	55.6	62.9	•	9/14	1.0	1.0	37
ARMOR X1413	54.1	•	•	9/14	1.3	1.0	48
ARMOR X1312	53.2	59.6	•	9/17	1.0	1.0	33
ARMOR X1410	51.9	•	•	9/15	1.0	1.0	39
Progeny P 5213 RY	51.6	•	•	9/16	1.0	1.0	40
Delta Grow 5130GENRR2Y	51.1	•	•	9/15	1.0	1.0	36
Progeny P 5333 RY	50.7	•	•	9/11	1.0	1.0	36
Dyna-Gro S53RY23	50.4	55.8	•	9/14	1.5	1.0	34
LG C5122R2	49.7	•	•	9/18	1.0	1.0	36
Progeny P 5210 RY	49.5	56.1	57.7	9/15	1.8	1.0	30
REV® 53R23™	48.9	59.5	•	9/17	1.0	1.0	30
Croplan R2C5342	48.1	•	•	9/13	1.5	1.0	35
GRAND MEAN	53.6	•	•	9/14	1.2	1.1	36
LSD (5%)	5.9	•	•	2	0.4	•	•
C.V.	9.3	•	•	14	30.3	•	•

¹Average Yield for 2012 and 2013²Average Yield for 2011, 2012, and 2013

**Table 3. Performance of Irrigated, Early Planted, Roundup Ready™ Soybean Varieties and Strains,
Rohwer Research Station, Rohwer, Ark., 2013, Continued.**

Soil Series	Hebert silt loam
Previous Crop	Cotton
Row Width	Four 7.5-inch rows on two 38-inch beds
Fertilizer Applied	36 lb/A N, 80 lb/A P, 120 lb/A K, 10 lb/A Zn, 3/21
Planting Date	5/8
Herbicide Applications	Dual Magnum, 5/9; Prefix + Roundup PowerMax, 5/29; Roundup PowerMax, 6/3; Roundup PowerMax + Flexstar, 7/11
Insecticide Applications	Besiege, 8/7
Irrigation Dates	6/19, 6/28, 7/5, 7/11, 7/26, 8/6, 8/20, 8/26
Harvest Dates	MG 4E, 9/26; MG 4L, 9/27; MG 5, 9/28

	Precipitation (inches)					
	April	May	June	July	August	Total
2013	6.1	5.7	2.1	1.9	1.6	17.4
Average	4.6	5.1	3.5	3.3	2.5	19.0
Departure	+1.5	+0.6	-1.4	-1.4	-0.9	-1.6

Table 4. Yields of Maturity Groups IV and V, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average	
		Keiser		Double-Crop		Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴ Loam		Clay ⁵ Average		
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	Double-Crop Non-Irrigated				Average	Average			
.....bu/A.....													
Maturity Group IV Early (RM 4.0 to 4.6)													
Dyna-Gro 39RY43 ⁶	RR2	76.4	52.5	66.5	61.8	53.4	•	•	62.2	62.1			
Go Soy 4411 LL	LL	69.5	47.7	69.7	60.9	52.5	•	•	59.9	60.1			
Go Soy 4512 LL	LL	73.8	54.1	74.7	60.8	50.5	•	•	63.3	62.8			
HALO 4:40	LL	73.7	47.6	70.8	68.9	47.5	•	•	59.9	61.7			
HALO 4:65	LL	75.3	51.1	70.2	70.1	54.7	•	•	62.8	64.3			
HALO X466	LL	73.4	49.5	66.0	70.9	48.6	•	•	59.4	61.7			
HBK LL4650	LL	74.7	52.3	69.4	66.6	56.2	•	•	63.1	63.8			
HBK LL4653	LL	73.9	48.1	63.1	64.8	51.5	•	•	59.1	60.3			
Pioneer P43T14L™	LL	71.1	48.7	66.7	61.5	44.0	•	•	57.6	58.4			
Progeny P 4560 LL	LL	75.1	50.4	68.8	65.7	52.4	•	•	61.7	62.5			
S09-9943	Conv.	77.7	51.5	68.1	67.6	53.6	•	•	62.7	63.7			
GRAND MEAN		74.1	50.3	68.5	65.4	51.4	•	•	61.1	61.9			
LSD (5%)		4.5	6.1	6.7	10.2	6.2	•	•	5.9	6.8			
C.V.		4.4	8.7	6.9	11.1	8.6	•	•	7.1	7.9			
Maturity Group IV Late (RM 4.7 to 4.9)													
ARMOR 48-R40 ⁶	RR2/STS	74.9	51.4	62.9	71.2	50.4	•	•	59.9	62.1			
ARMOR 49-C3	Conv.	73.2	49.3	72.3	70.1	55.9	•	•	62.7	64.2			
ARMOR X47C	Conv./STS	70.3	48.8	69.9	71.7	54.0	•	•	60.7	62.9			
ARMOR X48C	Conv./STS	76.3	48.9	67.5	71.2	50.7	•	•	60.9	62.9			
ARMOR X49C	Conv./STS	75.6	57.4	69.9	66.0	64.1	•	•	66.7	66.6			
Delta Grow 4867LL	LL	70.9	42.4	71.0	64.7	55.3	•	•	59.9	60.9			
Delta Grow 4967LL	LL	71.4	49.4	71.7	73.5	66.8	•	•	64.8	66.6			
Delta Grow 4981LL	LL/STS	69.4	54.5	81.7	71.1	67.5	•	•	68.3	68.8			
Delta Grow 4990LL	LL	74.8	50.2	68.9	75.7	60.1	•	•	63.5	65.9			
Dyna-Gro S49LL34	LL	77.1	50.6	71.1	75.0	67.7	•	•	66.6	68.3			
Go Soy 4711 LL	LL	64.8	44.8	68.3	66.2	52.4	•	•	57.6	59.3			

Table 4. Yields of Maturity Groups IV and V, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average	
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴		Clay ⁵ Average			
								Loam Average	Average				
.....bu/A.....													
Maturity Group IV Late (RM 4.7 to 4.9) Continued													
Go Soy 4812 LL	LL	76.9	49.7	64.3	72.0	59.1	•	•	62.5	64.4			
Go Soy 4912 LL	LL	73.5	54.7	77.5	67.1	64.9	•	•	67.6	67.5			
HALO 4:94	LL	72.5	54.1	70.2	76.6	63.6	•	•	65.1	67.4			
HALO 4:95	LL	73.9	45.5	64.8	69.3	57.5	•	•	60.4	62.2			
HALO 4:97	LL/STS	64.8	45.9	72.5	72.3	59.8	•	•	60.7	63.1			
HALO 5:01	LL	74.5	59.2	84.2	66.1	69.6	•	•	71.9	70.7			
HALO X496	LL	74.9	51.5	80.6	73.3	65.4	•	•	68.1	69.2			
HBK LL4850	LL	65.3	50.4	69.8	72.9	53.5	•	•	59.8	62.4			
HBK LL4950	LL	74.2	55.2	82.8	75.1	58.8	•	•	67.7	69.2			
HBK LL4953	LL	79.6	56.6	77.1	74.7	67.2	•	•	70.1	71.0			
Progeny P 4819 LL	LL	72.0	46.0	59.7	70.1	58.8	•	•	59.1	61.3			
Progeny P 4928 LL	LL	67.6	55.2	70.6	73.9	56.6	•	•	62.5	64.8			
Progeny P 4930 LL	LL	69.6	52.3	82.7	74.3	63.0	•	•	66.9	68.4			
R08-2797	Conv.	63.7	46.8	59.2	73.1	53.9	•	•	55.9	59.3			
S09-10871	Conv.	68.0	49.4	68.8	68.3	57.2	•	•	60.9	62.4			
S09-13608	Conv.	72.7	48.8	62.8	72.9	53.6	•	•	59.5	62.1			
UA 4913C	Conv.	72.0	47.4	84.7	66.6	61.3	•	•	66.4	66.4			
GRAND MEAN		71.9	50.6	71.7	71.2	59.6	•	•	63.5	65.0			
LSD (5%)		6.6	5.4	9.1	4.6	6.7	•	•	6.9	6.5			
C.V.		6.7	7.9	7.4	4.8	8.2	•	•	7.5	7.0			
Maturity Group V (RM 5.0 to 5.9)													
Delta Grow 5361LL	LL	68.3	49.2	65.4	67.0	65.8	57.1	62.1	62.2	62.1			
Delta Grow 5461LL	LL	73.2	50.7	62.5	75.6	64.5	54.6	65.1	62.7	63.5			
Delta Grow 5481LL	LL	71.3	53.9	63.6	66.5	64.9	60.2	63.3	63.4	63.4			
Dyna-Gro 341153	LL	80.1	49.5	70.6	65.0	60.0	56.1	60.6	65.1	63.6			

Table 4. Yields of Maturity Groups IV and V, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average	
		Keiser Irrigated	Keiser Non-Irrigated	Double-Irrigated		Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated		Silt ⁴ Loam			Clay ⁵ Average
				Irrigated	Crop			Irrigated	Average	Average	Average		
Maturity Group V (RM 5.0 to 5.9) Continued													
Go Soy 5010 LL	LL	67.6	50.3	63.7	65.6	60.7	47.4	56.5	60.6	59.2			
Go Soy 5111 LL	LL	73.1	53.0	59.8	63.2	66.0	51.6	57.4	63.0	61.1			
Go Soy 5312 LL	LL	71.9	47.4	62.1	66.5	59.9	54.2	60.3	60.3	60.3			
Go Soy 5410 LL	LL	77.0	48.8	67.8	78.2	69.2	52.6	65.4	65.7	65.6			
HALO 5:01-5	LL	74.3	46.3	69.5	75.0	62.5	57.3	66.2	63.2	64.2			
HALO 5:26	LL	66.2	48.9	60.6	65.3	65.0	49.2	57.2	60.2	59.2			
HALO 5:45	LL	72.8	57.1	69.9	66.8	71.8	50.9	58.8	67.9	64.9			
HALO X530	LL/STS	72.2	47.5	68.3	69.5	67.6	54.4	61.9	63.9	63.2			
HBK LL5350	LL	67.7	46.2	63.4	66.5	57.9	53.8	60.1	58.8	59.2			
Hutcheson	Conv.	67.6	43.0	62.4	63.8	60.7	46.8	55.3	58.4	57.4			
JTN-4307	Conv.	57.0	40.2	50.4	59.2	53.2	47.6	53.4	50.2	51.3			
JTN-5110	Conv.	72.5	48.9	60.4	68.8	67.0	56.1	62.5	62.2	62.3			
JTN-5203	Conv.	75.0	46.5	72.0	73.1	68.3	61.7	67.4	65.5	66.1			
Leland	Conv.	73.9	53.1	67.0	72.7	60.5	57.7	65.2	63.6	64.2			
Osage	Conv.	76.1	52.9	62.3	69.2	63.5	53.8	61.5	63.7	63.0			
Ozark	Conv.	74.0	47.4	66.5	61.9	61.4	51.0	56.5	62.3	60.4			
Pioneer P53T51L™	LL	73.4	47.8	58.6	70.5	64.3	55.3	62.9	61.0	61.7			
Progeny P 5160 LL	LL	72.9	50.3	68.6	68.1	57.2	56.5	62.3	62.2	62.3			
Progeny P 5460 LL	LL	62.2	50.0	59.6	79.7	54.5	53.4	66.5	56.6	59.9			
Progeny P 5960 LL	LL	74.9	51.0	67.7	70.4	67.5	51.8	61.1	65.3	63.9			
R05-374	Conv.	70.2	50.6	68.4	77.0	59.3	54.4	65.7	62.1	63.3			
R09-430	Conv.	75.5	48.3	64.5	70.5	58.6	• ⁷	•	61.7	60.5			
REV® 57R21™ ⁶	RR1	71.6	53.1	66.5	73.5	74.4	45.6	59.6	66.4	64.1			
S09-13635	Conv.	66.8	47.0	67.6	69.6	67.6	59.5	64.6	62.3	63.0			
UA 5213C	Conv.	71.9	40.8	65.5	78.2	61.6	52.2	65.2	60.0	61.7			
UA 5612	Conv.	74.5	52.3	64.9	72.4	63.2	52.4	62.4	63.7	63.3			
GRAND MEAN		71.5	49.1	64.7	69.6	63.3	53.6	61.6	62.1	62.0			
LSD (5%)		10.2	5.2	5.2	5.3	9.2	5.0	5.1	7.4	6.7			
C.V.		10.5	7.7	5.8	5.6	10.7	6.8	6.2	8.7	7.8			

Table 4. Yields of Maturity Groups IV and V, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Non-Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Double-Crop Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Sharkey silty clay.

Rohwer Irrigated = Rohwer Research Station. Soil series = Sharkey clay.

Kibler Irrigated = Vegetable Research Station. Soil series = Roxanna silt loam.

²Yields from the Marianna location were not reported due to low yields and poor uniformity.

³Only Maturity Group V varieties and strains tested at the Kibler location. Tests were planted at this location on May 29 and replanted on June 25. Immediately following the first planting date the area received heavy rainfall resulting in inadequate stands.

⁴Average yields from Stuttgart Irrigated and Kibler Irrigated.

⁵Average yields from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated and Rohwer Irrigated.

⁶Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-year average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

⁷Yield data for R05-430 from Kibler was not reported because an adequate seed supply was not available for replanting.

Table 5. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
S09-9943	77.7	•	•	9/24	1.0	1.0	35
Dyna-Gro 39RY43 ³	76.4	•	•	9/22	1.0	1.0	34
HALO 4:65	75.3	80.0	80.3	9/27	1.0	1.0	39
Progeny P 4560 LL	75.1	•	•	9/28	1.0	1.0	37
HBK LL4650	74.7	•	•	9/27	1.0	1.0	37
HBK LL4653	73.9	•	•	9/28	1.0	1.0	38
Go Soy 4512 LL	73.8	•	•	9/24	1.0	1.0	38
HALO 4:40	73.7	•	•	9/26	1.0	1.0	33
HALO X466	73.4	•	•	9/24	1.0	1.0	40
Pioneer P43T14L™	71.1	•	•	9/27	1.0	1.0	35
Go Soy 4411 LL	69.5	79.7	77.6	9/25	1.0	1.0	34
GRAND MEAN	74.1	•	•	9/25	1.0	1.0	36
LSD (5%)	4.5	•	•	1	•	•	•
C.V.	4.4	•	•	2	•	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

HBK LL4953	79.6	•	•	10/14	2.0	1.0	41
Dyna-Gro S49LL34	77.1	•	•	10/14	3.0	1.0	41
Go Soy 4812 LL	76.9	73.9	•	10/09	1.0	1.0	32
ARMOR X48C	76.3	•	•	10/07	1.0	1.0	36
ARMOR X49C	75.6	•	•	10/08	2.0	1.0	40
HALO X496	74.9	•	•	10/10	1.0	1.0	42
ARMOR 48-R40 ³	74.9	•	•	10/08	1.0	1.0	37
Delta Grow 4990LL	74.8	76.3	•	10/10	4.0	1.0	40
HALO 5:01	74.5	72.5	•	10/16	3.0	1.0	39
HBK LL4950	74.2	•	•	10/14	3.0	1.0	43
HALO 4:95	73.9	•	•	10/07	2.0	1.0	34
Go Soy 4912 LL	73.5	72.9	•	10/12	2.0	1.0	42
ARMOR 49-C3	73.2	78.4	•	10/10	3.0	1.0	34
S09-13608	72.7	•	•	10/08	2.0	1.0	38
HALO 4:94	72.5	74.3	75.0	10/10	3.0	1.0	43
UA 4913C	72.0	76.4	75.8	10/10	1.0	1.0	30
Progeny P 4819 LL	72.0	71.8	•	10/07	1.0	1.0	37
Delta Grow 4967LL	71.4	74.0	•	10/12	3.0	1.0	40
Delta Grow 4867LL	70.9	71.7	•	10/08	1.0	1.0	39

Table 5. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) continued</u>							
ARMOR X47C	70.3	•	•	10/07	2.0	1.0	32
Progeny P 4930 LL	69.6	•	•	10/12	1.0	1.0	40
Delta Grow 4981LL	69.4	•	•	10/15	2.0	1.0	57
S09-10871	68.0	•	•	10/10	1.0	1.0	34
Progeny P 4928 LL	67.6	69.7	71.3	10/11	2.0	1.0	42
HBK LL4850	65.3	•	•	10/07	2.0	1.0	35
HALO 4:97	64.8	•	•	10/08	2.0	1.0	41
Go Soy 4711 LL	64.8	65.8	•	10/07	3.0	1.0	50
R08-2797	63.7	•	•	10/08	1.0	1.0	40
GRAND MEAN	71.9	•	•	10/09	2.0	1.0	39
LSD (5%)	6.6	•	•	1	•	•	•
C.V.	6.7	•	•	4	•	•	•

Maturity Group V (RM 5.0 to 5.9)

Dyna-Gro 34LL53	80.1	78.6	78.2	10/17	1.0	1.0	31
Go Soy 5410 LL	77.0	72.9	•	10/17	2.0	1.0	40
Osage	76.1	77.6	76.7	10/15	1.0	1.0	20
R09-430	75.5	•	•	10/13	1.0	1.0	24
JTN-5203	75.0	77.8	75.5	10/15	1.0	1.0	23
Progeny P 5960 LL	74.9	74.7	72.4	10/20	1.0	1.0	34
UA 5612	74.5	73.3	74.7	10/20	2.0	1.0	29
HALO 5:01-5	74.3	68.9	•	10/14	2.0	1.0	42
Ozark	74.0	73.1	72.8	10/17	1.0	1.0	29
Leland	73.9	•	•	10/17	1.0	1.0	35
Pioneer P53T51L™	73.4	•	•	10/19	3.0	1.0	42
Delta Grow 5461LL	73.2	68.6	72.0	10/17	1.0	1.0	37
Go Soy 5111 LL	73.1	74.9	75.7	10/15	1.0	1.0	25
Progeny P 5160 LL	72.9	77.0	77.7	10/14	1.0	1.0	24
HALO 5:45	72.8	73.9	•	10/17	1.0	1.0	25
JTN-5110	72.5	73.1	•	10/16	1.0	1.0	30
HALO X530	72.2	•	•	10/18	3.0	1.0	53
UA 5213C	71.9	70.2	72.8	10/14	1.0	1.0	34
Go Soy 5312 LL	71.9	•	•	10/14	3.0	1.0	47
REV® 57R21™ ³	71.6	•	•	10/21	2.0	1.0	43
Delta Grow 5481LL	71.3	•	•	10/19	2.0	1.0	41
R05-374	70.2	•	•	10/18	1.0	1.0	32
Delta Grow 5361LL	68.3	•	•	10/20	3.0	1.0	47

Table 5. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
Maturity Group V (RM 5.0 to 5.9) continued							
HBK LL5350	67.7	•	•	10/20	1.0	1.0	20
Go Soy 5010 LL	67.6	66.8	•	10/14	1.0	1.0	26
Hutcheson	67.6	63.6	69.1	10/14	1.0	1.0	23
S09-13635	66.8	•	•	10/13	1.0	1.0	35
HALO 5:26	66.2	•	•	10/15	1.0	1.0	33
Progeny P 5460 LL	62.2	65.2	67.7	10/20	2.0	1.0	42
JTN-4307	57.0	59.9	•	10/15	1.0	1.0	24
GRAND MEAN	71.5	•	•	10/16	1.5	1.0	33
LSD (5%)	10.2	•	•	•	•	•	•
C.V.	10.5	•	•	•	•	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.³Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

Soil Series	Sharky silty clay
Previous Crop	Soybean
Row Width	38 inches
Planting Date	5/28
Herbicide Applications	Valor + Gramoxone, 5/30; Flexstar + Dual Magnum, 6/11; Storm + Select, 7/3
Irrigation Date	7/9, 7/20, 8/22, 9/3, 9/11
Harvest Dates	MG 4E, 10/11; MG 4L, 10/22; MG 5, 10/24

	Precipitation (inches)					
	May	June	July	August	Sept.	Total
2013	1.9	4.8	4.0	4.7	2.9	18.4
Average	5.4	4.0	4.0	2.4	3.2	19.0
Departure	-3.5	+0.8	0.0	+2.3	-0.3	-0.6

Table 6. Performance of Non-Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Go Soy 4512 LL	54.1	•	•	9/19	1.0	1.0	38
Dyna-Gro 39RY43 ³	52.5	•	•	9/20	2.0	1.0	31
HBK LL4650	52.3	•	•	9/16	1.0	1.0	33
S09-9943	51.5	•	•	9/14	1.0	1.0	33
HALO 4:65	51.1	47.5	43.9	9/15	1.0	1.0	36
Progeny P 4560 LL	50.4	•	•	9/17	1.0	1.0	33
HALO X466	49.5	•	•	9/16	1.0	1.0	32
Pioneer P43T14L™	48.7	•	•	9/14	1.0	1.0	32
HBK LL4653	48.1	•	•	9/13	1.0	1.0	31
Go Soy 4411 LL	47.7	42.2	•	9/18	1.0	1.0	37
HALO 4:40	47.6	•	•	9/17	1.0	1.0	35
GRAND MEAN	50.3	•	•	9/16	1.1	1.0	34
LSD (5%)	6.1	•	•	•	•	•	•
C.V.	8.7	•	•	•	•	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

HALO 5:01	59.2	59.4	•	09/30	2.0	1.0	44
ARMOR X49C	57.4	•	•	09/27	1.0	1.0	41
HBK LL4953	56.6	•	•	09/28	1.0	1.0	37
Progeny P 4928 LL	55.2	56.4	52.4	09/30	2.0	1.0	35
HBK LL4950	55.2	•	•	09/30	2.0	1.0	33
Go Soy 4912 LL	54.7	56.6	•	09/30	2.0	1.0	40
Delta Grow 4981LL	54.5	•	•	10/02	2.0	1.0	48
HALO 4:94	54.1	57.4	54.5	09/28	1.0	1.0	38
Progeny P 4930 LL	52.3	•	•	09/26	1.0	1.0	37
HALO X496	51.5	•	•	09/30	2.0	1.0	37
ARMOR 48-R40 ³	51.4	•	•	09/24	1.0	1.0	34
Dyna-Gro S49LL34	50.6	•	•	09/28	1.0	1.0	36
HBK LL4850	50.4	•	•	09/24	1.0	1.0	37
Delta Grow 4990LL	50.2	51.7	•	09/27	1.0	1.0	40
Go Soy 4812 LL	49.7	49.8	•	09/25	1.0	1.0	32
Delta Grow 4967LL	49.4	54.3	•	09/30	2.0	1.0	38
S09-10871	49.4	•	•	09/24	1.0	1.0	31
ARMOR 49-C3	49.3	55.7	•	09/25	3.0	1.0	33
ARMOR X48C	48.9	•	•	09/24	1.0	1.0	34
S09-13608	48.8	•	•	09/24	1.0	1.0	33

Table 6. Performance of Non-Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							

Maturity Group IV Late (RM 4.7 to 4.9) continued

ARMOR X47C	48.8	•	•	09/28	1.0	1.0	33
UA 4913C	47.4	57.2	54.2	09/24	1.0	1.0	24
R08-2797	46.8	•	•	09/25	1.0	1.0	36
Progeny P 4819 LL	46.0	46.7	•	09/28	3.0	1.0	39
HALO 4:97	45.9	•	•	09/29	1.0	1.0	39
HALO 4:95	45.5	•	•	09/26	1.0	1.0	36
Go Soy 4711 LL	44.8	46.6	•	09/26	1.0	1.0	46
Delta Grow 4867LL	42.4	42.1	•	09/27	1.3	1.0	34
GRAND MEAN	50.6	•	•	09/27	1.4	1.0	37
LSD (5%)	5.4	•	•	1	0.1	•	•
C.V.	7.9	•	•	2	7.8	•	•

Maturity Group V (RM 5.0 to 5.9)

HALO 5:45	57.1	59.4	•	10/12	1.0	1.0	34
Delta Grow 5481LL	53.9	•	•	10/14	1.0	1.0	37
REV® 57R21™ ³	53.1	•	•	10/17	2.0	1.0	42
Leland	53.1	•	•	10/09	1.0	1.0	30
Go Soy 5111 LL	53.0	56.3	56.5	10/09	1.0	1.0	24
Osage	52.9	57.0	58.8	10/10	1.0	1.0	27
UA 5612	52.3	57.8	58.1	10/16	2.0	1.0	31
Progeny P 5960 LL	51.0	54.4	55.1	10/18	1.0	1.0	28
Delta Grow 5461LL	50.7	55.2	55.0	10/14	1.0	1.0	32
R05-374	50.6	•	•	10/10	1.0	1.0	28
Go Soy 5010 LL	50.3	54.9	•	10/10	1.0	1.0	31
Progeny P 5160 LL	50.3	56.8	58.3	10/10	1.0	1.0	25
Progeny P 5460 LL	50.0	53.7	54.9	10/14	1.0	1.0	32
Dyna-Gro 34LL53	49.5	52.9	55.5	10/12	1.0	1.0	19
Delta Grow 5361LL	49.2	•	•	10/12	3.0	1.0	41
JTN-5110	48.9	52.8	•	10/09	1.0	1.0	28
HALO 5:26	48.9	•	•	10/10	1.0	1.0	28
Go Soy 5410 LL	48.8	54.5	•	10/13	1.0	1.0	33
R09-430	48.3	•	•	10/09	1.0	1.0	27
Pioneer P53T51L™	47.8	•	•	10/12	1.0	1.0	40
HALO X530	47.5	•	•	10/11	2.0	1.0	46
Ozark	47.4	56.1	55.9	10/14	1.0	1.0	29

Table 6. Performance of Non-Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
Go Soy 5312 LL	47.4	•	•	10/12	3.0	1.0	45
S09-13635	47.0	•	•	10/09	1.0	1.0	36
JTN-5203	46.5	52.1	53.3	10/09	1.0	1.0	21
HALO 5:01-5	46.3	50.7	•	10/11	1.0	1.0	34
HBK LL5350	46.2	•	•	10/14	1.0	1.0	21
Hutcheson	43.0	47.4	53.2	10/14	1.0	1.0	29
UA 5213C	40.8	49.4		10/10	1.0	1.0	29
JTN-4307	40.2	48.8	•	10/10	1.0	1.0	30
GRAND MEAN	49.1	•	•	10/11	1.2	1.0	31
LSD (5%)	5.2	•	•	•	•	•	•
C.V.	7.7	•	•	•	•	•	•

Maturity Group V (RM 5.0 to 5.9) continued

¹The 2-year average yields for both the MG IV and MG V tests includes data from 2012 and 2013.

