

Arkansas Soybean Performance Tests

2008



D.G. Dombek • R.D. Bond • I.L. Eldridge • R.M. Pryor

ARKANSAS AGRICULTURAL EXPERIMENT STATION

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ARKANSAS SOYBEAN PERFORMANCE TESTS¹ 2008

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INTRODUCTION

Soybean cultivar performance tests are conducted each year in Arkansas by the University of Arkansas Division of Agriculture. The tests provide information to companies developing cultivars and/or marketing seed within the state, and aid the Arkansas Cooperative Extension Service in formulating cultivar recommendations for soybean producers.

The 2008 soybean Commercial Cultivar Tests (CCTs) 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 Southeast Research and Extension Center - Rohwer Division (SEREC - RD) near Rohwer, and the Vegetable Substation (VSS) near Kibler. A test location map can be found inside the back cover.

MATERIALS AND METHODS

Soybean cultivars were entered by commercial seed companies, state and federal institutions. Recommended cultural practices were used at each location and all data were taken from a uniform set of instructions.

Cultivars were grouped by maturity groups based on information provided by the originating company or institution. To facilitate field operations and to allow for fairer comparisons between cultivars, entries in the Group IV and V CCTs were separated into "early" cultivars and "late" cultivars. Cultivars in the "early" Group IV test had a relative maturity range of 4.0 to 4.6 and in the Group V test, a range of 5.0 to 5.5. Cultivars in the "late" Group IV test had a relative maturity range of 4.7 or 4.9 and in the "late" Group V test, a range of 5.6 to 5.9.

In addition to the CCTs, Early Planted Tests (EPT) were established at NEREC, SEREC-RD, LMCRS, and at the Scott Matthews farm near Weiner in Poinsett County. Entries were separated into four groups: Maturity Group IIIs, Maturity Group IV, relative maturity 4.0-4.6, 4.7-4.9, and Maturity Group Vs.

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.

Interior rows of each plot were harvested for yield determination. Percent moisture was recorded for all harvested seed and plot weights were adjusted to thirteen percent 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
2. 1-3% shattered
3. 4-8% shattered
4. 9-19% shattered
5. 20% or more 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.

¹ Use 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.

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Table 1. Yields of Early Planted, Roundup Ready Soybean Cultivars at All Locations, 2008¹.

Variety/Experimental Line	Keiser	Marianna	Rohwer	Poinsett Co.	Silt Loam ² Average	All Location ³ Average
.....bu./A.....						
<u>Maturity Group III (RM 3.5 to 3.9)</u>						
Armor 39-K4	77.0	80.9	58.3	51.6	63.6	67.0
ASGROW AG3906	83.5	82.0	62.7	55.0	66.6	70.8
HBK R3824	74.1	79.4	61.7	75.2	72.1	72.6
HBK R3927	77.0	96.8	57.5	63.3	72.5	73.6
Progeny 3906RR	73.6	82.6	64.8	56.7	68.0	69.4
S04-20912	74.5	88.7	57.0	66.5	70.7	71.6
S04-3924	81.1	90.7	65.2	65.1	73.7	75.5
GRAND MEAN	77.2	85.9	61.0	61.9	69.6	71.5
LSD (5%)	7.7	10.5	9.1	11.1	•	•
CV (%)	6.7	8.2	10.0	12.0	•	•
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>						
Armor 42-M1	90.0	79.8	74.4	77.4	77.2	80.4
Armor ARX4560	78.6	81.0	71.6	84.4	79.0	78.9
ASGROW AG 4303	86.7	77.7	74.3	68.6	73.5	76.8
ASGROW AG4405	75.9	84.8	74.6	79.8	79.7	78.8
ASGROW AG4605	86.3	80.4	78.8	80.1	79.8	81.4
ASGROW AG4606	82.1	75.8	70.2	78.2	74.7	76.6
ASGROW DKB46-51	80.6	72.4	70.8	94.3	79.2	79.5
Croplan Genetics RC4207	74.8	71.2	70.2	76.9	72.8	73.3
Croplan Genetics RC4417	78.5	75.6	74.4	69.5	73.2	74.5
Croplan Genetics RC4455	78.6	82.1	68.9	84.1	78.4	78.4
Crows C4142R	82.5	73.2	74.5	82.8	76.8	78.2
Crows C4519R	68.4	80.6	67.1	80.3	76.0	74.1
Delta Grow 4150RR	74.6	83.3	78.7	80.0	80.7	79.1
Delta Grow 4460RR	75.6	82.9	68.3	82.6	77.9	77.3
Delta Grow 4470RR/STS	74.5	73.9	74.9	77.6	75.5	75.2
Delta Grow 4660RR	69.0	72.9	66.1	72.9	70.6	70.2
Delta King DK XTJ946	77.8	69.3	59.3	78.8	69.1	71.3
Delta King DK 4667	76.8	77.7	67.2	75.4	73.4	74.3
Deltapine DP 4546RR	74.7	71.0	60.2	76.1	69.1	70.5
Dyna-Gro 32R46	81.0	63.1	78.7	91.4	77.7	78.5
Dyna-Gro 33Y45	76.3	73.0	76.5	85.4	78.3	77.8
Dyna-Gro 37A44	75.0	85.8	72.9	86.7	81.8	80.1
Dyna-Gro 37F46	85.2	71.3	68.0	75.3	71.5	74.9
HBK R4527	76.7	68.4	64.9	85.2	72.8	73.8
MorSoy RT4485N	80.9	86.9	79.5	82.9	83.1	82.5
MorSoy RTs4488N	78.1	78.0	87.1	76.3	80.5	79.9
MorSoy RTs4556N	78.3	74.1	74.9	82.4	77.1	77.4
MPG 48-2nRR	80.4	80.2	70.5	79.8	76.8	77.7
NC+ 4A15RS	78.8	76.7	70.9	74.3	74.0	75.2
Pioneer 94Y60	85.9	79.9	81.6	82.3	81.3	82.4
Progeny 4206RR	78.2	72.0	71.9	72.1	72.0	73.5
Progeny 4405RR	68.6	81.2	69.4	84.2	78.3	75.8
Progeny 4206RR	59.0	90.4	66.9	96.3	84.5	78.1
Progeny 4405RR	49.4	99.6	64.4	108.4	90.8	80.4
Progeny 4206RR	39.8	108.8	61.9	120.5	97.1	82.7
Schillinger 457.RCP	73.8	73.7	75.7	83.3	77.6	76.6
Schillinger 458.RCS	79.1	79.2	69.7	84.9	77.9	78.2
Terral TV44R27	74.9	81.9	66.2	82.1	76.7	76.3
Terral TV45R18	78.6	76.1	71.7	71.9	73.2	74.6

Table 1. Yields of Early Planted, Roundup Ready Soybean Cultivars at All Locations, 2008¹, continued.

Variety/Experimental Line	Keiser	Marianna	Rohwer	Poinsett Co.	Silt Loam ² Average	All Location ³ Average
<u>Maturity Group IV Early (RM 4.0 to 4.6), continued</u>						
Terral TV46R19	68.2	68.6	54.2	82.5	68.4	68.4
USG 74A27	75.0	80.2	80.2	69.8	76.7	76.3
USG 74A45	69.8	86.2	67.5	83.4	79.0	76.7
USG 74E68	81.3	73.6	76.2	71.1	73.6	75.5
USG 74H48	74.0	67.9	69.4	88.9	75.4	75.0
GRAND MEAN	77.6	76.5	71.7	79.9	76.0	76.4
LSD (5%)	8.6	9.9	6.0	7.9	•	•
CV (%)	7.9	9.3	6.0	7.0	•	•
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>						
Armor 47-F8	85.7	65.6	69.5	89.2	74.8	77.5
Armor 49-V6	89.2	76.9	63.9	92.9	77.9	80.7
Armor ARX4717	82.4	72.9	72.5	80.5	75.3	77.1
ASGROW AG4703	82.4	76.2	66.9	99.5	80.9	81.3
ASGROW AG4705	74.1	79.2	74.0	87.3	80.2	78.7
ASGROW AG4903	81.2	73.3	70.7	97.3	80.4	80.6
ASGROW AG4907	80.3	77.0	68.8	95.4	80.4	80.4
ASGROW DK4866	89.0	78.6	63.7	105.0	82.4	84.1
Croplan Genetics RC4757	90.3	59.0	75.1	99.8	78.0	81.0
Croplan Genetics RC4877	90.5	72.9	75.7	100.4	83.0	84.9
Croplan Genetics RC4908	88.3	70.0	68.3	99.1	79.1	81.4
Croplan Genetics RC4955	75.1	71.0	67.3	92.2	76.8	76.4
Croplan Genetics RC4998	74.8	66.9	60.9	97.5	75.1	75.0
Delta Grow 4770RR	73.4	67.0	69.1	88.0	74.7	74.4
Delta Grow 4780RR	85.5	74.6	78.0	95.3	82.6	83.4
Delta Grow 4820RR	73.7	72.0	67.2	86.9	75.4	74.9
Delta Grow 4870RR	83.0	64.3	71.7	102.2	79.4	80.3
Delta Grow 4970RR	78.6	75.0	64.1	84.5	74.5	75.6
Delta Grow 4975RR	84.8	72.6	64.1	90.9	75.9	78.1
Delta King DK 4968	82.4	69.8	60.8	78.6	69.7	72.9
Delta King DK 4995	78.1	53.0	63.1	95.1	70.4	72.3
Delta King DK XTJ847	81.9	66.9	67.5	90.7	75.0	76.7
Delta King DK XTJ848	76.4	89.0	65.8	85.2	80.0	79.1
Delta King DK XTJ949	78.9	75.9	55.2	94.6	75.2	76.2
Deltapine DP 4888RR/S	74.4	76.5	69.7	93.7	80.0	78.6
Dyna-Gro 36Y48	80.0	72.7	63.5	94.7	77.0	77.7
Dyna-Gro 37P49	79.8	81.0	64.8	93.3	79.7	79.7
Eagle Seed ES 4818RR	77.8	74.0	64.7	90.7	76.5	76.8
Eagle Seed ES 4906RR	58.7	80.3	61.5	92.9	78.2	73.4
Eagle Seed ES 4991RR	72.2	69.0	63.8	90.4	74.4	73.9
Eagle Seed ES XVT675RR	66.8	56.1	45.8	82.3	61.4	62.8
HBK R4727	82.5	73.4	78.2	97.3	83.0	82.9
HBK R4924	77.8	75.9	69.8	95.1	80.3	79.6
MorSoy RT4688N	75.0	68.7	68.2	86.5	74.5	74.6
MorSoy RT4707N	84.2	78.9	73.8	102.9	85.2	85.0
MorSoy RT4888N	87.5	62.2	71.1	92.8	75.4	78.4
MorSoy RT4914N	77.6	80.9	67.9	87.3	78.7	78.4
MorSoy RTs4706N	90.7	62.9	60.9	91.2	71.7	76.4
MorSoy RTs4955N	81.5	78.0	68.6	88.9	78.5	79.3
NC+ 4A81RS	92.0	76.5	68.3	107.9	84.2	86.2
Pioneer 94B73	78.2	55.2	70.6	92.9	72.9	74.2
Pioneer 94Y70	85.0	77.0	72.8	87.7	79.2	80.6

Table 1. Yields of Early Planted, Roundup Ready Soybean Cultivars at All Locations, 2008¹, continued.

Variety/Experimental Line	Keiser	Marianna	Rohwer	Poinsett Co.	Silt Loam ² Average	All Location ³ Average
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued</u>						
Pioneer 94Y90	75.1	60.7	76.3	94.2	77.1	76.6
Progeny 4706RR	73.5	76.6	67.1	94.3	79.3	77.9
Progeny 4718RR	76.7	63.5	65.5	88.8	72.6	73.6
Progeny 4807RR	85.8	70.5	73.6	93.6	79.2	80.9
Progeny 4906RR	77.5	66.6	71.0	97.8	78.5	78.2
Progeny 4908RR	80.6	64.7	66.5	80.3	70.5	73.0
Progeny 4918RR	87.1	49.4	72.7	102.0	74.7	77.8
Progeny 4949RR	78.9	67.4	66.7	83.0	72.4	74.0
Schillinger 478.RCS	78.8	64.3	68.1	89.1	73.8	75.1
Schillinger 495.RC	72.9	60.9	63.0	86.8	70.2	70.9
S04-4604	79.9	74.3	66.9	85.2	75.5	76.6
Terral TV47R17	76.8	61.2	61.4	93.3	72.0	73.2
Terral TV47R18	74.7	67.1	55.3	82.0	68.1	69.8
Terral TV49R19	79.9	71.5	63.5	85.3	73.4	75.1
USG 74A88	83.1	65.9	68.3	103.7	79.3	80.3
USG 74A91	88.0	79.0	60.5	85.7	75.1	78.3
USG 74F78	78.0	62.7	67.0	87.4	72.4	73.8
USG 74F96	84.9	74.0	62.7	87.7	74.8	77.3
GRAND MEAN	80.2	70.3	67.1	91.9	76.4	77.4
LSD (5%)	9.5	11.3	5.7	11.4	•	•
CV (%)	8.5	11.5	6.1	8.9	•	•

Maturity Group V (RM 5.0 to 5.3)

Armor GP-500	77.0	50.6	55.7	71.9	59.4	63.8
ASGROW DK5068	79.2	79.0	59.2	87.4	75.2	76.2
Croplan Genetics RC5007	77.9	57.0	53.6	82.8	64.5	67.8
Croplan Genetics RC5222	69.2	60.5	56.2	82.5	66.4	67.1
Crows C5015R	72.1	69.1	52.7	75.1	65.6	67.2
Delta Grow 5160RR/STS	75.4	72.3	63.1	84.8	73.4	73.9
Delta Grow 5170RR	80.9	54.9	56.0	98.9	69.9	72.7
Delta Grow 5280RR	79.5	52.6	46.6	81.5	60.2	65.1
Delta Grow 5300RR	74.8	59.1	58.9	81.3	66.4	68.5
Delta King DK XTJ950	76.9	57.1	43.5	84.8	61.8	65.6
Dyna-Gro 32A53	73.2	52.2	41.7	79.4	57.8	61.6
Dyna-Gro 33B52	75.2	67.9	46.5	70.7	61.7	65.1
Eagle Seed ES 5121RR	78.6	53.0	44.6	79.1	58.9	63.8
HBK R5226	78.1	51.6	47.0	88.8	62.5	66.4
HBK RS5227	69.5	57.1	64.9	81.3	67.8	68.2
MorSoy RT5168N	84.5	78.4	57.8	89.0	75.1	77.4
MorSoy RT5288N	77.4	49.9	49.0	82.5	60.5	64.7
MorSoy RT5388N	78.6	61.0	60.2	95.1	72.1	73.7
NC+ 5A31RS	68.1	57.5	59.7	84.5	67.2	67.5

Table 1. Yields of Early Planted, Roundup Ready Soybean Cultivars at All Locations, 2008¹, continued.

Variety/Experimental Line	Keiser	Marianna	Rohwer	Poinsett Co.	Silt Loam ² Average	All Location ³ Average
Maturity Group V (RM 5.0 to 5.3), continued						
Progeny 5107RR	74.9	59.3	37.2	78.5	58.3	62.5
Progeny 5108RR	76.6	62.7	47.1	86.0	65.3	68.1
Progeny 5115RR	77.7	71.5	54.2	81.1	68.9	71.1
Progeny 5208RR	72.5	69.3	49.9	89.9	69.7	70.4
Progeny 5218RR	73.2	58.6	48.9	91.5	66.3	68.1
Progeny 5308RR	70.6	51.4	49.5	93.2	64.7	66.2
S05-4678	80.1	75.0	51.6	87.0	71.2	73.4
Terral TV52R28	72.5	53.8	50.6	74.9	59.8	62.9
GRAND MEAN	75.7	60.8	52.1	83.8	65.6	68.1
LSD (5%)	6.4	11.0	6.3	11.9	•	•
CV (%)	6.0	12.8	8.6	10.1	•	•

¹Keiser = Northeast Research and Extension Center

Marianna = Lon Mann Cotton Research Station

Rohwer = Southeast Research and Extension Center - Rohwer Division

Poinsett County = Scott Mathews Farm

²Average yield of Marianna, Rohwer and Poinsett County locations.

³Average yield of all locations.

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group III (RM 3.5 to 3.9)</u>							
ASGROW AG3906	83.5	70.4	65.9	9/14	1	1	29
S04-3924	81.1	•	•	9/19	2	1	40
HBK R3927	77.0	68.4	•	9/17	4	1	39
Armor 39-K4	77.0	64.0	68.8	9/13	3	1	37
S04-20912	74.5	•	•	9/19	3	1	31
HBK R3824	74.1	68.8	67.6	9/12	2	1	33
Progeny 3906RR	73.6	•	•	9/10	3	1	38
GRAND MEAN	77.2	•	•	•	3	1	35
LSD (5%)	7.7	•	•	•	1	•	•
CV (%)	6.7	•	•	•	35	•	•
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Armor 42-M1	90.0	•	•	9/22	1	1	35
ASGROW AG 4303	86.7	•	•	9/14	1	1	34
ASGROW AG4605	86.3	•	•	9/19	1	1	39
Pioneer 94Y60	85.9	•	•	9/19	1	1	34
Dyna-Gro 37F46	85.2	75.2	79.3	9/22	5	1	40
Crows C4142R	82.5	•	•	9/17	1	1	41
Progeny 4408RR	82.2	•	•	9/15	1	1	33
ASGROW AG4606	82.1	•	•	9/20	1	1	39
USG 74E68	81.3	•	•	9/12	1	1	36
Dyna-Gro 32R46	81.0	74.7	•	9/21	1	1	36
MorSoy RT4485N	80.9	68.6	66.8	9/21	4	1	43
ASGROW DKB46-51	80.6	73.5	68.6	9/21	2	1	36
MPG 48-2nRR	80.4	•	•	9/17	1	1	45
Schillinger 458.RCS	79.1	•	•	9/23	1	1	42
Progeny 4606RR	79.0	70.9	67.7	9/21	1	1	35
NC+ 4A15RS	78.8	•	•	9/15	1	1	31
Croplan Genetics RC4455	78.6	68.0	•	9/20	4	1	44
Terral TV45R18	78.6	•	•	9/15	2	1	41
Armor ARX4560	78.6	•	•	9/19	4	1	40
Croplan Genetics RC4417	78.5	75.5	•	9/14	1	1	40
MorSoy RTs4556N	78.3	72.6	•	9/19	1	1	34
Progeny 4206RR	78.2	72.0	72.3	9/18	1	1	36
MorSoy RTs4488N	78.1	•	•	9/15	1	1	30
Delta King DK XTJ946	77.8	•	•	9/22	3	1	43
Delta King DK 4667	76.8	72.0	76.7	9/21	5	1	44
HBK R4527	76.7	72.7	•	9/23	4	1	45
Dyna-Gro 33Y45	76.3	•	•	9/22	2	1	37
ASGROW AG4405	75.9	73.9	•	9/18	1	1	40
Delta Grow 4460RR	75.6	64.7	63.2	9/12	3	1	44
USG 74A27	75.0	69.1	•	9/16	1	1	32
Dyna-Gro 37A44	75.0	66.2	65.0	9/19	3	1	42
Terral TV44R27	74.9	66.4	65.2	9/21	4	1	50
Croplan Genetics RC4207	74.8	•	•	9/16	3	1	40
Deltapine DP 4546RR	74.7	74.6	77.6	9/19	3	1	44
Delta Grow 4150RR	74.6	68.0	66.6	9/17	1	1	33
Delta Grow 4470RR/STS	74.5	71.9	•	9/19	1	1	31
USG 74H48	74.0	•	•	9/18	3	1	36

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6), continued</u>							
Schillinger 457.RCP	73.8	74.9	•	9/18	3	1	40
Progeny 4508RR	71.4	•	•	9/21	3	1	41
USG 74A45	69.8	•	•	9/14	2	1	43
Delta Grow 4660RR	69.0	71.5	72.8	9/21	3	1	45
Progeny 4405RR	68.6	•	•	9/13	4	1	45
Crows C4519R	68.4	•	•	9/22	3	1	37
Terral TV46R19	68.2	•	•	9/24	2	1	43
GRAND MEAN	77.6	•	•	•	2	1	39
LSD (5%)	8.6	•	•	•	1	•	•
CV (%)	7.9	•	•	•	30	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