²The 3-year average yields for the MG IV tests includes data from 2010, 2012, and 2013.

The 3-year average yields for the MG V tests includes data from 2011, 2012, and 2013.

³Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

Soil Series	Sharky silty clay
Previous Crop	Soybean
Row Width	38 inches
Planting Date	5/29
Herbicide Applications	Valor + Gramoxone, 5/30; Flexstar + Dual Magnum, 6/11; Storm + Select, 7/3
Harvest Dates	MG 4E, 10/11; MG 4L, 10/14; MG 5, 10/24

	Precipitation (inches)					
	May	June	July	August	Sept.	Total
2013	1.9	4.8	4.0	4.7	2.9	18.4
Average	5.4	4.0	4.0	2.4	3.2	19.0
Departure	-3.5	+0.8	0.0	+2.3	-0.3	-0.6

Table 7. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Go Soy 4512 LL	74.7	•	•	10/06	1.0	1.0	36
HALO 4:40	70.8	•	•	10/04	1.0	1.0	33
HALO 4:65	70.2	70.1	67.2	10/07	1.0	1.0	37
Go Soy 4411 LL	69.7	66.6	64.6	10/04	2.0	1.0	37
HBK LL4650	69.4	•	•	10/04	1.0	1.0	36
Progeny P 4560 LL	68.8	•	•	10/04	1.0	1.0	35
S09-9943	68.1	•	•	10/05	1.0	1.0	33
Pioneer P43T14L™	66.7	•	•	10/04	1.0	1.0	27
Dyna-Gro 39RY43 ³	66.5	•	•	10/04	1.0	1.0	30
HALO X466	66.0	•	•	10/05	1.0	1.0	29
HBK LL4653	63.1	•	•	10/05	1.0	1.0	32
GRAND MEAN	68.5	•	•	10/04	1.1	1.0	33
LSD (5%)	6.7	•	•	1	•	•	•
C.V.	6.9	•	•	11	•	•	•
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
UA 4913C	84.7	79.5	71.8	10/13	1.0	1.0	34
HALO 5:01	84.2	77.8	•	10/16	1.0	1.0	39
HBK LL4950	82.8	•	•	10/15	1.0	1.0	33
Progeny P 4930 LL	82.7	•	•	10/13	1.0	1.0	33
Delta Grow 4981LL	81.7	•	•	10/10	1.0	1.0	49
HALO X496	80.6	•	•	10/11	1.0	1.0	34
Go Soy 4912 LL	77.5	75.3	•	10/15	1.0	1.0	37
HBK LL4953	77.1	•	•	10/14	1.0	1.0	34
HALO 4:97	72.5	•	•	10/11	2.0	1.0	38
ARMOR 49-C3	72.3	67.2	•	10/14	3.0	1.0	39
Delta Grow 4967LL	71.7	70.9	•	10/12	1.0	1.0	37
Dyna-Gro S49LL34	71.1	•	•	10/13	1.0	1.0	34
Delta Grow 4867LL	71.0	69.7	•	10/11	1.0	1.0	32
Progeny P 4928 LL	70.6	72.9	70.5	10/12	1.0	1.0	33
HALO 4:94	70.2	66.8	65.7	10/14	1.0	1.0	36
ARMOR X49C	69.9	•	•	10/14	2.0	1.0	42
ARMOR X47C	69.9	•	•	10/10	1.0	1.0	35
HBK LL4850	69.8	•	•	10/11	1.0	1.0	34
Delta Grow 4990LL	68.9	67.2	•	10/12	1.0	1.0	35

Table 7. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
	bu/A.....						

Maturity Group IV Late (RM 4.7 to 4.9) continued

S09-10871	68.8	•	•	10/13	1.0	1.0	33
Go Soy 4711 LL	68.3	65.4	•	10/15	1.0	1.0	37
ARMOR X48C	67.5	•	•	10/08	2.0	1.0	35
HALO 4:95	64.8	•	•	10/12	1.0	1.0	34
Go Soy 4812 LL	64.3	65.9	•	10/12	1.0	1.0	34
ARMOR 48-R40 ³	62.9	•	•	10/11	1.0	1.0	30
S09-13608	62.8	•	•	10/14	2.0	1.0	39
Progeny P 4819 LL	59.7	63.7	•	10/13	1.0	1.0	31
R08-2797	59.2	•	•	10/14	1.0	1.0	41
GRAND MEAN	71.7	•	•	10/12	1.2	1.0	36
LSD (5%)	9.1	•	•	2	•	•	•
C.V.	7.4	•	•	9	•	•	•

Maturity Group V (RM 5.0 to 5.9)

JTN-5203	72.0	68.2	63.8	10/17	2.0	1.0	37
Dyna-Gro 34LL53	70.6	68.9	66.4	10/18	1.0	1.0	31
HALO 5:45	69.9	66.8	•	10/18	2.0	1.0	35
HALO 5:01-5	69.5	65.6	•	10/16	1.0	1.0	39
Progeny P 5160 LL	68.6	66.2	63.3	10/16	1.0	1.0	32
R05-374	68.4	•	•	10/16	2.0	1.0	35
HALO X530	68.3	•	•	10/19	2.0	1.0	49
Go Soy 5410 LL	67.8	66.1	•	10/19	1.0	1.0	37
Progeny P 5960 LL	67.7	68.9	67.1	10/20	2.0	1.0	41
S09-13635	67.6	•	•	10/19	2.0	1.0	43
Leland	67.0	•	•	10/20	3.0	1.0	41
REV® 57R21™ ³	66.5	•	•	10/19	3.0	1.0	47
Ozark	66.5	64.2	63.7	10/18	2.0	1.0	36
UA 5213C	65.5	67.2	64.5	10/17	3.0	1.0	38
Delta Grow 5361LL	65.4	•	•	10/18	2.0	1.0	41
UA 5612	64.9	64.1	62.5	10/19	3.0	1.0	42
R09-430	64.5	•	•	10/16	1.0	1.0	34
Go Soy 5010 LL	63.7	63.0	•	10/17	2.0	1.0	38
Delta Grow 5481LL	63.6	•	•	10/18	1.0	1.0	36
HBK LL5350	63.4	•	•	10/18	2.0	1.0	31
Delta Grow 5461LL	62.5	64.0	62.7	10/18	1.0	1.0	34

Table 7. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
Hutcheson	62.4	60.5	58.9	10/17	2.0	1.0	35
Osage	62.3	66.3	63.1	10/19	2.0	1.0	32
Go Soy 5312 LL	62.1	•	•	10/17	2.0	1.0	42
HALO 5:26	60.6	•	•	10/18	2.0	1.0	33
JTN-5110	60.4	61.6	•	10/17	1.0	1.0	37
Go Soy 5111 LL	59.8	63.3	61.2	10/18	2.0	1.0	39
Progeny P 5460 LL	59.6	65.1	63.5	10/18	1.0	1.0	33
Pioneer P53T51L™	58.6	•	•	10/18	2.0	1.0	44
JTN-4307	50.4	56.0	•	10/17	2.0	1.0	35
GRAND MEAN	64.7	•	•	10/17	1.8	1.0	38
LSD (5%)	5.2	•	•	•	•	•	•
C.V.	5.8	•	•	•	•	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.³Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

Soil Series Sharkey silty clay
Previous Crop Corn
Row Width Four 7.5-inch rows on two 38-inch beds
Planting Date 6/23
Herbicide Applications Valor + Gramoxone, 6/24; Prefix 7/10
Irrigation Dates 7/11, 7/17, 8/21, 9/4, 9/12
Harvest Dates MG 4E, 10/30; MG 4L, 10/30; MG 5, 11/3

	Precipitation (inches)					
	June	July	August	Sept.	October	Total
2013	0.9	4.0	4.7	2.9	2.7	15.2
Average	4.0	4.0	2.4	3.2	4.1	17.7
Departure	-3.1	0.0	+2.3	-0.3	-1.4	-2.5

Table 8. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
HALO X466	70.9	•	•	9/17	1.0	1.0	35
HALO 4:65	70.1	74.4	71.8	9/13	1.3	1.0	35
HALO 4:40	68.9	•	•	9/17	1.0	1.0	31
S09-9943	67.6	•	•	9/14	1.3	1.0	32
HBK LL4650	66.6	•	•	9/11	1.3	1.0	37
Progeny P 4560 LL	65.7	•	•	9/12	1.7	1.0	37
HBK LL4653	64.8	•	•	9/16	1.0	1.0	35
Dyna-Gro 39RY43 ³	61.8	•	•	9/15	1.0	1.0	33
Pioneer P43T14L™	61.5	•	•	9/14	1.0	1.0	32
Go Soy 4411 LL	60.9	70.0	67.3	9/14	1.3	1.0	35
Go Soy 4512 LL	60.8	•	•	9/16	1.0	1.0	40
GRAND MEAN	65.4	•	•	9/14	1.2	1.0	35
LSD (5%)	10.2	•	•	2	0.6	•	•
C.V.	11.1	•	•	11	34.5	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

HALO 4:94	76.6	75.2	71.8	09/26	1.0	1.0	43
Delta Grow 4990LL	75.7	76.2	•	09/25	1.0	1.0	26
HBK LL4950	75.1	•	•	09/30	1.3	1.0	43
Dyna-Gro S49LL34	75.0	•	•	09/28	1.0	1.0	36
HBK LL4953	74.7	•	•	09/28	1.0	1.0	41
Progeny P 4930 LL	74.3	•	•	09/28	1.0	1.0	42
Progeny P 4928 LL	73.9	73.8	69.8	09/27	1.0	1.0	38
Delta Grow 4967LL	73.5	76.5	•	09/29	1.0	1.0	43
HALO X496	73.3	•	•	09/28	1.0	1.0	46
R08-2797	73.1	•	•	09/23	1.3	1.0	35
HBK LL4850	72.9	•	•	09/23	1.0	1.0	31
S09-13608	72.9	•	•	09/23	1.0	1.0	42
HALO 4:97	72.3	•	•	09/27	1.7	1.0	47
Go Soy 4812 LL	72.0	72.0	•	09/23	1.0	1.0	39
ARMOR X47C	71.7	•	•	09/18	1.0	1.0	37
ARMOR X48C	71.2	•	•	09/23	1.0	1.0	35
ARMOR 48-R40 ³	71.2	•	•	09/17	1.0	1.0	36
Delta Grow 4981LL	71.1	•	•	10/02	1.0	1.0	53
Progeny P 4819 LL	70.1	72.2	•	09/22	1.3	1.0	36
ARMOR 49-C3	70.1	73.6	•	09/30	1.0	1.0	29

Table 8. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							

Maturity Group IV Late (RM 4.7 to 4.9) continued

HALO 4:95	69.3	•	•	09/21	2.0	1.0	46
S09-10871	68.3	•	•	09/21	1.0	1.0	37
Go Soy 4912 LL	67.1	72.0	•	09/29	1.0	1.0	45
UA 4913C	66.6	71.4	68.3	09/25	1.0	1.0	45
Go Soy 4711 LL	66.2	68.9	•	09/24	2.0	1.0	46
HALO 5:01	66.1	72.9	•	09/29	1.3	1.0	35
ARMOR X49C	66.0	•	•	09/23	1.3	1.0	37
Delta Grow 4867LL	64.7	68.1	•	09/22	1.0	1.0	32
GRAND MEAN	71.2	•	•	09/25	1.2	1.0	39
LSD (5%)	4.6	•	•	2	0.5	•	•
C.V.	4.8	•	•	5	28.8	•	•

Maturity Group V (RM 5.0 to 5.9)

Progeny P 5460 LL	79.7	74.8	71.9	09/26	1.0	1.0	45
UA 5213C	78.2	76.3	68.7	09/29	1.0	1.0	20
Go Soy 5410 LL	78.2	75.7	•	09/29	1.0	1.0	41
R05-374	77.0	•	•	09/27	1.3	1.0	32
Delta Grow 5461LL	75.6	71.9	70.2	09/28	1.3	1.0	48
HALO 5:01-5	75.0	75.3	•	10/01	1.0	1.0	47
REV® 57R21™ ³	73.5	•	•	10/02	1.0	1.0	41
JTN-5203	73.1	76.2	73.1	09/24	1.0	1.0	26
Leland	72.7	•	•	10/01	1.0	1.0	31
UA 5612	72.4	77.0	74.0	10/02	1.0	1.0	34
Pioneer P53T51L™	70.5	•	•	09/30	1.3	1.0	46
R09-430	70.5	•	•	09/27	1.0	1.0	23
Progeny P 5960 LL	70.4	72.4	69.2	10/02	1.0	1.0	29
S09-13635	69.6	•	•	09/22	1.0	1.0	43
HALO X530	69.5	•	•	10/03	1.0	1.0	60
Osage	69.2	73.6	71.3	09/30	1.0	1.0	23
JTN-5110	68.8	72.8	•	10/02	1.0	1.0	27
Progeny P 5160 LL	68.1	73.4	72.8	10/03	1.0	1.0	30
Delta Grow 5361LL	67.0	•	•	10/01	2.0	1.0	44
HALO 5:45	66.8	70.9	•	10/03	1.0	1.0	31
Delta Grow 5481LL	66.5	•	•	10/02	1.7	1.0	39
Go Soy 5312 LL	66.5	•	•	09/29	2.3	1.0	53
HBK LL5350	66.5	•	•	10/02	1.0	1.0	21

Table 8. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
Maturity Group V (RM 5.0 to 5.9) continued							
Go Soy 5010 LL	65.6	68.3	•	09/29	1.0	1.0	36
HALO 5:26	65.3	•	•	10/01	1.0	1.0	29
Dyna-Gro 34LL53	65.0	72.9	72.4	10/02	1.0	1.0	23
Hutcheson	63.8	67.0	61.2	10/01	1.3	1.0	31
Go Soy 5111 LL	63.2	68.2	67.1	09/29	1.0	1.0	29
Ozark	61.9	66.7	65.3	09/30	1.0	1.0	21
JTN-4307	59.2	61.8	•	09/24	1.0	1.0	26
GRAND MEAN	69.6	•	•	09/30	1.1	1.0	34
LSD (5%)	5.3	•	•	2	0.5	•	•
C.V.	5.6	•	•	5	31.6	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.³Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

Soil Series	Crowley silt loam
Soil pH	6.0
Previous Crop	Rice
Row Width	30 inches
Fertilizer Applied	80 lb/A P + 120 lb/A K, 4/29
Planting Date	5/15
Herbicide Applications	Valor + Roundup, 5/16; Storm + Select + Intensity, 8/21
Irrigation Dates	7/14, 7/29, 8/12, 8/21, 9/4, 9/18
Harvest Dates	MG 4E, 10/30; MG 4L, 10/30; MG 5, 10/30

Precipitation (inches)							
	April	May	June	July	August	Sept.	Total
2013	6.7	4.3	1.5	0.8	1.5	0.3	15.1
Average	6.0	6.2	3.6	3.1	3.1	3.0	25.0
Departure	+0.7	-1.9	-2.1	-2.3	-1.6	-2.7	-9.9

Table 9. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
HBK LL4650	56.2	•	•	10/01	1.0	1.0	32
HALO 4:65	54.7	47.9	49.7	10/02	1.0	1.0	32
S09-9943	53.6	•	•	10/03	1.0	1.0	31
Dyna-Gro 39RY43 ³	53.4	•	•	10/03	1.0	1.0	30
Go Soy 4411 LL	52.5	48.9	50.7	10/02	1.0	1.0	31
Progeny P 4560 LL	52.4	•	•	10/01	1.0	1.0	32
HBK LL4653	51.5	•	•	10/02	1.0	1.0	32
Go Soy 4512 LL	50.5	•	•	10/02	1.0	1.0	34
HALO X466	48.6	•	•	10/02	1.0	1.0	28
HALO 4:40	47.5	•	•	10/01	1.0	1.0	31
Pioneer P43T14L™	44.0	•	•	09/30	1.0	1.0	27
GRAND MEAN	51.4	•	•	10/01	1.0	1.0	31
LSD (5%)	6.2	•	•	1	•	•	•
C.V.	8.6	•	•	3	•	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

HALO 5:01	69.6	60.7	•	10/08	1.0	1.0	40
Dyna-Gro S49LL34	67.7	•	•	10/08	1.7	1.0	35
Delta Grow 4981LL	67.5	•	•	10/09	1.0	1.0	41
HBK LL4953	67.2	•	•	10/03	1.0	1.0	36
Delta Grow 4967LL	66.8	57.9	•	10/08	1.0	1.0	38
HALO X496	65.4	•	•	10/08	1.0	1.0	36
Go Soy 4912 LL	64.9	57.1	•	10/09	1.0	1.0	39
ARMOR X49C	64.1	•	•	10/04	1.0	1.0	38
HALO 4:94	63.6	56.8	55.2	10/04	1.0	1.0	38
Progeny P 4930 LL	63.0	•	•	10/07	1.0	1.0	36
UA 4913C	61.3	51.6	51.0	10/05	1.0	1.0	28
Delta Grow 4990LL	60.1	55.2	•	10/08	1.7	1.0	34
HALO 4:97	59.8	•	•	10/04	1.0	1.0	39
Go Soy 4812 LL	59.1	55.6	•	10/05	1.0	1.0	34
HBK LL4950	58.8	•	•	10/09	1.0	1.0	37
Progeny P 4819 LL	58.8	54.2	•	10/03	1.0	1.0	34
HALO 4:95	57.5	•	•	10/04	1.0	1.0	35
S09-10871	57.2	•	•	10/04	1.0	1.0	31
Progeny P 4928 LL	56.6	51.8	50.9	10/07	1.0	1.0	38
ARMOR 49-C3	55.9	57.4	•	10/03	1.7	1.0	33

Table 9. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) continued</u>							
Delta Grow 4867LL	55.3	48.9	•	10/03	1.0	1.0	36
ARMOR X47C	54.0	•	•	10/03	1.0	1.0	34
R08-2797	53.9	•	•	10/06	1.0	1.0	38
S09-13608	53.6	•	•	10/03	1.0	1.0	32
HBK LL4850	53.5	•	•	10/03	1.0	1.0	32
Go Soy 4711 LL	52.4	49.4	•	10/04	2.0	1.0	40
ARMOR X48C	50.7	•	•	10/03	1.0	1.0	32
ARMOR 48-R40 ³	50.4	•	•	10/03	1.0	1.0	30
GRAND MEAN	59.6	•	•	10/05	1.1	1.0	36
LSD (5%)	6.7	•	•	2	0.3	•	•
C.V.	8.2	•	•	29	17.4	•	•

Maturity Group V (RM 5.0 to 5.9)

REV® 57R21™ ³	74.4	•	•	10/11	1.3	1.0	38
HALO 5:45	71.8	66.0	•	10/10	1.0	1.0	35
Go Soy 5410 LL	69.2	62.5	•	10/09	1.0	1.0	36
JTN-5203	68.3	60.0	55.5	10/07	1.0	1.0	28
S09-13635	67.6	•	•	10/07	1.3	1.0	37
HALO X530	67.6	•	•	10/08	1.3	1.0	41
Progeny P 5960 LL	67.5	63.1	59.9	10/11	1.0	1.0	28
JTN-5110	67.0	59.8	•	10/09	1.0	1.0	32
Go Soy 5111 LL	66.0	59.3	54.4	10/08	1.0	1.0	33
Delta Grow 5361LL	65.8	•	•	10/09	1.0	1.0	38
HALO 5:26	65.0	•	•	10/09	1.0	1.0	31
Delta Grow 5481LL	64.9	•	•	10/12	1.0	1.0	40
Delta Grow 5461LL	64.5	56.9	54.8	10/07	1.0	1.0	33
Pioneer P53T51L™	64.3	•	•	10/08	1.0	1.0	38
Osage	63.5	60.5	59.5	10/09	1.3	1.0	28
UA 5612	63.2	62.4	57.4	10/08	1.0	1.0	32
HALO 5:01-5	62.5	59.5	•	10/11	1.0	1.0	40
UA 5213C	61.6	59.0	55.9	10/08	1.0	1.0	30
Ozark	61.4	58.6	54.4	10/10	1.0	1.0	30
Go Soy 5010 LL	60.7	57.8	•	10/08	1.0	1.0	31
Hutcheson	60.7	56.6	54.5	10/07	1.3	1.0	31
Leland	60.5	•	•	10/06	1.7	1.0	31
Dyna-Gro 34LL53	60.0	58.4	57.3	10/08	1.0	1.0	30

Table 9. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V (RM 5.0 to 5.9) continued</u>							
Go Soy 5312 LL	59.9	•	•	10/08	1.0	1.0	40
R05-374	59.3	•	•	10/07	1.0	1.0	36
R09-430	58.6	•	•	10/07	1.0	1.0	30
HBK LL5350	57.9	•	•	10/07	1.0	1.0	27
Progeny P 5160 LL	57.2	55.6	55.3	10/07	1.0	1.0	30
Progeny P 5460 LL	54.5	53.1	51.3	10/07	1.0	1.0	36
JTN-4307	53.2	42.0	•	10/05	1.0	1.0	27
GRAND MEAN	63.3	•	•	10/08	1.1	1.0	33
LSD (5%)	9.2	•	•	2	0.3	•	•
C.V.	10.7	•	•	18	23.3	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.³Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

Soil Series	Sharkey clay
Previous Crop	Soybean
Row Width	19 inches
Planting Date	6/12
Herbicide Applications	Dual Magnum + Valor, 5/28; Select + Flexstar, 8/5
Insecticide Applications	Belt, 8/7; Belt + Tundra, 8/24
Irrigation Dates	6/22, 7/9, 7/24, 8/5, 8/24, 9/11
Harvest Dates	MG 4E, 10/4; MG 4L, 10/26; MG 5, 10/29

	<u>Precipitation (inches)</u>					
	April	May	June	July	August	Total
2013	6.1	5.7	2.1	1.9	1.6	17.4
Average	4.6	5.1	3.5	3.3	2.5	19.0
Departure	+1.5	+0.6	-1.4	-1.4	-0.9	-1.6

Table 10. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Vegetable Research Station, Kibler, Ark., 2013¹.