NC+ 4A81RS	92.0	•	•	9/29	4	1	45
MorSoy RTs4706N	90.7	78.1	•	9/23	2	1	43
Croplan Genetics RC4877	90.5	83.0	•	9/26	4	1	44
Croplan Genetics RC4757	90.3	78.8	•	9/28	4	1	37
Armor 49-V6	89.2	•	•	10/01	2	1	45
ASGROW DK4866	89.0	83.9	84.4	10/02	5	1	42
Croplan Genetics RC4908	88.3	•	•	10/01	4	1	43
USG 74A91	88.0	84.1	83.8	9/24	2	1	45
MorSoy RT4888N	87.5	•	•	10/01	4	1	42
Progeny 4918RR	87.1	•	•	9/28	3	1	42
Progeny 4807RR	85.8	83.3	•	9/25	4	1	44
Armor 47-F8	85.7	•	•	9/28	1	1	44
Delta Grow 4780RR	85.5	82.4	•	9/27	3	1	44
Pioneer 94Y70	85.0	•	•	9/30	2	1	40
USG 74F96	84.9	77.1	80.2	9/30	2	1	44
Delta Grow 4975RR	84.8	80.6	80.8	10/01	1	1	43
MorSoy RT4707N	84.2	79.1	•	9/29	2	1	47
USG 74A88	83.1	•	•	9/30	3	1	37
Delta Grow 4870RR	83.0	•	•	10/01	3	1	41
HBK R4727	82.5	81.6	•	10/02	4	1	46
Armor ARX4717	82.4	•	•	9/30	1	1	32
ASGROW AG4703	82.4	74.1	74.1	9/25	2	1	33
Delta King DK 4968	82.4	75.4	•	9/28	3	1	42
Delta King DK XTJ847	81.9	•	•	9/27	2	1	46
MorSoy RTs4955N	81.5	77.0	77.5	10/02	3	1	40
ASGROW AG4903	81.2	75.5	77.9	9/30	2	1	45
Progeny 4908RR	80.6	•	•	10/01	4	1	42
ASGROW AG4907	80.3	•	•	9/28	3	1	44
Dyna-Gro 36Y48	80.0	78.6	81.4	10/01	3	1	46
S04-4604	79.9	•	•	10/03	2	1	36
Terral TV49R19	79.9	•	•	10/02	1	2	44
Dyna-Gro 37P49	79.8	79.1	•	9/24	4	1	44
Delta King XTJ949	78.9	•	•	9/28	4	1	45
Progeny 4949RR	78.9	74.6	76.4	9/27	5	1	45
Schillinger 478.RCS	78.8	•	•	9/30	1	2	31
Delta Grow 4970RR	78.6	77.6	79.7	10/01	5	1	46
Pioneer 94B73	78.2	75.5	76.7	9/24	5	1	44

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9), continued							
Delta King DK 4995	78.1	•	•	10/01	4	1	47
USG 74F78	78.0	72.0	•	10/02	4	1	40
Eagle Seed ES 4818RR	77.8	•	•	10/01	3	1	43
HBK R4924	77.8	69.4	74.9	10/01	5	1	47
MorSoy RT4914N	77.6	75.1	76.8	10/02	5	1	44
Progeny 4906RR	77.5	77.8	80.0	9/28	5	1	43
Terral TV47R17	76.8	75.5	77.5	10/05	4	1	46
Progeny 4718RR	76.7	•	•	9/25	2	1	42
Delta King DK XTJ848	76.4	•	•	9/29	3	1	39
Croplan Genetics RC4955	75.1	74.1	78.2	9/28	5	1	50
Pioneer 94Y90	75.1	•	•	10/03	4	1	37
MorSoy RT4688N	75.0	•	•	9/26	2	1	35
Croplan Genetics RC4998	74.8	•	•	10/09	3	1	47
Terral TV47R18	74.7	•	•	9/30	5	1	41
Deltapine DP 4888RR/S	74.4	71.7	74.8	9/30	5	1	45
ASGROW AG4705	74.1	•	•	10/02	3	1	39
Delta Grow 4820RR	73.7	•	•	9/27	1	1	38
Progeny 4706RR	73.5	73.3	76.2	9/23	3	1	36
Delta Grow 4770RR	73.4	71.5	72.8	9/30	3	1	43
Schillinger 495.RC	72.9	76.2	76.9	10/01	5	1	42
Eagle Seed ES 4991RR	72.2	•	•	10/07	3	1	39
Eagle Seed ES XVT675RR	66.8	63.5	•	9/27	5	1	51
Eagle Seed ES 4906RR	58.7	•	•	9/30	1	1	39
GRAND MEAN	80.2	•	•	•	3	1	42
LSD (5%)	9.5	•	•	•	1	•	•
CV (%)	8.5	•	•	•	17	•	•

Maturity Group V (RM 5.0 to 5.3)

MorSoy RT5168N	84.5	•	•	10/06	2	1	44
Delta Grow 5170RR	80.9	•	•	10/06	2	1	36
S05-4678	80.1	•	•	10/10	2	1	45
Delta Grow 5280RR	79.5	•	•	10/08	1	1	31
ASGROW DK5068	79.2	•	•	10/03	5	1	42
Eagle Seed ES 5121RR	78.6	•	•	10/06	3	1	44
MorSoy RT5388N	78.6	•	•	10/08	1	1	31
HBK R5226	78.1	75.0	75.4	10/07	1	1	28
Croplan Genetics RC5007	77.9	71.6	•	10/07	1	1	33
Progeny 5115RR	77.7	72.5	71.7	10/06	2	1	42
MorSoy RT5288N	77.4	•	•	10/07	1	1	26
Armor GP-500	77.0	•	•	10/05	1	1	27
Delta King XTJ950	76.9	•	•	10/07	2	1	50
Progeny 5108RR	76.6	•	•	10/06	1	1	45
Delta Grow 5160RR/STS	75.4	73.0	71.2	10/04	2	1	38
Dyna-Gro 33B52	75.2	76.3	75.8	10/09	2	1	28
Progeny 5107RR	74.9	65.3	•	10/08	2	1	45
Delta Grow 5300RR	74.8	•	•	10/07	1	1	30
Dyna-Gro 32A53	73.2	76.9	•	10/07	1	1	31
Progeny 5218RR	73.2	•	•	10/07	2	1	26
Progeny 5208RR	72.5	•	•	10/06	4	1	38

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V (RM 5.0 to 5.3), continued							
Terral TV52R28	72.5	•	•	10/07	3	1	36
Crows C5015R	72.1	•	•	10/06	2	1	43
Progeny 5308RR	70.6	•	•	10/10	1	1	30
HBK RS5227	69.5	67.0	•	10/11	1	1	34
Croplan Genetics RC5222	69.2	67.5	70.3	10/07	1	1	31
NC+ 5A31RS	68.1	•	•	10/12	1	1	46
GRAND MEAN	75.7	•	•	•	2	1	36
LSD (5%)	6.4	•	•	•	1	•	•
CV (%)	6.0	•	•	•	20	•	•

Soil Series Sharkey silty clay
 Previous Crop Soybean
 Row Width Four 10-inch rows on two 38-inch beds
 Planting Date 5/7
 Herbicide Application(s) Roundup 6/1, 6/23
 Irrigation Dates 6/19, 7/01, 7/10, 7/22, 7/31
 Harvest Dates MG 3 9/26; MG 4E 9/29; MG 4L 10/13; MG 5 10/14

	Precipitation (inches)						
	April	May	June	July	August	September	Total
2008	8.0	5.6	0.7	1.8	4.1	5.2	25.3
Average	4.9	5.2	4.0	3.7	2.8	3.9	24.5
Departure	3.1	0.4	-3.4	-1.9	1.3	1.3	0.8

**Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars,
Lon Mann Cotton Research Station, Marianna, AR, 2008.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group III (RM 3.5 to 3.9)							
HBK R3927	96.8	79.3	•	9/12	3	1	40
S04-3924	90.7	•	•	9/10	1	1	35
S04-20912	88.7	•	•	8/30	2	1	33
Progeny 3906RR	82.6	•	•	8/30	1	1	32
ASGROW AG3906	82.0	73.9	70.5	9/02	1	1	31
Armor 39-K4	80.9	70.7	71.1	9/01	3	1	40
HBK R3824	79.4	71.7	68.7	9/12	2	1	34
GRAND MEAN	85.9	•	•	•	2	1	35
LSD (5%)	10.5	•	•	•	1	•	•
CV (%)	8.2	•	•	•	28	•	•
Maturity Group IV Early (RM 4.0 to 4.6)							
Progeny 4508RR	87.5	•	•	9/11	2	1	35
MorSoy RT4485N	86.9	77.6	78.1	9/07	2	1	40
USG 74A45	86.2	•	•	9/10	2	1	37
Dyna-Gro 37A44	85.8	77.8	78.2	9/06	2	2	36
ASGROW AG4405	84.8	74.7	•	9/04	1	1	26
Delta Grow 4150RR	83.3	71.5	72.7	9/12	2	1	37
Delta Grow 4460RR	82.9	72.8	74.6	9/10	2	1	43
Croplan Genetics RC4455	82.1	76.6	•	9/08	2	2	35
Terral TV44R27	81.9	74.0	72.8	9/08	2	2	39
Progeny 4405RR	81.2	•	•	9/08	3	1	40
Armor ARX4560	81.0	•	•	9/11	2	1	35
Crows C4519R	80.6	•	•	9/12	2	1	36
ASGROW AG4605	80.4	•	•	9/10	1	2	29
MPG 48-2nRR	80.2	•	•	9/10	1	1	35
USG 74A27	80.2	72.8	•	8/30	1	1	28
Pioneer 94Y60	79.9	•	•	9/11	1	1	34
Armor 42-M1	79.8	•	•	9/07	1	1	30
Schillinger 458.RCS	79.2	•	•	9/10	1	1	27
MorSoy RTs4488N	78.0	•	•	9/12	1	1	25
ASGROW AG 4303	77.7	•	•	9/12	1	1	28
Delta King DK 4667	77.7	71.3	72.3	9/07	3	1	42
NC+ 4A15RS	76.7	•	•	9/01	1	1	33
Terral TV45R18	76.1	•	•	9/08	2	2	38
ASGROW AG4606	75.8	•	•	9/11	1	1	31
Croplan Genetics RC4417	75.6	71.6	•	9/04	2	1	39
MorSoy RTs4556N	74.1	67.4	•	9/10	1	1	33
Delta Grow 4470RR/STS	73.9	73.3	•	9/10	1	1	26
Schillinger 457.RCP	73.7	68.7	•	9/08	2	1	37
USG 74E68	73.6	•	•	9/01	2	1	35
Progeny 4408RR	73.3	•	•	9/08	1	1	27
Crows C4142R	73.2	•	•	9/10	1	1	31
Dyna-Gro 33Y45	73.0	•	•	9/13	1	1	24
Delta Grow 4660RR	72.9	64.5	64.1	9/10	3	1	41
ASGROW DKB46-51	72.4	71.9	70.9	9/09	1	1	29
Progeny 4206RR	72.0	73.0	79.6	9/03	1	2	29
Dyna-Gro 37F46	71.3	67.0	68.4	9/08	3	1	40
Croplan Genetics RC4207	71.2	•	•	9/06	1	1	31

**Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars,
Lon Mann Cotton Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6), continued							
Deltapine DP 4546RR	71.0	63.8	66.8	9/11	2	1	41
Delta King DK XTJ946	69.3	•	•	9/12	1	1	40
Terral TV46R19	68.6	•	•	9/10	1	1	36
HBK R4527	68.4	64.5	•	9/10	2	1	43
USG 74H48	67.9	•	•	9/08	1	1	38
Dyna-Gro 32R46	63.1	65.7	•	9/10	1	1	27
Progeny 4606RR	59.3	63.9	68.8	9/09	1	1	25
GRAND MEAN	76.5	•	•	•	2	1	34
LSD (5%)	9.9	•	•	•	1	1	•
CV (%)	9.3	•	•	•	28	30	•
Maturity Group IV Late (RM 4.7 to 4.9)							
Delta King DK XTJ848	89.0	•	•	9/10	2	1	40
Dyna-Gro 37P49	81.0	74.2	•	9/17	2	1	28
MorSoy RT4914N	80.9	67.1	71.9	9/13	3	1	46
Eagle Seed ES 4906RR	80.3	•	•	9/12	1	2	28
ASGROW AG4705	79.2	•	•	9/09	2	2	33
USG 74A91	79.0	69.9	74.2	9/12	2	2	38
MorSoy RT4707N	78.9	68.4	•	9/10	2	2	34
ASGROW DK4866	78.6	69.1	74.6	9/09	2	1	42
MorSoy RTs4955N	78.0	71.4	75.6	9/13	2	1	37
ASGROW AG4907	77.0	•	•	9/13	1	1	32
Pioneer 94Y70	77.0	•	•	9/12	1	2	34
Armor 49-V6	76.9	•	•	9/11	2	1	43
Progeny 4706RR	76.6	70.5	74.3	9/12	2	1	32
Deltapine DP 4888RR/S	76.5	64.8	68.6	9/12	2	2	42
NC+ 4A81RS	76.5	•	•	9/11	2	1	37
ASGROW AG4703	76.2	66.6	70.8	9/09	1	1	30
Delta King DK XTJ949	75.9	•	•	9/13	2	1	35
Delta Grow 4970RR	75.9	68.2	72.9	9/13	3	1	39
Delta Grow 4780RR	75.0	63.4	68.1	9/12	2	1	37
S04-4604	74.6	65.1	•	9/15	2	1	38
Eagle Seed ES 4818RR	74.3	•	•	9/10	3	1	32
USG 74F96	74.0	•	•	9/14	2	2	44
HBK R4727	74.0	65.5	71.3	9/10	1	1	39
ASGROW AG4903	73.4	64.0	•	9/13	1	2	35
Armor ARX4717	73.3	66.4	71.0	9/13	1	1	37
Croplan Genetics RC4877	72.9	•	•	9/12	1	1	30
Dyna-Gro 36Y48	72.9	63.4	•	9/14	2	1	35
Delta Grow 4975RR	72.7	67.7	73.8	9/13	1	1	37
Delta Grow 4820RR	72.6	71.5	75.9	9/11	1	1	34
Terral TV49R19	72.0	•	•	9/15	2	2	33
Croplan Genetics RC4955	71.5	•	•	9/13	2	1	36
Progeny 4807RR	71.0	60.6	62.4	9/12	2	2	42
Croplan Genetics RC4908	70.5	63.1	•	9/10	1	2	36
Delta King DK 4968	70.0	•	•	9/10	2	1	35
Eagle Seed ES 4991RR	69.8	60.0	•	9/14	2	1	36
HBK R4924	69.0	•	•	9/13	2	1	35
MorSoy RT4688N	68.7	•	•	9/09	2	1	33
Progeny 4949RR	67.4	61.8	66.8	9/13	2	1	40
Terral TV47R18	67.1	•	•	9/11	1	2	40

**Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars,
Lon Mann Cotton Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9), continued							
Delta Grow 4770RR	67.0	64.4	68.4	9/07	2	2	34
Croplan Genetics RC4998	66.9	•	•	9/19	2	1	32
Delta King DK XTJ847	66.9	•	•	9/14	2	2	35
Progeny 4906RR	66.6	66.5	73.4	9/13	2	1	37
USG 74A88	65.9	•	•	9/12	1	1	34
Armor 47-F8	65.6	•	•	9/12	1	1	29
Progeny 4908RR	64.7	•	•	9/12	2	1	39
Delta Grow 4870RR	64.3	•	•	9/12	1	1	30
Schillinger 478.RCS	64.3	•	•	9/11	1	2	34
Progeny 4718RR	63.5	•	•	9/09	1	1	31
MorSoy RTs4706N	62.9	64.0	70.4	9/08	1	1	26
USG 74F78	62.7	56.6	•	9/12	1	1	32
MorSoy RT4888N	62.2	•	•	9/12	1	2	33
Terral TV47R17	61.2	56.0	60.6	9/14	2	2	41
Schillinger 495.RC	60.9	55.3	59.7	9/13	2	1	36
Pioneer 94Y90	60.7	•	•	9/10	1	1	36
Croplan Genetics RC4757	59.0	56.3	•	9/11	1	1	29
Eagle Seed ES XVT675RR	56.1	52.6	•	9/13	3	1	50
Pioneer 94B73	55.2	57.8	65.3	9/11	1	2	29
Delta King DK4995	53.0	•	•	9/13	2	1	36
Progeny 4918RR	49.4	•	•	9/12	1	2	35
GRAND MEAN	70.3	•	•	•	•	1	36
LSD (5%)	11.3	•	•	•	•	1	•
CV (%)	11.5	•	•	•	•	35	•

Maturity Group V (RM 5.0 to 5.3)

ASGROW DK5068	79.0	•	•	9/12	1	1	37
MorSoy RT5168N	78.4	•	•	9/17	1	1	38
S05-4678	75.0	•	•	9/18	2	1	37
Delta Grow 5160RR/STS	72.3	68.0	73.7	9/14	1	2	33
Progeny 5115RR	71.5	69.6	71.2	9/12	1	1	42
Progeny 5208RR	69.3	•	•	9/17	1	1	43
Crows C5015R	69.1	•	•	9/15	2	2	42
Dyna-Gro 33B52	67.9	61.3	64.5	9/17	1	1	30
Progeny 5108RR	62.7	•	•	9/13	1	3	42
MorSoy RT5388N	61.0	•	•	9/26	1	1	29
Croplan Genetics RC5222	60.5	61.4	65.6	9/14	1	1	30
Progeny 5107RR	59.3	55.2	•	9/17	2	1	33
Delta Grow 5300RR	59.1	•	•	9/14	1	1	30
Progeny 5218RR	58.6	•	•	9/15	1	1	28
NC+ 5A31RS	57.5	•	•	9/23	2	1	37
Delta King DK XTJ950	57.1	•	•	9/13	1	1	39
HBK RS5227	57.1	60.2	•	9/16	1	1	27
Croplan Genetics RC5007	57.0	56.5	•	9/14	1	1	33
Delta Grow 5170RR	54.9	•	•	9/15	1	2	27
Terral TV52R28	53.8	•	•	9/17	1	1	32
Eagle Seed ES 5121RR	53.0	•	•	9/19	1	2	35

**Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars,
Lon Mann Cotton Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V (RM 5.0 to 5.3), continued							
Delta Grow 5280RR	52.6	•	•	9/15	1	1	31
Dyna-Gro 32A53	52.2	56.5	•	9/19	1	2	26
HBK R5226	51.6	53.1	57.7	9/19	1	1	31
Progeny 5308RR	51.4	•	•	9/19	1	1	25
Armor GP-500	50.6	•	•	9/17	1	1	23
MorSoy RT5288N	49.9	•	•	9/15	1	1	30
GRAND MEAN	60.8	•	•	•	1	1	33
LSD (5%)	11.0	•	•	•	•	1	•
CV (%)	12.8	•	•	•	26	31	•

Soil Series Calloway silt loam
 Previous Crop Soybeans
 Row Width 30 inches
 Fertilizer Application(s) 0-0-100 3/25
 Planting Date 5/7
 Herbicide Application(s) Roundup 5/23, 6/10; Flexstar 6/11
 Insecticide Application(s) Karate 8/16
 Irrigation Dates 6/21, 6/27, 7/2, 7/17, 7/24
 Harvest Dates MG 3 9/17; MG 4E 9/19; MG 4L 9/26; MG 5 9/29

	Precipitation (inches)						Total
	April	May	June	July	August	September	
2008	11.0	3.9	1.5	2.1	6	2.6	27.1
Average	5.4	5.2	3.4	4.0	3	4.0	24.8
Departure	5.6	-1.3	-1.9	-1.9	3	-1.4	2.3

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group III (RM 3.5 to 3.9)							
S04-3924	65.2	•	•	8/27	2	1	33
Progeny 3906RR	64.8	•	•	8/22	2	1	32
ASGROW AG3906	62.7	67.3	66.8	8/25	2	1	32
HBK R3824	61.7	65.2	64.0	9/01	2	1	35
Armor 39-K4	58.3	65.5	65.1	8/18	3	1	40
HBK R3927	57.5	63.1	•	8/29	3	1	43
S04-20912	57.0	•	•	8/29	2	1	30
GRAND MEAN	61.0	•	•	•	2	1	35
LSD (5%)	9.1	•	•	•	1	•	•
CV (%)	10.0	•	•	•	23	•	•
Maturity Group IV Early (RM 4.0 to 4.6)							
MorSoy RTs4488N	87.1	•	•	9/01	1	1	32
Pioneer 94Y60	81.6	•	•	8/29	1	1	34
USG 74A27	80.2	74.3	74.3	8/27	1	1	32
MorSoy RT4485N	79.5	69.4	66.6	9/01	2	1	41
ASGROW AG4605	78.8	•	•	9/03	1	1	32
Delta Grow 4150RR	78.7	71.3	68.3	8/29	1	1	36
Dyna-Gro 32R46	78.7	72.1	•	9/03	1	1	39
Progeny 4408RR	78.3	•	•	9/03	1	1	29
Dyna-Gro 33Y45	76.5	•	•	9/03	1	1	37
Schillinger 457.RCP	75.7	69.7	•	8/29	2	1	39
Delta Grow 4470RR/STS	74.9	74.4	•	9/01	1	1	29
MorSoy RTs4556N	74.9	71.8	•	9/01	1	1	39
ASGROW AG4405	74.6	68.6	•	8/29	1	1	37
Crows C4142R	74.5	•	•	8/29	1	1	43
Armor 42-M1	74.4	•	•	8/25	1	1	35
Croplan Genetics RC4417	74.4	74.9	•	8/27	2	1	39
ASGROW AG 4303	74.3	•	•	8/29	1	1	31
Dyna-Gro 37A44	72.9	67.1	67.1	8/29	2	1	35
Progeny 4606RR	72.2	69.0	67.8	9/03	1	1	35
Progeny 4206RR	71.9	74.2	69.7	8/29	1	1	34
Terral TV45R18	71.7	•	•	9/03	2	1	43
Armor ARX4560	71.6	•	•	9/03	2	1	37
NC+ 4A15RS	70.9	•	•	8/27	1	1	33
ASGROW DKB46-51	70.8	68.4	64.7	9/01	2	1	36
MPG 48-2nRR	70.5	•	•	8/29	2	1	40
ASGROW AG4606	70.2	•	•	9/03	1	1	36
Croplan Genetics RC4207	70.2	•	•	8/27	1	1	35
Schillinger 458.RCS	69.7	•	•	9/05	1	1	37
Progeny 4405RR	69.4	•	•	8/29	2	1	45
Croplan Genetics RC4455	68.9	64.8	•	9/03	2	1	42
Delta Grow 4460RR	68.3	66.3	64.9	8/29	2	1	44
Dyna-Gro 37F46	68.0	62.7	62.9	9/01	3	1	40
Delta King DK 4667	67.2	59.1	59.6	9/01	3	1	45
Crows C4519R	67.1	•	•	8/29	2	1	35
Terral TV44R27	66.2	67.4	64.8	9/01	2	1	49

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6), continued</u>							
Delta Grow 4660RR	66.1	61.2	61.1	9/01	3	1	42
HBK R4527	64.9	63.4	•	9/01	3	1	47
Progeny 4508RR	62.9	•	•	9/03	2	1	42
Deltapine DP 4546RR	60.2	58.5	59.9	9/03	2	1	40
Delta King DK XTJ946	59.3	•	•	9/01	3	1	43
Terral TV46R19	54.2	•	•	9/01	3	1	40
USG 74A45	67.5	•	•	8/29	3	1	40
USG 74E68	76.2	•	•	8/27	1	1	40
USG 74H48	69.4	•	•	9/03	2	1	36
GRAND MEAN	71.7	•	•	•	2	1	38
LSD (5%)	6.0	•	•	•	1	•	•
CV (%)	6.0	•	•	•	29	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

HBK R4727	78.2	71.8	•	9/01	1	1	9
Delta Grow 4780RR	78.0	72.5	•	9/03	2	1	11
Pioneer 94Y90	76.3	•	•	9/05	2	1	9
Croplan Genetics RC4877	75.7	71.8	•	9/01	1	1	11
Croplan Genetics RC4757	75.1	72.2	•	9/01	3	1	10
ASGROW AG4705	74.0	•	•	8/29	1	1	10
MorSoy RT4707N	73.8	71.0	•	9/03	2	1	11
Progeny 4807RR	73.6	70.5	•	9/03	2	1	11
Pioneer 94Y70	72.8	•	•	8/27	1	1	9
Progeny 4918RR	72.7	•	•	9/03	2	1	10
Armor ARX4717	72.5	•	•	9/08	3	1	11
Delta Grow 4870RR	71.7	•	•	9/03	3	1	12
MorSoy RT4888N	71.1	•	•	9/05	3	1	11
Progeny 4906RR	71.0	66.6	66.1	9/10	2	1	9
ASGROW AG4903	70.7	67.2	67.8	9/10	2	1	13
Pioneer 94B73	70.6	71.7	65.9	9/17	2	1	9
HBK R4924	69.8	69.1	70.2	9/08	2	1	7
Deltapine DP 4888RR/S	69.7	66.1	65.6	9/03	4	1	10
Armor 47-F8	69.5	•	•	9/03	2	1	11
Delta Grow 4770RR	69.1	65.9	64.4	8/25	3	1	10
ASGROW AG4907	68.8	•	•	8/29	2	1	13
MorSoy RTs4955N	68.6	66.2	65.5	9/10	1	1	10
Croplan Genetics RC4908	68.3	•	•	9/03	3	1	10
NC+ 4A81RS	68.3	•	•	9/05	3	1	11
USG 74A88	68.3	•	•	9/05	2	1	10
MorSoy RT4688N	68.2	•	•	8/29	3	1	10
Schillinger 478.RCS	68.1	•	•	9/08	2	1	10
MorSoy RT4914N	67.9	69.3	68.2	9/05	3	1	9
Delta King DK XTJ847	67.5	•	•	9/03	2	1	10
Croplan Genetics RC4955	67.3	60.5	61.3	9/10	2	1	11
Delta Grow 4820RR	67.2	•	•	9/01	3	1	12
Progeny 4706RR	67.1	66.9	64.4	8/29	1	1	9

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year 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 74F78	67.0	68.5	•	9/03	3	1	11
ASGROW AG4703	66.9	67.3	66.0	8/29	1	1	9
S04-4604	66.9	•	•	9/10	2	1	9
Progeny 4949RR	66.7	65.1	66.5	9/05	2	1	10
Progeny 4908RR	66.5	•	•	9/05	4	1	10
Delta King DK XTJ848	65.8	•	•	8/29	2	1	9
Progeny 4718RR	65.5	•	•	9/01	3	1	10
Dyna-Gro 37P49	64.8	64.5	•	9/03	2	1	11
Eagle Seed ES 4818RR	64.7	•	•	9/10	3	1	10
Delta Grow 4970RR	64.1	63.6	64.4	9/05	2	1	10
Delta Grow 4975RR	64.1	63.6	64.2	9/08	2	1	10
Armor 49-V6	63.9	•	•	9/05	2	1	10
Eagle Seed ES 4991RR	63.8	•	•	9/10	1	1	9
ASGROW DK4866	63.7	63.5	65.2	9/05	2	1	9
Dyna-Gro 36Y48	63.5	64.5	64.0	9/10	2	1	11
Terral TV49R19	63.5	•	•	9/10	2	1	9
Delta King DK 4995	63.1	•	•	9/08	2	1	9
Schillinger 495.RC	63.0	62.2	63.1	9/03	3	1	11
USG 74F96	62.7	59.9	62.3	9/10	2	1	9
Eagle Seed ES 4906RR	61.5	•	•	9/01	2	1	11
Terral TV47R17	61.4	58.1	58.6	9/17	2	1	9
Croplan Genetics RC4998	60.9	•	•	9/19	3	1	9
MorSoy RTs4706N	60.9	63.2	64.9	9/05	3	1	10
Delta King DK 4968	60.8	64.8	•	9/05	1	1	11
USG 74A91	60.5	61.9	62.4	9/05	2	1	10
Terral TV47R18	55.3	•	•	9/15	2	1	11
Delta King XTJ949	55.2	•	•	9/10	1	1	9
Eagle Seed ES XVT675RR	45.8	49.2	•	9/15	2	1	11
GRAND MEAN	67.1	•	•	•	2	1	10
LSD (5%)	5.7	•	•	•	1	•	3
CV (%)	6.1	•	•	•	29	•	21

Maturity Group V (RM 5.0 to 5.3)

HBK RS5227	64.9	66.2	•	9/12	1	1	28
Delta Grow 5160RR/STS	63.1	63.5	63.1	9/10	5	1	42
MorSoy RT5388N	60.2	•	•	9/15	1	1	32
NC+ 5A31RS	59.7	•	•	9/19	2	1	45
ASGROW DK5068	59.2	•	•	9/08	5	1	41
Delta Grow 5300RR	58.9	•	•	9/15	1	1	32
MorSoy RT5168N	57.8	•	•	9/10	4	1	41
Croplan Genetics RC5222	56.2	63.3	65.2	9/12	2	1	32
Delta Grow 5170RR	56.0	•	•	9/08	1	1	33
Armor GP-500	55.7	•	•	9/10	1	1	28
Progeny 5115RR	54.2	55.0	56.7	9/15	4	1	40
Croplan Genetics RC5007	53.6	56.8	•	9/12	1	1	35
Crows C5015R	52.7	•	•	9/08	5	1	43
S05-4678	51.6	•	•	9/17	4	1	43
Terral TV52R28	50.6	•	•	9/15	2	1	30
Progeny 5208RR	49.9	•	•	9/15	2	1	42
Progeny 5308RR	49.5	•	•	9/12	1	1	28

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V (RM 5.0 to 5.3), continued							
MorSoy RT5288N	49.0	•	•	9/15	1	1	29
Progeny 5218RR	48.9	•	•	9/19	1	1	31
Progeny 5108RR	47.1	•	•	9/08	3	1	46
HBK R5226	47.0	54.9	55.2	9/19	1	1	28
Delta Grow 5280RR	46.6	•	•	9/15	1	1	27
Dyna-Gro 33B52	46.5	50.1	55.2	9/10	2	1	27
Eagle Seed ES 5121RR	44.6	•	•	9/12	4	1	50
Delta King DK XTJ950	43.5	•	•	9/12	3	1	46
Dyna-Gro 32A53	41.7	51.0	•	9/10	1	1	32
Progeny 5107RR	37.2	44.8	•	9/08	5	1	43
GRAND MEAN	52.1	•	•	•	2	1	36
LSD (5%)	6.3	•	•	•	1	•	•
CV (%)	8.6	•	•	•	26	•	•

Soil Series Sharkey Desha silt loam
 Previous Crop Grain Sorghum
 Row Width 19 inches
 Fertilizer Application(s) 0-60-0 6/4
 Planting Date 4/22
 Herbicide Application(s) Roundup Power Max 5/7, 5/29, 6/20
 Insecticide Application(s) Mustang Max 5/29
 Irrigation Dates 6/9, 6/21, 7/8, 7/16, 7/30
 Harvest Dates MG 3, 9/12; MG 4E, 9/12; MG 4L, 9/15; MG 5, 9/26

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008		7.8	4.2	3.5	1.6	9.2	9.2	35.5
Average		5.0	4.7	3.5	3.9	2.7	3.1	22.9
Departure		2.8	-0.5	0.0	-2.3	6.5	6.1	12.6

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Lodging Score	Shatter Score	Plant Height
.....bu./A.....						
Maturity Group III (RM 3.5 to 3.9)						
HBK R3824	75.2	70.0	67.4	2	1	27
S04-20912	66.5	•	•	1	2	26
S04-3924	65.1	•	•	1	3	25
HBK R3927	63.3	66.2	•	3	1	32
Progeny 3906RR	56.7	•	•	1	3	23
ASGROW AG3906	55.0	69.7	68.8	1	2	22
Armor 39-K4	51.6	64.0	64.0	2	2	28
GRAND MEAN	61.9	•	•	2	2	26
LSD (5%)	11.1	•	•	1	1	•
CV (%)	12.0	•	•	25	31	•
Maturity Group IV Early (RM 4.0 to 4.6)						
ASGROW DKB46-51	94.3	85.9 ¹	• ²	2	1	28
Dyna-Gro 32R46	91.4	•	•	1	1	24
USG 74H48	88.9	•	•	1	2	29
Dyna-Gro 37A44	86.7	76.4	•	2	1	33
Progeny 4606RR	86.3	73.8	•	1	1	24
Dyna-Gro 33Y45	85.4	•	•	1	1	26
HBK R4527	85.2	•	•	2	1	33
Schillinger 458.RCS	84.9	•	•	1	1	28
Progeny 4508RR	84.4	•	•	2	1	29
Armor ARX4560	84.4	•	•	2	1	29
Progeny 4405RR	84.2	•	•	3	1	38
Croplan Genetics RC4455	84.1	•	•	2	1	33
USG 74A45	83.4	•	•	2	2	33
Schillinger 457.RCP	83.3	•	•	3	1	34
MorSoy RT4485N	82.9	78.9	•	2	1	34
Crows C4142R	82.8	•	•	2	1	29
Delta Grow 4460RR	82.6	73.7	•	3	1	36
Terral TV46R19	82.5	•	•	1	1	31
MorSoy RTs4556N	82.4	•	•	1	2	26
Pioneer 94Y60	82.3	•	•	1	1	24
Terral TV44R27	82.1	71.0	•	2	1	35
Terral TV44R28	82.1	71.0	•	2	1	35
Terral TV44R29	82.1	71.0	•	2	1	35
Terral TV44R30	82.1	71.0	•	2	1	35
Terral TV44R31	82.1	71.0	•	2	1	35
MPG 48-2nRR	79.8	•	•	2	1	31
Delta King DK XTJ946	78.8	•	•	2	1	32
ASGROW AG4606	78.2	•	•	1	1	26
Delta Grow 4470RR/STS	77.6	•	•	1	2	22
Armor 42-M1	77.4	•	•	1	1	26
Croplan Genetics RC4207	76.9	•	•	1	2	26
MorSoy RTs4488N	76.3	•	•	1	2	22
Deltapine DP 4546RR	76.1	75.5	•	2	1	29
Delta King DK 4667	75.4	74.7	•	3	1	35
Dyna-Gro 37F46	75.3	72.7	•	3	1	35
NC+ 4A15RS	74.3	•	•	1	1	25
Delta Grow 4660RR	72.9	70.1	•	3	1	35
Progeny 4206RR	72.1	68.2	•	1	2	24
Terral TV45R18	71.9	•	•	2	1	32
Progeny 4408RR	71.3	•	•	1	2	24

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Lodging Score	Shatter Score	Plant Height
.....bu./A.....						
<u>Maturity Group IV Early (RM 4.0 to 4.6), continued</u>						
USG 74E68	71.1	•	•	1	2	27
USG 74A27	69.8	•	•	1	2	22
Croplan Genetics RC4417	69.5	•	•	2	2	30
ASGROW AG 4303	68.6	•	•	1	3	23
GRAND MEAN	79.9	•	•	2	1	29
LSD (5%)	7.9	•	•	1	1	•
CV (%)	7.0	•	•	24	29	15

Maturity Group IV Late (RM 4.7 to 4.9)

NC+ 4A81RS	107.9	•	•	1	1	25
ASGROW DK4866	105.0	96.7	86.5	2	1	28
USG 74A88	103.7	•	•	2	1	28
MorSoy RT4707N	102.9	93.1	•	2	1	29
Delta Grow 4870RR	102.2	•	•	3	1	28
Progeny 4918RR	102.0	•	•	3	1	28
Croplan Genetics RC4877	100.4	95.6	•	2	2	29
Croplan Genetics RC4757	99.8	87.5	•	1	1	25
ASGROW AG4703	99.5	86.1	82.1	2	1	25
Croplan Genetics RC4908	99.1	•	•	3	1	30
Progeny 4906RR	97.8	92.5	85.2	3	1	31
Croplan Genetics RC4998	97.5	•	•	3	1	30
HBK R4727	97.3	97.3	•	2	1	29
ASGROW AG4903	97.3	94.3	87.2	2	1	27
ASGROW AG4907	95.4	•	•	2	1	30
Delta Grow 4780RR	95.3	90.6	•	2	1	28
Delta King DK 4995	95.1	•	•	3	1	36
HBK R4924	95.1	90.2	84.4	4	1	36
Dyna-Gro 36Y48	94.7	88.9	83.0	3	1	27
Delta King DK XTJ949	94.6	•	•	2	1	29
Progeny 4706RR	94.3	83.1	80.2	2	1	26
Pioneer 94Y90	94.2	•	•	1	1	26
Deltapine DP 4888RR/S	93.7	87.1	82.7	2	1	31
Progeny 4807RR	93.6	94.2	•	1	1	22
Dyna-Gro 37P49	93.3	89.8	•	3	1	29
Terral TV47R17	93.3	79.7	78.6	4	1	37
Armor 49-V6	92.9	•	•	2	1	32
Eagle Seed ES 4906RR	92.9	•	•	1	1	26
Pioneer 94B73	92.9	82.6	76.7	4	2	32
MorSoy RT4888N	92.8	•	•	2	1	31
Croplan Genetics RC4955	92.2	90.6	83.0	3	1	35
MorSoy RTs4706N	91.2	87.0	86.3	1	1	22
Delta Grow 4975RR	90.9	89.2	85.1	2	1	27
Eagle Seed ES 4818RR	90.7	•	•	3	1	34
Delta King DK XTJ847	90.7	•	•	2	1	28
Eagle Seed ES 4991RR	90.4	•	•	2	1	33
Armor 47-F8	89.2	•	•	1	1	23
Schillinger 478.RCS	89.1	•	•	2	2	27
MorSoy RTs4955N	88.9	86.2	80.9	3	1	31
Progeny 4718RR	88.8	•	•	2	1	24
Delta Grow 4770RR	88.0	77.3	74.1	2	2	29

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Lodging Score	Shatter Score	Plant Height
.....bu./A.....						
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued</u>						
Pioneer 94Y70	87.7	•	•	2	2	28
USG 74F96	87.7	83.3	79.7	3	1	32
USG 74F78	87.4	84.2	•	2	1	25
MorSoy RT4914N	87.3	81.1	79.8	4	2	32
ASGROW AG4705	87.3	•	•	4	2	28
Delta Grow 4820RR	86.9	•	•	1	1	26
Schillinger 495.RC	86.8	85.4	81.7	4	2	36
MorSoy RT4688N	86.5	•	•	1	1	27
USG 74A91	85.7	84.5	80.4	3	1	33
Terral TV49R19	85.3	•	•	1	1	27
Delta King DK XTJ848	85.2	•	•	4	1	35
S04-4604	85.2	•	•	3	1	32
Delta Grow 4970RR	84.5	81.8	77.8	4	1	34
Progeny 4949RR	83.0	78.5	75.1	3	2	33
Eagle Seed ES XV7675RR	82.3	84.8	•	3	1	32
Terral TV47R18	82.0	•	•	3	2	30
Armor ARX4717	80.5	•	•	1	1	25
Progeny 4908RR	80.3	•	•	3	1	26
Delta King DK 4968	78.6	79.5	•	5	2	30
GRAND MEAN	91.9	•	•	2	1	29
LSD (5%)	11.4	•	•	1	•	•
CV (%)	8.9	•	•	26	28	12

Maturity Group V (RM 5.0 to 5.3)

Delta Grow 5170RR	98.9	•	•	1	1	22
MorSoy RT5388N	95.1	•	•	1	1	20
Progeny 5308RR	93.2	•	•	1	1	22
Progeny 5218RR	91.5	•	•	1	1	21
Progeny 5208RR	89.9	•	•	2	1	21
MorSoy RT5168N	89.0	•	•	2	1	30
HBK R5226	88.8	84.8	75.4	1	1	20
ASGROW DK5068	87.4	•	•	2	1	31
S05-4678	87.0	•	•	2	1	34
Progeny 5108RR	86.0	•	•	2	2	34
Delta Grow 5160RR/STS	84.8	72.9	69.6	2	1	29
Delta King XTJ950	84.8	•	•	1	1	28
NC+ 5A31RS	84.5	•	•	2	1	31
Croplan Genetics RC5007	82.8	76.9	•	2	1	28
Croplan Genetics RC5222	82.5	75.1	73.7	1	1	21
MorSoy RT5288N	82.5	•	•	2	1	19
Delta Grow 5280RR	81.5	•	•	2	1	22
HBK RS5227	81.3	70.2	•	1	1	21
Delta Grow 5300RR	81.3	•	•	1	1	23
Progeny 5115RR	81.1	74.2	69.0	3	1	32
Dyna-Gro 32A53	79.4	74.7	•	3	1	21
Eagle Seed ES 5121RR	79.1	•	•	4	1	35

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Lodging Score	Shatter Score	Plant Height
.....bu./A.....						
Progeny 5107RR	78.5	67.2	•	3	1	29
Crows C5015R	75.1	•	•	3	2	31
Terral TV52R28	74.9	•	•	3	1	25
Armor GP-500	71.9	•	•	1	1	22
Dyna-Gro 33B52	70.7	68.2	65.7	1	1	17
GRAND MEAN	83.8	•	•	2	1	26
LSD (5%)	11.9	•	•	1	•	•
CV (%)	10.1	•	•	26	•	•

¹Average yield for 2006 and 2008.