Variety/Experimental Line	2013	2-Year ² Average	3-Year ³ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V (RM 5.0 to 5.9)</u>							
JTN-5203	61.7	54.4	53.6	10/15	1.0	1.0	32
Delta Grow 5481LL	60.2	•	•	10/25	1.0	1.0	39
S09-13635	59.5	•	•	10/15	1.0	1.0	36
Leland	57.7	•	•	10/18	1.0	1.0	36
HALO 5:01-5	57.3	43.4	•	10/15	1.0	1.0	38
Delta Grow 5361LL	57.1	•	•	10/22	1.0	1.0	42
Progeny P 5160 LL	56.5	50.9	51.2	10/16	1.0	1.0	31
Dyna-Gro 34LL53	56.1	49.6	50.3	10/17	1.0	1.0	28
JTN-5110	56.1	49.8	•	10/17	1.0	1.0	35
Pioneer P53T51L™	55.3	•	•	10/20	1.0	1.0	39
Delta Grow 5461LL	54.6	44.5	43.9	10/14	1.0	1.0	36
HALO X530	54.4	•	•	10/22	1.0	1.0	51
R05-374	54.4	•	•	10/16	1.0	1.0	35
Go Soy 5312 LL	54.2	•	•	10/21	1.0	1.0	41
HBK LL5350	53.8	•	•	10/17	1.0	1.0	32
Osage	53.8	46.2	48.9	10/17	1.0	1.0	27
Progeny P 5460 LL	53.4	45.8	45.0	10/14	1.0	1.0	36
Go Soy 5410 LL	52.6	42.8	•	10/15	1.0	1.0	34
UA 5612	52.4	49.0	50.5	10/22	1.0	1.0	35
UA 5213C	52.2	•	•	10/15	1.0	1.0	32
Progeny P 5960 LL	51.8	45.8	45.6	10/22	1.0	1.0	36
Go Soy 5111 LL	51.6	40.0	42.2	10/15	1.0	1.0	31
Ozark	51.0	45.0	45.7	10/15	1.0	1.0	29
HALO 5:45	50.9	42.4	•	10/22	1.0	1.0	37
HALO 5:26	49.2	•	•	10/15	1.0	1.0	27
JTN-4307	47.6	41.5	•	10/11	1.0	1.0	28
Go Soy 5010 LL	47.4	38.9	•	10/16	1.0	1.0	35
Hutcheson	46.8	41.7	43.4	10/17	1.0	1.0	30
REV® 57R21™ ³	45.6	•	•	10/21	1.0	1.0	42
R09-430 ⁵	•	•	•	•	•	•	•
GRAND MEAN	53.6	•	•	10/17	1.0	1.0	35
LSD (5%)	5.0	•	•	2	•	•	•
C.V.	6.8	•	•	8	•	•	•

Table 10. Performance of Irrigated, Non-Roundup Ready™ and LibertyLink™ Soybean Varieties and Strains, Vegetable Research Station, Kibler, Ark., 2013¹, Continued.

¹Only Maturity Group V varieties and strains tested at the Kibler location. Tests were planted at this location on May 29 and replanted on June 25. Immediately following the first planting date the area received heavy rainfall resulting in inadequate stands.

²Average Yield for 2012 and 2013.

³Average Yield for 2011, 2012, 2013.

⁴Roundup Ready™ varieties for yield comparisons. These varieties had the highest 2-Year-average yields across all locations in the 2011 and 2012 Roundup Ready™ Full-Season Variety Tests.

⁵Yield data for R05-430 from Kibler was not reported because an adequate seed supply was not available for replanting.

Soil Series	Roxanna silt loam
Previous Crop	Soybean
Row Width	36 inches
Planting Date	First planting, 5/29; Replanted, 6/25
Herbicide Applications	Dual Magnum + Pursuit, 5/29; Dual Magnum + Pursuit, 6/25
Irrigation Dates	6/26, 7/2, 7/9, 7/17, 8/8, 8/28, 9/5, 9/12
Harvest Dates	MG 5, 11/11

	Precipitation (inches)				
	July	August	September	October	Total
2013	4.1	3.3	2.9	4.0	14.3
Average	3.3	2.6	4.1	4.3	14.3
Departure	+0.8	+0.7	-1.2	-0.3	0.0

Table 11. Yields of Maturity Group IV Early, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Keiser							All-Location Average	
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop		Stuttgart Irrigated	Rohwer Irrigated	Clay ³ Average		
				Irrigated	Crop					
.....bu/A.....										
Maturity Group IV Early (RM 4.0 to 4.6)										
AGS 43R212	RR2	74.1	48.9	60.3	75.9	53.2	59.1	62.5		
AGS 45R212	RR2	77.2	53.8	78.4	77.8	61.7	67.8	69.8		
AgVenture AvDX - D613	RR1	81.7	56.3	65.9	76.6	59.2	65.8	67.9		
ARMOR 44-R08	RR2	81.7	54.3	75.0	80.5	52.7	65.9	68.8		
ARMOR 45-R60	RR2/STS	77.4	51.3	67.4	80.3	54.5	62.6	66.2		
ARMOR X1401	RR2	79.5	50.1	58.4	78.1	48.9	59.2	63.0		
ARMOR X1404	RR2/STS	76.3	54.7	68.8	80.1	59.3	64.8	67.8		
ARMOR X1406	RR2/STS	66.7	47.3	56.1	79.7	54.6	56.2	60.9		
ASGROW AG4232 GENRR2Y/STS	RR2/STS	73.3	51.8	62.7	79.3	49.9	59.4	63.4		
ASGROW AG4534 GENRR2Y/STS	RR2/STS	76.1	50.4	60.0	74.0	50.6	59.3	62.2		
ASGROW AG4632 GENRR2Y/STS	RR2/STS	80.2	54.5	68.7	80.3	66.6	67.5	70.0		
ASGROW AG4633 GENRR2Y	RR2	73.6	51.4	56.7	75.7	50.3	58.0	61.6		
Davis 4146RR2YS	RR2/STS	79.0	55.8	70.2	79.7	54.9	65.0	67.9		
Delta Grow 4670GENRR2Y	RR2	77.8	55.2	71.0	79.4	62.4	66.6	69.2		
Dyna-Gro 31RY45	RR2	77.4	59.0	70.6	81.5	57.1	66.0	69.1		
Dyna-Gro 39RY43	RR2	76.3	51.3	62.9	78.2	55.7	61.5	64.9		
HBK RY4620	RR2/STS	76.1	54.8	57.7	81.0	52.6	60.3	64.4		
Morsoy Xtra 44X82	RR2	75.8	46.1	61.6	74.5	54.1	59.4	62.4		
Morsoy Xtra 46X29	RR2	80.2	53.5	60.5	79.3	54.2	62.1	65.5		
MPG 4514NRR/STS	RR1/STS	67.9	44.3	54.8	77.1	50.1	54.3	58.8		
Mycogen 5N423R2	RR2/STS	76.7	49.6	55.8	78.0	45.3	56.8	61.1		
Mycogen 5N431R2	RR2	80.0	59.6	64.3	77.1	51.9	63.9	66.6		
Mycogen 5N451R2	RR2	80.8	50.0	69.4	80.5	64.8	66.2	69.1		

Table 11. Yields of Maturity Group IV Early, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser						Stuttgart Irrigated	Rohwer Irrigated	Clay ³ Average	All-Location Average
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	bu/A						
Maturity Group IV Early (RM 4.0 to 4.6) Continued											
NK S43-K1 Brand	RR2	72.5	36.8	64.6	78.3	48.8	55.7	60.2			
NK S44-D5 Brand	RR1	77.5	53.3	54.8	71.6	51.5	59.3	61.7			
NK S45-V8 Brand	RR2	71.1	53.9	68.3	78.2	50.1	60.9	64.3			
NK S46-L2 Brand	RR2	78.7	56.1	63.0	71.3	59.6	64.4	65.8			
Pioneer 94Y23	RR2	70.5	45.7	41.1	76.9	41.0	49.6	55.0			
Pioneer P46T21R	RR2	78.4	46.1	69.1	83.1	60.1	63.4	67.4			
Progeny P 4211 RY	RR2	76.5	59.5	60.7	79.9	45.1	60.5	64.3			
Progeny P 4313 RY	RR2	77.4	54.1	61.3	81.4	55.7	62.1	66.0			
Progeny P 4510 RYS	RR2/STS	78.6	52.9	58.9	82.0	52.3	60.6	64.9			
Progeny P 4613 RYS	RR2/STS	75.5	52.5	70.0	79.1	56.4	63.6	66.7			
REV® 46R64™	RR1	80.2	51.3	64.1	78.7	55.2	62.7	65.9			
REV® 46R73™	RR1	74.6	53.4	65.3	73.9	53.6	61.7	64.2			
Schillinger 458.RCS	RR1/STS	77.3	46.5	63.6	75.2	45.6	58.2	61.6			
USG 74A33R	RR2	77.3	60.0	57.6	78.2	52.2	61.8	65.1			
Willcross RY2460S	RR2	76.7	44.9	54.1	81.1	55.2	57.7	62.4			
Willcross WX2464N	RR2	78.2	56.1	62.0	81.8	50.3	61.6	65.7			
GRAND MEAN		76.6	52.0	63.0	78.3	53.8	61.3	64.7			
LSD (5%)		5.9	7.7	7.8	4.1	6.7	7.0	6.4			
C.V.		5.7	10.9	9.1	3.8	9.2	8.7	7.7			

¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Non-Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Double-Crop Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Crowley silt loam.

Rohwer Irrigated = Rohwer Research Station. Soil series = Sharkey clay.

²Yields from the Marianna location were not reported due to low yields and poor uniformity.

³Average yields from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated and Rohwer Irrigated.

Table 12. Yields of Maturity Group IV Late, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Keiser Double-Irrigated							All-Location Average	
		Keiser Irrigated	Keiser Non Irrigated	Crop Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Clay ³ Average			
		bu/A								
Maturity Group IV Late (RM 4.7 to 4.9)										
AGS 47R212	RR2	80.0	59.7	64.9	77.3	60.1	66.2	68.4		
AgVenture AvDX - D913	RR1	69.2	51.5	51.7	74.4	52.7	56.3	59.9		
ARMOR 4744	RR2/STS	74.0	56.3	60.7	79.0	54.0	61.2	64.8		
ARMOR 47-R13	RR2/STS	74.0	56.5	73.8	79.9	64.7	67.2	69.8		
ARMOR 48-R40	RR2/STS	74.5	55.0	55.6	77.0	55.0	60.0	63.4		
ARMOR 48-R66	RR2/STS	76.5	54.9	61.3	83.9	58.7	62.9	67.1		
ARMOR 49-R56	RR2	85.5	55.3	61.4	76.6	62.2	66.1	68.2		
ARMOR X1409	RR2	71.6	50.2	61.6	78.5	62.8	61.5	64.9		
ASGROW AG4832 GENRR2Y/STS	RR2/STS	74.5	54.0	65.3	77.9	62.7	64.1	66.9		
ASGROW AG4933 GENRR2Y	RR2	77.2	50.3	60.9	81.5	65.0	63.3	67.0		
ASGROW AG4934 GENRR2Y/STS	RR2/STS	77.1	52.5	61.2	87.1	61.5	63.1	67.9		
Davis 4148RR2YS	RR2/STS	77.1	54.9	62.9	76.3	61.1	64.0	66.4		
Davis 4347RR2YS	RR2/STS	77.4	46.6	60.4	79.0	64.9	62.3	65.6		
Delta Grow 4755GENRR2Y	RR2	77.2	55.5	66.5	78.9	57.6	64.2	67.2		
Delta Grow 4765GENRR2Y/STS	RR2/STS	76.3	54.3	64.9	86.3	60.7	64.1	68.5		
Delta Grow 4825GENRR2Y/STS	RR2/STS	76.5	47.8	60.0	76.7	61.2	61.4	64.4		
Delta Grow 4880RR	RR1	71.4	53.4	71.1	64.2	63.7	64.9	64.7		
Delta Grow 4925GENRR2Y	RR2	72.6	48.4	50.2	79.7	60.6	58.0	62.3		
Delta Grow 4940RR	RR1	74.2	49.4	67.5	74.0	60.5	62.9	65.1		
Delta Grow 4970RR	RR1	74.7	57.6	68.4	75.4	69.4	67.5	69.1		
Dyna-Gro S47RY13	RR2	73.8	50.9	57.8	75.1	62.9	61.4	64.1		
Dyna-Gro S48RS53	RR2/STS	74.9	52.5	71.8	82.7	61.6	65.2	68.7		
Eagle Seed 4777RR	RR1	76.4	47.4	60.8	81.5	55.7	60.1	64.4		
Eagle Seed 4818RR	RR1	70.3	48.6	63.9	75.3	59.0	60.4	63.4		
Eagle Seed 4998RR	RR1	73.8	48.5	58.3	73.8	47.4	57.0	60.3		
HBK RY4721	RR2/STS	72.6	56.1	65.4	71.0	62.5	64.2	65.5		

Table 12. Yields of Maturity Group IV Late, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser Double-										Stuttgart Irrigated	Rohwer Irrigated	Clay ³ Average	All-Location Average
		Keiser Irrigated	Keiser Non-Irrigated	Crop Irrigated	bu/A.....										
Maturity Group IV Late (RM 4.7 to 4.9) Continued															
Morsoy Xtra 47X12	RR2	72.4	51.2	69.2	83.4	66.1	64.7	68.5							
Morsoy Xtra 48X02	RR2	77.2	61.3	66.7	80.0	62.2	66.9	69.5							
Morsoy Xtra 49X14	RR2	76.1	50.8	61.4	75.6	62.5	62.7	65.3							
MPG 4714NRR	RR1	68.6	50.7	57.5	71.1	53.7	57.6	60.3							
Mycogen 5N478RR2	RR1/STS	76.2	54.9	68.8	72.5	64.6	66.1	67.4							
NK S47-N3 Brand	RR2	75.0	51.5	62.7	77.0	61.5	62.7	65.5							
NK S48-P4 Brand	RR2	71.5	47.4	53.4	72.3	57.1	57.4	60.3							
NK S49-F8 Brand	RR1	76.7	53.6	61.8	77.9	65.3	64.4	67.1							
Pioneer P47T36R	RR2	81.5	43.7	55.9	78.4	64.4	61.4	64.8							
Pioneer P48T53R	RR2	78.3	52.6	46.6	77.4	58.5	59.0	62.7							
Pioneer P49T80R	RR2	76.4	50.3	54.5	80.8	59.9	60.3	64.4							
Pioneer P49T97R	RR2	76.7	51.7	62.1	86.5	61.2	62.9	67.6							
Progeny P 4710 RYS	RR2/STS	76.0	56.7	61.4	79.2	64.3	64.6	67.5							
Progeny P 4747 RY	RR2	73.1	56.4	71.4	78.6	57.7	64.7	67.5							
Progeny P 4850 RYS	RR2/STS	76.4	52.4	72.0	80.3	66.1	66.7	69.5							
Progeny P 4900 RY	RR2	81.9	60.8	64.7	77.5	59.5	66.7	68.9							
REV® 47R34™	RR1	80.6	53.2	65.3	81.7	61.1	65.0	68.4							
REV® 47R53™	RR1	82.0	53.2	59.8	74.0	61.0	64.0	66.0							
REV® 48R22™	RR1	71.6	49.9	63.7	71.8	58.0	60.8	63.0							
REV® 48R33™	RR1	70.6	51.6	71.8	74.7	61.1	63.8	66.0							
REV® 48R44™	RR1	82.2	54.9	70.4	81.2	63.9	67.9	70.5							
REV® 49R22™	RR1	65.2	43.7	56.9	79.7	58.7	56.1	60.8							
REV® 49R94™	RR1	78.9	54.9	62.5	83.0	67.2	65.8	69.3							
Schillinger 4712R2	RR2	66.6	49.5	53.8	62.5	48.0	54.5	56.1							
Schillinger 478.RCS	RR1/STS	70.3	45.8	52.4	79.4	57.3	56.5	61.1							
Schillinger 495.RC	RR1	72.8	50.9	62.1	74.9	63.1	62.2	64.8							

Table 12. Yields of Maturity Group IV Late, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser Double- Crop					Stuttgart Irrigated	Rohwer Irrigated	Clay ³ Average	All-Location Average
		Keiser Irrigated	Keiser Non- Irrigated	Irrigated	Irrigated	Irrigated				
.....bu/A.....										
Maturity Group IV Late (RM 4.7 to 4.9) Continued										
USG 74B81R	RR2/STS	70.0	48.0	56.8	74.1	57.8	58.1	61.3		
USG 74B83R	RR2/STS	78.5	53.4	67.9	82.0	59.6	64.9	68.3		
USG 74E88	RR1/STS	65.4	45.7	49.8	67.7	43.1	51.0	54.3		
Willcross RY2494NS	RR2/STS	71.1	55.5	55.7	77.9	59.4	60.4	63.9		
GRAND MEAN		74.9	52.2	61.9	77.4	60.2	62.3	65.3		
LSD (5%)		4.2	7.0	9.0	5.5	5.0	6.3	6.1		
C.V.		4.1	9.9	10.7	5.3	6.1	7.7	7.2		

¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Non-Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Double-Crop Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Sharkey silt loam.

Rohwer Irrigated = Rohwer Research Station. Soil series = Sharkey clay.

²Yields from the Marianna location were not reported due to low yields and poor uniformity.

³Average yields from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated and Rohwer Irrigated.

Table 13. Yields of Maturity Group V Early, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴		Clay ⁵ Average		
								Loam Average				
Maturity Group V Early (RM 5.0 to 5.5)												
AgVenture 50K5RR™	RR1	78.5	58.8	61.4	68.6	59.9	54.7	61.6	64.7	63.7		
AgVenture 55K5RR™	RR1	76.9	61.2	72.8	73.4	72.1	53.9	63.7	70.8	68.4		
AgVenture AvDX - V213	RR1	78.8	54.4	77.0	73.1	71.6	57.3	65.2	70.5	68.7		
ARMOR 53-R16	RR2	79.7	60.0	77.1	74.7	67.7	54.4	64.6	71.1	68.9		
ARMOR 53-R88	RR2/STS	72.0	50.7	63.4	67.4	61.4	52.7	60.1	61.9	61.3		
ARMOR 55-R22	RR2	80.5	59.3	77.3	71.4	67.1	56.7	64.0	71.1	68.7		
ARMOR X1312	RR2	80.7	60.7	80.9	70.2	65.6	52.1	61.2	72.0	68.4		
ARMOR X1354	RR2	81.4	60.7	71.4	74.4	65.3	49.2	61.8	69.7	67.1		
ARMOR X1410	RR2	74.5	53.6	61.4	72.2	57.2	52.9	62.5	61.7	61.9		
ARMOR X1413	RR2	76.3	55.0	71.8	74.0	67.2	56.1	65.0	67.6	66.7		
ARMOR X1414	RR2	79.4	53.7	72.1	79.7	67.0	50.8	65.2	68.0	67.1		
ASGROW AG5233 GENRR2Y/STS	RR2/STS	80.0	59.0	68.3	79.6	63.9	60.2	69.9	67.8	68.5		
ASGROW AG5332 GENRR2Y	RR2	83.3	61.1	67.5	78.5	67.3	57.1	67.8	69.8	69.1		
ASGROW AG5533 GENRR2Y/STS	RR2/STS	74.9	55.4	74.1	73.2	76.1	52.4	62.8	70.1	67.7		
Delta Grow 5125GENRR2Y	RR2	71.2	57.2	73.1	75.1	62.0	52.5	63.8	65.9	65.2		
Delta Grow 5130GENRR2Y	RR2	77.0	56.9	70.9	75.0	66.1	53.9	64.4	67.7	66.6		
Delta Grow 5475GENRR2Y	RR2	68.8	61.1	71.3	75.2	65.5	54.9	65.0	66.7	66.1		
Delta Grow 5480GENRR2Y	RR2	76.3	59.6	72.3	84.5	70.6	51.5	68.0	69.7	69.2		
Delta Grow 5565GENRR2Y	RR2	70.3	57.2	69.7	68.6	72.7	53.9	61.3	67.5	65.4		
Delta Grow 5575GENRR2Y	RR2	73.3	57.3	69.6	75.1	72.7	55.9	65.5	68.2	67.3		
Dyna-Gro 32RY55	RR2	78.9	61.3	80.0	71.5	82.3	58.4	65.0	75.6	72.1		
Dyna-Gro S53RY23	RR2	76.2	57.6	72.4	71.4	61.6	55.7	63.5	66.9	65.8		
Dyna-Gro S54RY43	RR2	74.2	58.5	66.9	79.7	70.2	53.9	66.8	67.5	67.3		
Eagle Seed 5400RR	RR1	69.2	53.5	69.6	73.4	64.0	49.4	61.4	64.1	63.2		
Eagle Seed 5507RR	RR1	68.3	55.8	64.2	69.9	65.6	47.7	58.8	63.5	61.9		
Eagle Seed 5519RR	RR1	66.8	51.1	63.0	73.5	69.6	46.6	60.1	62.6	61.8		
HBK RY5221	RR2	76.0	57.3	69.4	70.9	61.0	54.7	62.8	65.9	64.9		

Table 13. Yields of Maturity Group V Early, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴		Clay ⁵ Average		
								Loam Average	Average			
Maturity Group V Early (RM 5.0 to 5.5) Continued												
HBK RY5421	RR2	79.9	61.5	69.8	76.5	70.8	60.0	68.2	70.5	69.8		
Mor soy EXP 55	RR2	77.2	59.7	66.2	76.8	72.3	54.1	65.4	68.9	67.7		
Mor soy RT 5429	RR1	81.4	56.1	70.2	73.2	63.9	48.6	60.9	67.9	65.6		
Mor soy Xtra 53X82	RR2	75.5	59.9	75.4	79.6	65.5	53.3	66.4	69.1	68.2		
MPG-S-5214NRR	RR1	68.5	55.1	64.3	74.9	59.9	44.8	59.9	61.9	61.3		
NK S51-H9 Brand	RR2	76.7	57.5	75.2	74.3	61.2	52.3	63.3	67.6	66.2		
NK S52-Y2 Brand	RR2	80.0	57.2	65.3	86.5	58.5	56.1	71.3	65.3	67.3		
Pioneer 95Y10	RR2	78.9	62.0	70.2	73.5	65.1	49.6	61.5	69.1	66.5		
Pioneer P50T40R	RR2	78.6	55.2	64.9	73.5	60.8	58.6	66.1	64.8	65.3		
Pioneer P50T64R	RR2	80.1	58.6	67.9	78.6	64.6	49.2	63.9	67.8	66.5		
Pioneer P54T94R	RR2	75.7	57.7	62.7	82.7	63.7	50.4	66.5	64.9	65.5		
Progeny P 5111 RY	RR2	74.4	57.0	74.4	74.6	64.6	51.5	63.1	67.6	66.1		
Progeny P 5210 RY	RR2	77.6	56.4	68.6	71.7	67.1	54.1	62.9	67.4	65.9		
Progeny P 5213 RY	RR2	73.7	54.4	65.3	81.1	63.3	53.1	67.1	64.2	65.1		
Progeny P 5333 RY	RR2	75.9	53.3	68.8	78.5	62.7	50.4	64.4	65.2	64.9		
Progeny P 5555 RY	RR2	79.1	57.1	77.2	76.0	72.1	52.1	64.1	71.4	68.9		
R04-1268RR	RR1	68.0	51.3	65.0	74.4	57.8	48.9	61.7	60.5	60.9		
R10-130RY	RR2	74.0	53.8	70.5	69.3	63.1	49.6	59.4	65.4	63.4		
R10-428RY	RR2	75.2	56.7	64.4	74.2	56.9	50.2	62.2	63.3	62.9		
REV® 51R53™	RR1	82.3	60.9	60.7	71.1	61.5	56.9	64.0	66.3	65.5		
REV® 52R74™	RR1	75.8	57.8	69.7	76.4	72.5	54.3	65.4	68.9	67.7		
REV® 53R23™	RR1	67.2	51.3	60.3	78.5	58.4	47.8	63.2	59.3	60.6		
REV® 54R84™	RR1	77.8	57.9	66.2	75.7	69.7	55.5	65.6	67.9	67.1		
REV® 55R53™	RR1	77.6	58.9	71.6	76.2	65.9	56.9	66.5	68.5	67.9		
S09-6201R	RR1	73.7	51.2	71.5	75.1	63.8	54.5	64.8	65.0	65.0		
Schillinger 5220.RC	RR1	76.2	59.1	62.7	74.0	62.3	52.7	63.3	65.1	64.5		
Schillinger 557.RC	RR1	72.1	57.1	60.6	64.2	59.1	47.6	55.9	62.2	60.1		

Table 13. Yields of Maturity Group V Early, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average	
		Keiser Irrigated	Keiser Non-Irrigated	Double-Crop Irrigated	Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴ Loam Average	Clay ⁵ Average				
.....bu./A.....													
Maturity Group V Early (RM 5.0 to 5.5) Continued													
USG 75Q42R	RR2	74.3	59.7	68.2	81.7	63.5	56.2	69.0	66.4	67.3			
Willcross RY2513N	RR2	73.4	55.7	64.9	73.3	58.2	51.9	62.6	63.1	62.9			
Willcross RY2533N	RR2	77.7	62.1	67.6	79.4	64.8	50.2	64.8	68.0	67.0			
Willcross RY2543N	RR2	73.5	61.0	66.4	70.6	66.8	49.8	60.2	66.9	64.7			
GRAND MEAN		75.8	57.3	69.1	74.8	65.4	52.9	63.9	66.9	65.9			
LSD (5%)		4.4	4.8	6.1	4.6	6.6	5.6	5.1	5.5	5.3			
C.V.		4.3	6.2	6.5	4.5	7.4	7.8	6.1	6.1	6.1			

¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Non-Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Keiser Double-Crop Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.

Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Sharkey silt loam.

Rohwer Irrigated = Rohwer Research Station. Soil series = Sharkey clay.

Kibler Irrigated = Vegetable Research Station. Soil series = Roxanna silt loam.

²Yields from the Marianna location were not reported due to low yields and poor uniformity.³Only Maturity Group V varieties and strains tested at the Kibler location. Tests were planted at this location on May 29 and replanted on June 25.