²This test was initiated in 2006, but this test was discarded in 2007. Therefore, there are no 3-year averages.

Soil Series Henry silt loam
 Previous Crop Rice
 Row Width 15 inches
 Fertilizer Application(s) 0-27-75
 Planting Date 5/5
 Herbicide Application(s) Glyphos Xtra + Resource 7/1, Glyphos Xtra 7/20
 Irrigation Dates 8/16
 Harvest Dates MG 3 10/20; MG 4E 10/21; MG4L 10/22; MG 5 10/22

		Precipitation (inches)					
		May	June	July	August	September	Total
2008		1.8	1.4	5.1	2.0	1.8	12.0

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹.

Variety/Experimental Line	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Locations Average
.....bu./A.....								
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>								
AgVenture AV 46J5NNR	62.7	50.8	83.7	61.0	40.0	51.1	72.4	59.6
AgVenture AV 46P1RR	59.6	52.8	78.6	70.8	41.7	51.4	74.7	60.7
Armor 42-M1	69.3	49.2	89.9	69.2	37.8	52.1	79.6	63.1
Armor 44-K6	66.2	52.8	91.8	66.0	43.3	54.1	78.9	64.0
Armor ARX4560	67.3	56.9	76.7	67.0	49.1	57.8	71.9	63.4
ASGROW AG 4303	68.4	53.8	93.2	61.4	41.4	54.5	77.3	63.6
ASGROW AG 4405	60.6	53.7	86.3	69.4	46.1	53.4	77.9	63.2
ASGROW AG 4605	66.8	53.6	85.6	74.4	50.2	56.9	80.0	66.1
ASGROW AG 4606	63.3	53.9	86.3	77.6	47.7	54.9	81.9	65.7
ASGROW DKB 46-51	68.2	52.1	81.2	69.3	47.1	55.8	75.3	63.6
Delta Grow 4460RR	64.7	59.6	86.8	69.5	39.8	54.7	78.1	64.1
Delta Grow 4660RR	60.7	50.8	69.4	64.5	42.6	51.4	67.0	57.6
Delta King DK XTJ946	56.6	52.8	65.6	63.4	47.8	52.4	64.5	57.3
Delta King DK 4667	66.8	56.7	73.5	64.8	47.7	57.1	69.1	61.9
Deltapine DP 4546RR	56.3	51.5	67.5	62.6	42.9	50.2	65.0	56.1
Dyna-Gro 32R46	67.1	52.9	75.6	67.8	48.6	56.2	71.7	62.4
Dyna-Gro 33Y45	64.9	50.4	81.2	71.1	47.0	54.1	76.1	62.9
Dyna-Gro 36C44	62.5	53.5	87.8	69.1	34.6	50.2	78.4	61.5
Dyna-Gro 37A44	66.2	53.7	88.4	73.9	37.1	52.3	81.2	63.9
Dyna-Gro 37F46	59.3	54.5	71.4	65.0	42.5	52.1	68.2	58.5
HBK R3824	56.2	47.8	67.8	52.5	40.0	48.0	60.1	52.9
HBK R3927	52.9	47.3	74.0	61.2	42.5	47.5	67.6	55.5
HBK R4527	63.8	58.1	71.2	69.1	47.2	56.4	70.1	61.9
MorSoy RT4485N	66.9	55.7	90.7	66.3	41.2	54.6	78.5	64.1
MorSoy RT4488N	61.8	53.7	90.8	65.4	42.7	52.8	78.1	62.9
MorSoy RT4556N	60.3	54.2	77.6	73.4	47.3	53.9	75.5	62.5
MorSoy RT4648N	55.3	44.6	78.2	63.6	46.0	48.6	70.9	57.5
MorSoy RT4688N	62.7	52.8	76.7	67.4	52.0	55.8	72.0	62.3
MPG 4406nRR	65.0	57.8	91.9	71.0	37.7	53.5	81.5	64.7
MPG 4509nRR/STS	66.1	57.2	93.2	67.3	37.5	53.6	80.2	64.3
MPG 48-3nRR	68.1	55.3	79.2	64.5	47.8	57.0	71.8	63.0
NK S45-E5 Brand	58.4	50.6	80.8	59.0	35.6	48.2	69.9	56.9
NK S46-U6 Brand	64.1	62.6	86.7	71.5	47.6	58.1	79.1	66.5
Pioneer 94Y10	60.4	50.5	80.3	70.7	48.4	53.1	75.5	62.0
Pioneer 94Y20	69.2	55.3	88.6	68.7	47.9	57.5	78.7	66.0
Pioneer 94Y60	65.9	51.6	83.9	72.5	48.0	55.2	78.2	64.4
Progeny 4206RR	55.7	51.3	82.5	61.2	43.8	50.3	71.8	58.9
Progeny 4405RR	62.1	54.4	84.5	69.6	38.1	51.5	77.0	61.7
Progeny 4408RR	64.1	50.4	87.9	67.2	42.5	52.3	77.5	62.4
Progeny 4508RR	62.3	51.5	78.0	66.7	51.5	55.1	72.3	62.0
Progeny 4606RR	65.6	51.5	74.0	69.9	57.5	58.2	72.0	63.7
Schillinger 448.RCS	53.6	46.3	68.1	62.9	46.2	48.7	65.5	55.4
Schillinger 457.RCP	61.0	53.8	81.8	68.4	52.0	55.6	75.1	63.4
Schillinger 458.RCS	63.8	49.8	84.7	69.6	52.7	55.4	77.1	64.1

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹, continued.

Variety/Experimental Line	Keiser	Keiser	Marianna	Stuttgart	Rohwer ²	Clay ³	Silt Loam ⁴	All Locations
	Irrigated	Nonirrigated	Irrigated	Irrigated	Irrigated	Average	Average	Average
.....bu./A.....								
<u>Maturity Group IV Early (RM 4.0 to 4.6), continued</u>								
Terral TV44R27	62.4	53.3	84.4	64.7	42.1	52.6	74.6	61.4
Terral TV45R18	65.5	54.7	76.3	62.0	46.0	55.4	69.2	60.9
Terral TV46R15	60.0	56.0	74.1	62.9	45.1	53.7	68.5	59.6
Terral TV46R19	63.4	51.5	65.8	65.8	46.5	53.8	65.8	58.6
USG 74A45	63.7	50.2	77.2	70.3	40.1	51.3	73.7	60.3
USG 74E68	70.0	48.5	91.5	67.9	47.0	55.2	79.7	65.0
GRAND MEAN	63.0	52.9	80.9	67.0	44.7	53.5	73.9	61.7
LSD (5%)	7.3	6.4	6.2	8.5	4.9	•	•	•
CV (%)	7.1	7.5	4.7	7.8	6.8	•	•	•

Maturity Group IV Late (RM 4.7 to 4.9)

AgVenture AV 47G3NRR	64.1	55.7	81.5	67.8	44.4	54.7	74.7	62.7
AgVenture AV 49D6NRR	63.4	55.0	64.5	69.7	53.1	57.2	67.1	61.1
AgVenture AV 49X9NRR	65.2	53.2	62.1	66.3	48.6	55.7	64.2	59.1
AgVenture AV 50D2	68.6	60.9	86.4	65.4	46.4	58.6	75.9	65.5
Armor 47-F8	67.1	53.2	76.8	65.7	55.4	58.6	71.2	63.6
Armor 49-V6	65.3	57.5	85.8	69.7	55.3	59.4	77.8	66.7
Armor ARX4717	61.6	48.6	83.2	62.7	38.5	49.6	73.0	58.9
ASGROW AG 4703	64.5	51.8	89.4	76.4	56.4	57.6	82.9	67.7
ASGROW AG 4705	66.9	52.5	82.3	66.7	41.3	53.6	74.5	61.9
ASGROW AG 4903	67.2	59.5	68.5	69.8	56.3	61.0	69.1	64.3
ASGROW AG 4907	67.5	58.6	77.0	72.3	48.6	58.2	74.7	64.8
ASGROW DK 4866	71.5	59.3	76.8	76.6	62.8	64.5	76.7	69.4
Delta Grow 4770RR	62.7	55.4	82.7	76.0	53.5	57.2	79.4	66.0
Delta Grow 4780RR	67.1	55.4	83.3	74.2	49.0	57.2	78.8	65.8
Delta Grow 4870RR	66.7	54.3	81.6	80.2	57.8	59.6	80.9	68.1
Delta Grow 4970RR	67.1	58.5	71.2	74.5	54.5	60.0	72.8	65.2
Delta Grow 4975LARR	68.3	57.5	79.0	78.5	55.3	60.4	78.7	67.7
Delta King DK 4968	65.0	56.2	74.9	71.4	61.0	60.7	73.2	65.7
Delta King DK 4995	59.7	49.0	61.1	64.3	51.0	53.2	62.7	57.0
Delta King DK XTJ847	67.9	60.2	77.6	71.4	50.0	59.4	74.5	65.4
Delta King DK XTJ848	67.4	59.2	81.5	77.8	44.8	57.1	79.7	66.2
Delta King DK XTJ949	66.5	58.2	74.3	69.9	54.9	59.9	72.1	64.8
Deltapine DP 4888RR/S	72.1	55.0	76.1	72.4	57.2	61.4	74.2	66.6
Dyna-Gro 32P48	69.8	50.1	76.8	79.5	49.5	56.5	78.1	65.1
Dyna-Gro 36Y48	68.4	58.4	86.4	75.1	51.6	59.5	80.7	68.0
Dyna-Gro 37P49	71.3	60.0	78.4	75.8	52.1	61.1	77.1	67.5
Eagle Seed ES 4777RR	63.1	53.4	74.8	72.3	55.9	57.4	73.5	63.9
Great Heart GT-462CRR	58.1	52.1	85.2	69.0	45.5	51.9	77.1	62.0
HBK R4727	66.6	59.4	83.3	77.2	54.5	60.2	80.2	68.2
HBK R4924	66.8	56.2	72.4	67.6	56.2	59.7	70.0	63.8
Legacy LS 47-57RR	67.0	58.6	91.2	75.4	50.8	58.8	83.3	68.6

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹, continued.

Variety/Experimental Line	Keiser	Keiser	Marianna	Stuttgart	Rohwer ²	Clay ³	Silt Loam ⁴	All Locations
	Irrigated	Nonirrigated	Irrigated	Irrigated	Irrigated	Average	Average	Average
.....bu./A.....								
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued.</u>								
Legacy LS 49-57RR	62.9	56.1	72.9	66.5	50.5	56.5	69.7	61.8
MorSoy RT4888N	65.9	55.4	75.9	73.0	55.1	58.8	74.4	65.0
MorSoy RT4914N	64.7	62.1	78.7	76.0	55.7	60.9	77.4	67.5
MorSoy RTs4706N	65.7	51.1	79.4	75.0	52.4	56.4	77.2	64.7
MorSoy RTs4707N	62.7	54.0	84.8	71.4	42.9	53.2	78.1	63.2
MorSoy RTs4955	66.4	57.2	79.9	70.4	48.3	57.3	75.1	64.4
MPG 4705nRR	64.0	55.2	93.1	76.3	46.2	55.2	84.7	67.0
MPG 4808nRR	63.6	59.5	79.7	72.3	48.4	57.2	76.0	64.7
MPG 4905nRR	66.0	54.6	85.4	71.1	49.3	56.6	78.2	65.3
MPG 4907nRR/STS	66.6	56.7	83.1	64.8	51.7	58.3	74.0	64.6
MPG 4909nRR	70.4	56.8	81.5	73.6	58.4	61.8	77.5	68.1
NK S47-D9 Brand	58.4	54.4	84.8	67.7	51.4	54.7	76.3	63.4
NK S49-H7 Brand	61.2	57.5	74.9	69.1	48.4	55.7	72.0	62.2
NK S49-W6	53.5	53.4	68.1	62.2	40.4	49.1	65.1	55.5
Pioneer 94B73	66.5	55.6	72.3	68.1	45.5	55.8	70.2	61.6
Pioneer 94M80	69.0	59.5	82.6	69.9	47.5	58.7	76.3	65.7
Pioneer 94Y70	67.2	56.5	90.6	73.7	50.1	57.9	82.1	67.6
Pioneer 94Y90	62.0	59.5	71.3	65.4	48.9	56.8	68.4	61.4
Progeny 4706RR	55.4	51.9	84.4	69.7	46.2	51.1	77.0	61.5
Progeny 4718RR	59.1	50.6	85.7	65.9	52.5	54.1	75.8	62.8
Progeny 4807RR	67.8	55.8	86.9	77.2	44.7	56.1	82.1	66.5
Progeny 4906RR	68.4	59.1	80.6	70.6	56.6	61.4	75.6	67.1
Progeny 4908RR	62.8	56.2	73.1	74.0	45.5	54.8	73.5	62.3
Progeny 4918RR	65.9	51.9	79.7	69.5	50.8	56.2	74.6	63.6
Progeny 4949RR	60.5	56.8	67.2	66.6	54.3	57.2	66.9	61.0
Schillinger 478.RCS	65.1	56.9	82.7	73.8	51.4	57.8	78.3	66.0
Schillinger 495.RC	68.3	58.9	81.9	69.8	48.7	58.6	75.8	65.5
Schillinger 499.RC	68.1	56.9	68.7	73.5	51.0	58.7	71.1	63.6
Stine 4782-4	68.6	53.4	79.3	69.0	52.5	58.2	74.2	64.6
Terral TV47R17	70.4	60.6	66.1	69.4	57.8	62.9	67.7	64.9
Terral TV47R18	68.9	57.7	66.1	70.5	51.5	59.4	68.3	63.0
Terral TV48R14	58.4	46.7	66.0	70.4	48.6	51.2	68.2	58.0
Terral TV49R17	63.1	54.0	65.2	64.7	56.8	58.0	65.0	60.8
Terral TV49R19	60.9	58.6	60.4	60.3	42.6	54.0	60.4	56.6
Terral TV49R27	71.0	60.9	70.2	71.3	58.1	63.4	70.7	66.3
USG 7495nRS	65.8	55.3	84.7	72.8	50.9	57.3	78.8	65.9
USG 74A88	69.1	50.2	80.3	73.9	62.0	60.4	77.1	67.1
USG 74A91	68.8	57.3	80.9	72.7	59.2	61.8	76.8	67.8
USG 74F78	63.4	52.1	75.7	64.2	49.8	55.1	69.9	61.0
USG 74F96	63.0	55.6	73.1	70.7	53.9	57.5	71.9	63.3
GRAND MEAN	65.4	55.8	77.8	71.0	51.4	57.5	74.4	64.3
LSD (5%)	5.4	6.8	10.2	8.6	5.2	•	•	•
CV (%)	5.1	7.6	8.1	7.5	6.2	•	•	•

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹; continued.

Variety/Experimental Line	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer ² Irrigated	Kibler Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Locations Average
.....bu./A.....									
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>									
AgVenture AV 50X6RR	67.3	63.0	72.0	74.0	51.6	49.4	60.6	65.1	62.9
AgVenture AV 51X5RR	64.1	54.4	72.4	63.7	55.5	53.6	58.0	63.2	60.6
AgVenture AV 52P2NRR	62.5	62.6	62.7	56.7	50.0	51.6	58.4	57.0	57.7
AgVenture AV 53D3NRR	57.7	60.3	74.5	62.5	49.8	49.5	55.9	62.2	59.0
AgVenture AV 54X4RR	60.9	59.1	58.4	62.7	50.6	49.8	56.9	57.0	56.9
Armor 53-Z5	63.7	60.8	74.4	64.9	58.3	52.0	60.9	63.8	62.3
Armor 55-A5	61.5	60.7	70.5	68.5	52.6	52.3	58.3	63.8	61.0
Armor GP-500	61.1	57.6	66.2	74.7	51.0	48.2	56.5	63.0	59.8
Armor GP-533	62.9	60.1	64.5	65.2	43.8	50.0	55.6	59.9	57.7
ASGROW AG 5301	62.1	58.5	70.9	67.0	51.6	50.7	57.4	62.9	60.1
ASGROW AG 5304	59.5	59.9	75.6	62.6	45.9	50.7	55.1	63.0	59.0
ASGROW AG 5501	63.0	59.5	70.8	62.2	43.4	51.3	55.3	61.4	58.4
ASGROW AG 5503	61.9	62.0	67.3	67.1	45.1	46.7	56.3	60.4	58.3
ASGROW DK 5068	68.5	61.2	73.6	71.9	44.7	52.9	58.1	66.1	62.1
Croplan RC5437	55.2	60.5	55.5	55.6	47.4	50.0	54.3	53.7	54.0
Delta Grow 5170RR	63.9	59.2	75.0	69.3	49.3	54.3	57.5	66.2	61.8
Delta Grow 5300RR	60.3	56.1	77.5	69.0	44.4	53.2	53.6	66.6	60.1
Delta Grow 5450RR	58.7	64.0	59.4	60.1	41.3	52.5	54.7	57.3	56.0
Delta Grow 5555RR	60.5	68.8	55.5	67.5	46.7	52.0	58.7	58.4	58.5
Delta Grow 5570RR/STS	55.5	61.5	66.5	61.0	47.0	49.3	54.6	58.9	56.8
Delta King DK 52K6	60.5	61.1	65.8	61.8	47.0	52.7	56.2	60.1	58.1
Delta King DK 5567	62.2	64.8	61.8	63.9	53.9	55.0	60.3	60.2	60.3
Delta King DK XTJ950	61.3	58.4	67.6	62.3	50.6	47.8	56.8	59.2	58.0
Deltapine DP 5335RR/S	63.8	61.4	71.1	64.4	48.0	48.2	57.7	61.2	59.5
Dyna-Gro 31R54	56.2	56.5	62.9	61.5	47.8	50.3	53.5	58.3	55.9
Dyna-Gro 32A53	56.9	56.6	65.8	58.8	54.2	49.3	55.9	58.0	56.9
Dyna-Gro 33B52	64.4	60.1	65.4	73.0	48.1	51.0	57.5	63.1	60.3
Dyna-Gro 33P54	50.2	54.7	71.0	55.6	33.7	39.2	46.2	55.3	50.8
Dyna-Gro 33X55	61.5	59.3	57.5	64.0	51.7	50.8	57.5	57.4	57.5
Dyna-Gro 35F55	63.6	66.7	57.3	65.3	47.1	51.9	59.1	58.2	58.7
Eagle Seed ES 5519RR	57.3	58.7	57.8	62.6	47.0	49.1	54.3	56.5	55.4
Eagle Seed ES 5555RR	57.5	58.7	56.5	51.9	49.4	55.3	55.2	54.6	54.9
HBK R5226	56.8	63.3	60.0	61.8	54.8	46.3	58.3	56.0	57.2
HBK R5425	53.2	59.2	56.6	63.2	45.6	37.4	52.7	52.4	52.5
HBK R5525	63.1	63.2	68.4	64.4	49.0	46.7	58.4	59.8	59.1
HBK RS5227	57.1	60.4	73.6	67.0	45.1	48.5	54.2	63.0	58.6
Legacy LS 54-17RR/STS	51.9	53.0	68.7	55.1	44.3	46.6	49.7	56.8	53.3
Legacy LS 54-27RR	59.7	58.3	63.8	56.6	53.2	41.9	57.1	54.1	55.6
MorSoy RT5168N	64.4	59.0	75.4	68.7	43.7	49.6	55.7	64.6	60.1
MorSoy RT5288N	59.9	57.8	68.9	66.3	55.1	49.1	57.6	61.4	59.5
MorSoy RT5306N	62.1	64.2	70.3	64.2	54.5	49.2	60.2	61.2	60.7
MorSoy RT5388N	66.8	64.5	79.3	62.6	53.6	54.5	61.6	65.4	63.5
MorSoy RT5506N	59.3	63.6	77.8	67.0	52.4	51.0	58.4	65.3	61.8
MPG 5308nRR	65.9	62.2	72.4	58.6	55.6	49.2	61.2	60.1	60.7
MPG 5407nRR	65.4	66.7	72.2	71.7	42.0	50.3	58.1	64.7	61.4
MPG 5505nRR/STS	60.8	57.4	72.9	73.5	55.0	52.2	57.7	66.2	62.0

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹, continued.