Immediately following the first planting date the area received heavy rainfall resulting in inadequate stands.

⁴Average yields from Stuttgart Irrigated and Kibler Irrigated.⁵Average yields from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated and Rohwer Irrigated.

Table 14. Yields of Maturity Group V Late, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}.

Variety/Experimental Line	Herbicide Tolerance	Keiser										All-Location Average	
		Keiser		Double-Irrigated		Stuttgart Irrigated	Rohwer Irrigated	Kibler ³ Irrigated	Silt ⁴		Clay ⁵ Average	Location Average	
		Keiser Irrigated	Non-Irrigated	Crop Irrigated	Loam Average								
Maturity Group V Late (RM 5.6 to 5.9)													
Delta Grow 5625GENRR2Y	RR2	79.2	50.1	66.3	79.8	66.0	48.8	64.3	65.4	65.0			
Dyna-Gro 39RY57	RR2	80.7	56.5	68.4	75.5	67.9	50.3	62.9	68.3	66.5			
Dyna-Gro S56RY84	RR2	76.4	54.6	76.8	76.2	66.2	49.3	62.7	68.5	66.6			
Eagle Seed 5650RR	RR1	76.4	56.3	65.1	77.9	73.0	46.1	62.0	67.7	65.8			
NK S56-G6 Brand	RR1	72.7	50.5	67.2	76.6	70.2	51.0	63.8	65.1	64.7			
Pioneer 95Y80	RR2	78.3	51.7	74.8	83.1	70.9	52.0	67.5	68.9	68.5			
Pioneer P55T57R	RR2	79.5	53.9	71.0	86.0	70.9	54.4	70.2	68.8	69.3			
Progeny P 5610 RY	RR2	79.7	58.4	70.5	77.3	75.3	47.9	62.6	71.0	68.2			
Progeny P 5711 RY	RR2	82.1	53.3	64.2	76.9	74.8	51.0	64.0	68.6	67.1			
R04-1250RR	RR1	65.9	50.7	62.5	64.3	66.8	45.0	54.6	61.5	59.2			
R10-197RY	RR2	79.4	51.5	68.8	70.6	71.1	48.7	59.6	67.7	65.0			
REV® 56R21™	RR1	78.7	55.4	67.8	81.2	68.1	48.9	65.0	67.5	66.7			
REV® 56R63™	RR1	80.5	58.4	75.2	78.2	73.5	50.7	64.4	71.9	69.4			
REV® 57R21™	RR1	82.9	56.3	71.9	82.6	72.2	46.1	64.4	70.8	68.7			
REV® 59R13™	RR1	75.6	49.7	71.9	77.9	68.4	51.5	64.7	66.4	65.8			
USG 75J62R	RR2/STS	81.0	50.5	70.6	73.5	66.6	50.7	62.1	67.1	65.5			
GRAND MEAN		78.0	53.6	69.5	77.3	70.1	49.5	63.4	67.8	66.4			
LSD (5%)		4.1	4.8	6.0	7.6	5.5	4.1	5.9	5.1	5.3			
C.V.		3.7	6.4	6.2	7.1	5.6	6.0	6.5	5.5	5.8			

Table 14. Yields of Maturity Group V Late, Full-Season, Roundup Ready™ Soybean Varieties and Strains at All Locations, 2013^{1,2}, Continued.

- ¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.
Keiser Nonirrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.
Keiser Double-Crop Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.
Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Crowley silt loam.
Rohwer Irrigated = Rohwer Research Station. Soil series = Sharkey clay.
Kibler Irrigated = Vegetable Research Station. Soil series = Roxanna silt loam.
²Yields from the Marianna location were not reported due to low yields and poor uniformity.
³Only Maturity Group V varieties and strains tested at the Kibler location. Tests were planted at this location on May 29 and replanted on June 25.
Immediately following the first planting date the area received heavy rainfall resulting in inadequate stands.
⁴Average yields from Stuttgart Irrigated and Kibler Irrigated.
⁵Average yields from Keiser Irrigated, Keiser Non-Irrigated, Keiser Double-Crop Irrigated and Rohwer Irrigated.

Table 15. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
AgVenture AvDX - D613	81.7	81.8	•	09/23	2.0	1.0	38
ARMOR 44-R08	81.7	83.4	•	09/28	1.0	1.0	39
Mycogen 5N451R2	80.8	•	•	09/29	3.0	1.0	43
Morsoy Xtra 46X29	80.2	77.4	76.6	09/25	1.0	1.0	40
REV® 46R64™	80.2	•	•	10/01	2.0	1.0	41
ASGROW AG4632 GENRR2Y/STS	80.2	84.7	•	09/25	2.0	1.0	42
Mycogen 5N431R2	80.0	•	•	10/01	1.0	1.0	39
ARMOR X1401	79.5	•	•	09/26	1.0	1.0	38
Davis 4146RR2YS	79.0	•	•	10/01	2.0	1.0	43
NK S46-L2 Brand	78.7	•	•	10/01	2.0	1.0	40
Progeny P 4510 RYS	78.6	78.7	80.2	09/26	2.0	1.0	38
Pioneer P46T21R	78.4	•	•	09/27	2.0	1.0	37
Willcross WX2464N	78.2	•	•	09/30	2.0	1.0	42
Delta Grow 4670GENRR2Y	77.8	82.6	80.9	09/28	2.0	1.0	40
NK S44-D5 Brand	77.5	80.0	•	09/23	2.0	1.0	36
Progeny P 4313 RY	77.4	•	•	09/24	1.0	1.0	34
Dyna-Gro 31RY45	77.4	81.9	78.5	09/21	2.0	1.0	42
ARMOR 45-R60	77.4	•	•	09/25	1.0	1.0	35
USG 74A33R	77.3	•	•	09/24	1.0	1.0	32
Schillinger 458.RCS	77.3	•	•	09/30	1.0	1.0	40
AGS 45R212	77.2	81.3	•	09/28	3.0	1.0	47
Mycogen 5N423R2	76.7	•	•	09/23	1.0	1.0	40
Willcross RY2460S	76.7	78.7	80.3	09/25	2.0	1.0	39
Progeny P 4211 RY	76.5	80.9	81.1	09/22	1.0	1.0	36
ARMOR X1404	76.3	•	•	09/26	2.0	1.0	42
Dyna-Gro 39RY43	76.3	82.7	81.4	09/29	2.0	1.0	36
ASGROW AG4534 GENRR2Y/STS	76.1	•	•	09/30	2.0	1.0	39
HBK RY4620	76.1	78.0	78.3	09/29	1.0	1.0	42
Morsoy Xtra 44X82	75.8	81.3	•	09/23	1.0	1.0	38
Progeny P 4613 RYS	75.5	•	•	09/28	2.0	1.0	36
REV® 46R73™	74.6	80.0	78.6	09/27	2.0	1.0	38
AGS 43R212	74.1	73.4	•	09/29	2.3	1.0	40
ASGROW AG4633 GENRR2Y	73.6	78.0	•	09/24	1.0	1.0	36
ASGROW AG4232 GENRR2Y/STS	73.3	78.4	77.8	09/22	2.0	1.0	37
NK S43-K1 Brand	72.5	•	•	09/22	2.0	1.0	37
NK S45-V8 Brand	71.1	•	•	09/27	2.0	1.0	40
Pioneer 94Y23	70.5	79.8	•	09/21	1.0	1.0	35
MPG 4514NRR/STS	67.9	•	•	09/27	2.0	1.0	43
ARMOR X1406	66.7	•	•	09/25	1.0	1.0	41
GRAND MEAN	76.6	•	•	09/26	1.7	1.0	39
LSD (5%)	5.9	•	•	1	0.1	•	•
C.V.	5.7	•	•	3	5.5	•	•

Table 15. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
ARMOR 49-R56	85.5	87.4	•	10/13	1.0	1.0	37
REV® 48R44™	82.2	•	•	10/09	2.0	1.0	42
REV® 47R53™	82.0	78.8	78.3	10/07	1.0	1.0	38
Progeny P 4900 RY	81.9	86.5	•	10/10	2.0	1.0	38
Pioneer P47T36R	81.5	•	•	10/08	1.0	1.0	40
REV® 47R34™	80.6	•	•	10/07	2.0	1.0	40
AGS 47R212	80.0	81.7	•	10/08	2.0	1.0	39
REV® 49R94™	78.9	•	•	10/10	2.0	1.0	41
USG 74B83R	78.5	•	•	10/12	3.0	1.0	35
Pioneer P48T53R	78.3	•	•	10/10	1.0	1.0	38
Davis 4347RR2YS	77.4	•	•	10/06	1.0	1.0	34
Delta Grow 4755GENRR2Y	77.2	76.7	•	10/09	1.0	1.0	41
ASGROW AG4933 GENRR2Y	77.2	81.9	•	10/10	2.0	1.0	37
Mor soy Xtra 48X02	77.2	78.5	•	10/09	2.0	1.0	43
ASGROW AG4934 GENRR2Y/STS	77.1	•	•	10/10	2.0	1.0	40
Davis 4148RR2YS	77.1	76.9	•	10/11	3.0	1.0	38
NK S49-F8 Brand	76.7	80.3	•	10/08	1.0	1.0	36
Pioneer P49T97R	76.7	•	•	10/12	1.0	1.0	37
ARMOR 48-R66	76.5	•	•	10/06	1.0	1.0	35
Delta Grow 4825GENRR2Y/STS	76.5	77.0	•	10/11	3.0	1.0	35
Pioneer P49T80R	76.4	•	•	10/10	2.0	1.0	40
Progeny P 4850 RYS	76.4	81.9	•	10/10	2.0	1.0	38
Eagle Seed 4777RR	76.4	78.7	77.4	10/08	2.0	1.0	37
Delta Grow 4765GENRR2Y/STS	76.3	80.0	•	10/08	2.0	1.0	40
Mycogen 5N478RR2	76.2	•	•	10/08	3.0	1.0	44
Mor soy Xtra 49X14	76.1	•	•	10/14	3.0	1.0	39
Progeny P 4710 RYS	76.0	81.7	•	10/09	1.0	1.0	39
NK S47-N3 Brand	75.0	•	•	10/05	1.0	1.0	37
Dyna-Gro S48RS53	74.9	•	•	10/09	2.0	1.0	39
Delta Grow 4970RR	74.7	77.5	76.0	10/12	3.0	1.0	44
ASGROW AG4832 GENRR2Y/STS	74.5	76.0	•	10/04	3.0	1.0	47
ARMOR 48-R40	74.5	80.3	80.5	10/09	1.0	1.0	36
Delta Grow 4940RR	74.2	•	•	10/12	1.0	1.0	38
ARMOR 47-R13	74.0	79.7	•	10/06	2.0	1.0	35
ARMOR 4744	74.0	77.8	79.0	10/06	1.0	1.0	37
Dyna-Gro S47RY13	73.8	75.2	•	10/06	2.0	1.0	39
Eagle Seed 4998RR	73.8	78.3	77.9	10/07	1.0	1.0	37
Progeny P 4747 RY	73.1	74.7	•	10/08	2.0	1.0	40
Schillinger 495.RC	72.8	69.3	69.7	10/12	3.0	1.0	42
Delta Grow 4925GENRR2Y	72.6	77.0	•	10/09	2.0	1.0	40
HBK RY4721	72.6	77.3	77.2	10/12	2.0	1.0	42
Mor soy Xtra 47X12	72.4	78.0	•	10/07	1.7	1.0	44
ARMOR X1409	71.6	•	•	10/10	2.0	1.0	41

Table 15. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
REV® 48R22™	71.6	75.1	76.1	10/08	4.0	1.0	34
NK S48-P4 Brand	71.5	75.0	•	10/07	1.0	1.0	42
Delta Grow 4880RR	71.4	75.3	75.6	10/10	3.0	1.0	33
Willcross RY2494NS	71.1	•	•	10/11	2.0	1.0	35
REV® 48R33™	70.6	72.1	75.2	10/07	1.0	1.0	39
Eagle Seed 4818RR	70.3	71.0	72.7	10/10	2.0	1.0	40
Schillinger 478.RCS	70.3	71.7	74.3	10/10	2.0	1.0	42
USG 74B81R	70.0	76.4	77.2	10/09	2.0	1.0	45
AgVenture AvDX - D913	69.2	•	•	10/10	2.0	1.0	43
MPG 4714NRR	68.6	•	•	10/08	2.0	1.0	41
Schillinger 4712R2	66.6	•	•	10/04	1.0	1.0	37
USG 74E88	65.4	66.8	68.2	10/04	1.0	1.0	38
REV® 49R22™	65.2	72.6	72.9	10/09	4.0	1.0	44
GRAND MEAN	74.9	•	•	10/08	1.9	1.0	39
LSD (5%)	4.2	•	•	1	0.1	•	•
C.V.	4.1	•	•	8	4.1	•	•

Maturity Group V Early (RM 5.0 to 5.5)

ASGROW AG5332 GENRR2Y	83.3	83.8	•	10/16	1.0	1.0	36
REV® 51R53™	82.3	85.1	81.4	10/15	1.0	1.0	36
Morsoy RT 5429	81.4	81.2	81.5	10/18	1.0	1.0	33
ARMOR X1354	81.4	•	•	10/17	1.0	1.0	28
ARMOR X1312	80.7	78.7	•	10/14	1.0	1.0	39
ARMOR 55-R22	80.5	76.4	76.6	10/16	1.0	1.0	34
Pioneer P50T64R	80.1	•	•	10/15	1.0	1.0	34
ASGROW AG5233 GENRR2Y/STS	80.0	79.5	•	10/18	2.0	1.0	38
NK S52-Y2 Brand	80.0	•	•	10/16	1.0	1.0	39
HBK RY5421	79.9	78.5	79.9	10/15	1.0	1.0	33
ARMOR 53-R16	79.7	84.3	•	10/17	1.0	1.0	35
ARMOR X1414	79.4	•	•	10/17	1.0	1.0	28
Progeny P 5555 RY	79.1	•	•	10/17	2.0	1.0	39
Dyna-Gro 32RY55	78.9	77.4	77.0	10/19	2.0	1.0	39
Pioneer 95Y10	78.9	81.2	•	10/17	1.0	1.0	36
AgVenture AvDX - V213	78.8	•	•	10/18	1.0	1.0	26
Pioneer P50T40R	78.6	•	•	10/14	1.0	1.0	33
AgVenture 50K5RR™	78.5	82.0	•	10/14	2.0	1.0	39
REV® 54R84™	77.8	78.6	•	10/14	1.0	1.0	20
Willcross RY2533N	77.7	•	•	10/14	1.0	1.0	35
REV® 55R53™	77.6	74.0	•	10/17	1.0	1.0	28
Progeny P 5210 RY	77.6	76.9	76.8	10/14	1.0	1.0	32
Morsoy EXP 55	77.2	•	•	10/16	1.0	1.0	32

Table 15. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) continued</u>							
Delta Grow 5130GENRR2Y	77.0	•	•	10/14	1.0	1.0	37
AgVenture 55K5RR™	76.9	76.5	•	10/19	2.0	1.0	40
NK S51-H9 Brand	76.7	77.0	•	10/15	1.0	1.0	37
ARMOR X1413	76.3	•	•	10/13	1.0	1.0	39
Delta Grow 5480GENRR2Y	76.3	•	•	10/16	1.0	1.0	28
Schillinger 5220.RC	76.2	70.6	74.1	10/16	1.0	1.0	43
Dyna-Gro S53RY23	76.2	•	•	10/15	1.0	1.0	37
HBK RY5221	76.0	78.2	79.9	10/14	3.0	1.0	46
Progeny P 5333 RY	75.9	•	•	10/14	1.0	1.0	30
REV® 52R74™	75.8	76.7	•	10/14	2.0	1.0	36
Pioneer P54T94R	75.7	•	•	10/16	1.0	1.0	31
Morsoy Xtra 53X82	75.5	72.1	•	10/15	1.0	1.0	41
R10-428RY	75.2	•	•	10/15	1.0	1.0	32
ASGROW AG5533 GENRR2Y/STS	74.9	75.4	•	10/15	1.0	1.0	31
ARMOR X1410	74.5	•	•	10/17	2.0	1.0	38
Progeny P 5111 RY	74.4	65.8	68.8	10/14	1.0	1.0	28
USG 75Q42R	74.3	73.7	•	10/14	1.0	1.0	36
Dyna-Gro S54RY43	74.2	71.4	•	10/17	1.0	1.0	34
R10-130RY	74.0	•	•	10/17	1.0	1.0	28
S09-6201R	73.7	•	•	10/14	1.0	1.0	36
Progeny P 5213 RY	73.7	•	•	10/14	2.0	1.0	41
Willcross RY2543N	73.5	•	•	10/15	1.0	1.0	38
Willcross RY2513N	73.4	•	•	10/15	2.0	1.0	40
Delta Grow 5575GENRR2Y	73.3	•	•	10/17	1.0	1.0	34
Schillinger 557.RC	72.1	73.5	74.2	10/18	1.0	1.0	33
ARMOR 53-R88	72.0	73.0	77.2	10/14	1.0	1.0	27
Delta Grow 5125GENRR2Y	71.2	•	•	10/17	1.0	1.0	31
Delta Grow 5565GENRR2Y	70.3	•	•	10/17	1.0	1.0	32
Eagle Seed 5400RR	69.2	66.7	•	10/15	2.0	1.0	45
Delta Grow 5475GENRR2Y	68.8	73.0	•	10/15	1.0	1.0	29
MPG-S-5214NRR	68.5	•	•	10/14	2.0	1.0	36
Eagle Seed 5507RR	68.3	69.1	71.0	10/16	1.0	1.0	32
R04-1268RR	68.0	68.3	68.8	10/16	1.0	1.0	32
REV® 53R23™	67.2	75.9	•	10/14	1.0	1.0	19
Eagle Seed 5519RR	66.8	66.5	•	10/18	1.0	1.0	38
GRAND MEAN	75.8	•	•	10/15	1.2	1.0	34
LSD (5%)	4.4	•	•	1	•	•	•
C.V.	4.3	•	•	3	•	•	•

Table 15. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
REV® 57R21™	82.9	68.2	71.6	10/20	2.0	1.0	43
Progeny P 5711 RY	82.1	64.1	70.6	10/21	1.0	1.0	31
USG 75J62R	81.0	56.1	•	10/16	2.0	1.0	49
Dyna-Gro 39RY57	80.7	65.2	•	10/19	2.0	1.0	39
REV® 56R63™	80.5	68.9	71.7	10/20	2.0	1.0	42
Progeny P 5610 RY	79.7	62.6	69.0	10/19	1.0	1.0	25
Pioneer P55T57R	79.5	•	•	10/18	2.0	1.0	33
R10-197RY	79.4	•	•	10/17	1.0	1.0	30
Delta Grow 5625GENRR2Y	79.2	•	•	10/21	1.0	1.0	24
REV® 56R21™	78.7	66.3	70.1	10/19	2.0	1.0	33
Pioneer 95Y80	78.3	•	•	10/19	2.0	1.0	35
Eagle Seed 5650RR	76.4	69.1	•	10/20	1.0	1.0	31
Dyna-Gro S56RY84	76.4	•	•	10/20	2.0	1.0	41
REV® 59R13™	75.6	60.0	•	10/22	1.0	1.0	37
NK S56-G6 Brand	72.7	62.5	66.4	10/19	1.0	1.0	33
R04-1250RR	65.9	•	•	10/21	1.0	1.0	34
GRAND MEAN	78.0	•	•	10/19	1.5	1.0	35
LSD (5%)	4.1	•	•	•	•	•	•
C.V.	3.7	•	•	•	•	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.

Soil Series Sharky silty clay
Previous Crop Soybean
Row Width 38 inches
Planting Date 5/28
Herbicide Applications Valor + Gramoxone, 5/30; Flexstar + Dual Magnum, 6/11;
Storm + Select, 7/3
Irrigation Date 7/9, 7/20, 8/22, 9/3, 9/11
Harvest Dates MG 4E, 10/13; MG 4L, 10/22; MG 5E, 10/54; MG 5L, 10/25

		<u>Precipitation (inches)</u>				
2013 Average Departure	May	June	July	August	Sept.	Total
	1.9	4.8	4.0	4.7	2.9	18.4
	5.4	4.0	4.0	2.4	3.2	19.0
	-3.5	+0.8	0.0	+2.3	-0.3	-0.6

Table 16. Performance of Non-Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
USG 74A33R	60.0	•	•	9/22	2.0	1.0	31
Mycogen 5N431R2	59.6	•	•	9/20	1.0	1.0	34
Progeny P 4211 RY	59.5	53.9	54.0	9/20	1.0	1.0	30
Dyna-Gro 31RY45	59.0	54.0	50.9	9/19	2.0	1.0	43
AgVenture AvDX - D613	56.3	56.3	•	9/22	2.0	1.0	38
NK S46-L2 Brand	56.1	•	•	9/17	1.0	1.0	34
Willcross WX2464N	56.1	•	•	9/22	2.0	1.0	39
Davis 4146RR2YS	55.8	•	•	9/18	2.0	1.0	37
Delta Grow 4670GENRR2Y	55.2	50.3	51.4	9/22	2.0	1.0	38
HBK RY4620	54.8	50.7	50.9	9/22	2.0	1.0	37
ARMOR X1404	54.7	•	•	9/24	2.0	1.0	38
ASGROW AG4632 GENRR2Y/STS	54.5	55.2	•	9/22	1.7	1.0	41
ARMOR 44-R08	54.3	52.0	•	9/20	2.0	1.0	32
Progeny P 4313 RY	54.1	•	•	9/20	1.0	1.0	31
NK S45-V8 Brand	53.9	•	•	9/19	1.0	1.0	36
AGS 45R212	53.8	50.5	•	9/23	2.0	1.0	40
Morsoy Xtra 46X29	53.5	52.6	50.9	9/23	2.0	1.0	39
REV® 46R73™	53.4	50.3	51.5	9/19	2.0	1.0	38
NK S44-D5 Brand	53.3	51.8	•	9/20	3.0	1.0	35
Progeny P 4510 RYS	52.9	50.2	48.2	9/21	2.0	1.0	35
Progeny P 4613 RYS	52.5	•	•	9/20	2.0	1.0	36
ASGROW AG4232 GENRR2Y/STS	51.8	47.7	48.6	9/14	2.0	1.0	34
ASGROW AG4633 GENRR2Y	51.4	50.6	•	9/17	1.0	1.0	33
ARMOR 45-R60	51.3	•	•	9/15	1.3	1.0	31
Dyna-Gro 39RY43	51.3	51.5	51.8	9/17	1.0	1.0	32
REV® 46R64™	51.3	•	•	9/18	1.0	1.0	40
ASGROW AG4534 GENRR2Y/STS	50.4	•	•	9/16	1.0	1.0	34
ARMOR X1401	50.1	•	•	9/16	1.0	1.0	37
Mycogen 5N451R2	50.0	•	•	9/22	2.0	1.0	39
Mycogen 5N423R2	49.6	•	•	9/14	1.0	1.0	34
AGS 43R212	48.9	45.8	•	9/18	2.0	1.0	37
ARMOR X1406	47.3	•	•	9/20	1.0	1.0	40
Schillinger 458.RCS	46.5	•	•	9/20	1.0	1.0	35
Morsoy Xtra 44X82	46.1	43.5	•	9/17	2.0	1.0	31
Pioneer P46T21R	46.1	•	•	9/18	2.0	1.0	34
Pioneer 94Y23	45.7	42.8	•	9/14	1.0	1.0	30
Willcross RY2460S	44.9	48.2	47.7	9/18	1.0	1.0	33
MPG 4514NRR/STS	44.3	•	•	9/17	1.0	1.0	37
NK S43-K1 Brand	36.8	•	•	9/16	1.0	1.0	34
GRAND MEAN	52.0	•	•	9/19	1.6	1.0	36
LSD (5%)	7.7	•	•	1	0.2	•	•
C.V.	10.9	•	•	5	8.3	•	•

Table 16. Performance of Non-Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
Morsoy Xtra 48X02	61.3	56.2	•	9/28	1.0	1.0	37
Progeny P 4900 RY	60.8	55.7	•	9/29	1.0	1.0	31
AGS 47R212	59.7	55.1	•	9/25	1.0	1.0	36
Delta Grow 4970RR	57.6	52.4	53.5	9/30	3.0	1.0	37
Progeny P 4710 RYS	56.7	56.0	55.1	9/27	1.0	1.0	33
ARMOR 47-R13	56.5	55.0	•	9/30	1.0	1.0	35
Progeny P 4747 RY	56.4	53.8	•	9/25	1.0	1.0	37
ARMOR 4744	56.3	51.7	53.0	9/25	1.0	1.0	35
HBK RY4721	56.1	51.3	52.3	9/26	1.0	1.0	35
Delta Grow 4755GENRR2Y	55.5	53.9	•	9/24	1.0	1.0	34
Willcross RY2494NS	55.5	•	•	9/28	3.0	1.0	35
ARMOR 49-R56	55.3	52.9	•	9/27	1.0	1.0	31
ARMOR 48-R40	55.0	53.9	56.2	9/25	1.0	1.0	35
REV® 48R44™	54.9	•	•	9/25	1.0	1.0	35
Davis 4148RR2YS	54.9	52.2	•	9/29	2.0	1.0	36
REV® 49R94™	54.9	•	•	9/25	1.0	1.0	35
ARMOR 48-R66	54.9	•	•	9/28	2.0	1.0	35
Mycogen 5N478RR2	54.9	•	•	9/24	1.0	1.0	34
Delta Grow 4765GENRR2Y/STS	54.3	54.2	•	9/29	2.0	1.0	35
ASGROW AG4832 GENRR2Y/STS	54.0	50.4	•	9/27	1.0	1.0	39
NK S49-F8 Brand	53.6	53.5	•	9/24	1.0	1.0	33
USG 74B83R	53.4	•	•	9/29	2.0	1.0	34
Delta Grow 4880RR	53.4	55.2	55.7	9/24	1.0	1.0	33
REV® 47R34™	53.2	•	•	9/26	1.0	1.0	36
REV® 47R53™	53.2	53.8	56.2	9/26	1.0	1.0	33
Pioneer P48T53R	52.6	•	•	9/26	1.0	1.0	31
Dyna-Gro S48R553	52.5	•	•	9/26	1.0	1.0	35
ASGROW AG4934 GENRR2Y/STS	52.5	•	•	9/28	1.0	1.0	36
Progeny P 4850 RYS	52.4	56.5	•	9/30	1.0	1.0	38
Pioneer P49T97R	51.7	•	•	9/28	1.0	1.0	33
REV® 48R33™	51.6	48.2	50.8	9/24	1.0	1.0	37
AgVenture AvDX - D913	51.5	•	•	9/28	2.0	1.0	35
NK S47-N3 Brand	51.5	•	•	9/28	1.0	1.0	36
Morsoy Xtra 47X12	51.2	53.5	•	9/30	2.0	1.0	39
Dyna-Gro S47RY13	50.9	49.5	•	9/28	1.0	1.0	37
Schillinger 495.RC	50.9	51.8	54.9	9/29	3.0	1.0	31
Morsoy Xtra 49X14	50.8	•	•	9/28	1.0	1.0	37
MPG 4714NRR	50.7	•	•	9/24	1.0	1.0	37
Pioneer P49T80R	50.3	•	•	9/25	1.0	1.0	34
ASGROW AG4933 GENRR2Y	50.3	50.7	•	9/29	1.0	1.0	37
ARMOR X1409	50.2	•	•	9/30	2.0	1.0	36
REV® 48R22™	49.9	48.3	50.0	9/26	2.0	1.0	29
Schillinger 4712R2	49.5	•	•	9/24	1.0	1.0	33

Table 16. Performance of Non-Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Delta Grow 4940RR	49.4	•	•	9/28	2.0	1.0	36
Eagle Seed 4818RR	48.6	49.8	50.7	9/30	2.0	1.0	35
Eagle Seed 4998RR	48.5	49.5	51.5	9/25	1.0	1.0	32
Delta Grow 4925GENRR2Y	48.4	46.9	•	9/28	2.0	1.0	35
USG 74B81R	48.0	45.5	47.7	9/27	2.0	1.0	38
Delta Grow 4825GENRR2Y/STS	47.8	50.4	•	9/30	1.0	1.0	34
NK S48-P4 Brand	47.4	46.1	•	9/28	2.0	1.0	37
Eagle Seed 4777RR	47.4	50.2	49.8	9/28	1.0	1.0	29
Davis 4347RR2YS	46.6	•	•	9/23	1.0	1.0	27
Schillinger 478.RCS	45.8	44.4	46.5	9/25	1.0	1.0	35
USG 74E88	45.7	45.5	47.8	9/24	1.0	1.0	32
Pioneer P47T36R	43.7	•	•	9/24	1.0	1.0	31
REV® 49R22™	43.7	45.5	47.1	9/24	2.0	1.0	30
GRAND MEAN	52.2	•	•	9/26	1.4	1.0	34
LSD (5%)	7.0	•	•	1	•	•	•
C.V.	9.9	•	•	1	•	•	•

Maturity Group V Early (RM 5.0 to 5.5)

Willcross RY2533N	62.1	•	•	10/10	1.0	1.0	37
Pioneer 95Y10	62.0	62.4	•	10/09	1.0	1.0	36
HBK RY5421	61.5	60.7	60.4	10/13	3.0	1.0	32
Dyna-Gro 32RY55	61.3	61.6	62.2	10/14	2.0	1.0	34
AgVenture 55K5RR™	61.2	64.1	•	10/14	2.0	1.0	39
ASGROW AG5332 GENRR2Y	61.1	60.4	•	10/10	1.0	1.0	33
Delta Grow 5475GENRR2Y	61.1	58.6	•	10/11	1.0	1.0	34
Willcross RY2543N	61.0	•	•	10/11	2.0	1.0	40
REV® 51R53™	60.9	60.0	60.2	10/10	1.0	1.0	38
ARMOR X1354	60.7	•	•	10/12	1.0	1.0	34
ARMOR X1312	60.7	59.1	•	10/09	1.0	1.0	38
ARMOR 53-R16	60.0	63.4	•	10/11	1.0	1.0	33
Morsoy Xtra 53X82	59.9	59.5	•	10/11	2.0	1.0	38
Morsoy EXP 55	59.7	•	•	10/13	2.0	1.0	31
USG 75Q42R	59.7	58.4	•	10/11	1.0	1.0	34
Delta Grow 5480GENRR2Y	59.6	•	•	10/14	1.0	1.0	34
ARMOR 55-R22	59.3	63.2	64.2	10/11	1.0	1.0	38
Schillinger 5220.RC	59.1	57.7	57.8	10/12	1.0	1.0	41
ASGROW AG5233 GENRR2Y/STS	59.0	57.1	•	10/12	1.0	1.0	37
REV® 55R53™	58.9	58.6	•	10/13	1.0	1.0	30
AgVenture 50K5RR™	58.8	58.4	•	10/11	2.0	1.0	37
Pioneer P50T64R	58.6	•	•	10/09	1.0	1.0	31
Dyna-Gro S54RY43	58.5	57.9	•	10/11	1.0	1.0	39

Table 16. Performance of Non-Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) continued</u>							
REV® 54R84™	57.9	60.9	•	10/11	1.0	1.0	31
REV® 52R74™	57.8	53.9	•	10/11	2.0	1.0	37
Pioneer P54T94R	57.7	•	•	10/12	1.0	1.0	34
Dyna-Gro S53RY23	57.6	•	•	10/12	1.0	1.0	35
NK S51-H9 Brand	57.5	54.2	•	10/12	2.0	1.0	35
Delta Grow 5575GENRR2Y	57.3	•	•	10/13	1.0	1.0	34
HBK RY5221	57.3	57.0	57.9	10/10	3.0	1.0	37
NK S52-Y2 Brand	57.2	•	•	10/12	2.0	1.0	39
Delta Grow 5565GENRR2Y	57.2	•	•	10/14	1.0	1.0	27
Delta Grow 5125GENRR2Y	57.2	•	•	10/09	1.0	1.0	35
Progeny P 5555 RY	57.1	•	•	10/12	1.0	1.0	34
Schillinger 557.RC	57.1	60.0	60.0	10/12	1.0	1.0	33
Progeny P 5111 RY	57.0	56.7	56.9	10/10	1.0	1.0	33
Delta Grow 5130GENRR2Y	56.9	•	•	10/09	1.0	1.0	39
R10-428RY	56.7	•	•	10/09	2.0	1.0	34
Progeny P 5210 RY	56.4	57.1	56.8	10/09	1.0	1.0	28
Morsoy RT 5429	56.1	61.5	61.1	10/12	2.0	1.0	31
Eagle Seed 5507RR	55.8	58.8	58.0	10/14	1.0	1.0	39
Willcross RY2513N	55.7	•	•	10/09	2.0	1.0	38
ASGROW AG5533 GENRR2Y/STS	55.4	58.7	•	10/12	3.0	1.0	36
Pioneer P50T40R	55.2	•	•	10/09	1.0	1.0	30
MPG-S-5214NRR	55.1	•	•	10/10	2.0	1.0	35
ARMOR X1413	55.0	•	•	10/08	2.0	1.0	41
AgVenture AvDX - V213	54.4	•	•	10/12	1.0	1.0	30
Progeny P 5213 RY	54.4	•	•	10/13	2.0	1.0	37
R10-130RY	53.8	•	•	10/10	1.0	1.0	34
ARMOR X1414	53.7	•	•	10/11	1.0	1.0	32
ARMOR X1410	53.6	•	•	10/09	1.0	1.0	42
Eagle Seed 5400RR	53.5	56.1	•	10/14	2.0	1.0	43
Progeny P 5333 RY	53.3	•	•	10/13	1.0	1.0	27
REV® 53R23™	51.3	54.4	•	10/09	1.0	1.0	26
R04-1268RR	51.3	55.5	56.6	10/08	1.0	1.0	34
S09-6201R	51.2	•	•	10/14	2.0	1.0	38
Eagle Seed 5519RR	51.1	51.5	•	10/14	1.0	1.0	34
ARMOR 53-R88	50.7	58.1	58.1	10/09	1.0	1.0	34
GRAND MEAN	57.3	•	•	10/11	1.4	1.0	35
LSD (5%)	4.8	•	•	1	•	•	•
C.V.	6.2	•	•	4	•	•	•

Table 16. Performance of Non-Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
REV® 56R63™	58.4	64.0	63.5	10/14	2.0	1.0	41
Progeny P 5610 RY	58.4	61.9	62.7	10/14	1.0	1.0	28
Dyna-Gro 39RY57	56.5	58.7	•	10/17	2.0	1.0	33
Eagle Seed 5650RR	56.3	61.1	•	10/13	1.0	1.0	28
REV® 57R21™	56.3	57.6	58.8	10/17	2.3	1.0	42
REV® 56R21™	55.4	59.4	61.2	10/15	1.0	1.0	35
Dyna-Gro S56RY84	54.6	•	•	10/14	1.0	1.0	34
Pioneer P55T57R	53.9	•	•	10/16	1.0	1.0	30
Progeny P 5711 RY	53.3	58.1	58.9	10/17	2.0	1.0	33
Pioneer 95Y80	51.7	•	•	10/15	1.0	1.0	34
R10-197RY	51.5	•	•	10/17	1.0	1.0	32
R04-1250RR	50.7	•	•	10/14	1.0	1.0	31
NK S56-G6 Brand	50.5	55.1	55.1	10/14	1.0	1.0	23
USG 75J62R	50.5	48.9	•	10/18	2.0	1.0	40
Delta Grow 5625GENRR2Y	50.1	•	•	10/15	1.0	1.0	32
REV® 59R13™	49.7	56.3	•	10/16	1.0	1.0	36
GRAND MEAN	53.6	•	•	10/15	1.3	1.0	33
LSD (5%)	4.8	•	•	•	0.4	•	•
C.V.	6.4	•	•	•	21.7	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.

Soil Series Sharky silty clay
Previous Crop Soybean
Row Width 38 inches
Planting Date 5/29
Herbicide Applications Valor + Gramoxone, 5/30; Flexstar + Dual Magnum, 6/11;
Storm + Select, 7/3
Harvest Dates MG 4E, 10/11; MG 4L, 10/14; MG 5E, 10/24; MG 5L, 10/24

2013 Average Departure	<u>Precipitation (inches)</u>					
	May	June	July	August	Sept.	Total
	1.9	4.8	4.0	4.7	2.9	18.4
	5.4	4.0	4.0	2.4	3.2	19.0
	-3.5	+0.8	0.0	+2.3	-0.3	-0.6

Table 17. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013.

Reiser, Ark., 2013.							
Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
AGS 45R212	78.4	70.2	•	10/08	1.0	1.0	40
ARMOR 44-R08	75.0	72.5	•	10/07	1.0	1.0	27
Delta Grow 4670GENRR2Y	71.0	67.8	66.9	10/09	1.0	1.0	33
Dyna-Gro 31RY45	70.6	70.1	67.3	10/04	1.0	1.0	36
Davis 4146RR2YS	70.2	•	•	10/05	1.0	1.0	37
Progeny P 4613 RYS	70.0	•	•	10/10	1.0	1.0	33
Mycogen 5N451R2	69.4	•	•	10/09	1.0	1.0	27
Pioneer P46T21R	69.1	•	•	10/08	1.0	1.0	27
ARMOR X1404	68.8	•	•	10/08	1.0	1.0	38
ASGROW AG4632 GENRR2Y/STS	68.7	71.8	•	10/09	1.0	1.0	35
NK S45-V8 Brand	68.3	•	•	10/07	1.0	1.0	36
ARMOR 45-R60	67.4	•	•	10/08	1.0	1.0	33
AgVenture AvDX - D613	65.9	63.8	•	10/08	1.0	1.0	32
REV® 46R73™	65.3	66.1	64.5	10/10	1.0	1.0	34
NK S43-K1 Brand	64.6	•	•	10/04	1.0	1.0	29
Mycogen 5N431R2	64.3	•	•	10/08	1.0	1.0	30
REV® 46R64™	64.1	•	•	10/09	1.0	1.0	34
Schillinger 458.RCS	63.6	•	•	10/08	1.0	1.0	32
NK S46-L2 Brand	63.0	•	•	10/08	1.0	1.0	32
Dyna-Gro 39RY43	62.9	64.3	64.2	10/05	1.0	1.0	27
ASGROW AG4232 GENRR2Y/STS	62.7	64.3	63.8	10/04	2.0	1.0	32
Willcross WX2464N	62.0	•	•	10/07	2.0	1.0	35
Morsoy Xtra 44X82	61.6	63.8	•	10/05	1.0	1.0	26
Progeny P 4313 RY	61.3	•	•	10/04	1.0	1.0	32
Progeny P 4211 RY	60.7	63.1	65.3	10/04	1.0	1.0	30
Morsoy Xtra 46X29	60.5	59.1	60.1	10/08	1.0	1.0	32
AGS 43R212	60.3	59.5	•	10/04	1.0	1.0	28
ASGROW AG4534 GENRR2Y/STS	60.0	•	•	10/08	1.0	1.0	31
Progeny P 4510 RYS	58.9	60.2	60.5	10/09	1.0	1.0	34
ARMOR X1401	58.4	•	•	10/05	1.0	1.0	33
HBK RY4620	57.7	60.3	60.3	10/07	1.0	1.0	28
USG 74A33R	57.6	•	•	10/07	1.0	1.0	24
ASGROW AG4633 GENRR2Y	56.7	57.2	•	10/08	1.0	1.0	30
ARMOR X1406	56.1	•	•	10/08	1.0	1.0	32
Mycogen 5N423R2	55.8	•	•	10/08	1.0	1.0	30
MPG 4514NRR/STS	54.8	•	•	10/09	1.0	1.0	32
NK S44-D5 Brand	54.8	59.3	•	10/07	1.0	1.0	26
Willcross RY2460S	54.1	58.1	58.1	10/05	1.0	1.0	30
Pioneer 94Y23	41.1	55.9	•	10/04	1.0	1.0	26
GRAND MEAN	63.0	•	•	10/07	1.1	1.0	31
LSD (5%)	7.8	•	•	1	•	•	•
C.V.	9.1	•	•	8	•	•	•

Table 17. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Reiser, Arky, 2010, Continued.							
Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
ARMOR 47-R13	73.8	75.3	•	10/14	1.0	1.0	39
Progeny P 4850 RYS	72.0	70.8	•	10/14	1.0	1.0	37
REV® 48R33™	71.8	70.4	68.5	10/12	2.0	1.0	33
Dyna-Gro S48RS53	71.8	•	•	10/12	1.0	1.0	35
Progeny P 4747 RY	71.4	71.7	•	10/14	1.0	1.0	38
Delta Grow 4880RR	71.1	69.5	66.2	10/15	1.0	1.0	31
REV® 48R44™	70.4	•	•	10/13	2.0	1.0	38
Morsoy Xtra 47X12	69.2	69.7	•	10/12	2.0	1.0	34
Mycogen 5N478RR2	68.8	•	•	10/12	2.0	1.0	40
Delta Grow 4970RR	68.4	67.9	66.4	10/15	2.0	1.0	39
USG 74B83R	67.9	•	•	10/13	1.0	1.0	35
Delta Grow 4940RR	67.5	•	•	10/15	3.0	1.0	50
Morsoy Xtra 48X02	66.7	67.7	•	10/13	1.0	1.0	32
Delta Grow 4755GENRR2Y	66.5	66.5	•	10/12	1.0	1.0	28
HBK RY4721	65.4	66.2	65.3	10/12	1.0	1.0	34
ASGROW AG4832 GENRR2Y/STS	65.3	65.1	•	10/16	1.0	1.0	36
REV® 47R34™	65.3	•	•	10/10	2.0	1.0	35
Delta Grow 4765GENRR2Y/STS	64.9	70.1	•	10/12	1.0	1.0	34
AGS 47R212	64.9	62.7	•	10/13	1.0	1.0	31
Progeny P 4900 RY	64.7	64.8	•	10/13	1.0	1.0	27
Eagle Seed 4818RR	63.9	64.3	63.0	10/14	1.0	1.0	30
REV® 48R22™	63.7	68.0	67.3	10/15	2.0	1.0	34
Davis 4148RR2YS	62.9	65.1	•	10/13	1.0	1.0	33
NK S47-N3 Brand	62.7	•	•	10/11	2.0	1.0	34
REV® 49R94™	62.5	•	•	10/15	1.0	1.0	32
Schillinger 495.RC	62.1	64.7	63.9	10/14	1.0	1.0	34
Pioneer P49T97R	62.1	•	•	10/16	1.0	1.0	34
NK S49-F8 Brand	61.8	67.7	•	10/15	1.0	1.0	31
ARMOR X1409	61.6	•	•	10/14	1.0	1.0	29
ARMOR 49-R56	61.4	61.2	•	10/14	1.0	1.0	33
Progeny P 4710 RYS	61.4	68.3	68.0	10/10	1.0	1.0	33
Morsoy Xtra 49X14	61.4	•	•	10/14	1.0	1.0	34
ARMOR 48-R66	61.3	•	•	10/16	1.0	1.0	35
ASGROW AG4934 GENRR2Y/STS	61.2	•	•	10/14	1.0	1.0	35
ASGROW AG4933 GENRR2Y	60.9	65.5	•	10/14	1.0	1.0	35
Eagle Seed 4777RR	60.8	67.0	64.0	10/13	1.0	1.0	30
ARMOR 4744	60.7	59.0	58.1	10/12	1.0	1.0	31
Davis 4347RR2YS	60.4	•	•	10/10	1.0	1.0	29
Delta Grow 4825GENRR2Y/STS	60.0	61.9	•	10/19	1.0	1.0	26
REV® 47R53™	59.8	65.0	63.2	10/13	1.3	1.0	32
Eagle Seed 4998RR	58.3	65.9	64.3	10/12	1.0	1.0	36

Table 17. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Dyna-Gro S47RY13	57.8	63.1	•	10/15	1.0	1.0	36
MPG 4714NRR	57.5	•	•	10/13	1.0	1.0	37
REV® 49R22™	56.9	61.6	62.3	10/13	1.0	1.0	34
USG 74B81R	56.8	60.2	61.1	10/14	1.0	1.0	36
Pioneer P47T36R	55.9	•	•	10/14	1.0	1.0	31
Willcross RY2494NS	55.7	•	•	10/14	1.0	1.0	30
ARMOR 48-R40	55.6	60.1	60.9	10/11	1.0	1.0	34
Pioneer P49T80R	54.5	•	•	10/14	1.0	1.0	34
Schillinger 4712R2	53.8	•	•	10/12	2.0	1.0	31
NK S48-P4 Brand	53.4	58.9	•	10/15	1.0	1.0	34
Schillinger 478.RCS	52.4	61.2	60.5	10/14	2.0	1.0	35
AgVenture AvDX - D913	51.7	•	•	10/14	1.0	1.0	39
Delta Grow 4925GENRR2Y	50.2	55.7	•	10/15	1.0	1.0	34
USG 74E88	49.8	53.2	55.6	10/13	1.0	1.0	33
Pioneer P48T53R	46.6	•	•	10/11	1.0	1.0	24
GRAND MEAN	61.9	•	•	10/13	1.2	1.0	34
LSD (5%)	9.0	•	•	1	0.1	•	•
C.V.	10.7	•	•	2	6.3	•	•

Maturity Group V Early (RM 5.0 to 5.5)

ARMOR X1312	80.9	76.5	•	10/17	1.0	1.0	35
Dyna-Gro 32RY55	80.0	73.6	67.8	10/20	2.0	1.0	41
ARMOR 55-R22	77.3	76.5	68.7	10/20	2.0	1.0	44
Progeny P 5555 RY	77.2	•	•	10/18	3.0	1.0	40
ARMOR 53-R16	77.1	71.6	•	10/18	1.0	1.0	39
AgVenture AvDX - V213	77.0	•	•	10/18	3.0	1.0	39
Morsoy Xtra 53X82	75.4	70.1	•	10/17	1.0	1.0	42
NK S51-H9 Brand	75.2	71.6	•	10/18	1.0	1.0	42
Progeny P 5111 RY	74.4	65.2	61.7	10/17	1.0	1.0	41
ASGROW AG5533 GENRR2Y/STS	74.1	65.5	•	10/21	3.0	1.0	44
Delta Grow 5125GENRR2Y	73.1	•	•	10/17	1.0	1.0	40
AgVenture 55K5RR™	72.8	68.1	•	10/19	1.3	1.0	42
Dyna-Gro S53RY23	72.4	•	•	10/18	1.3	1.0	40
Delta Grow 5480GENRR2Y	72.3	•	•	10/18	1.0	1.0	41
ARMOR X1414	72.1	•	•	10/18	2.0	1.0	40
ARMOR X1413	71.8	•	•	10/17	1.0	1.0	43
REV® 55R53™	71.6	69.9	•	10/20	1.0	1.0	36
S09-6201R	71.5	•	•	10/17	1.0	1.0	48
ARMOR X1354	71.4	•	•	10/18	1.0	1.0	40
Delta Grow 5475GENRR2Y	71.3	66.2	•	10/19	1.0	1.0	41

Table 17. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) continued</u>							
Delta Grow 5130GENRR2Y	70.9	•	•	10/16	1.0	1.0	42
R10-130RY	70.5	•	•	10/17	2.0	1.0	37
Pioneer 95Y10	70.2	72.4	•	10/18	1.0	1.0	39
Morsoy RT 5429	70.2	69.7	65.9	10/18	2.0	1.0	43
HBK RY5421	69.8	68.1	65.6	10/19	2.0	1.0	34
Delta Grow 5565GENRR2Y	69.7	•	•	10/19	1.0	1.0	38
REV® 52R74™	69.7	69.3	•	10/17	1.0	1.0	39
Delta Grow 5575GENRR2Y	69.6	•	•	10/21	3.0	1.0	42
Eagle Seed 5400RR	69.6	71.0	•	10/19	2.0	1.0	46
HBK RY5221	69.4	69.2	65.3	10/17	3.0	1.0	39
Progeny P 5333 RY	68.8	•	•	10/18	2.0	1.0	45
Progeny P 5210 RY	68.6	66.2	63.5	10/17	1.0	1.0	41
ASGROW AG5233 GENRR2Y/STS	68.3	67.0	•	10/17	1.0	1.0	37
USG 75Q42R	68.2	64.8	•	10/17	1.0	1.0	42
Pioneer P50T64R	67.9	•	•	10/17	1.0	1.0	34
Willcross RY2533N	67.6	•	•	10/17	1.0	1.0	36
ASGROW AG5332 GENRR2Y	67.5	67.4	•	10/19	1.0	1.0	38
Dyna-Gro S54RY43	66.9	66.3	•	10/18	1.0	1.0	42
Willcross RY2543N	66.4	•	•	10/19	1.0	1.0	39
REV® 54R84™	66.2	66.4	•	10/18	2.0	1.0	35
Morsoy EXP 55	66.2	•	•	10/18	3.0	1.0	40
NK S52-Y2 Brand	65.3	•	•	10/17	1.0	1.0	34
Progeny P 5213 RY	65.3	•	•	10/17	1.0	1.0	40
R04-1268RR	65.0	62.6	59.1	10/18	2.0	1.0	36
Pioneer P50T40R	64.9	•	•	10/16	1.0	1.0	35
Willcross RY2513N	64.9	•	•	10/20	3.0	1.0	47
R10-428RY	64.4	•	•	10/18	1.0	1.0	40
MPG-S-5214NRR	64.3	•	•	10/19	2.0	1.0	45
Eagle Seed 5507RR	64.2	65.2	59.9	10/20	3.0	1.0	42
ARMOR 53-R88	63.4	69.5	65.1	10/17	1.0	1.0	36
Eagle Seed 5519RR	63.0	66.8	•	10/20	1.0	1.0	44
Pioneer P54T94R	62.7	•	•	10/18	2.0	1.0	40
Schillinger 5220.RC	62.7	63.8	62.9	10/17	1.0	1.0	37
AgVenture 50K5RR™	61.4	63.5	•	10/19	1.0	1.0	36
ARMOR X1410	61.4	•	•	10/18	3.0	1.0	41
REV® 51R53™	60.7	59.4	58.7	10/17	1.0	1.0	33
Schillinger 557.RC	60.6	64.9	62.0	10/18	1.0	1.0	33
REV® 53R23™	60.3	60.7	•	10/17	1.0	1.0	31
GRAND MEAN	69.1	•	•	10/18	1.5	1.0	40
LSD (5%)	6.1	•	•	1	0.1	•	•
C.V.	6.5	•	•	1	7.0	•	•

Table 17. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains in Double-Crop Tests, Northeast Research and Extension Center, Keiser, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
Dyna-Gro S56RY84	76.8	•	•	10/21	2.0	1.0	45
REV® 56R63™	75.2	73.1	67.9	10/20	1.0	1.0	40
Pioneer 95Y80	74.8	•	•	10/23	2.0	1.0	43
REV® 57R21™	71.9	75.8	70.1	10/21	3.0	1.0	46
REV® 59R13™	71.9	69.0	•	10/23	1.0	1.0	38
Pioneer P55T57R	71.0	•	•	10/20	2.0	1.0	36
USG 75J62R	70.6	70.0	•	10/22	1.0	1.0	43
Progeny P 5610 RY	70.5	72.6	69.5	10/20	1.0	1.0	37
R10-197RY	68.8	•	•	10/21	1.0	1.0	42
Dyna-Gro 39RY57	68.4	66.7	•	10/21	2.0	1.0	34
REV® 56R21™	67.8	69.2	63.9	10/20	1.0	1.0	38
NK S56-G6 Brand	67.2	67.0	62.1	10/21	1.0	1.0	32
Delta Grow 5625GENRR2Y	66.3	•	•	10/21	2.0	1.0	36
Eagle Seed 5650RR	65.1	66.6	•	10/21	1.0	1.0	39
Progeny P 5711 RY	64.2	66.4	64.1	10/22	2.0	1.0	37
R04-1250RR	62.5	•	•	10/19	1.0	1.0	39
GRAND MEAN	69.5	•	•	10/21	1.5	1.0	39
LSD (5%)	6.0	•	•	•	•	•	•
C.V.	6.2	•	•	•	•	•	•

¹Average Yield for 2012 and 2013.