Variety/Experimental Line	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer ² Irrigated	Kibler Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Locations Average
.....bu./A.....									
<u>Maturity Group V Early (RM 5.0 to 5.5), continued.</u>									
NK S52-F2 Brand	62.4	60.6	66.7	62.8	50.9	56.5	57.9	62.0	60.0
Pioneer 95M50	65.1	62.8	64.7	61.6	49.7	52.6	59.2	59.6	59.4
Pioneer 95Y20	58.2	62.5	63.0	57.6	44.0	51.8	54.9	57.5	56.2
Pioneer 95Y40	64.7	60.1	64.3	77.0	64.4	56.4	63.1	65.9	64.5
Pioneer 95Y41	63.8	61.9	67.3	71.0	51.2	54.8	58.9	64.3	61.6
Progeny 5107RR	54.2	55.9	49.7	60.9	47.2	47.0	52.4	52.5	52.5
Progeny 5108RR	55.6	57.7	69.9	61.7	46.4	45.7	53.2	59.1	56.2
Progeny 5115RR	60.5	57.5	68.9	64.9	46.9	49.6	55.0	61.1	58.0
Progeny 5208RR	59.9	51.7	67.6	60.5	40.3	49.5	50.6	59.2	54.9
Progeny 5218RR	58.4	56.0	64.8	60.6	59.2	50.0	57.8	58.5	58.1
Progeny 5308RR	58.5	56.0	67.2	58.2	46.9	49.8	53.8	58.4	56.1
Progeny 5408RR	63.9	61.5	78.3	54.0	54.8	56.9	60.0	63.1	61.6
Schillinger 538.R	58.1	57.8	56.6	56.8	45.4	48.0	53.8	53.8	53.8
Schillinger 557.RC	63.9	61.6	72.9	63.5	44.5	51.7	56.7	62.7	59.7
Stine 5482-4	57.1	66.5	72.9	61.6	42.7	49.9	55.4	61.4	58.4
Terral TV52R14	60.5	60.0	63.6	57.9	48.4	48.9	56.3	56.8	56.6
Terral TV52R28	53.5	54.4	62.0	52.2	45.5	50.4	51.1	54.8	53.0
Terral TV52R757	61.8	59.8	65.1	64.4	49.7	53.2	57.1	60.9	59.0
Terral TV54R28	62.2	57.3	62.5	66.5	52.9	47.6	57.5	58.9	58.2
Terral TV55R15	66.1	69.6	62.0	61.4	48.4	53.8	61.4	59.1	60.2
USG 7553nRR	65.0	65.6	68.9	70.7	49.7	58.0	60.1	65.9	63.0
USG 75Z38	58.9	60.0	67.0	63.3	43.7	51.3	54.2	60.6	57.4
GRAND MEAN	60.7	60.2	66.9	63.6	48.9	50.4	56.6	60.3	58.4
LSD (5%)	5.8	6.4	10.0	10.9	5.1	5.5	•	•	•
CV (%)	5.9	6.6	9.3	10.6	6.5	6.8	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

AGS 568RR	59.8	59.1	66.3	58.0	45.6	52.7	54.8	59.0	56.9
AGS 606RR	59.2	58.8	59.8	62.4	45.2	42.4	54.4	54.9	54.6
AgVenture AV 57D7NRR	63.9	60.7	68.4	65.3	45.7	52.1	56.8	61.9	59.3
ASGROW AG 5605	65.3	61.5	72.5	69.3	52.2	53.7	59.7	65.2	62.4
ASGROW AG 5606	65.9	63.0	69.1	72.4	46.2	49.1	58.4	63.6	61.0
ASGROW AG 5803	60.7	60.5	68.2	55.8	44.5	50.1	55.2	58.1	56.6
ASGROW AG 5905	61.8	61.1	68.3	61.0	45.7	50.3	56.2	59.9	58.0
Croplan RC5663	63.3	60.8	74.3	65.2	51.8	52.3	58.6	63.9	61.3
Delta Grow 5830RR	64.6	62.4	65.0	53.5	50.7	48.6	59.2	55.7	57.5
Delta Grow 5970RR	60.8	59.1	66.4	64.5	45.1	52.1	55.0	61.0	58.0
Deltapine DP 5634RR	61.0	57.0	65.9	63.0	45.9	46.6	54.6	58.5	56.6
Deltapine DP 5915RR	56.9	60.6	71.4	58.5	44.2	47.2	53.9	59.0	56.5
Dyna-Gro 32B57	58.0	60.0	60.2	52.6	50.2	48.5	56.1	53.8	54.9
Dyna-Gro 33C59	64.6	66.4	66.9	66.2	52.1	52.9	61.0	62.0	61.5
Dyna-Gro 3583	63.0	62.9	68.8	64.5	42.9	44.8	56.3	59.4	57.8
HBK R5727	60.9	61.9	53.7	59.4	45.7	50.7	56.1	54.6	55.4
HBK R5825	59.0	59.7	64.1	66.0	42.6	45.0	53.8	58.4	56.1
MorSoy RT5688N	67.5	65.6	68.1	65.2	55.2	51.6	62.8	61.6	62.2
MorSoy RT5906N	63.6	61.4	62.9	59.5	48.5	49.3	57.8	57.2	57.5

Table 6. Yields of Maturity Groups IV and V Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008¹, continued.

Variety/Experimental Line	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer ² Irrigated	Kibler Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Locations Average
.....bu./A.....									
<u>Maturity Group V Late (RM 5.6 to 5.9), continued.</u>									
NK S56-D7	56.5	54.4	60.0	58.0	45.1	42.3	52.0	53.4	52.7
NK S59-B8 Brand	56.9	57.2	64.5	62.5	40.1	47.9	51.4	58.3	54.8
Pioneer 95Y70	63.7	66.4	54.7	58.5	44.1	55.7	58.1	56.3	57.2
Progeny 5622RR	60.6	65.6	66.1	61.1	48.4	48.9	58.2	58.7	58.5
Progeny 5650RR	61.9	61.3	60.9	70.5	48.2	51.0	57.2	60.8	59.0
Progeny 5706RR	59.9	61.6	61.5	61.0	51.9	50.3	57.8	57.6	57.7
R01-4834RR	56.0	56.8	55.2	65.1	39.6	50.9	50.8	57.1	53.9
R04-1274RR	56.2	52.8	57.7	62.8	40.1	50.0	49.7	56.8	53.3
R04-1276RR	57.0	53.6	61.4	58.8	37.2	47.6	49.3	55.9	52.6
R04-170RR	54.6	55.4	64.7	60.0	46.0	46.6	52.0	57.1	54.6
S04-21237	63.8	61.7	72.3	65.6	48.0	47.5	57.8	61.8	59.8
Terral TV59R16	64.1	66.4	65.0	67.7	51.3	58.1	60.6	63.6	62.1
USG 7582nRR	64.1	62.5	71.8	61.9	41.7	48.2	56.1	60.6	58.4
USG 75J97	61.7	58.5	62.3	61.6	47.4	51.5	55.9	58.4	57.2
USG 75Z98	69.0	64.0	69.2	68.5	47.1	55.2	60.0	64.3	62.2
USG ALLEN	62.3	60.0	66.6	65.2	40.7	54.2	54.3	62.0	58.2
GRAND MEAN	61.4	60.6	65.0	62.6	46.2	49.9	56.1	59.2	57.6
LSD (5%)	6.5	5.2	10.0	9.6	5.3	6.9	•	•	•
CV (%)	6.5	5.3	9.4	9.4	7.0	8.4	•	•	•

¹Keiser Irrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.
 Keiser Nonirrigated = Northeast Research and Extension Center. Soil series = Sharkey silty clay.
 Marianna Irrigated = Lon Mann Cotton Research Station. Soil series = Calloway silt loam.
 Stuttgart Irrigated = Rice Research and Extension Center. Soil series = Crowley silt loam.
 Rohwer Irrigated = Southeast Research and Extension Center - Rohwer Division. Soil series = Sharkey clay.
 Kibler Irrigated = Vegetable Substation. Soil series = Roxanna silt loam.

²This location received over nine inches of rain in August. Waterlogged soil may have contributed to lower-than-expected yields.

³Average yields from Keiser Irrigated, Keiser Nonirrigated and Rohwer locations.

⁴Average yields from Marianna, Stuttgart and Kibler locations.

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008.

Brand/Hybrid	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
USG 74E68	70.0	•	•	10/04	2	1	45
Armor 42-M1	69.3	69.5	•	10/07	1	1	38
Pioneer 94Y20	69.2	•	•	10/06	2	1	43
ASGROW AG 4303	68.4	•	•	10/05	1	1	35
ASGROW DKB 46-51	68.2	68.6	64.6	10/10	1	1	37
MPG 48-3nRR	68.1	•	•	10/07	1	1	42
Armor ARX4560	67.3	72.1	•	10/09	2	1	36
Dyna-Gro 32R46	67.1	67.2	67.2	10/10	1	1	32
MorSoy RT4485N	66.9	66.2	63.2	10/08	2	1	41
Delta King DK 4667	66.8	69.4	67.3	10/06	2	1	40
ASGROW AG 4605	66.8	71.0	•	10/08	1	1	34
Armor 44-K6	66.2	•	•	10/06	1	1	30
Dyna-Gro 37A44	66.2	64.6	64.2	10/09	1	1	43
MPG 4509nRR/STS	66.1	•	•	10/04	1	1	34
Pioneer 94Y60	65.9	•	•	10/09	1	1	36
Progeny 4606RR	65.6	66.2	64.8	10/10	1	1	41
Terral TV45R18	65.5	62.9	•	10/05	2	1	41
MPG 4406nRR	65.0	62.9	•	10/09	2	1	44
Dyna-Gro 33Y45	64.9	60.3	•	10/08	1	1	33
Delta Grow 4460RR	64.7	62.0	62.7	10/07	2	1	45
Progeny 4408RR	64.1	•	•	10/03	1	1	29
NK S46-U6 Brand	64.1	68.2	67.6	10/09	1	1	43
HBK R4527	63.8	66.5	•	10/10	1	1	43
Schillinger 458.RCS	63.8	•	•	10/08	1	1	35
USG 74A45	63.7	•	•	10/06	2	1	46
Terral TV46R19	63.4	•	•	10/06	1	1	43
ASGROW AG 4606	63.3	•	•	10/07	1	1	40
MorSoy RT4688N	62.7	•	•	10/09	1	1	37
AgVenture AV 46J5NNR	62.7	58.7	58.1	10/06	1	1	38
Dyna-Gro 36C44	62.5	•	•	10/06	1	1	31
Terral TV44R27	62.4	65.1	62.9	10/07	1	1	47
Progeny 4508RR	62.3	•	•	10/06	1	1	38
Progeny 4405RR	62.1	64.0	•	10/07	1	1	45
MorSoy RT4488N	61.8	•	•	10/07	1	1	31
Schillinger 457.RCP	61.0	66.0	•	10/06	2	1	46
Delta Grow 4660RR	60.7	66.9	65.2	10/06	2	1	42
ASGROW AG 4405	60.6	62.0	•	10/04	1	1	35
Pioneer 94Y10	60.4	•	•	10/06	1	1	43
MorSoy RT4556N	60.3	64.2	•	10/09	2	1	38
Terral TV46R15	60.0	61.1	60.6	10/09	2	1	47
AgVenture AV 46P1RR	59.6	•	•	10/07	2	1	37
Dyna-Gro 37F46	59.3	63.5	63.0	10/10	1	1	40
NK S45-E5 Brand	58.4	61.1	•	10/05	1	1	42
Delta King DK XTJ946	56.6	•	•	10/08	2	1	43
Deltapine DP 4546RR	56.3	60.7	61.2	10/08	1	1	37
HBK R3824	56.2	64.2	63.5	10/04	1	1	34
Progeny 4206RR	55.7	63.5	•	10/07	1	1	38
MorSoy RT4648N	55.3	•	•	10/07	1	1	33
Schillinger 448.RCS	53.6	•	•	10/05	2	1	39
HBK R3927	52.9	54.1	•	10/05	1	1	46
GRAND MEAN	63.0	•	•	•	1	1	39
LSD (5%)	7.3	•	•	•	1	•	•
CV (%)	7.1	•	•	•	45	•	•

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Brand/Hybrid	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9)							
Deltapine DP 4888RR/S	72.1	72.3	69.6	10/10	1	1	44
ASGROW DK 4866	71.5	72.5	69.6	10/09	1	1	39
Dyna-Gro 37P49	71.3	79.9	73.9	10/11	1	1	40
Terral TV49R27	71.0	74.1	72.7	10/16	2	1	48
Terral TV47R17	70.4	70.4	69.3	10/15	1	1	53
MPG 4909nRR	70.4	•	•	10/12	1	1	42
Dyna-Gro 32P48	69.8	•	•	10/11	1	1	39
USG 74A88	69.1	•	•	10/10	1	1	37
Pioneer 94M80	69.0	69.2	67.3	10/07	2	1	45
Terral TV47R18	68.9	70.0	•	10/11	1	1	44
USG 74A91	68.8	•	•	10/10	1	1	41
Stine 4782-4	68.6	68.3	67.7	10/08	1	1	35
AgVenture AV 50D2	68.6	69.2	68.5	10/15	2	1	43
Dyna-Gro 36Y48	68.4	71.1	68.1	10/12	1	1	41
Progeny 4906RR	68.4	73.5	71.0	10/12	1	1	39
Delta Grow 4975LARR	68.3	67.7	67.1	10/12	1	1	40
Schillinger 495.RC	68.3	67.1	68.6	10/15	1	1	42
Schillinger 499.RC	68.1	•	•	10/14	3	1	45
Delta King DK XTJ847	67.9	65.3	•	10/11	1	1	38
Progeny 4807RR	67.8	68.9	•	10/09	1	1	43
ASGROW AG 4907	67.5	•	•	10/12	1	1	40
Delta King DK XTJ848	67.4	67.3	•	10/09	1	1	46
ASGROW AG 4903	67.2	70.9	68.2	10/13	1	1	42
Pioneer 94Y70	67.2	•	•	10/08	1	1	44
Delta Grow 4970RR	67.1	70.1	69.2	10/15	2	1	42
Delta Grow 4780RR	67.1	67.3	•	10/09	1	1	40
Armor 47-F8	67.1	70.8	70.0	10/10	1	1	33
Legacy LS 47-57RR	67.0	70.6	•	10/09	1	1	46
ASGROW AG 4705	66.9	•	•	10/07	1	1	42
HBK R4924	66.8	63.4	61.2	10/13	1	1	47
Delta Grow 4870RR	66.7	•	•	10/09	1	1	41
HBK R4727	66.6	69.3	•	10/12	1	1	39
MPG 4907nRR/STS	66.6	•	•	10/12	1	1	42
Delta King DK XTJ949	66.5	•	•	10/15	1	1	42
Pioneer 94B73	66.5	61.9	62.2	10/06	1	1	48
MorSoy RTs4955	66.4	67.6	65.3	10/14	1	1	44
MPG 4905nRR	66.0	67.7	66.3	10/08	1	1	40
MorSoy RT4888N	65.9	•	•	10/10	1	1	38
Progeny 4918RR	65.9	•	•	10/10	1	1	41
USG 7495nRS	65.8	•	•	10/13	1	1	44
MorSoy RTs4706N	65.7	68.1	66.2	10/13	1	1	36
Armor 49-V6	65.3	68.4	64.9	10/13	1	1	45
AgVenture AV 49X9NRR	65.2	•	•	10/12	2	1	47
Schillinger 478.RCS	65.1	•	•	10/10	1	1	38
Delta King DK 4968	65.0	67.6	66.6	10/14	1	1	46
MorSoy RT4914N	64.7	68.1	69.2	10/16	1	1	45
ASGROW AG 4703	64.5	63.3	64.1	10/07	1	1	38
AgVenture AV 47G3NRR	64.1	62.3	•	10/09	1	1	43
MPG 4705nRR	64.0	•	•	10/12	1	1	43
MPG 4808nRR	63.6	66.8	•	10/13	2	1	43
AgVenture AV 49D6NRR	63.4	69.1	65.5	10/12	1	1	49
USG 74F78	63.4	63.7	•	10/11	1	1	40
Terral TV49R17	63.1	67.9	66.1	10/10	2	1	51

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Brand/Hybrid	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9), continued							
Eagle Seed ES 4777RR	63.1	65.7	•	10/12	1	1	40
USG 74F96	63.0	•	•	10/16	1	1	45
Legacy LS 49-57RR	62.9	68.2	•	10/12	1	1	46
Progeny 4908RR	62.8	•	•	10/12	1	1	39
MorSoy RTs4707N	62.7	65.7	•	10/11	1	1	42
Delta Grow 4770RR	62.7	62.6	62.8	10/08	2	1	37
Pioneer 94Y90	62.0	•	•	10/09	1	1	41
Armor ARX4717	61.6	60.4	•	10/11	1	1	38
NK S49-H7 Brand	61.2	64.6	60.3	10/13	1	1	41
Terral TV49R19	60.9	•	•	10/10	1	1	38
Progeny 4949RR	60.5	66.1	65.9	10/12	1	1	41
Delta King DK 4995	59.7	61.5	•	10/11	1	1	52
Progeny 4718RR	59.1	•	•	10/12	1	1	39
NK S47-D9 Brand	58.4	•	•	10/07	1	1	32
Terral TV48R14	58.4	62.9	62.7	10/08	1	1	42
Great Heart GT-462CRR	58.1	•	•	10/08	1	1	40
Progeny 4706RR	55.4	60.9	62.6	10/07	2	1	38
NK S49-W6	53.5	57.9	58.9	10/14	1	1	40
GRAND MEAN	65.4	•	•	•	1	1	42
LSD (5%)	5.4	•	•	•	1	•	•
CV (%)	5.1	•	•	•	35	•	•

Maturity Group V Early (RM 5.0 to 5.5)