²Average Yield for 2011, 2012, 2013.

Soil Series	Sharkey silty clay
Previous Crop	Corn
Row Width	Four 7.5-inch rows on two 38-inch beds
Planting Date	6/23
Herbicide Applications	Valor + Gramoxone, 6/24; Prefix 7/10
Irrigation Dates	7/11, 7/17, 8/21, 9/4, 9/12
Harvest Dates	MG 4E, 10/30; MG 4L, 10/30; MG 5E, 11/5; MG 5L, 11/5

2013 Average Departure	Precipitation (inches)					
	June	July	August	Sept.	October	Total
	0.9	4.0	4.7	2.9	2.7	15.2
	4.0	4.0	2.4	3.2	4.1	17.7
	-3.1	0.0	+2.3	-0.3	-1.4	-2.5

Table 18. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Pioneer P46T21R	83.1	•	•	9/14	1.3	1.0	39
Progeny P 4510 RYS	82.0	80.0	76.5	9/15	1.0	1.0	34
Willcross WX2464N	81.8	•	•	9/16	2.7	1.0	38
Dyna-Gro 31RY45	81.5	78.5	73.9	9/13	1.7	1.0	39
Progeny P 4313 RY	81.4	•	•	9/13	2.0	1.0	34
Willcross RY2460S	81.1	78.9	75.7	9/15	1.0	1.0	36
HBK RY4620	81.0	80.7	74.8	9/15	1.3	1.0	37
ARMOR 44-R08	80.5	78.5	•	9/11	2.0	1.0	35
Mycogen 5N451R2	80.5	•	•	9/15	1.7	1.0	40
ARMOR 45-R60	80.3	•	•	9/09	1.0	1.0	30
ASGROW AG4632 GENRR2Y/STS	80.3	80.1	•	9/15	2.0	1.0	36
ARMOR X1404	80.1	•	•	9/16	2.3	1.0	37
Progeny P 4211 RY	79.9	79.8	77.5	9/12	2.0	1.0	33
Davis 4146RR2YS	79.7	•	•	9/17	2.0	1.0	35
ARMOR X1406	79.7	•	•	9/12	2.0	1.0	41
Delta Grow 4670GENRR2Y	79.4	79.2	75.0	9/15	1.7	1.0	35
Morsoy Xtra 46X29	79.3	78.0	74.4	9/15	1.0	1.0	36
ASGROW AG4232 GENRR2Y/STS	79.3	78.7	74.3	9/12	2.3	1.0	34
Progeny P 4613 RYS	79.1	•	•	9/16	1.7	1.0	38
REV® 46R64™	78.7	•	•	9/14	2.7	1.0	37
NK S43-K1 Brand	78.3	•	•	9/12	1.3	1.0	35
Dyna-Gro 39RY43	78.2	80.4	77.5	9/12	2.3	1.0	38
NK S45-V8 Brand	78.2	•	•	9/12	1.3	1.0	34
USG 74A33R	78.2	•	•	9/12	2.0	1.0	34
ARMOR X1401	78.1	•	•	9/11	1.0	1.0	35
Mycogen 5N423R2	78.0	•	•	9/09	1.0	1.7	35
AGS 45R212	77.8	78.5	•	9/16	1.7	1.0	37
Mycogen 5N431R2	77.1	•	•	9/11	1.7	1.0	35
MPG 4514NRR/STS	77.1	•	•	9/13	2.0	1.0	39
Pioneer 94Y23	76.9	77.0	•	9/10	1.0	1.0	33
AgVenture AvDX - D613	76.6	73.7	•	9/10	4.0	1.0	38
AGS 43R212	75.9	75.9	•	9/12	1.3	1.0	39
ASGROW AG4633 GENRR2Y	75.7	76.2	•	9/11	1.3	1.0	36
Schillinger 458.RCS	75.2	•	•	9/16	1.3	1.0	35
Morsoy Xtra 44X82	74.5	77.2	•	9/13	1.0	1.0	35
ASGROW AG4534 GENRR2Y/STS	74.0	•	•	9/14	1.0	1.0	39
REV® 46R73™	73.9	75.5	72.6	9/10	2.0	1.0	39
NK S44-D5 Brand	71.6	73.6	•	9/10	1.0	1.0	36
NK S46-L2 Brand	71.3	•	•	9/15	2.0	1.0	38
GRAND MEAN	78.3	•	•	9/13	1.7	1.0	36
LSD (5%)	4.1	•	•	2	0.7	0.3	•
C.V.	3.8	•	•	9	31.8	18.2	•

**Table 18. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains,
Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.**

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
ASGROW AG4934 GENRR2Y/STS	87.1	•	•	9/19	1.0	1.0	38
Pioneer P49T97R	86.5	•	•	9/18	1.0	1.0	42
Delta Grow 4765GENRR2Y/STS	86.3	82.7	•	9/16	1.0	1.0	38
ARMOR 48-R66	83.9	•	•	9/19	2.3	1.0	35
Morsoy Xtra 47X12	83.4	78.7	•	9/17	1.0	1.0	35
REV® 49R94™	83.0	•	•	9/19	1.3	1.0	38
Dyna-Gro S48RS53	82.7	•	•	9/19	1.0	1.0	38
USG 74B83R	82.0	•	•	9/16	2.0	1.0	33
REV® 47R34™	81.7	•	•	9/13	2.7	1.0	40
Eagle Seed 4777RR	81.5	79.0	72.4	9/23	1.0	1.0	40
ASGROW AG4933 GENRR2Y	81.5	78.1	•	9/20	1.0	1.0	44
REV® 48R44™	81.2	•	•	9/15	2.3	1.0	38
Pioneer P49T80R	80.8	•	•	9/16	1.0	1.0	36
Progeny P 4850 RYS	80.3	78.4	•	9/18	1.0	1.0	42
Morsoy Xtra 48X02	80.0	80.6	•	9/16	1.7	1.0	41
ARMOR 47-R13	79.9	76.8	•	9/19	1.0	1.0	40
Delta Grow 4925GENRR2Y	79.7	76.9	•	9/19	1.3	1.0	38
REV® 49R22™	79.7	78.1	72.1	9/18	1.7	1.0	36
Schillinger 478.RCS	79.4	77.5	75.2	9/20	1.0	1.0	41
Progeny P 4710 RYS	79.2	75.9	68.9	9/16	1.0	1.0	35
Davis 4347RR2YS	79.0	•	•	9/17	1.0	1.0	30
ARMOR 4744	79.0	78.6	71.9	9/11	1.0	1.0	39
Delta Grow 4755GENRR2Y	78.9	79.5	•	9/12	1.3	1.0	39
Progeny P 4747 RY	78.6	78.4	•	9/15	1.3	1.0	39
ARMOR X1409	78.5	•	•	9/17	1.0	1.0	41
Pioneer P47T36R	78.4	•	•	9/12	1.0	1.0	39
ASGROW AG4832 GENRR2Y/STS	77.9	77.4	•	9/15	1.3	1.0	38
NK S49-F8 Brand	77.9	77.7	77.7	9/15	1.0	1.0	38
Willcross RY2494NS	77.9	•	•	9/23	2.0	1.0	41
Progeny P 4900 RY	77.5	80.5	•	9/19	1.0	1.0	34
Pioneer P48T53R	77.4	•	•	9/13	1.3	1.0	35
AGS 47R212	77.3	76.1	•	9/15	1.7	1.0	35
ARMOR 48-R40	77.0	76.8	72.6	9/15	1.0	1.0	37
NK S47-N3 Brand	77.0	•	•	9/17	2.3	1.0	39
Delta Grow 4825GENRR2Y/STS	76.7	77.5	•	9/22	2.3	1.0	34
ARMOR 49-R56	76.6	80.6	•	9/19	1.0	1.0	34
Davis 4148RR2YS	76.3	77.6	•	9/21	2.3	1.0	34
Morsoy Xtra 49X14	75.6	•	•	9/18	1.0	1.0	41
Delta Grow 4970RR	75.4	73.6	67.3	9/19	3.7	1.0	39
Eagle Seed 4818RR	75.3	72.1	65.5	9/22	2.7	1.0	44
Dyna-Gro S47RY13	75.1	76.6	•	9/17	1.3	1.0	39
Schillinger 495.RC	74.9	76.3	69.5	9/19	3.7	1.0	43
REV® 48R33™	74.7	74.8	72.1	9/12	1.7	1.0	42

Table 18. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
AgVenture AvDX - D913	74.4	•	•	9/20	1.7	1.0	41
USG 74B81R	74.1	75.2	69.3	9/13	1.0	1.0	37
Delta Grow 4940RR	74.0	•	•	9/24	1.7	1.0	38
REV® 47R53™	74.0	73.5	70.5	9/07	2.3	1.0	34
Eagle Seed 4998RR	73.8	74.0	65.4	9/13	2.7	1.0	40
Mycogen 5N478RR2	72.5	•	•	9/13	1.7	1.0	36
NK S48-P4 Brand	72.3	74.1	74.1	9/13	1.0	1.0	40
REV® 48R22™	71.8	73.0	70.6	9/14	2.0	1.0	37
MPG 4714NRR	71.1	•	•	9/18	2.0	1.0	40
HBK RY4721	71.0	70.7	64.8	9/14	2.0	1.0	38
USG 74E88	67.7	68.3	66.6	9/11	1.3	1.0	41
Delta Grow 4880RR	64.2	68.8	64.1	9/19	3.3	1.0	40
Schillinger 4712R2	62.5	•	•	9/06	1.7	1.0	37
GRAND MEAN	77.4	•	•	9/16	1.6	1.0	38
LSD (5%)	5.5	•	•	5	0.7	•	•
C.V.	5.3	•	•	20	32.9	•	•

Maturity Group V Early (RM 5.0 to 5.5)

NK S52-Y2 Brand	86.5	•	•	09/23	1.0	1.0	42
Delta Grow 5480GENRR2Y	84.5	•	•	09/29	1.7	1.0	38
Pioneer P54T94R	82.7	•	•	10/02	1.0	1.0	35
USG 75Q42R	81.7	80.6	•	10/03	1.3	1.0	32
Progeny P 5213 RY	81.1	•	•	09/17	1.0	1.0	45
ARMOR X1414	79.7	•	•	09/25	1.0	1.0	39
Dyna-Gro S54RY43	79.7	74.9	•	10/03	1.0	1.0	30
ASGROW AG5233 GENRR2Y/STS	79.6	79.0	•	09/17	1.3	1.0	36
Morsoy Xtra 53X82	79.6	77.6	•	10/05	1.0	1.0	39
Willcross RY2533N	79.4	•	•	10/03	1.0	1.0	35
Pioneer P50T64R	78.6	•	•	09/15	1.0	1.0	35
Progeny P 5333 RY	78.5	•	•	10/03	1.0	1.0	36
REV® 53R23™	78.5	79.9	•	09/30	1.0	1.0	27
ASGROW AG5332 GENRR2Y	78.5	79.0	•	09/19	2.3	1.0	38
Morsoy EXP 55	76.8	•	•	10/07	1.3	1.0	41
HBK RY5421	76.5	75.5	69.0	10/04	1.7	1.0	36
REV® 52R74™	76.4	80.8	•	09/18	1.0	1.0	40
REV® 55R53™	76.2	76.1	•	10/06	1.0	1.0	34
Progeny P 5555 RY	76.0	•	•	10/01	1.0	1.0	37
REV® 54R84™	75.7	74.6	•	10/03	1.0	1.0	26
Delta Grow 5475GENRR2Y	75.2	76.9	•	10/05	1.7	1.0	35
S09-6201R	75.1	•	•	09/17	1.7	1.0	37
Delta Grow 5125GENRR2Y	75.1	•	•	09/18	1.0	1.0	34

**Table 18. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains,
Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.**

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) continued</u>							
Delta Grow 5575GENRR2Y	75.1	•	•	10/11	2.0	1.0	44
Delta Grow 5130GENRR2Y	75.0	•	•	09/15	1.0	1.0	39
MPG-S-5214NRR	74.9	•	•	09/23	2.0	1.7	39
ARMOR 53-R16	74.7	74.7	•	10/04	1.0	1.0	33
Progeny P 5111 RY	74.6	74.0	70.2	09/20	1.0	1.0	37
ARMOR X1354	74.4	•	•	10/04	1.0	1.0	33
R04-1268RR	74.4	70.2	63.1	10/01	3.0	1.0	34
NK S51-H9 Brand	74.3	75.0	•	09/22	1.0	1.0	33
R10-428RY	74.2	•	•	10/05	1.0	1.0	35
Schillinger 5220.RC	74.0	75.7	69.1	09/17	2.3	1.0	40
ARMOR X1413	74.0	•	•	09/14	1.0	1.0	45
Eagle Seed 5519RR	73.5	72.7	•	10/07	1.3	1.0	43
Pioneer P50T40R	73.5	•	•	09/15	1.0	1.0	32
Pioneer 95Y10	73.5	73.9	•	09/16	1.0	1.0	33
AgVenture 55K5RR™	73.4	73.8	•	10/06	1.3	1.0	46
Eagle Seed 5400RR	73.4	73.6	•	10/05	2.0	1.0	44
Willcross RY2513N	73.3	•	•	09/25	2.7	1.0	41
Morsoy RT 5429	73.2	73.1	71.3	10/05	1.0	1.0	40
ASGROW AG5533 GENRR2Y/STS	73.2	74.3	•	10/04	1.7	1.0	44
AgVenture AvDX - V213	73.1	•	•	09/27	1.7	1.0	27
ARMOR X1410	72.2	•	•	09/26	2.3	1.0	40
Progeny P 5210 RY	71.7	69.7	62.5	09/26	2.7	1.0	28
Dyna-Gro 32RY55	71.5	74.6	69.5	10/05	1.0	1.0	31
ARMOR 55-R22	71.4	73.4	69.2	10/04	1.0	1.0	36
Dyna-Gro S53RY23	71.4	•	•	10/04	1.0	1.0	31
REV® 51R53™	71.1	75.6	72.1	09/16	1.7	1.0	38
HBK RY5221	70.9	73.6	70.9	09/16	2.0	1.0	45
Willcross RY2543N	70.6	•	•	09/19	1.7	1.0	45
ARMOR X1312	70.2	75.6	•	09/18	2.3	1.0	42
Eagle Seed 5507RR	69.9	69.1	62.8	10/07	2.0	1.0	44
R10-130RY	69.3	•	•	10/06	1.7	1.0	35
AgVenture 50K5RR™	68.6	73.3	•	09/17	2.7	1.0	37
Delta Grow 5565GENRR2Y	68.6	•	•	10/05	1.0	1.0	31
ARMOR 53-R88	67.4	68.0	63.7	10/06	1.0	1.0	35
Schillinger 557.RC	64.2	65.7	61.8	10/05	1.0	1.0	38
GRAND MEAN	74.8	•	•	09/28	1.4	1.0	37
LSD (5%)	4.6	•	•	5	0.7	0.2	•
C.V.	4.5	•	•	14	34.2	15.0	•

Table 18. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Rice Research and Extension Center, Stuttgart, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
Pioneer P55T57R	86.0	•	•	10/05	1.7	1.0	31
Pioneer 95Y80	83.1	•	•	10/09	3.3	1.0	36
REV® 57R21™	82.6	81.3	78.9	10/09	1.3	1.0	41
REV® 56R21™	81.2	79.3	74.9	10/09	2.3	1.0	33
Delta Grow 5625GENRR2Y	79.8	•	•	10/05	1.0	1.0	39
REV® 56R63™	78.2	77.0	72.2	10/10	2.0	1.0	42
REV® 59R13™	77.9	76.6	•	10/08	1.0	1.0	35
Eagle Seed 5650RR	77.9	75.4	•	10/07	1.0	1.0	36
Progeny P 5610 RY	77.3	76.0	71.3	10/07	1.0	1.0	33
Progeny P 5711 RY	76.9	75.0	70.6	10/05	1.3	1.0	33
NK S56-G6 Brand	76.6	75.3	67.5	10/04	1.0	1.0	30
Dyna-Gro S56RY84	76.2	•	•	10/11	1.7	1.0	38
Dyna-Gro 39RY57	75.5	76.0	•	10/06	1.0	1.0	31
USG 75J62R	73.5	76.5	•	10/11	1.3	1.0	53
R10-197RY	70.6	•	•	10/09	1.7	1.0	35
R04-1250RR	64.3	•	•	10/07	4.0	1.0	37
GRAND MEAN	77.3	•	•	10/08	1.7	1.0	36
LSD (5%)	7.6	•	•	3	0.8	•	•
C.V.	7.1	•	•	28	36.6	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.

Soil Series Crowley silt loam
 Soil pH 6.0
 Previous Crop Rice
 Row Width 30 inches
 Fertilizer Applied 80 lb/A P + 120 lb/A K, 4/29
 Planting Date 5/15
 Herbicide Applications Valor + Roundup, 5/16; Storm + Select + Intensity, 8/21
 Irrigation Dates 7/14, 7/29, 8/12, 8/21, 9/4, 9/18
 Harvest Dates MG 4E, 10/23; MG 4L, 10/23; MG 5E, 11/11; MG 5L, 11/11

	Precipitation (inches)						
	April	May	June	July	August	Sept.	Total
2013	6.7	4.3	1.5	0.8	1.5	0.3	15.1
Average	6.0	6.2	3.6	3.1	3.1	3.0	25.0
Departure	+0.7	-1.9	-2.1	-2.3	-1.6	-2.7	-9.9

Table 19. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
ASGROW AG4632 GENRR2Y/STS	66.6	60.6	•	10/06	1.0	1.0	35
Mycogen 5N451R2	64.8	•	•	09/29	1.0	1.0	35
Delta Grow 4670GENRR2Y	62.4	57.9	57.7	10/05	1.0	1.0	35
AGS 45R212	61.7	57.2	•	10/02	1.0	1.0	32
Pioneer P46T21R	60.1	•	•	10/03	1.0	1.0	30
NK S46-L2 Brand	59.6	•	•	10/03	1.0	1.0	32
ARMOR X1404	59.3	•	•	10/04	1.0	1.0	32
AgVenture AvDX - D613	59.2	55.0	•	10/02	1.0	1.0	28
Dyna-Gro 31RY45	57.1	54.6	55.0	10/02	1.0	1.0	32
Progeny P 4613 RYS	56.4	•	•	10/05	1.0	1.0	34
Dyna-Gro 39RY43	55.7	54.0	56.2	09/30	1.0	1.0	29
Progeny P 4313 RY	55.7	•	•	10/01	1.0	1.0	28
REV® 46R64™	55.2	•	•	09/30	1.0	1.0	32
Willcross RY2460S	55.2	55.6	53.8	10/04	1.0	1.0	29
Davis 4146RR2YS	54.9	•	•	10/04	1.0	1.0	35
ARMOR X1406	54.6	•	•	10/03	1.0	1.0	32
ARMOR 45-R60	54.5	•	•	10/01	1.0	1.0	26
Morsoy Xtra 46X29	54.2	52.5	54.0	10/04	1.0	1.0	30
Morsoy Xtra 44X82	54.1	55.1	•	09/24	1.0	1.0	28
REV® 46R73™	53.6	54.6	55.4	09/29	1.0	1.0	32
AGS 43R212	53.2	54.2	•	09/27	1.0	1.0	30
ARMOR 44-R08	52.7	51.7	•	09/26	1.0	1.0	29
HBK RY4620	52.6	57.7	56.6	10/02	1.0	1.0	32
Progeny P 4510 RYS	52.3	52.4	52.1	10/03	1.0	1.0	31
USG 74A33R	52.2	•	•	10/01	1.0	1.0	27
Mycogen 5N431R2	51.9	•	•	10/02	1.0	1.0	26
NK S44-D5 Brand	51.5	53.7	•	10/01	1.0	1.0	28
ASGROW AG4534 GENRR2Y/STS	50.6	•	•	10/01	1.0	1.0	30
Willcross WX2464N	50.3	•	•	10/04	1.0	1.0	28
ASGROW AG4633 GENRR2Y	50.3	51.0	•	09/26	1.0	1.0	28
NK S45-V8 Brand	50.1	•	•	10/03	1.0	1.0	29
MPG 4514NRR/STS	50.1	•	•	10/03	1.0	1.0	31
ASGROW AG4232 GENRR2Y/STS	49.9	47.9	50.7	09/27	1.0	1.0	32
ARMOR X1401	48.9	•	•	09/26	1.0	1.0	28
NK S43-K1 Brand	48.8	•	•	09/30	1.0	1.0	31
Schillinger 458.RCS	45.6	•	•	10/02	1.0	1.0	27
Mycogen 5N423R2	45.3	•	•	09/26	1.0	1.0	27
Progeny P 4211 RY	45.1	47.5	50.4	09/29	1.0	1.0	27
Pioneer 94Y23	41.0	46.4	•	09/29	1.0	1.0	24
GRAND MEAN	53.8	•	•	10/01	1.0	1.0	30
LSD (5%)	6.7	•	•	2	•	•	•
C.V.	9.2	•	•	5	•	•	•