ASGROW DK 5068	68.5	68.5	67.1	10/17	1	1	41
AgVenture AV 50X6RR	67.3	•	•	10/15	1	1	41
MorSoy RT5388N	66.8	•	•	10/18	1	1	40
Terral TV55R15	66.1	71.2	66.6	10/15	1	1	41
MPG 5308nRR	65.9	70.6	65.4	10/13	1	1	39
MPG 5407nRR	65.4	70.1	67.5	10/16	1	1	46
Pioneer 95M50	65.1	70.0	67.1	10/18	1	1	38
USG 7553nRR	65.0	71.2	66.1	10/17	1	1	39
Pioneer 95Y40	64.7	•	•	10/15	1	1	38
Dyna-Gro 33B52	64.4	69.0	65.8	10/16	1	1	34
MorSoy RT5168N	64.4	•	•	10/12	1	1	40
AgVenture AV 51X5RR	64.1	•	•	10/18	1	1	46
Progeny 5408RR	63.9	•	•	10/19	1	1	36
Delta Grow 5170RR	63.9	•	•	10/09	1	1	39
Schillinger 557.RC	63.9	72.5	•	10/19	1	1	31
Deltapine DP 5335RR/S	63.8	69.6	•	10/18	1	1	41
Pioneer 95Y41	63.8	•	•	10/18	1	1	36
Armor 53-Z5	63.7	67.7	•	10/15	1	1	34
Dyna-Gro 35F55	63.6	•	•	10/20	2	1	41
HBK R5525	63.1	69.4	66.6	10/17	1	1	37
ASGROW AG 5501	63.0	68.1	64.0	10/16	1	1	36
Armor GP-533	62.9	71.7	69.0	10/16	1	1	34
AgVenture AV 52P2NRR	62.5	67.4	•	10/16	1	1	39
NK S52-F2 Brand	62.4	69.0	66.9	10/16	1	1	32
Delta King DK 5567	62.2	67.9	64.7	10/19	1	1	33
Terral TV54R28	62.2	67.0	•	10/17	1	1	36
ASGROW AG 5301	62.1	68.7	65.3	10/17	1	1	44
MorSoy RT5306N	62.1	67.3	62.2	10/17	1	1	40
ASGROW AG 5503	61.9	•	•	10/15	1	1	39

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Early (RM 5.0 to 5.5), continued							
Terral TV52R757	61.8	•	•	10/19	1	1	38
Dyna-Gro 33X55	61.5	68.5	65.4	10/16	1	1	30
Armor 55-A5	61.5	71.3	•	10/18	1	1	30
Delta King DK XTJ950	61.3	•	•	10/04	1	1	43
Armor GP-500	61.1	71.0	•	10/15	1	1	38
AgVenture AV 54X4RR	60.9	•	•	10/20	1	1	43
MPG 5505nRR/STS	60.8	69.1	66.1	10/18	1	1	35
Delta Grow 5555RR	60.5	69.8	•	10/19	1	1	41
Progeny 5115RR	60.5	63.6	62.1	10/14	1	1	44
Delta King DK 52K6	60.5	67.0	65.0	10/15	1	1	34
Terral TV52R14	60.5	65.8	61.4	10/16	1	1	37
Delta Grow 5300RR	60.3	68.6	65.1	10/16	1	1	38
MorSoy RT5288N	59.9	•	•	10/16	1	1	29
Progeny 5208RR	59.9	•	•	10/12	1	1	42
Legacy LS 54-27RR	59.7	64.3	•	10/14	1	1	35
ASGROW AG 5304	59.5	•	•	10/20	1	1	31
MorSoy RT5506N	59.3	66.4	63.4	10/19	1	1	36
USG 75Z38	58.9	•	•	10/18	1	1	34
Delta Grow 5450RR	58.7	68.6	•	10/19	1	1	37
Progeny 5308RR	58.5	•	•	10/20	1	1	34
Progeny 5218RR	58.4	•	•	10/15	1	1	38
Pioneer 95Y20	58.2	•	•	10/19	1	1	37
Schillinger 538.R	58.1	•	•	10/17	1	1	33
AgVenture AV 53D3NRR	57.7	67.5	•	10/18	1	1	40
Eagle Seed ES 5555RR	57.5	64.8	63.2	10/13	1	1	39
Eagle Seed ES 5519RR	57.3	•	•	10/18	1	1	38
HBK RS5227	57.1	66.7	•	10/19	1	1	36
Stine 5482-4	57.1	67.1	•	10/19	1	1	30
Dyna-Gro 32A53	56.9	64.4	64.2	10/16	1	1	35
HBK R5226	56.8	67.1	64.7	10/15	1	1	35
Dyna-Gro 31R54	56.2	62.6	•	10/17	1	1	29
Progeny 5108RR	55.6	•	•	10/16	1	1	48
Delta Grow 5570RR/STS	55.5	64.8	•	10/19	1	1	34
Croplan RC5437	55.2	64.1	•	10/18	1	1	36
Progeny 5107RR	54.2	60.0	•	10/21	1	1	45
Terral TV52R28	53.5	61.7	•	10/20	1	1	39
HBK R5425	53.2	59.1	58.5	10/15	1	1	48
Legacy LS 54-17RR/STS	51.9	•	•	10/19	1	1	40
Dyna-Gro 33P54	50.2	61.7	•	10/17	1	1	35
GRAND MEAN	60.7	•	•	•	1	1	38
LSD (5%)	5.8	•	•	•	•	•	•
CV (%)	5.9	•	•	•	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

USG 75Z98	69.0	•	•1	10/22	1	1	35
MorSoy RT5688N	67.5	•	•	10/24	1	1	35
ASGROW AG 5606	65.9	•	•	10/23	1	1	44
ASGROW AG 5605	65.3	75.6	74.2	10/23	1	1	36
Delta Grow 5830RR	64.6	70.9	70.4	10/25	1	1	35
Dyna-Gro 33C59	64.6	71.7	•	10/23	1	1	33
Terral TV59R16	64.1	71.2	•	10/22	1	1	38

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
USG 7582nRR	64.1	70.3	71.4	10/26	1	1	40
AgVenture AV 57D7NRR	63.9	68.3	•	10/19	1	1	35
S04-21237	63.8	•	•	10/22	1	1	34
Pioneer 95Y70	63.7	•	•	10/25	1	1	46
MorSoy RT5906N	63.6	70.6	•	10/23	1	1	40
Croplan RC5663	63.3	•	•	10/22	1	1	33
Dyna-Gro 3583	63.0	69.6	70.8	10/27	1	1	42
USG ALLEN	62.3	72.5	•	10/21	1	1	41
Progeny 5650RR	61.9	69.2	69.2	10/22	1	1	37
ASGROW AG 5905	61.8	70.4	70.0	10/25	1	1	45
USG 75J97	61.7	70.0	•	10/23	1	1	46
Deltapine DP 5634RR	61.0	69.2	70.1	10/23	1	1	41
HBK R5727	60.9	63.9	•	10/19	1	1	38
Delta Grow 5970RR	60.8	66.4	•	10/22	1	1	45
ASGROW AG 5803	60.7	•	•	10/20	1	1	40
Progeny 5622RR	60.6	•	•	10/23	1	1	37
Progeny 5706RR	59.9	69.3	69.3	10/26	1	1	42
AGS 568RR	59.8	66.5	•	10/21	1	1	37
AGS 606RR	59.2	65.5	•	10/24	1	1	37
HBK R5825	59.0	67.7	67.7	10/25	1	1	38
Dyna-Gro 32B57	58.0	•	•	10/22	1	1	38
R04-1276RR	57.0	66.9	•	10/26	1	1	46
Deltapine DP 5915RR	56.9	68.8	69.4	10/25	1	1	35
NK S59-B8 Brand	56.9	•	•	10/25	1	1	36
NK S56-D7	56.5	•	•	10/22	1	1	34
R04-1274RR	56.2	•	•	10/23	1	1	42
R01-4834RR	56.0	68.7	66.9	10/25	1	1	33
R04-170RR	54.6	•	•	10/26	1	1	36
GRAND MEAN	61.4	•	•	•	1	1	39
LSD (5%)	6.5	•	•	•	•	•	•
CV (%)	6.5	•	•	•	•	•	•

¹Average yield for 2005, 2007 and 2008

Soil Series Sharkey silty clay
 Previous Crop Grain Sorghum
 Row Width 38 inches
 Planting Date 6/3
 Herbicide Application(s) Metribuzin + Metolachlor, 6/2; Roundup 6/25, 7/14; Metribuzin + Roundup, 8/4
 Irrigation Dates 6/16, 7/17, 7/31
 Harvest Dates MG 4E 10/20; MG 4L 10/20; MG 5E 11/2; MG 5L 11/2

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008		8.0	5.6	0.7	1.8	4.1	5.2	25.4
Average		4.9	5.2	4.0	3.7	2.8	3.9	24.5
Departure		3.1	0.4	-3.3	-1.9	1.3	1.3	0.9

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
NK S46-U6 Brand	62.6	47.1	50.2	10/10	1	1	39
Delta Grow 4460RR	59.6	46.3	48.4	10/05	1	1	38
HBK R4527	58.1	42.9	•	10/06	1	1	39
MPG 4406nRR	57.8	45.1	•	10/05	1	1	40
MPG 4509nRR/STS	57.2	•	•	10/07	1	1	29
Armor ARX4560	56.9	•	•	10/08	1	1	32
Delta King DK 4667	56.7	42.1	45.8	10/05	1	1	36
Terral TV46R15	56.0	37.3	42.6	10/01	2	1	41
MorSoy RT4485N	55.7	41.6	46.5	10/05	1	1	37
Pioneer 94Y20	55.3	•	•	10/03	1	1	35
MPG 48-3nRR	55.3	•	•	10/04	1	1	33
Terral TV45R18	54.7	40.0	•	10/01	1	1	34
Dyna-Gro 37F46	54.5	37.9	42.4	10/07	1	1	39
Progeny 4405RR	54.4	39.7	•	10/05	1	1	39
MorSoy RT4556N	54.2	41.3	•	10/10	1	1	34
ASGROW AG 4606	53.9	•	•	10/01	1	1	35
ASGROW AG 4303	53.8	•	•	10/04	1	1	29
Schillinger 457.RCP	53.8	41.4	•	10/06	2	1	39
MorSoy RT4488N	53.7	•	•	10/06	1	1	29
ASGROW AG 4405	53.7	43.5	•	10/02	1	1	28
Dyna-Gro 37A44	53.7	43.6	47.7	10/05	1	1	36
ASGROW AG 4605	53.6	39.2	•	10/12	1	1	30
Dyna-Gro 36C44	53.5	•	•	10/05	1	1	28
Terral TV44R27	53.3	39.1	44.3	10/04	1	1	38
Dyna-Gro 32R46	52.9	40.0	44.9	10/07	1	1	29
Delta King DK XTJ946	52.8	•	•	9/29	1	1	37
Armor 44-K6	52.8	•	•	10/03	1	1	26
AgVenture AV 46P1RR	52.8	•	•	10/08	1	1	29
MorSoy RT4688N	52.8	•	•	10/10	1	1	34
ASGROW DKB 46-51	52.1	38.5	•	10/10	1	1	35
Pioneer 94Y60	51.6	•	•	10/06	1	1	31
Progeny 4508RR	51.5	•	•	10/03	1	1	31
Progeny 4606RR	51.5	43.3	47.0	10/09	1	1	29
Deltapine DP 4546RR	51.5	40.0	43.1	10/05	1	1	40
Terral TV46R19	51.5	•	•	10/01	1	1	34
Progeny 4206RR	51.3	39.0	•	10/05	1	1	28
Delta Grow 4660RR	50.8	42.7	46.0	10/06	1	1	36
AgVenture AV 46J5NNR	50.8	40.4	43.5	10/04	1	1	27
NK S45-E5 Brand	50.6	40.1	•	10/05	1	1	36
Pioneer 94Y10	50.5	•	•	9/30	1	1	32
Dyna-Gro 33Y45	50.4	41.1	•	10/07	1	1	31
Progeny 4408RR	50.4	•	•	10/04	1	1	28
USG 74A45	50.2	•	•	10/04	1	1	43
Schillinger 458.RCS	49.8	•	•	10/08	1	1	32
Armor 42-M1	49.2	•	•	10/08	1	1	33
USG 74E68	48.5	•	•	10/03	1	1	35
HBK R3824	47.8	36.4	41.2	9/29	1	1	36
HBK R3927	47.3	35.6	•	10/01	2	1	42
Schillinger 448.RCS	46.3	•	•	10/01	1	1	38
MorSoy RT4648N	44.6	•	•	10/03	1	1	31
GRAND MEAN	52.9	•	•	•	1	1	34
LSD (5%)	6.4	•	•	•	•	•	•
CV (%)	7.5	•	•	•	•	•	•

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>							
MorSoy RT4914N	62.1	47.4	50.7	10/10	1	1	40
AgVenture AV 50D2	60.9	38.0	•	10/12	2	1	41
Terral TV49R27	60.9	45.4	47.9	10/09	1	1	40
Terral TV47R17	60.6	45.7	47.3	10/16	1	1	41
Delta King DK XTJ847	60.2	43.9	•	10/05	1	1	40
Dyna-Gro 37P49	60.0	45.0	48.4	10/09	1	1	37
MPG 4808nRR	59.5	47.3	•	10/10	2	1	45
ASGROW AG 4903	59.5	46.4	48.9	10/10	1	1	36
Pioneer 94Y90	59.5	•	•	10/07	1	1	38
Pioneer 94M80	59.5	45.0	47.7	10/07	2	1	37
HBK R4727	59.4	42.3	•	10/08	1	1	36
ASGROW DK 4866	59.3	48.1	49.7	10/09	1	1	34
Delta King DK XTJ848	59.2	44.9	•	10/06	1	1	42
Progeny 4906RR	59.1	45.1	47.5	10/08	1	1	35
Schillinger 495.RC	58.9	44.1	48.4	10/09	1	1	40
Terral TV49R19	58.6	•	•	10/06	1	1	40
Legacy LS 47-57RR	58.6	42.0	•	10/10	1	1	37
ASGROW AG 4907	58.6	•	•	10/07	1	1	36
Delta Grow 4970RR	58.5	45.0	49.4	10/12	1	1	40
Dyna-Gro 36Y48	58.4	43.3	43.6	10/10	1	1	35
Delta King DK XTJ949	58.2	•	•	10/11	1	1	34
Terral TV47R18	57.7	43.6	•	10/08	1	1	40
NK S49-H7 Brand	57.5	47.8	46.8	10/10	1	1	36
Delta Grow 4975LARR	57.5	48.8	51.4	10/06	1	1	34
Armor 49-V6	57.5	42.9	44.4	10/08	1	1	40
USG 74A91	57.3	•	•	10/07	1	1	36
MorSoy RTs4955	57.2	43.4	44.8	10/12	1	1	37
Schillinger 478.RCS	56.9	•	•	10/07	1	1	32
Schillinger 499.RC	56.9	•	•	10/13	1	1	40
MPG 4909nRR	56.8	•	•	10/07	1	1	36
Progeny 4949RR	56.8	45.2	47.9	10/07	1	1	40
MPG 4907nRR/STS	56.7	•	•	10/11	1	1	39
Pioneer 94Y70	56.5	•	•	10/06	1	1	38
Delta King DK 4968	56.2	43.7	45.8	10/10	1	1	39
HBK R4924	56.2	43.1	44.1	10/07	1	1	38
Progeny 4908RR	56.2	•	•	10/07	1	1	34
Legacy LS 49-57RR	56.1	43.4	•	10/08	1	1	42
Progeny 4807RR	55.8	43.1	•	10/08	1	1	35
AgVenture AV 47G3NRR	55.7	43.1	•	10/07	1	1	38
Pioneer 94B73	55.6	44.0	48.2	10/02	1	1	34
USG 74F96	55.6	•	•	10/13	1	1	37
Delta Grow 4780RR	55.4	42.9	•	10/07	1	1	34
Delta Grow 4770RR	55.4	42.8	44.9	10/07	1	1	34
MorSoy RT4888N	55.4	•	•	10/06	1	1	35
USG 7495nRS	55.3	•	•	10/09	1	1	38
MPG 4705nRR	55.2	•	•	10/06	1	1	41
Deltapine DP 4888RR/S	55.0	45.3	46.2	10/05	1	1	38
AgVenture AV 49D6NRR	55.0	42.8	46.0	10/09	1	1	38
MPG 4905nRR	54.6	42.5	44.8	10/05	1	1	36
NK S47-D9 Brand	54.4	•	•	10/06	1	1	32
Delta Grow 4870RR	54.3	•	•	10/06	1	1	34
MorSoy RTs4707N	54.0	42.7	•	10/08	1	1	37
Terral TV49R17	54.0	39.6	43.3	10/06	1	1	42
Stine 4782-4	53.4	42.2	45.7	10/10	1	1	27
Eagle Seed ES 4777RR	53.4	41.2	•	10/08	1	1	36
NK S49-W6	53.4	42.5	46.9	10/14	1	1	34
Armor 47-F8	53.2	45.4	•	10/06	1	1	30

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9), continued							
AgVenture AV 49X9NRR	53.2	•	•	10/12	1	1	39
ASGROW AG 4705	52.5	•	•	10/05	1	1	37
Great Heart GT-462CRR	52.1	•	•	10/06	1	1	36
USG 74F78	52.1	39.2	•	10/09	1	1	34
Progeny 4918RR	51.9	•	•	10/10	1	1	36
Progeny 4706RR	51.9	41.5	45.7	10/07	1	1	36
ASGROW AG 4703	51.8	40.8	43.5	10/06	1	1	31
MorSoy RTs4706N	51.1	38.3	43.1	10/11	1	1	30
Progeny 4718RR	50.6	•	•	10/08	1	1	35
USG 74A88	50.2	•	•	10/08	1	1	37
Dyna-Gro 32P48	50.1	•	•	10/06	1	1	33
Delta King DK 4995	49.0	•	•	10/07	1	1	42
Armor ARX4717	48.6	•	•	10/08	1	1	35
Terral TV48R14	46.7	36.9	42.1	10/06	1	1	35
GRAND MEAN	55.8	•	•	•	1	1	37
LSD (5%)	6.8	•	•	•	•	•	•
CV (%)	7.6	•	•	•	•	•	•

Maturity Group V Early (RM 5.0 to 5.5)

Terral TV55R15	69.6	53.3	54.2	10/12	1	1	34
Delta Grow 5555RR	68.8	53.2	•	10/15	1	1	35
MPG 5407nRR	66.7	48.0	50.8	10/18	1	1	39
Dyna-Gro 35F55	66.7	•	•	10/15	1	1	36
Stine 5482-4	66.5	48.3	•	10/12	1	1	25
USG 7553nRR	65.6	49.3	50.6	10/13	1	1	33
Delta King DK 5567	64.8	50.5	50.5	10/18	1	1	31
MorSoy RT5388N	64.5	•	•	10/14	1	1	35
MorSoy RT5306N	64.2	49.2	49.8	10/15	1	1	31
Delta Grow 5450RR	64.0	51.3	•	10/17	1	1	36
MorSoy RT5506N	63.6	50.0	50.8	10/15	1	1	32
HBK R5226	63.3	48.6	49.1	10/16	1	1	33
HBK R5525	63.2	46.5	48.7	10/17	1	1	35
AgVenture AV 50X6RR	63.0	•	•	10/13	1	1	36
Pioneer 95M50	62.8	46.7	50.3	10/15	1	1	36
AgVenture AV 52P2NRR	62.6	44.4	•	10/14	1	1	30
Pioneer 95Y20	62.5	•	•	10/15	1	1	28
MPG 5308nRR	62.2	49.6	49.5	10/08	1	1	34
ASGROW AG 5503	62.0	•	•	10/13	1	1	34
Pioneer 95Y41	61.9	•	•	10/13	1	1	36
Schillinger 557.RC	61.6	46.1	•	10/14	1	1	33
Delta Grow 5570RR/STS	61.5	50.0	•	10/14	1	1	29
Progeny 5408RR	61.5	•	•	10/17	1	1	34
Deltapine DP 5335RR/S	61.4	46.8	•	10/10	1	1	36
ASGROW DK 5068	61.2	42.7	47.4	10/14	1	1	34
Delta King DK 52K6	61.1	47.2	50.7	10/12	1	1	31
Armor 53-Z5	60.8	•	•	10/16	1	1	30
Armor 55-A5	60.7	44.2	•	10/16	1	1	26
NK S52-F2 Brand	60.6	47.4	51.3	10/13	1	1	29
Croplan RC5437	60.5	46.0	•	10/11	1	1	37
HBK RS5227	60.4	44.4	•	10/17	1	1	30
AgVenture AV 53D3NRR	60.3	46.7	•	10/11	1	1	33
Pioneer 95Y40	60.1	•	•	10/17	1	1	29
Armor GP-533	60.1	44.2	49.3	10/14	1	1	33
Dyna-Gro 33B52	60.1	47.7	49.3	10/17	1	1	27
Terral TV52R14	60.0	42.4	44.5	10/15	1	1	34

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5), continued</u>							
USG 75Z38	60.0	•	•	10/15	1	1	32
ASGROW AG 5304	59.9	•	•	10/15	1	1	29
Terral TV52R757	59.8	•	•	10/12	1	1	31
ASGROW AG 5501	59.5	45.7	45.4	10/15	1	1	34
Dyna-Gro 33X55	59.3	47.4	49.9	10/14	1	1	37
Delta Grow 5170RR	59.2	•	•	10/09	1	1	31
HBK R5425	59.2	42.8	46.1	10/16	1	1	42
AgVenture AV 54X4RR	59.1	•	•	10/18	1	1	32
MorSoy RT5168N	59.0	•	•	10/09	1	1	36
Eagle Seed ES 5519RR	58.7	•	•	10/16	1	1	39
Eagle Seed ES 5555RR	58.7	•	•	10/17	1	1	30
ASGROW AG 5301	58.5	46.5	48.1	10/11	1	1	33
Delta King DK XTJ950	58.4	•	•	10/19	1	1	35
Legacy LS 54-27RR	58.3	38.2	•	10/13	1	1	28
MorSoy RT5288N	57.8	•	•	10/16	1	1	34
Schillinger 538.R	57.8	•	•	10/13	1	1	33
Progeny 5108RR	57.7	•	•	10/16	1	1	39
Armor GP-500	57.6	42.6	•	10/18	1	1	38
Progeny 5115RR	57.5	41.9	43.7	10/12	1	1	35
MPG 5505nRR/STS	57.4	46.4	48.2	10/16	1	1	31
Terral TV54R28	57.3	42.5	•	10/17	1	1	33
Dyna-Gro 32A53	56.6	42.7	45.5	10/15	1	1	32
Dyna-Gro 31R54	56.5	44.8	•	10/13	1	1	34
Delta Grow 5300RR	56.1	43.2	45.6	10/15	1	1	30
Progeny 5218RR	56.0	•	•	10/18	1	1	30
Progeny 5308RR	56.0	•	•	10/15	1	1	29
Progeny 5107RR	55.9	40.3	•	10/14	1	1	38
Dyna-Gro 33P54	54.7	42.3	•	10/12	1	1	29
AgVenture AV 51X5RR	54.4	•	•	10/16	1	1	36
Terral TV52R28	54.4	46.1	•	10/18	1	1	38
Legacy LS 54-17RR/STS	53.0	•	•	10/19	1	1	35
Progeny 5208RR	51.7	•	•	10/17	1	1	30
GRAND MEAN	60.2	•	•	•	1	1	33
LSD (5%)	6.4	•	•	•	•	•	•
CV (%)	6.6	•	•	•	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

Pioneer 95Y70	66.4	•	•	10/19	1	1	40
Terral TV59R16	66.4	52.3	54.9	10/19	1	1	35
Dyna-Gro 33C59	66.4	51.7	•	10/20	1	1	33
MorSoy RT5688N	65.6	•	•	10/21	1	1	33
Progeny 5622RR	65.6	•	•	10/20	1	1	34
USG 75Z98	64.0	•	•	10/19	1	1	35
ASGROW AG 5606	63.0	•	•	10/20	1	1	40
Dyna-Gro 3583	62.9	47.4	50.5	10/18	1	1	36
USG 7582nRR	62.5	49.1	52.8	10/25	1	1	35
Delta Grow 5830RR	62.4	48.5	52.6	10/22	1	1	38
HBK R5727	61.9	47.1	•	10/17	1	1	32
S04-21237	61.7	•	•	10/23	1	1	32
Progeny 5706RR	61.6	48.2	52.4	10/23	1	1	35
ASGROW AG 5605	61.5	46.5	50.6	10/23	1	1	36
MorSoy RT5906N	61.4	45.2	•	10/20	1	1	35
Progeny 5650RR	61.3	45.9	51.8	10/20	1	1	33
ASGROW AG 5905	61.1	44.7	47.4	10/19	1	1	39
Croplan RC5663	60.8	•	•	10/24	1	1	33

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
AgVenture AV 57D7NRR	60.7	49.0	52.5	10/16	1	1	26
Deltapine DP 5915RR	60.6	47.9	51.9	10/22	1	1	33
ASGROW AG 5803	60.5	•	•	10/17	1	1	37
Dyna-Gro 32B57	60.0	•	•	10/20	1	1	32
USG ALLEN	60.0	46.6	50.3	10/19	1	1	31
HBK R5825	59.7	44.4	48.9	10/23	1	1	33
Delta Grow 5970RR	59.1	42.9	•	10/20	1	1	38
AGS 568RR	59.1	47.9	51.3	10/18	1	1	32
AGS 606RR	58.8	47.1	•	10/23	1	1	31
USG 75J97	58.5	44.8	•	10/20	1	1	36
NK S59-B8 Brand	57.2	•	•	10/22	1	1	32
Deltapine DP 5634RR	57.0	42.7	47.3	10/18	1	1	35
R01-4834RR	56.8	42.3	46.9	10/23	1	1	32
R04-170RR	55.4	•	•	10/23	1	1	28
NK S56-D7	54.4	•	•	10/20	1	1	34
R04-1276RR	53.6	39.6	•	10/18	1	1	33
R04-1274RR	52.8	•	•	10/20	1	1	38
GRAND MEAN	60.6	•	•	•	1	1	34
LSD (5%)	5.2	•	•	•	•	•	•
CV (%)	5.3	•	•	•	•	•	•

Soil Series Sharkey silty clay
 Previous Crop Grain Sorghum
 Row Width 38 inches
 Planting Date 6/3
 Herbicide Application(s) Metribuzin + Metolachlor, 6/2; Roundup 6/25, 7/14; Metribuzin + Roundup, 8/4
 Fungicide Application(s) Quadris + Domark, 9/16
 Harvest Dates MG 4E 10/19; MG 4L 10/19; MG 5E 10/31; MG 5L 10/31

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008	Average	8.0	5.6	0.7	1.8	4.1	5.2	25.4
	Departure	4.9	5.2	4.0	3.7	2.8	3.9	24.5
		3.1	0.4	-3.3	-1.9	1.3	1.3	0.9

**Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
MPG 4509nRR/STS	93.2	•	•	9/11	1	1	28
ASGROW AG 4303	93.2	•	•	9/14	1	1	32
MPG 4406nRR	91.9	80.0	•	9/17	3	2	36
Armor 44-K6	91.8	•	•	9/14	1	1	29
USG 74E68	91.5	•	•	9/11	2	1	38
MorSoy RT4488N	90.8	•	•	9/16	2	1	30
MorSoy RT4485N	90.7	80.3	80.6	9/19	2	1	41
Armor 42-M1	89.9	•	•	9/15	2	1	32
Pioneer 94Y20	88.6	•	•	9/17	4	1	36
Dyna-Gro 37A44	88.4	76.1	78.4	9/18	2	1	40
Progeny 4408RR	87.9	•	•	9/15	1	1	27
Dyna-Gro 36C44	87.8	•	•	9/15	1	1	28
Delta Grow 4460RR	86.8	75.9	73.4	9/14	3	2	39
NK S46-U6 Brand	86.7	78.8	80.3	9/20	2	3	38
ASGROW AG 4405	86.3	73.5	•	9/17	2	2	37
ASGROW AG 4606	86.3	•	•	9/15	1	1	32
ASGROW AG 4605	85.6	77.2	•	9/20	1	1	33
Schillinger 458.RCS	84.7	•	•	9/18	1	1	35
Progeny 4405RR	84.5	70.5	•	9/14	3	2	41
Terral TV44R27	84.4	71.7	70.1	9/15	3	1	40
Pioneer 94Y60	83.9	•	•	9/17	1	1	33
AgVenture AV 46J5NNR	83.7	73.0	69.5	9/11	1	1	31
Progeny 4206RR	82.5	78.6	•	9/13	2	1	34
Schillinger 457.RCP	81.8	72.5	•	9/18	2	2	46
ASGROW DKB 46-51	81.2	74.1	71.3	9/15	2	1	35
Dyna-Gro 33Y45	81.2	75.4	•	9/14	1	2	30
NK S45-E5 Brand	80.8	73.1	•	9/16	1	1	38
Pioneer 94Y10	80.3	•	•	9/14	2	2	38
MPG 48-3nRR	79.2	•	•	9/19	2	1	40
AgVenture AV 46P1RR	78.6	•	•	9/18	2	1	34
MorSoy RT4648N	78.2	•	•	9/18	2	1	31
Progeny 4508RR	78.0	•	•	9/18	2	1	40
MorSoy RT4556N	77.6	70.3	•	9/14	2	1	36
USG 74A45	77.2	•	•	9/17	3	2	44
Armor ARX4560	76.7	•	•	9/18	3	1	38
MorSoy RT4688N	76.7	•	•	9/16	2	1	34
Terral TV45R18	76.3	69.0	•	9/14	2	1	39
Dyna-Gro 32R46	75.6	76.9	75.6	9/16	1	1	30
Terral TV46R15	74.1	67.8	67.4	9/16	3	1	38
Progeny 4606RR	74.0	68.5	72.2	9/19	1	1	30
HBK R3927	74.0	65.6	•	9/18	4	1	39
Delta King DK 4667	73.5	65.7	67.1	9/14	4	2	43
Dyna-Gro 37F46	71.4	61.7	61.4	9/17	4	2	40
HBK R4527	71.2	65.5	•	9/16	3	1	40
Delta Grow 4660RR	69.4	65.0	65.2	9/17	3	1	41
Schillinger 448.RCS	68.1	•	•	9/13	3	2	33
HBK R3824	67.8	60.6	57.5	9/13	3	2	33
Deltapine DP 4546RR	67.5	64.0	61.7	9/15	2	2	41
Terral TV46R19	65.8	•	•	9/15	2	1	35
Delta King DK XTJ946	65.6	•	•	9/15	2	1	37
GRAND MEAN	80.9	•	•	•	2	1	36
LSD (5%)	6.2	•	•	•	1	1	•
CV (%)	4.7	•	•	•	28	40	•

**Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9)							
MPG 4705nRR	93.1	•	•	9/15	2	1	36
Legacy LS 47-57RR	91.2	77.9	•	9/16	2	1	36
Pioneer 94Y70	90.6	•	•	9/15	2	1	38
ASGROW AG 4703	89.4	74.9	73.0	9/16	2	1	36
Progeny 4807RR	86.9	75.4	•	9/16	2	1	37
AgVenture AV 50D2	86.4	71.8	•	9/23	2	1	37
Dyna-Gro 36Y48	86.4	75.5	73.8	9/25	3	1	36
Armor 49-V6	85.8	72.8	73.1	9/25	2	1	35
Progeny 4718RR	85.7	•	•	9/14	2	1	38
MPG 4905nRR	85.4	73.2	71.5	9/14	2	1	39
Great Heart GT-462CRR	85.2	•	•	9/14	2	2	35
NK S47-D9 Brand	84.8	•	•	9/16	1	1	33
MorSoy RTs4707N	84.8	76.2	•	9/19	3	1	39
USG 7495nRS	84.7	•	•	9/23	3	1	34
Progeny 4706RR	84.4	73.1	73.4	9/15	2	1	30
Delta Grow 4780RR	83.3	75.3	•	9/16	3	1	35
HBK R4727	83.3	74.1	•	9/24	2	1	38
Armor ARX4717	83.2	•	•	9/24	1	1	29
MPG 4907nRR/STS	83.1	•	•	9/24	3	1	36
Delta Grow 4770RR	82.7	76.3	74.8	9/15	2	1	38
Schillinger 478.RCS	82.7	•	•	9/23	2	1	34
Pioneer 94M80	82.6	70.0	69.2	9/14	2	2	34
ASGROW AG 4705	82.3	•	•	9/15	3	1	35
Schillinger 495.RC	81.9	69.5	70.6	9/25	2	1	36
Delta Grow 4870RR	81.6	•	•	9/21	3	1	37
AgVenture AV 47G3NRR	81.5	66.6	•	9/17	3	1	41
Delta King DK XTJ848	81.5	75.5	•	9/14	2	2	46
MPG 4909nRR	81.5	•	•	9/23	2	1	36
USG 74A91	80.9	•	•	9/20	2	1	44
Progeny 4906RR	80.6	72.7	73.1	9/24	2	1	40
USG 74A88	80.3	•	•	9/15	2	1	36
MorSoy RTs4955	79.9	71.2	69.0	9/26	3	1	38
Progeny 4918RR	79.7	•	•	9/19	2	1	37
MPG 4808nRR	79.7	71.5	•	9/24	2	1	42
MorSoy RTs4706N	79.4	74.9	76.7	9/20	1	1	31
Stine 4782-4	79.3	75.3	75.5	9/22	1	1	35
Delta Grow 4975LARR	79.0	69.9	72.2	9/24	1	2	42
MorSoy RT4914N	78.7	66.1	67.7	9/24	4	1	39
Dyna-Gro 37P49	78.4	70.9	71.3	9/24	2	1	41
Delta King DK XTJ847	77.6	72.4	•	9/23	2	1	38
ASGROW AG 4907	77.0	•	•	9/24	2	1	37
Dyna-Gro 32P48	76.8	•	•	9/16	2	1	36
ASGROW DK 4866	76.8	67.6	69.2	9/23	2	1	43
Armor 47-F8	76.8	73.0	•	9/22	1	1	31
Deltapine DP 4888RR/S	76.1	64.9	65.2	9/25	2	1	44
MorSoy RT4888N	75.9	•	•	9/17	2	1	28
USG 74F78	75.7	63.2	•	9/15	2	1	33
Delta King DK 4968	74.9	60.6	63.3	9/23	2	1	33
NK S49-H7 Brand	74.9	70.8	69.5	9/24	2	1	40
Eagle Seed ES 4777RR	74.8	72.8	•	9/23	2	1	35
Delta King DK XTJ949	74.3	•	•	9/26	2	1	37
USG 74F96	73.1	•	•	9/24	2	1	32

**Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9), continued							
Progeny 4908RR	73.1	•	•	9/24	2	1	37
Legacy LS 49-57RR	72.9	66.1	•	9/16	2	1	40
HBK R4924	72.4	66.3	67.3	9/22	3	2	43
Pioneer 94B73	72.3	58.7	58.3	9/14	3	1	38
Pioneer 94Y90	71.3	•	•	9/14	3	2	39
Delta Grow 4970RR	71.2	63.4	67.1	9/24	4	2	36
Terral TV49R27	70.2	61.7	64.6	9/24	3	1	35
Schillinger 499.RC	68.7	•	•	9/25	4	1	38
ASGROW AG 4903	68.5	66.3	65.7	9/21	1	1	32
NK S49-W6	68.1	64.7	64.3	9/23	1	1	33
Progeny 4949RR	67.2	57.8	60.1	9/23	2	1	40
Terral TV47R17	66.1	61.7	63.2	9/24	4	2	48
Terral TV47R18	66.1	58.0	•	9/23	2	1	32
Terral TV48R14	66.0	57.8	59.4	9/17	2	1	41
Terral TV49R17	65.2	58.3	59.3	9/22	2	1	39
AgVenture AV 49D6NRR	64.5	64.2	64.8	9/24	3	2	43
AgVenture AV 49X9NRR	62.1	•	•	9/24	4	1	40
Delta King DK 4995	61.1	•	•	9/23	2	2	42
Terral TV49R19	60.4	•	•	9/23	2	1	40
GRAND MEAN	77.8	•	•	•	2	1	37
LSD (5%)	10.2	•	•	•	1	1	•
CV (%)	8.1	•	•	•	29	31	•

Maturity Group V Early (RM 5.0 to 5.5)

MorSoy RT5388N	79.3	•	•	9/27	1	1	40
Progeny 5408RR	78.3	•	•	9/24	1	1	37
MorSoy RT5506N	77.8	72.7	71.6	9/25	2	1	37
Delta Grow 5300RR	77.5	70.1	70.0	9/28	2	1	38
ASGROW AG 5304	75.6	•	•	9/22	1	1	35
MorSoy RT5168N	75.4	•	•	9/21	3	1	42
Delta Grow 5170RR	75.0	•	•	9/21	2	1	33
AgVenture AV 53D3NRR	74.5	69.2	•	9/25	2	1	33
Armor 53-Z5	74.4	•	•	9/24	1	1	33
HBK RS5227	73.6	70.1	•	9/23	1	1	32
ASGROW DK 5068	73.6	63.2	64.9	9/21	3	1	42
Schillinger 557.RC	72.9	73.1	•	9/24	1	1	31
MPG 5505nRR/STS	72.9	71.9	70.0	9/24	2	1	37
Stine 5482-4	72.9	67.2	•	9/20	2	1	33
MPG 5308nRR	72.4	68.6	67.8	9/23	3	1	37
AgVenture AV 51X5RR	72.4	•	•	9/26	1	2	44
MPG 5407nRR	72.2	70.4	69.6	9/27	2	1	43
AgVenture AV 50X6RR	72.0	•	•	9/22	3	1	39
Deltapine DP 5335RR/S	71.1	67.2	•	9/26	1	1	44
Dyna-Gro 33P54	71.0	69.3	•	9/21	2	1	33
ASGROW AG 5301	70.9	66.2	65.7	9/22	2	2	39
ASGROW AG 5501	70.8	69.4	70.3	9/26	2	1	34
Armor 55-A5	70.5	63.3	•	10/01	1	1	28
MorSoy RT5306N	70.3	64.8	66.6	9/27	2	1	38
Progeny 5108RR	69.9	•	•	9/22	1	1	49
Progeny 5115RR	68.9	64.4	62.6	9/21	2	1	46
USG 7553nRR	68.9	70.4	69.3	9/26	2	1	33
MorSoy RT5288N	68.9	•	•	9/26	2	1	26
Legacy LS 54-17RR/STS	68.7	•	•	10/01	2	2	44
HBK R5525	68.4	70.9	70.9	10/01	2	1	40

**Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Early (RM 5.0 to 5.5), continued							
Progeny 5208RR	67.6	•	•	9/20	2	1	44
Delta King DK XTJ950	67.6	•	•	9/25	2	1	50
Pioneer 95Y41	67.3	•	•	9/23	3	1	37
ASGROW AG 5503	67.3	•	•	9/24	2	1	40
Progeny 5308RR	67.2	•	•	9/28	1	1	30
USG 75Z38	67.0	•	•	9/26	2	1	34
NK S52-F2 Brand	66.7	66.3	65.8	9/25	2	1	34
Delta Grow 5570RR/STS	66.5	62.7	•	9/26	1	1	33
Armor GP-500	66.2	66.3	•	9/23	1	1	30
Dyna-Gro 32A53	65.8	59.4	60.1	9/27	2	1	34
Delta King DK 52K6	65.8	68.3	68.5	10/02	1	1	39
Dyna-Gro 33B52	65.4	64.7	63.4	9/21	2	1	27
Terral TV52R757	65.1	•	•	9/30	1	1	33
Progeny 5218RR	64.8	•	•	9/25	2	1	31
Pioneer 95M50	64.7	69.3	69.4	10/02	2	1	42
Armor GP-533	64.5	66.5	64.1	9/25	1	1	32
Pioneer 95Y40	64.3	•	•	9/26	2	1	33
Legacy LS 54-27RR	63.8	56.3	•	9/24	1	1	30
Terral TV52R14	63.6	66.4	66.7	9/23	2	1	32
Pioneer 95Y20	63.0	•	•	9/23	2	1	36
Dyna-Gro 31R54	62.9	62.0	•	9/27	2	1	32
AgVenture AV 52P2NRR	62.7	59.1	•	9/29	2	1	38
Terral TV54R28	62.5	63.3	•	9/24	2	1	40
Terral TV55R15	62.0	62.5	58.9	9/26	3	1	38
Terral TV52R28	62.0	58.6	•	9/26	3	1	38
Delta King DK 5567	61.8	67.4	66.6	10/02	2	1	34
HBK R5226	60.0	63.8	62.2	9/26	2	1	33
Delta Grow 5450RR	59.4	62.3	•	9/30	2	1	36
AgVenture AV 54X4RR	58.4	•	•	10/01	2	1	41
Eagle Seed ES 5519RR	57.8	•	•	10/03	2	1	37
Dyna-Gro 33X55	57.5	65.5	65.3	10/02	1	1	38
Dyna-Gro 35F55	57.3	•	•	9/27	3	1	30
Schillinger 538.R	56.6	•	•	9/26	1	1	35
HBK R5425	56.6	57.5	56.5	10/01	2	1	44
Eagle Seed ES 5555RR	56.5	•	•	9/23	1	1	32
Croplan RC5437	55.5	56.9	•	9/30	2	1	38
Delta Grow 5555RR	55.5	61.0	•	9/26	2	1	38
Progeny 5107RR	49.7	49.8	•	9/27	4	1	42
GRAND MEAN	66.9	•	•	•	2	1	37
LSD (5%)	10.0	•	•	•	1	1	•
CV (%)	9.3	•	•	•	30	30	•