Table 19. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Southeast Research and Extension Center, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.0 to 4.6)</u>							
Delta Grow 4970RR	69.4	60.2	59.1	10/07	1.0	1.0	38
REV® 49R94™	67.2	•	•	10/06	1.0	1.0	35
Morsoy Xtra 47X12	66.1	58.4	•	10/07	1.0	1.0	37
Progeny P 4850 RYS	66.1	57.1	•	10/06	1.0	1.0	37
NK S49-F8 Brand	65.3	59.7	•	10/04	1.0	1.0	31
ASGROW AG4933 GENRR2Y	65.0	56.8	•	10/05	1.0	1.0	36
Davis 4347RR2YS	64.9	•	•	10/04	1.0	1.0	29
ARMOR 47-R13	64.7	53.9	•	10/06	1.0	1.0	36
Mycogen 5N478RR2	64.6	•	•	10/05	1.0	1.0	35
Pioneer P47T36R	64.4	•	•	10/05	1.0	1.0	32
Progeny P 4710 RYS	64.3	55.3	54.3	10/06	1.0	1.0	36
REV® 48R44™	63.9	•	•	10/03	1.0	1.0	35
Delta Grow 4880RR	63.7	56.6	56.6	10/07	1.0	1.0	35
Schillinger 495.RC	63.1	58.8	57.1	10/06	1.0	1.0	35
Dyna-Gro S47RY13	62.9	54.2	•	10/05	1.0	1.0	35
ARMOR X1409	62.8	•	•	10/07	1.0	1.0	36
ASGROW AG4832 GENRR2Y/STS	62.7	55.9	•	10/07	1.0	1.0	40
Morsoy Xtra 49X14	62.5	•	•	10/08	1.0	1.0	38
HBK RY4721	62.5	55.4	54.1	10/04	1.0	1.0	35
Morsoy Xtra 48X02	62.2	56.8	•	10/03	1.0	1.0	36
ARMOR 49-R56	62.2	59.7	•	10/05	1.0	1.0	34
Dyna-Gro S48RS53	61.6	•	•	10/06	1.0	1.0	33
NK S47-N3 Brand	61.5	•	•	10/03	1.0	1.0	36
ASGROW AG4934 GENRR2Y/STS	61.5	•	•	10/06	1.0	1.0	35
Delta Grow 4825GENRR2Y/STS	61.2	53.4	•	10/07	1.0	1.0	33
Pioneer P49T97R	61.2	•	•	10/05	1.0	1.0	32
REV® 47R34™	61.1	•	•	10/03	1.0	1.0	31
REV® 48R33™	61.1	52.3	53.8	09/30	1.0	1.0	30
Davis 4148RR2YS	61.1	50.7	•	10/04	1.0	1.0	34
REV® 47R53™	61.0	53.6	53.2	09/30	1.0	1.0	32
Delta Grow 4765GENRR2Y/STS	60.7	56.1	•	10/07	1.0	1.0	36
Delta Grow 4925GENRR2Y	60.6	53.6	•	10/06	1.0	1.3	38
Delta Grow 4940RR	60.5	•	•	10/05	1.0	1.0	39
AGS 47R212	60.1	50.0	•	10/03	1.0	1.0	36
Pioneer P49T80R	59.9	•	•	10/04	1.0	1.0	35
USG 74B83R	59.6	•	•	10/07	1.0	1.0	35
Progeny P 4900 RY	59.5	59.9	•	10/06	1.0	1.0	30
Willcross RY2494NS	59.4	•	•	10/07	1.0	1.0	36
Eagle Seed 4818RR	59.0	54.4	52.7	10/08	1.0	1.0	35
ARMOR 48-R66	58.7	•	•	10/07	1.0	1.0	35
REV® 49R22™	58.7	51.2	49.6	10/05	1.0	1.0	37
Pioneer P48T53R	58.5	•	•	10/03	1.0	1.0	38
REV® 48R22™	58.0	53.6	51.8	10/03	1.0	1.0	29

Table 19. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Southeast Research and Extension Center, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
USG 74B81R	57.8	51.7	52.4	10/06	1.0	1.0	37
Progeny P 4747 RY	57.7	54.1	•	10/03	1.0	1.0	36
Delta Grow 4755GENRR2Y	57.6	53.8	•	10/02	1.0	1.0	35
Schillinger 478.RCS	57.3	50.0	49.7	10/04	1.0	1.0	35
NK S48-P4 Brand	57.1	53.5	•	10/05	1.0	1.0	37
Eagle Seed 4777RR	55.7	53.8	52.3	10/07	1.0	1.0	31
ARMOR 48-R40	55.0	51.0	52.1	10/04	1.0	1.0	34
ARMOR 4744	54.0	51.1	52.2	10/03	1.0	1.0	35
MPG 4714NRR	53.7	•	•	10/03	1.0	1.0	35
AgVenture AvDX - D913	52.7	•	•	10/04	1.0	1.0	35
Schillinger 4712R2	48.0	•	•	09/22	1.0	1.0	35
Eagle Seed 4998RR	47.4	47.1	51.7	10/06	1.0	1.0	29
USG 74E88	43.1	46.2	47.5	10/01	1.0	1.0	28
GRAND MEAN	60.2	•	•	10/05	1.0	1.0	35
LSD (5%)	5.0	•	•	2	•	0.1	•
C.V.	6.1	•	•	4	•	7.7	•

Maturity Group V Early (RM 5.0 to 5.5)

Dyna-Gro 32RY55	82.3	70.1	62.9	10/08	1.0	1.0	34
ASGROW AG5533 GENRR2Y/STS	76.1	67.5	•	10/09	1.3	1.0	39
Delta Grow 5565GENRR2Y	72.7	•	•	10/15	1.0	1.0	30
Delta Grow 5575GENRR2Y	72.7	•	•	10/11	1.0	1.0	39
REV® 52R74™	72.5	62.4	•	10/06	1.0	1.0	38
Morsoy EXP 55	72.3	•	•	10/10	1.0	1.0	36
Progeny P 5555 RY	72.1	•	•	10/10	1.0	1.0	36
AgVenture 55K5RR™	72.1	62.8	•	10/15	1.0	1.0	38
AgVenture AvDX - V213	71.6	•	•	10/05	1.3	1.0	28
HBK RY5421	70.8	58.2	55.0	10/06	1.0	1.0	32
Delta Grow 5480GENRR2Y	70.6	•	•	10/07	1.0	1.0	36
Dyna-Gro S54RY43	70.2	59.0	•	10/07	1.0	1.0	34
REV® 54R84™	69.7	66.5	•	10/05	1.0	1.0	31
Eagle Seed 5519RR	69.6	56.7	•	10/13	1.3	1.0	36
ARMOR 53-R16	67.7	60.0	•	10/10	1.0	1.0	32
ASGROW AG5332 GENRR2Y	67.3	60.4	•	10/10	1.0	1.0	34
ARMOR X1413	67.2	•	•	10/10	1.0	1.0	38
ARMOR 55-R22	67.1	61.1	57.0	10/10	1.0	1.0	32
Progeny P 5210 RY	67.1	58.8	55.2	10/08	1.0	1.0	32
ARMOR X1414	67.0	•	•	10/05	1.0	1.0	38
Willcross RY2543N	66.8	•	•	10/07	1.0	1.0	38
Delta Grow 5130GENRR2Y	66.1	•	•	10/08	1.0	1.0	37
REV® 55R53™	65.9	63.3	•	10/08	1.0	1.0	33

Table 19. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Southeast Research and Extension Center, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) continued</u>							
ARMOR X1312	65.6	56.1	•	10/13	1.0	1.0	36
Eagle Seed 5507RR	65.6	55.7	51.4	10/14	1.3	1.0	35
Delta Grow 5475GENRR2Y	65.5	56.6	•	10/07	1.0	1.0	33
Morsoy Xtra 53X82	65.5	58.0	•	10/08	1.0	1.0	35
ARMOR X1354	65.3	•	•	10/07	1.0	1.0	34
Pioneer 95Y10	65.1	54.3	•	10/07	1.0	1.0	35
Willcross RY2533N	64.8	•	•	10/10	1.0	1.0	35
Progeny P 5111 RY	64.6	53.0	51.8	10/07	1.0	1.0	36
Pioneer P50T64R	64.6	•	•	10/05	1.0	1.0	32
Eagle Seed 5400RR	64.0	56.9	•	10/08	1.0	1.0	32
Morsoy RT 5429	63.9	60.1	56.9	10/08	1.0	1.0	37
ASGROW AG5233 GENRR2Y/STS	63.9	59.4	•	10/06	1.0	1.0	33
S09-6201R	63.8	•	•	10/06	1.0	1.0	38
Pioneer P54T94R	63.7	•	•	10/05	1.0	1.0	31
USG 75Q42R	63.5	54.7	•	10/09	1.3	1.0	35
Progeny P 5213 RY	63.3	•	•	10/05	1.0	1.0	39
R10-130RY	63.1	•	•	10/06	1.0	1.0	33
Progeny P 5333 RY	62.7	•	•	10/06	1.0	1.0	35
Schillinger 5220.RC	62.3	54.7	53.6	10/13	1.0	1.0	38
Delta Grow 5125GENRR2Y	62.0	•	•	10/07	1.0	1.0	32
Dyna-Gro S53RY23	61.6	•	•	10/04	1.0	1.0	36
REV® 51R53™	61.5	52.5	49.1	10/13	1.0	1.0	33
ARMOR 53-R88	61.4	52.4	50.0	10/09	1.0	1.0	36
NK S51-H9 Brand	61.2	58.3	•	10/07	1.0	1.0	33
HBK RY5221	61.0	56.2	53.3	10/10	1.7	1.0	38
Pioneer P50T40R	60.8	•	•	10/06	1.0	1.0	32
AgVenture 50K5RR™	59.9	51.9	•	10/10	1.0	1.0	36
MPG-S-5214NRR	59.9	•	•	10/05	1.3	1.0	39
Schillinger 557.RC	59.1	51.1	48.7	10/12	1.0	1.0	30
NK S52-Y2 Brand	58.5	•	•	10/05	1.0	1.0	33
REV® 53R23™	58.4	55.2	•	10/04	1.0	1.0	30
Willcross RY2513N	58.2	•	•	10/06	1.3	1.0	40
R04-1268RR	57.8	50.1	47.0	10/05	1.0	1.0	31
ARMOR X1410	57.2	•	•	10/05	1.3	1.0	40
R10-428RY	56.9	•	•	10/05	1.0	1.0	32
GRAND MEAN	65.4	•	•	10/07	1.1	1.0	35
LSD (5%)	6.6	•	•	2	0.3	•	•
C.V.	7.4	•	•	21	21.7	•	•

Table 19. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Rohwer Research Station, Rohwer, Ark., 2013, Continued.

Variety/Experimental Line	2013	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
Progeny P 5610 RY	75.3	67.8	62.3	10/11	1.0	1.0	35
Progeny P 5711 RY	74.8	66.8	58.8	10/10	1.0	1.0	30
REV® 56R63™	73.5	66.2	60.7	10/14	1.0	1.0	37
Eagle Seed 5650RR	73.0	65.8	•	10/11	1.0	1.0	35
REV® 57R21™	72.2	65.0	60.4	10/13	2.0	1.0	39
R10-197RY	71.1	•	•	10/10	1.0	1.0	35
Pioneer P55T57R	70.9	•	•	10/12	1.0	1.0	31
Pioneer 95Y80	70.9	•	•	10/15	1.0	1.0	32
NK S56-G6 Brand	70.2	61.3	56.2	10/10	1.0	1.0	30
REV® 59R13™	68.4	61.0	•	10/14	1.0	1.0	35
REV® 56R21™	68.1	62.5	60.2	10/11	1.0	1.0	33
Dyna-Gro 39RY57	67.9	61.8	•	10/11	1.0	1.0	32
R04-1250RR	66.8	•	•	10/10	1.0	1.0	36
USG 75J62R	66.6	63.0	•	10/12	2.0	1.0	43
Dyna-Gro S56RY84	66.2	•	•	10/12	1.0	1.0	38
Delta Grow 5625GENRR2Y	66.0	•	•	10/13	1.0	1.0	30
GRAND MEAN	70.1	•	•	10/11	1.1	1.0	34
LSD (5%)	5.5	•	•	2	•	•	•
C.V.	5.6	•	•	12	•	•	•

¹Average Yield for 2012 and 2013.²Average Yield for 2011, 2012, 2013.

Soil Series Sharkey clay
 Previous Crop Soybean
 Row Width 19 inches
 Planting Date 6/12
 Herbicide Applications Dual Magnum + Valor, 5/28; Roundup PowerMax, 7/17;
 Roundup PowerMax + Flexstar, 8/5
 Insecticide Applications Belt, 8/7; Belt + Tundra, 8/24
 Irrigation Dates 6/22, 7/9, 7/24, 8/5, 8/24, 9/11
 Harvest Dates MG 4E, 10/28; MG 4L, 10/28; MG 5E, 10/29; MG 5L, 10/29

		<u>Precipitation (inches)</u>					
		April	May	June	July	August	Total
2013		6.1	5.7	2.1	1.9	1.6	17.4
Average		4.6	5.1	3.5	3.3	2.5	19.0
Departure		+1.5	+0.6	-1.4	-1.4	-0.9	-1.6

**Table 20. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains,
Vegetable Research Station, Kibler, Ark., 2013¹.**

Variety/Experimental Line	2013	2-Year ² Average	3-Year ³ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
ASGROW AG5233 GENRR2Y/STS	60.2	51.7	•	10/12	1.0	1.0	35
HBK RY5421	60.0	49.4	49.1	10/18	1.0	1.0	28
Pioneer P50T40R	58.6	•	•	10/14	1.0	1.0	33
Dyna-Gro 32RY55	58.4	48.7	48.4	10/22	1.0	1.0	37
AgVenture AvDX - V213	57.3	•	•	10/17	1.0	1.0	34
ASGROW AG5332 GENRR2Y	57.1	50.8	•	10/17	1.0	1.0	32
REV® 55R53™	56.9	49.1	•	10/19	1.0	1.0	35
REV® 51R53™	56.9	48.2	47.0	10/15	1.0	1.0	35
ARMOR 55-R22	56.7	46.7	46.2	10/22	1.0	1.0	38
USG 75Q42R	56.2	45.1	•	10/20	1.0	1.0	33
ARMOR X1413	56.1	•	•	10/13	1.0	1.0	40
NK S52-Y2 Brand	56.1	•	•	10/13	1.0	1.0	31
Delta Grow 5575GENRR2Y	55.9	•	•	10/22	1.0	1.0	35
Dyna-Gro S53RY23	55.7	•	•	10/15	1.0	1.0	40
REV® 54R84™	55.5	45.7	•	10/16	1.0	1.0	33
Delta Grow 5475GENRR2Y	54.9	46.9	•	10/19	1.0	1.0	32
AgVenture 50K5RR™	54.7	46.8	•	10/17	1.0	1.0	39
HBK RY5221	54.7	45.9	45.2	10/14	1.0	1.0	41
S09-6201R	54.5	•	•	10/14	1.0	1.0	35
ARMOR 53-R16	54.4	47.4	•	10/14	1.0	1.0	38
REV® 52R74™	54.3	46.8	•	10/15	1.0	1.0	37
Morsoy EXP 55	54.1	•	•	10/21	1.0	1.0	37
Progeny P 5210 RY	54.1	48.8	46.6	10/15	1.0	1.0	35
Delta Grow 5565GENRR2Y	53.9	•	•	10/24	1.0	1.0	31
Dyna-Gro S54RY43	53.9	46.9	•	10/19	1.0	1.0	37
AgVenture 55K5RR™	53.9	45.6	•	10/25	1.0	1.0	38
Delta Grow 5130GENRR2Y	53.9	•	•	10/16	1.0	1.0	40
Morsoy Xtra 53X82	53.3	44.9	•	10/21	1.0	1.0	35
Progeny P 5213 RY	53.1	•	•	10/14	1.0	1.0	42
ARMOR X1410	52.9	•	•	10/17	1.0	1.0	39
ARMOR 53-R88	52.7	46.8	44.0	10/17	1.0	1.0	35
Schillinger 5220.RC	52.7	42.7	43.4	10/21	1.0	1.0	36
Delta Grow 5125GENRR2Y	52.5	•	•	10/13	1.0	1.0	34
ASGROW AG5533 GENRR2Y/STS	52.4	46.0	•	10/15	1.0	1.0	39
NK S51-H9 Brand	52.3	46.5	•	10/13	1.0	1.0	33
Progeny P 5555 RY	52.1	•	•	10/22	1.0	1.0	37
ARMOR X1312	52.1	45.8	•	10/15	1.0	1.0	32
Willcross RY2513N	51.9	•	•	10/17	1.0	1.0	37
Delta Grow 5480GENRR2Y	51.5	•	•	10/18	1.0	1.0	28
Progeny P 5111 RY	51.5	42.1	43.5	10/12	1.0	1.0	41
ARMOR X1414	50.8	•	•	10/15	1.0	1.0	36
Pioneer P54T94R	50.4	•	•	10/19	1.0	1.0	38
Progeny P 5333 RY	50.4	•	•	10/16	1.0	1.0	31

**Table 20. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains,
Vegetable Research Station, Kibler, Ark., 2013¹, Continued.**

Variety/Experimental Line	2013	2-Year ² Average	3-Year ³ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu/A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
R10-428RY	50.2	•	•	10/13	1.0	1.0	35
Willcross RY2533N	50.2	•	•	10/21	1.0	1.0	35
Willcross RY2543N	49.8	•	•	10/15	1.0	1.0	35
Pioneer 95Y10	49.6	45.6	•	10/15	1.0	1.0	41
R10-130RY	49.6	•	•	10/15	1.0	1.0	39
Eagle Seed 5400RR	49.4	40.9	•	10/21	1.0	1.0	39
Pioneer P50T64R	49.2	•	•	10/13	1.0	1.0	30
ARMOR X1354	49.2	•	•	10/14	1.0	1.0	35
R04-1268RR	48.9	42.2	43.1	10/20	1.0	1.0	28
Morsoy RT 5429	48.6	43.5	44.4	10/22	1.0	1.0	39
REV® 53R23™	47.8	43.7	•	10/14	1.0	1.0	26
Eagle Seed 5507RR	47.7	40.9	42.4	10/24	1.0	1.0	33
Schillinger 557.RC	47.6	41.0	42.8	10/24	1.0	1.0	31
Eagle Seed 5519RR	46.6	39.7	•	10/24	1.0	1.0	36
MPG-S-5214NRR	44.8	•	•	10/15	1.0	1.0	39
GRAND MEAN	52.9	•	•	10/17	1.0	1.0	35
LSD (5%)	5.6	•	•	2	•	•	•
C.V.	7.8	•	•	9	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

Pioneer P55T57R	54.4	•	•	10/22	1.0	1.0	32
Pioneer 95Y80	52.0	•	•	10/24	1.0	1.0	35
REV® 59R13™	51.5	42.9	•	10/20	1.0	1.0	39
NK S56-G6 Brand	51.0	43.8	45.9	10/22	1.0	1.0	37
Progeny P 5711 RY	51.0	43.6	46.6	10/24	1.0	1.0	38
REV® 56R63™	50.7	44.7	46.2	10/25	1.0	1.0	44
USG 75J62R	50.7	42.8	•	10/15	1.0	1.0	43
Dyna-Gro 39RY57	50.3	44.2	•	10/22	1.0	1.0	38
Dyna-Gro S56RY84	49.3	•	•	10/22	1.0	1.0	43
REV® 56R21™	48.9	44.7	47.4	10/22	1.0	1.0	40
Delta Grow 5625GENRR2Y	48.8	•	•	10/21	1.0	1.0	29
R10-197RY	48.7	•	•	10/17	1.0	1.0	40
Progeny P 5610 RY	47.9	44.0	47.5	10/22	1.0	1.0	32
Eagle Seed 5650RR	46.1	41.7	•	10/22	1.0	1.0	37
REV® 57R21™	46.1	43.0	46.2	10/21	1.0	1.0	42
R04-1250RR	45.0	•	•	10/18	1.0	1.0	35
GRAND MEAN	49.5	•	•	10/21	1.0	1.0	38
LSD (5%)	4.1	•	•	2	•	•	•
C.V.	6.0	•	•	5	•	•	•

Table 20. Performance of Irrigated, Full-Season, Roundup Ready™ Soybean Varieties and Strains, Vegetable Research Station, Kibler, Ark., 2013¹, Continued.

¹Only Maturity Group V varieties and strains tested at the Kibler location. Tests were planted at this location on May 29 and replanted on June 25. Immediately following the first planting date the area received heavy rainfall resulting in inadequate stands.

²Average Yield for 2012 and 2013.

³Average Yield for 2011, 2012, 2013.

Soil Series	Roxanna silt loam
Previous Crop	Soybean
Row Width	36 inches
Planting Date	First planting, 5/29; Replanted, 6/25
Herbicide Applications	Dual Magnum + Pursuit, 5/29; Dual Magnum + Pursuit, 6/25
Irrigation Dates	6/26, 7/2, 7/9, 7/17, 8/8, 8/28, 9/5, 9/12
Harvest Dates	MG 5E, 11/11; MG 5L, 11/11

	Precipitation (inches)				
	July	August	September	October	Total
2013	4.1	3.3	2.9	4.0	14.3
Average	3.3	2.6	4.1	4.3	14.3
Departure	+0.8	+0.7	-1.2	-0.3	0.0

Participants and Entries
2013 Early-Planted Roundup Ready™ Tests

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
AgBorn Genetics, LLC 2806 Highway 7 S. Garden City, MO 64747	AgBorn ABX 2105	4.9	RR1	N-Hibit
	AgBorn ABX 2499	4.7	RR1	N-Hibit
	AgBorn ABX 27041	4.6	RR1	N-Hibit
	AgBorn ABX 2784	4.8	RR1	N-Hibit
Armor Seed P.O. Box 9 Hwy 49 Waldenburg, AR 72475	ARMOR 44-R08	4.4	RR2	AMC
	ARMOR 45-R60	4.5	RR2/STS	AMC
	ARMOR 4744	4.7	RR2/STS	AMC
	ARMOR 47-R13	4.8	RR2/STS	AMC
	ARMOR 48-R40	4.7	RR2/STS	AMC
	ARMOR 48-R66	4.8	RR2/STS	AMC
	ARMOR 49-R56	4.9	RR2	AMC
	ARMOR X1312	5.0	RR2	AMC
	ARMOR X1401	4.2	RR2	AMC
	ARMOR X1404	4.6	RR2/STS	AMC
	ARMOR X1406	4.6	RR2/STS	AMC
	ARMOR X1409	4.9	RR2	AMC
	ARMOR X1410	5.0	RR2	AMC
	ARMOR X1413	5.1	RR2	AMC
Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421	Morsoy Xtra 44X82	4.4	RR2	AMC
	Morsoy Xtra 46X29	4.6	RR2	AMC
	Morsoy Xtra 47X12	4.7	RR2	AMC
	Morsoy Xtra 48X02	4.8	RR2	AMC
	Morsoy Xtra 49X14	4.9	RR2	AMC
	Morsoy Xtra EXP 44	4.4	RR2	AMC

Participants and Entries
2013 Early-Planted Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Crop Production Services P.O. Box 348 Portageville, MO 63873	Dyna-Gro 31RY45	4.5	RR2	Acceleron
	Dyna-Gro 39RY43	4.3	RR2	Acceleron
	Dyna-Gro S44RS93	4.4	RR2/STS	Acceleron
	Dyna-Gro S48RS53	4.8	RR2/STS	Acceleron
	Dyna-Gro S53RY23	5.3	RR2	Acceleron
Croplan Genetics WinField Solutions/ 4990 NCR 583 Blytheville, AR 72315	Croplan R2C4391	4.3	RR2	Cruiser + Vibrance
	Croplan R2C4412	4.4	RR2	Untreated
	Croplan R2C4541	4.5	RR2	Cruiser + Vibrance
	Croplan R2C4752S	4.7	RR2/STS	Untreated
	Croplan R2C4772	4.7	RR2	Cruiser + Vibrance
	Croplan R2C4801S	4.8	RR2/STS	Cruiser + Vibrance
	Croplan R2C5081	5.0	RR2	Cruiser + Vibrance
	Croplan R2C5342	5.3	RR2	Cruiser + Vibrance
Delta Grow Seed 220 NW 2nd England, AR 72046	Delta Grow 4670GENRR2Y	4.6	RR2	CruiserMaxx
	Delta Grow 4755GENRR2Y	4.7	RR2	CruiserMaxx
	Delta Grow 4765GENRR2Y/STS	4.7	RR2/STS	CruiserMaxx
	Delta Grow 4825GENRR2Y/STS	4.8	RR2/STS	CruiserMaxx
	Delta Grow 4880RR	4.8	RR1	CruiserMaxx
	Delta Grow 4925GENRR2Y	4.9	RR2	CruiserMaxx
	Delta Grow 4940RR	4.9	RR1	CruiserMaxx
	Delta Grow 4970RR	4.9	RR1	CruiserMaxx
	Delta Grow 5125GENRR2Y	5.1	RR2	CruiserMaxx
	Delta Grow 5130GENRR2Y	5.1	RR2	CruiserMaxx
LG Seeds 22827 Shissler Road Elmwood, IL 61529	LG C4544R2	4.5	RR2	Acceleron + Poncho/VOTIVO
	LG C4625R2	4.6	RR2/STS	Acceleron + Poncho/VOTIVO
	LG C4780R2	4.7	RR2/STS	Acceleron + Poncho/VOTIVO
	LG C4867R2	4.8	RR2/STS	Acceleron + Poncho/VOTIVO
	LG C5122R2	5.1	RR2	Acceleron + Poncho/VOTIVO

Participants and Entries
2013 Early-Planted Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG4232 GENRR2Y/STS	4.2	RR2/STS	Acceleron
	ASGROW AG4632 GENRR2Y/STS	4.6	RR2/STS	Acceleron
Mycogen Seeds 107 Meritt Cove Marion, AR 72364	Mycogen 5N423R2	4.2	RR2/STS	CruiserMaxx
	Mycogen 5N431R2	4.3	RR2	CruiserMaxx
	Mycogen 5N451R2	4.5	RR2	CruiserMaxx
	Mycogen 5N478RR2	4.7	RR1/STS	CruiserMaxx
Progeny Ag Products 1529 Hwy 193 Wynne, AR 72396	Progeny P 4211 RY	4.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4313 RY	4.3	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4510 RYS	4.5	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4613 RYS	4.6	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4710 RYS	4.7	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4747 RY	4.7	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4850 RYS	4.8	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4900 RY	4.9	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5111 RY	5.1	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5210 RY	5.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5213 RY	5.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5333 RY	5.3	RR2	Poncho/VOTiVO + Trilex 2000

Participants and Entries
2013 Early-Planted Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Stratton Seed Company P. O. Box 1088 Stuttgart, AR 72160	AGS 43R212	4.3	RR2	CruiserMaxx
	AGS 45R212	4.5	RR2	CruiserMaxx
	AGS 47R212	4.7	RR2	CruiserMaxx
	MPG 4514NRR/STS	4.6	RR1/STS	CruiserMaxx
	MPG 4714NRR	4.7	RR1	CruiserMaxx
	MPG-S-5214NRR	5.2	RR1	CruiserMaxx
	Schillinger 458.RCS	4.6	RR1/STS	CruiserMaxx
	Schillinger 4712R2	4.7	RR2	CruiserMaxx
	Schillinger 478.RCS	4.7	RR1/STS	CruiserMaxx
	Schillinger 495.RC	4.9	RR1	CruiserMaxx
	Schillinger 4990.RC	4.9	RR1	CruiserMaxx
	Schillinger 5220.RC	5.2	RR1	CruiserMaxx
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	REV® 46R64™	4.6	RR1	CruiserMaxx
	REV® 46R73™	4.6	RR1	CruiserMaxx
	REV® 47R34™	4.7	RR1	CruiserMaxx
	REV® 47R53™	4.7	RR1	CruiserMaxx
	REV® 48R22™	4.8	RR1	CruiserMaxx
	REV® 48R33™	4.8	RR1	CruiserMaxx
	REV® 48R44™	4.8	RR1	CruiserMaxx
	REV® 49R22™	4.9	RR1	CruiserMaxx
	REV® 49R94™	4.9	RR1	CruiserMaxx
	REV® 51R53™	5.1	RR1	CruiserMaxx
	REV® 52R74™	5.2	RR1	CruiserMaxx
	REV® 53R23™	5.3	RR1	CruiserMaxx

Participants and Entries
2013 Early-Planted Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
UniSouth Genetics, Inc. 3205-C HWY 46 S Dickson, TN 37055	USG 74A33R	4.3	RR2	CruiserMaxx
	USG 74B81R	4.8	RR2/STS	CruiserMaxx
	USG 74B83R	4.8	RR2/STS	CruiserMaxx
	USG 74E88	4.8	RR1/STS	CruiserMaxx
	USG 74H92R	4.9	RR2	CruiserMaxx
University of Missouri 147 State Hwy T Portageville, MO 63873	S09-6201R	5.1	RR1	Trilex + Gaucho

Participants and Entries
2013 Full-Season Roundup Ready™ Tests

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Armor Seed P.O. Box 9 Hwy 49 Waldenburg, AR. 72475	ARMOR 44-R08	4.4	RR2	AMC
	ARMOR 45-R60	4.5	RR2/STS	AMC
	ARMOR 4744	4.7	RR2/STS	AMC
	ARMOR 47-R13	4.8	RR2/STS	AMC
	ARMOR 48-R40	4.7	RR2/STS	AMC
	ARMOR 48-R66	4.8	RR2/STS	AMC
	ARMOR 49-R56	4.9	RR2	AMC
	ARMOR 53-R16	5.4	RR2	AMC
	ARMOR 53-R88	5.4	RR2/STS	AMC
	ARMOR 55-R22	5.5	RR2	AMC
	ARMOR X1312	5.0	RR2	AMC
	ARMOR X1354	5.4	RR2	AMC
	ARMOR X1401	4.2	RR2	AMC
	ARMOR X1404	4.6	RR2/STS	AMC
	ARMOR X1406	4.6	RR2/STS	AMC
	ARMOR X1409	4.9	RR2	AMC
	ARMOR X1410	5.0	RR2	AMC
	ARMOR X1413	5.1	RR2	AMC
	ARMOR X1414	5.3	RR2	AMC
Bayer CropScience 1690 Jasmine Conway, AR 72034	HBK RY4620	4.6	RR2/STS	Trilex 2000 + Poncho/VOTIVO
	HBK RY4721	4.7	RR2/STS	Trilex 2000 + Poncho/VOTIVO
	HBK RY5221	5.2	RR2	Trilex 2000 + Poncho/VOTIVO
	HBK RY5421	5.4	RR2	Trilex 2000 + Poncho/VOTIVO

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421	Morsoy EXP 55	5.5	RR2	AMC
	Morsoy RT 5429	5.4	RR1	AMC
	Morsoy Xtra 44X82	4.4	RR2	AMC
	Morsoy Xtra 46X29	4.6	RR2	AMC
	Morsoy Xtra 47X12	4.7	RR2	AMC
	Morsoy Xtra 48X02	4.8	RR2	AMC
	Morsoy Xtra 49X14	4.9	RR2	AMC
	Morsoy Xtra 53X82	5.3	RR2	AMC
Crop Production Services P.O. Box 348 Portageville, MO 63873	Dyna-Gro 31RY45	4.5	RR2	Acceleron
	Dyna-Gro 32RY55	5.5	RR2	Acceleron
	Dyna-Gro 39RY43	4.3	RR2	Acceleron
	Dyna-Gro 39RY57	5.7	RR2	Acceleron
	Dyna-Gro S47RY13	4.7	RR2	Acceleron
	Dyna-Gro S48RS53	4.8	RR2/STS	Acceleron
	Dyna-Gro S53RY23	5.3	RR2	Acceleron
	Dyna-Gro S54RY43	5.4	RR2	Acceleron
Davis Seed Company 20847 HWY J5T Moravia, IA 52571	Dyna-Gro S56RY84	5.6	RR2	Acceleron
	Davis 4146RR2YS	4.6	RR2/STS	CruiserMaxx
	Davis 4148RR2YS	4.8	RR2/STS	CruiserMaxx
	Davis 4347RR2YS	4.7	RR2/STS	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Delta Grow Seed 220 NW 2nd England, AR 72046	Delta Grow 4670GENRR2Y	4.6	RR2	CruiserMaxx
	Delta Grow 4755GENRR2Y	4.7	RR2	CruiserMaxx
	Delta Grow 4765GENRR2Y/STS	4.7	RR2/STS	CruiserMaxx
	Delta Grow 4825GENRR2Y/STS	4.8	RR2/STS	CruiserMaxx
	Delta Grow 4880RR	4.8	RR1	CruiserMaxx
	Delta Grow 4925GENRR2Y	4.9	RR2	CruiserMaxx
	Delta Grow 4940RR	4.9	RR1	CruiserMaxx
	Delta Grow 4970RR	4.9	RR1	CruiserMaxx
	Delta Grow 5125GENRR2Y	5.1	RR2	CruiserMaxx
	Delta Grow 5130GENRR2Y	5.1	RR2	CruiserMaxx
	Delta Grow 5475GENRR2Y	5.4	RR2	CruiserMaxx
	Delta Grow 5480GENRR2Y	5.4	RR2	CruiserMaxx
	Delta Grow 5565GENRR2Y	5.5	RR2	CruiserMaxx
	Delta Grow 5575GENRR2Y	5.5	RR2	CruiserMaxx
	Delta Grow 5625GENRR2Y	5.6	RR2	CruiserMaxx
Dulaney Seed Inc. 150 Jackson 164 Rd McCrory, AR 72101	AgVenture 50K5RR™	5.0	RR1	CruiserMaxx
	AgVenture 55K5RR™	5.5	RR1	CruiserMaxx
	AgVenture AvDX - D613	4.6	RR1	CruiserMaxx
	AgVenture AvDX - D913	4.9	RR1	CruiserMaxx
	AgVenture AvDX - V213	5.2	RR1	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Dupont Pioneer 700 Boulevard South, Ste. 302 Huntsville, AL 35802	Pioneer 94Y23	4.2	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer 95Y10	5.1	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer 95Y80	5.8	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P46T21R	4.6	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P47T36R	4.7	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P48T53R	4.8	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P49T80R	4.9	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P49T97R	4.9	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P50T40R	5.0	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P50T64R	5.0	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P54T94R	5.4	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Pioneer P55T57R	5.5	RR2	Gaucha 600 + EverGol Energy + Allegiance
	Eagle Seed 4777RR	4.7	RR1	CruiserMaxx
	Eagle Seed 4818RR	4.8	RR1	CruiserMaxx
Eagle Seed Company P.O. Box 308 Weiner, AR 72479	Eagle Seed 4998RR	4.9	RR1	CruiserMaxx
	Eagle Seed 5400RR	5.4	RR1	CruiserMaxx
	Eagle Seed 5507RR	5.5	RR1	CruiserMaxx
	Eagle Seed 5519RR	5.5	RR1	CruiserMaxx
	Eagle Seed 5650RR	5.6	RR1	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG4232 GENRR2Y/STS	4.2	RR2/STS	Acceleron
	ASGROW AG4534 GENRR2Y/STS	4.5	RR2/STS	Acceleron
	ASGROW AG4632 GENRR2Y/STS	4.6	RR2/STS	Acceleron
	ASGROW AG4633 GENRR2Y	4.6	RR2	Acceleron
	ASGROW AG4832 GENRR2Y/STS	4.8	RR2/STS	Acceleron
	ASGROW AG4933 GENRR2Y	4.9	RR2	Acceleron
	ASGROW AG4934 GENRR2Y/STS	4.9	RR2/STS	Acceleron
	ASGROW AG5233 GENRR2Y/STS	5.2	RR2/STS	Acceleron
	ASGROW AG5332 GENRR2Y	5.3	RR2	Acceleron
	ASGROW AG5533 GENRR2Y/STS	5.5	RR2/STS	Acceleron
Mycogen Seeds 107 Meritt Cove Marion, AR 72364	Mycogen 5N423R2	4.2	RR2/STS	CruiserMaxx
	Mycogen 5N431R2	4.3	RR2	CruiserMaxx
	Mycogen 5N451R2	4.5	RR2	CruiserMaxx
	Mycogen 5N478RR2	4.7	RR1/STS	CruiserMaxx
NK Syngenta Seed 130 Myra Shirey Lane Bernice, LA 71222	NK S43-K1 Brand	4.3	RR2	CruiserMaxx
	NK S44-D5 Brand	4.4	RR1	CruiserMaxx
	NK S45-V8 Brand	4.5	RR2	CruiserMaxx
	NK S46-L2 Brand	4.6	RR2	CruiserMaxx
	NK S47-N3 Brand	4.7	RR2	CruiserMaxx
	NK S48-P4 Brand	4.8	RR2	CruiserMaxx
	NK S49-F8 Brand	4.9	RR1	CruiserMaxx
	NK S51-H9 Brand	5.1	RR2	CruiserMaxx
	NK S52-Y2 Brand	5.2	RR2	CruiserMaxx
	NK S56-G6 Brand	5.6	RR1	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Progeny Ag Products 1529 Hwy 193 Wynne, AR 72396	Progeny P 4211 RY	4.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4313 RY	4.3	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4510 RYS	4.5	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4613 RYS	4.6	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4710 RYS	4.7	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4747 RY	4.7	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 4850 RYS	4.8	RR2/STS	Poncho/VOTiVO + Trilex 2000
	Progeny P 4900 RY	4.9	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5111 RY	5.1	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5210 RY	5.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5213 RY	5.2	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5333 RY	5.3	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5555 RY	5.5	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5610 RY	5.6	RR2	Poncho/VOTiVO + Trilex 2000
	Progeny P 5711 RY	5.7	RR2	Poncho/VOTiVO + Trilex 2000
Stratton Seed Company P.O. Box 1088 Stuttgart, AR 72160	AGS 43R212	4.3	RR2	CruiserMaxx
	AGS 45R212	4.5	RR2	CruiserMaxx
	AGS 47R212	4.7	RR2	CruiserMaxx
	MPG 4514NRR/STS	4.6	RR1/STS	CruiserMaxx
	MPG 4714NRR	4.7	RR1	CruiserMaxx
	MPG-S-5214NRR	5.2	RR1	CruiserMaxx
	Schillinger 458.RCS	4.6	RR1/STS	CruiserMaxx
	Schillinger 4712R2	4.7	RR2	CruiserMaxx
	Schillinger 478.RCS	4.7	RR1/STS	CruiserMaxx
	Schillinger 495.RC	4.9	RR1	CruiserMaxx
	Schillinger 5220.RC	5.2	RR1	CruiserMaxx
	Schillinger 557.RC	5.5	RR1	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	REV® 46R64™	4.6	RR1	CruiserMaxx
	REV® 46R73™	4.6	RR1	CruiserMaxx
	REV® 47R34™	4.7	RR1	CruiserMaxx
	REV® 47R53™	4.7	RR1	CruiserMaxx
	REV® 48R22™	4.8	RR1	CruiserMaxx
	REV® 48R33™	4.8	RR1	CruiserMaxx
	REV® 48R44™	4.8	RR1	CruiserMaxx
	REV® 49R22™	4.9	RR1	CruiserMaxx
	REV® 49R94™	4.9	RR1	CruiserMaxx
	REV® 51R53™	5.1	RR1	CruiserMaxx
	REV® 52R74™	5.2	RR1	CruiserMaxx
	REV® 53R23™	5.3	RR1	CruiserMaxx
	REV® 54R84™	5.4	RR1	CruiserMaxx
	REV® 55R53™	5.5	RR1	CruiserMaxx
	REV® 56R21™	5.6	RR1	CruiserMaxx
	REV® 56R63™	5.6	RR1	CruiserMaxx
	REV® 57R21™	5.7	RR1	CruiserMaxx
	REV® 59R13™	5.9	RR1	CruiserMaxx
UniSouth Genetics, Inc. 3205-C HWY 46 S Dickson, TN 37055	USG 74A33R	4.3	RR2	CruiserMaxx
	USG 74B81R	4.8	RR2/STS	CruiserMaxx
	USG 74B83R	4.8	RR2/STS	CruiserMaxx
	USG 74E88	4.8	RR1/STS	CruiserMaxx
	USG 75J62R	5.6	RR2/STS	CruiserMaxx
	USG 75Q42R	5.4	RR2	CruiserMaxx

Participants and Entries
2013 Full-Season Roundup Ready™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	R04-1250RR	5.5	RR1	Apron Maxx
	R04-1268RR	5.4	RR1	Apron Maxx
	R10-130RY	5.2	RR2	Apron Maxx
	R10-197RY	5.6	RR2	Apron Maxx
	R10-428RY	5.1	RR2	Apron Maxx
University of Missouri 147 State Hwy T Portageville, MO 63873	S09-6201R	5.1	RR1	Trilex + Gaucho
Willcross Seed, Inc. P.O. Box 499 Garden City, MO 64747	Willcross RY2460S	4.6	RR2	Trilex 6000
	Willcross RY2494NS	4.9	RR2/STS	Trilex 6000
	Willcross RY2513N	5.1	RR2	Trilex 6000
	Willcross RY2533N	5.3	RR2	Trilex 6000
	Willcross RY2543N	5.4	RR2	Trilex 6000
	Willcross WX2464N	4.6	RR2	Trilex 6000

Participants and Entries
2013 Non-Roundup Ready™ and LibertyLink™ Tests

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
Armor Seed P.O. Box 9 Hwy 49 Waldenburg, AR. 72475	ARMOR 49-C3	4.9	Conv.	AMC
	ARMOR X47C	4.8	Conv./STS	AMC
	ARMOR X48C	4.8	Conv./STS	AMC
	ARMOR X49C	4.9	Conv./STS	AMC
Bayer CropScience 1690 Jasmine Conway, AR 72034	HBK LL4650	4.6	LL	Trilex 2000 + Poncho/VOTiVO
	HBK LL4653	4.6	LL	Trilex 2000 + Poncho/VOTiVO
	HBK LL4850	4.8	LL	Trilex 2000 + Poncho/VOTiVO
	HBK LL4950	4.9	LL	Trilex 2000 + Poncho/VOTiVO
	HBK LL4953	4.9	LL	Trilex 2000 + Poncho/VOTiVO
	HBK LL5350	5.3	LL	Trilex 2000 + Poncho/VOTiVO
Crop Production Services P.O. Box 348 Portageville, MO 63873	Dyna-Gro 34LL53	5.3	LL	Acceleron
	Dyna-Gro S49LL34	4.9	LL	Acceleron
Delta Grow Seed 220 NW 2nd England, AR 72046	Delta Grow 4867LL	4.8	LL	CruiserMaxx
	Delta Grow 4967LL	4.9	LL	CruiserMaxx
	Delta Grow 4981LL	4.9	LL/STS	CruiserMaxx
	Delta Grow 4990LL	4.9	LL	CruiserMaxx
	Delta Grow 5361LL	5.3	LL	CruiserMaxx
	Delta Grow 5461LL	5.4	LL	CruiserMaxx
Dupont Pioneer 700 Boulevard South, Ste. 302 Huntsville, AL 35802	Delta Grow 5481LL	5.4	LL	CruiserMaxx
	Pioneer P43T14L™	4.3	LL	Gaucho 600 + EverGol Energy + Allegiance
	Pioneer P53T51L™	5.3	LL	Gaucho 600 + EverGol Energy + Allegiance

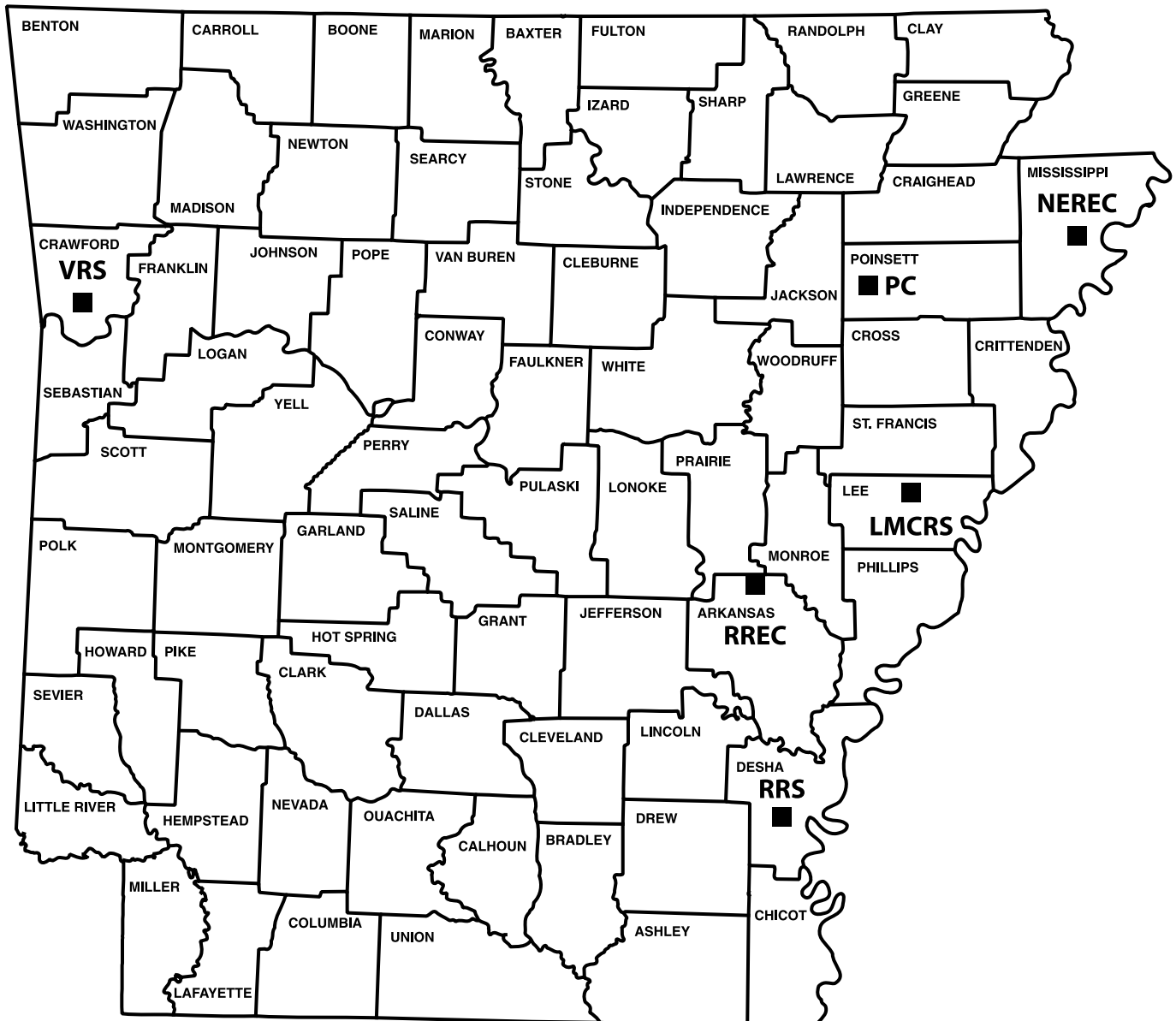
Participants and Entries
2013 Non-Roundup Ready™ and LibertyLink™ Tests, Continued

Company/ Institute	Variety	Relative		Herbicide	Seed Treatment
		Maturity	Tolerance		
Progeny Ag Products 1529 Hwy 193 Wynne, AR 72396	Progeny P 4560 LL	4.5	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 4819 LL	4.8	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 4928 LL	4.9	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 4930 LL	4.9	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 5160 LL	5.1	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 5460 LL	5.4	LL		Poncho/VOTIVO + Trilex 2000
	Progeny P 5960 LL	5.9	LL		Poncho/VOTIVO + Trilex 2000
Stratton Seed Company P.O. Box 1088 Stuttgart, AR 72160	Go Soy 4411 LL	4.4	LL		CruiserMaxx
	Go Soy 4512 LL	4.5	LL		CruiserMaxx
	Go Soy 4711 LL	4.7	LL		CruiserMaxx
	Go Soy 4812 LL	4.8	LL		CruiserMaxx
	Go Soy 4912 LL	4.9	LL		CruiserMaxx
	Go Soy 5010 LL	5.0	LL		CruiserMaxx
	Go Soy 5111 LL	5.1	LL		CruiserMaxx
	Go Soy 5312 LL	5.3	LL		CruiserMaxx
	Go Soy 5410 LL	5.2	LL		CruiserMaxx
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	Hutcheson	5.3	Conv.		Apron Maxx
	Osage	5.6	Conv.		Apron Maxx
	Ozark	5.2	Conv.		Apron Maxx
	R05-374	5.1	Conv.		Apron Maxx
	R08-2797	4.7	Conv.		Apron Maxx
	R09-430	5.0	Conv.		Apron Maxx
	UA 4913C	4.9	Conv.		Apron Maxx
	UA 5213C	5.2	Conv.		Apron Maxx
	UA 5612	5.6	Conv.		Apron Maxx

2013 Non-Roundup Ready™ and LibertyLink™ Tests, Continued

<u>Company/ Institute</u>	<u>Variety</u>	<u>Relative Maturity</u>	<u>Herbicide Tolerance</u>	<u>Seed Treatment</u>
University of Missouri 147 State Hwy T Portageville, MO 63873	S09-10871	4.8	Conv.	Trilex + Gaucho
	S09-13608	4.8	Conv.	Trilex + Gaucho
	S09-13635	5.0	Conv.	Trilex + Gaucho
	S09-9943	4.6	Conv.	Trilex + Gaucho
USDA-ARS 605 Airways Blvd. Jackson, TN 38301	JTN-4307	5.0	Conv.	Apron Maxx RTA + Moly
	JTN-5110	5.5	Conv.	Apron Maxx RTA + Moly
	JTN-5203	5.3	Conv.	Apron Maxx RTA + Moly
	Leland	5.1	Conv.	Apron Maxx RTA + Moly Apron Maxx RTA + Moly
US Seeds 2528 Alexander Dr. Jonesboro, AR 72401	HALO 4:40	4.2	LL	AMC
	HALO 4:65	4.6	LL	AMC
	HALO 4:94	4.9	LL	AMC
	HALO 4:95	4.9	LL	AMC
	HALO 4:97	4.7	LL/STS	AMC
	HALO 5:01	4.9	LL	AMC
	HALO 5:01-5	5.0	LL	AMC
	HALO 5:26	5.1	LL	AMC
	HALO 5:45	5.4	LL	AMC
	HALO X466	4.6	LL	AMC
	HALO X496	4.9	LL	AMC
	HALO X530	5.3	LL/STS	AMC

SOYBEAN TEST LOCATIONS



- LMCRS** - Lon Mann Cotton Research Station, Marianna, Arkansas
- NREC** - Northeast Research and Extension Center, Keiser, Arkansas
- PC** - Poinsett County, near Weiner, Arkansas
- RREC** - Rice Research and Extension Center, Stuttgart, Arkansas
- RRS** - Rohwer Research Station, Rohwer, Arkansas
- VRS** - Vegetable Research Station, Kibler, Arkansas



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