Maturity Group V Late (RM 5.6 to 5.9)

Croplan RC5663	74.3	•	•	9/23	2	1	33
ASGROW AG 5605	72.5	70.8	67.6	9/26	2	1	35
S04-21237	72.3	•	•	9/27	2	1	34
USG 7582nRR	71.8	64.9	63.3	10/04	2	1	35
Deltapine DP 5915RR	71.4	67.7	65.9	10/04	2	1	40
USG 75Z98	69.2	•	•	10/01	2	1	34
ASGROW AG 5606	69.1	•	•	9/26	2	1	36
Dyna-Gro 3583	68.8	63.9	62.0	9/26	2	1	34
AgVenture AV 57D7NRR	68.4	68.0	64.9	9/27	2	1	34

**Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008, continued.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
ASGROW AG 5905	68.3	65.3	63.9	10/01	2	1	36
ASGROW AG 5803	68.2	•	•	9/25	2	1	37
MorSoy RT5688N	68.1	•	•	9/27	2	1	35
Dyna-Gro 33C59	66.9	68.3	•	9/26	2	1	35
USG ALLEN	66.6	65.3	61.9	10/02	2	1	38
Delta Grow 5970RR	66.4	65.3	•	10/04	3	1	40
AGS 568RR	66.3	66.4	64.0	9/28	1	1	37
Progeny 5622RR	66.1	•	•	9/27	2	1	35
Deltapine DP 5634RR	65.9	65.6	66.0	9/24	2	1	43
Delta Grow 5830RR	65.0	64.7	65.5	10/03	2	1	36
Terral TV59R16	65.0	65.2	64.7	10/02	2	1	37
R04-170RR	64.7	•	•	9/28	2	1	28
NK S59-B8 Brand	64.5	•	•	9/27	1	1	41
HBK R5825	64.1	62.0	60.1	10/04	2	1	35
MorSoy RT5906N	62.9	62.9	•	10/04	2	1	39
USG 75J97	62.3	63.7	•	10/01	2	1	33
Progeny 5706RR	61.5	58.7	58.1	10/03	2	1	33
R04-1276RR	61.4	63.9	•	9/23	2	1	40
Progeny 5650RR	60.9	61.2	62.2	10/04	3	1	33
Dyna-Gro 32B57	60.2	•	•	9/25	2	1	37
NK S56-D7	60.0	•	•	9/25	2	1	36
AGS 606RR	59.8	59.5	•	10/03	1	1	34
R04-1274RR	57.7	•	•	9/24	2	1	37
R01-4834RR	55.2	56.0	58.8	9/26	2	1	31
Pioneer 95Y70	54.7	•	•	9/29	3	1	39
HBK R5727	53.7	56.3	•	9/26	2	1	38
GRAND MEAN	65.0	•	•	•	2	1	36
LSD (5%)	10.0	•	•	•	1	•	•
CV (%)	9.4	•	•	•	25	•	•

Soil Series Calloway silt loam
 Previous Crop Soybean
 Row Width 30 inches
 Fertilizer Application(s) 0-0-100, 3/25
 Planting Date 5/29
 Herbicide Application(s) Roundup + Dual +Reflex + Storm, 5/30; Roundup + Flexstar, 6/26;
 FirstRate + Dual + Roundup, 7/14
 Insecticide Application(s) Karate, 8/16
 Irrigation Dates 6/14, 6/28, 7/19, 7/24
 Harvest Dates MG 4E, 10/1; MG 4L, 10/2; MG 5E, 10/10; MG 5L, 10/10

	Precipitation (inches)						
	April	May	June	July	August	September	Total
2008	11.0	3.9	1.5	2.1	6.0	2.6	27.1
Average	5.4	5.2	3.4	4.0	2.8	4.0	24.8
Departure	5.6	-1.3	-1.9	-1.9	3.2	-1.4	2.3

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
ASGROW AG 4606	77.6	•	•	9/18	1	1	33
ASGROW AG 4605	74.4	68.6	•	9/24	1	1	25
Dyna-Gro 37A44	73.9	65.4	65.7	9/26	2	1	37
MorSoy RT4556N	73.4	65.9	•	9/24	1	1	30
Pioneer 94Y60	72.5	•	•	9/18	2	1	28
NK S46-U6 Brand	71.5	67.5	69.8	9/24	3	1	37
Dyna-Gro 33Y45	71.1	66.0	•	9/26	1	1	32
MPG 4406nRR	71.0	64.5	•	9/22	2	1	34
AgVenture AV 46P1RR	70.8	•	•	9/22	2	1	30
Pioneer 94Y10	70.7	•	•	9/16	2	1	28
USG 74A45	70.3	•	•	9/18	2	1	36
Progeny 4606RR	69.9	66.2	64.4	9/26	1	1	25
Progeny 4405RR	69.6	63.3	•	9/18	3	1	36
Schillinger 458.RCS	69.6	•	•	9/24	1	1	22
Delta Grow 4460RR	69.5	62.2	62.2	9/24	2	1	36
ASGROW AG 4405	69.4	63.3	•	9/22	2	1	26
ASGROW DKB 46-51	69.3	61.2	64.7	9/22	2	1	32
Armor 42-M1	69.2	•	•	9/24	1	1	24
Dyna-Gro 36C44	69.1	•	•	9/18	1	1	23
HBK R4527	69.1	67.6	•	9/18	3	1	40
Pioneer 94Y20	68.7	•	•	9/18	3	1	29
Schillinger 457.RCP	68.4	60.0	•	9/18	2	1	31
USG 74E68	67.9	•	•	9/12	2	1	37
Dyna-Gro 32R46	67.8	66.1	66.9	9/28	1	1	30
MorSoy RT4688N	67.4	•	•	9/24	2	1	29
MPG 4509nRR/STS	67.3	•	•	9/18	1	1	23
Progeny 4408RR	67.2	•	•	9/18	1	1	23
Armor ARX4560	67.0	•	•	9/24	3	1	30
Progeny 4508RR	66.7	•	•	9/22	1	1	26
MorSoy RT4485N	66.3	59.9	64.4	9/24	2	1	33
Armor 44-K6	66.0	•	•	9/16	1	1	23
Terral TV46R19	65.8	•	•	9/26	2	1	41
MorSoy RT4488N	65.4	•	•	9/24	1	1	23
Dyna-Gro 37F46	65.0	65.2	65.7	9/22	3	1	37
Delta King DK 4667	64.8	65.4	66.3	9/22	3	1	40
Terral TV44R27	64.7	61.3	61.0	9/22	2	1	36
Delta Grow 4660RR	64.5	65.4	65.1	9/22	3	1	36
MPG 48-3nRR	64.5	•	•	9/24	2	1	34
MorSoy RT4648N	63.6	•	•	9/22	2	1	32
Delta King DK XTJ946	63.4	•	•	9/22	2	1	40
Schillinger 448.RCS	62.9	•	•	9/16	3	1	27
Terral TV46R15	62.9	58.0	57.1	9/24	3	1	30
Deltapine DP 4546RR	62.6	58.6	58.5	9/26	3	1	34
Terral TV45R18	62.0	54.9	•	9/18	2	1	35
ASGROW AG 4303	61.4	•	•	9/16	1	1	23
HBK R3927	61.2	58.4	•	9/18	3	1	30
Progeny 4206RR	61.2	59.2	•	9/18	1	1	32
AgVenture AV 46J5NNR	61.0	50.8	53.3	9/18	1	1	31
NK S45-E5 Brand	59.0	57.0	•	9/16	2	1	35
HBK R3824	52.5	52.7	56.7	9/18	3	1	34
GRAND MEAN	67.0	•	•	•	2	1	31
LSD (5%)	8.5	•	•	•	1	•	•
CV (%)	7.8	•	•	•	25	•	•

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9)							
Delta Grow 4870RR	80.2	•	•	9/26	2	1	28
Dyna-Gro 32P48	79.5	•	•	9/30	3	1	31
Delta Grow 4975LARR	78.5	75.5	71.4	9/25	1	1	37
Delta King DK XTJ848	77.8	72.7	•	9/26	2	1	34
Progeny 4807RR	77.2	69.9	•	9/30	3	1	30
HBK R4727	77.2	68.6	•	9/26	1	1	26
ASGROW DK 4866	76.6	68.4	67.1	9/26	2	1	34
ASGROW AG 4703	76.4	68.0	68.2	9/22	1	1	29
MPG 4705nRR	76.3	•	•	9/22	1	1	29
MorSoy RT4914N	76.0	71.9	68.5	9/30	2	1	34
Delta Grow 4770RR	76.0	68.2	67.5	9/26	2	1	27
Dyna-Gro 37P49	75.8	74.2	71.4	9/24	2	1	35
Legacy LS 47-57RR	75.4	71.0	•	9/26	2	1	34
Dyna-Gro 36Y48	75.1	73.7	65.6	10/02	2	1	36
MorSoy RTs4706N	75.0	67.8	65.3	9/30	1	1	24
Delta Grow 4970RR	74.5	69.5	69.0	9/30	2	1	25
Delta Grow 4780RR	74.2	69.6	•	9/24	2	1	30
Progeny 4908RR	74.0	•	•	9/26	1	1	34
USG 74A88	73.9	•	•	9/24	2	1	28
Schillinger 478.RCS	73.8	•	•	9/26	1	1	35
Pioneer 94Y70	73.7	•	•	9/26	1	1	25
MPG 4909nRR	73.6	•	•	9/26	2	1	33
Schillinger 499.RC	73.5	•	•	9/26	2	1	31
MorSoy RT4888N	73.0	•	•	9/26	2	1	32
USG 7495nRS	72.8	•	•	9/26	2	1	30
USG 74A91	72.7	•	•	9/26	2	1	34
Deltapine DP 4888RR/S	72.4	66.0	65.9	9/24	3	1	34
ASGROW AG 4907	72.3	•	•	9/22	2	1	37
MPG 4808nRR	72.3	67.0	•	9/26	2	1	37
Eagle Seed ES 4777RR	72.3	71.8	•	9/30	1	1	27
Delta King DK 4968	71.4	69.0	66.6	9/26	2	1	30
MorSoy RTs4707N	71.4	65.4	•	9/26	2	1	31
Delta King DK XTJ847	71.4	64.9	•	9/30	1	1	31
Terral TV49R27	71.3	68.3	66.5	9/30	2	1	34
MPG 4905nRR	71.1	64.7	60.9	9/22	3	1	34
USG 74F96	70.7	•	•	10/06	1	1	29
Progeny 4906RR	70.6	68.5	67.2	9/30	2	1	39
Terral TV47R18	70.5	66.3	•	9/26	1	1	39
MorSoy RTs4955	70.4	68.6	64.9	9/30	2	1	34
Terral TV48R14	70.4	66.2	66.4	9/24	1	1	36
Pioneer 94M80	69.9	61.3	60.9	9/26	1	1	33
Delta King DK XTJ949	69.9	•	•	10/02	2	1	37
Schillinger 495.RC	69.8	68.2	67.3	9/30	2	1	30
ASGROW AG 4903	69.8	70.1	67.1	9/22	1	1	33
Armor 49-V6	69.7	66.1	63.0	9/24	2	1	29
AgVenture AV 49D6NRR	69.7	70.8	67.7	10/02	1	1	40
Progeny 4706RR	69.7	63.7	64.3	9/22	2	1	34
Progeny 4918RR	69.5	•	•	9/18	1	1	24
Terral TV47R17	69.4	64.6	62.0	9/30	2	1	36
NK S49-H7 Brand	69.1	67.2	68.8	9/26	1	1	35
Great Heart GT-462CRR	69.0	•	•	9/22	3	1	27
Stine 4782-4	69.0	65.8	66.6	9/26	1	1	26
Pioneer 94B73	68.1	59.2	62.0	9/22	3	1	32
AgVenture AV 47G3NRR	67.8	61.6	•	9/25	2	1	30

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued</u>							
NK S47-D9 Brand	67.7	•	•	9/30	1	1	30
HBK R4924	67.6	67.7	65.0	9/26	2	1	35
ASGROW AG 4705	66.7	•	•	9/26	3	1	26
Progeny 4949RR	66.6	63.6	63.8	9/26	2	1	37
Legacy LS 49-57RR	66.5	68.8	•	9/26	2	1	35
AgVenture AV 49X9NRR	66.3	•	•	10/02	3	1	40
Progeny 4718RR	65.9	•	•	9/26	2	1	34
Armor 47-F8	65.7	60.5	59.5	10/02	1	1	26
AgVenture AV 50D2	65.4	61.6	65.0	9/18	2	1	30
Pioneer 94Y90	65.4	•	•	9/22	2	1	30
MPG 4907nRR/STS	64.8	•	•	9/26	2	1	33
Terral TV49R17	64.7	63.3	64.5	9/26	1	1	38
Delta King DK 4995	64.3	•	•	9/26	2	1	35
USG 74F78	64.2	64.1	•	9/26	2	1	29
Armor ARX4717	62.7	•	•	9/26	1	1	25
NK S49-W6	62.2	61.1	64.0	9/26	2	1	27
Terral TV49R19	60.3			10/02	1	1	30
GRAND MEAN	71.0	•	•	•	2	1	32
LSD (5%)	8.6	•	•	•	1	•	•
CV (%)	7.5	•	•	•	28	•	•

Maturity Group V Early (RM 5.0 to 5.5)

Pioneer 95Y40	77.0	•	•	9/30	1	1	19
Armor GP-500	74.7	68.2	•	9/26	1	1	22
AgVenture AV 50X6RR	74.0	•	•	9/26	1	1	37
MPG 5505nRR/STS	73.5	68.5	68.1	10/02	1	1	29
Dyna-Gro 33B52	73.0	68.0	67.9	10/02	1	1	22
ASGROW DK 5068	71.9	67.0	64.5	9/24	2	1	40
MPG 5407nRR	71.7	67.2	69.8	9/22	1	1	39
Pioneer 95Y41	71.0	•	•	9/26	1	1	21
USG 7553nRR	70.7	64.7	67.3	10/02	1	1	26
Delta Grow 5170RR	69.3	•	•	9/30	1	1	26
Delta Grow 5300RR	69.0	66.6	67.9	9/30	1	1	26
MorSoy RT5168N	68.7	•	•	9/26	2	1	37
Armor 55-A5	68.5	69.4	•	10/06	1	1	17
Delta Grow 5555RR	67.5	69.9	•	10/08	1	1	31
ASGROW AG 5503	67.1	•	•	10/02	1	1	39
HBK RS5227	67.0	66.8	•	10/02	1	1	21
ASGROW AG 5301	67.0	62.4	65.0	10/02	1	1	25
MorSoy RT5506N	67.0	66.5	66.9	9/30	1	1	26
Terral TV54R28	66.5	63.3	•	10/02	1	1	28
MorSoy RT5288N	66.3	•	•	10/02	1	1	23
Dyna-Gro 35F55	65.3	•	•	10/06	1	1	27
Armor GP-533	65.2	67.2	69.1	10/04	1	1	23
Armor 53-Z5	64.9	•	•	9/30	1	1	21
Progeny 5115RR	64.9	70.4	69.1	9/26	1	1	36
Terral TV52R757	64.4	•	•	10/02	1	1	27
HBK R5525	64.4	67.0	69.6	10/08	1	1	23
Deltapine DP 5335RR/S	64.4	64.0	•	10/06	1	1	44
MorSoy RT5306N	64.2	65.1	65.0	10/02	1	1	26
Dyna-Gro 33X55	64.0	65.9	67.6	10/06	1	1	28
Delta King DK 5567	63.9	64.5	67.3	10/02	1	1	22
AgVenture AV 51X5RR	63.7	•	•	10/02	1	1	40

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Early (RM 5.0 to 5.5), continued							
Schillinger 557.RC	63.5	66.5	•	10/02	1	1	22
USG 75Z38	63.3	•	•	10/08	1	1	21
HBK R5425	63.2	66.1	67.5	10/08	3	1	40
NK S52-F2 Brand	62.8	62.5	64.1	10/02	1	1	21
AgVenture AV 54X4RR	62.7	•	•	10/06	1	1	29
ASGROW AG 5304	62.6	•	•	9/26	1	1	25
Eagle Seed ES 5519RR	62.6	•	•	9/30	1	1	25
MorSoy RT5388N	62.6	•	•	10/06	1	1	25
AgVenture AV 53D3NRR	62.5	63.4	•	10/02	1	1	22
Delta King DK XTJ950	62.3	•	•	9/24	1	1	40
ASGROW AG 5501	62.2	64.0	68.6	10/02	1	1	30
Delta King DK 52K6	61.8	65.8	68.1	10/08	1	1	23
HBK R5226	61.8	63.1	66.2	10/08	1	1	25
Progeny 5108RR	61.7	•	•	9/26	1	1	44
Pioneer 95M50	61.6	61.9	67.6	10/02	1	1	28
Stine 5482-4	61.6	61.9	•	10/02	1	1	21
Dyna-Gro 31R54	61.5	62.1	•	10/02	1	1	22
Terral TV55R15	61.4	68.0	70.2	10/08	1	1	31
Delta Grow 5570RR/STS	61.0	63.1	•	10/08	1	1	26
Progeny 5107RR	60.9	61.1	•	10/02	1	1	34
Progeny 5218RR	60.6	•	•	10/02	1	1	21
Progeny 5208RR	60.5	•	•	9/26	1	1	36
Delta Grow 5450RR	60.1	64.9	•	10/08	1	1	22
Dyna-Gro 32A53	58.8	59.6	61.5	10/04	1	1	25
MPG 5308nRR	58.6	59.8	61.8	10/02	1	1	25
Progeny 5308RR	58.2	•	•	9/22	1	1	30
Terral TV52R14	57.9	62.4	63.8	9/22	1	1	25
Pioneer 95Y20	57.6	•	•	9/30	1	1	25
Schillinger 538.R	56.8	•	•	10/02	1	1	24
AgVenture AV 52P2NRR	56.7	57.8	•	10/02	1	1	22
Legacy LS 54-27RR	56.6	56.1	•	9/30	1	1	18
Dyna-Gro 33P54	55.6	57.1	•	10/02	1	1	19
Croplan RC5437	55.6	61.8	•	10/02	1	1	29
Legacy LS 54-17RR/STS	55.1	•	•	10/06	1	1	35
Progeny 5408RR	54.0	•	•	10/04	1	1	24
Terral TV52R28	52.2	53.3	•	10/08	1	1	28
Eagle Seed ES 5555RR	51.9	•	•	9/30	1	1	27
GRAND MEAN	63.6	•	•	•	1	1	27
LSD (5%)	10.9	•	•	•	•	•	•
CV (%)	10.6	•	•	•	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

ASGROW AG 5606	72.4	•	•	10/02	1	1	31
Progeny 5650RR	70.5	69.9	70.1	10/06	2	1	31
ASGROW AG 5605	69.3	64.6	66.9	10/02	1	1	31
USG 75Z98	68.5	•	•	10/08	1	1	30
Terral TV59R16	67.7	71.3	72.9	10/08	1	1	22
Dyna-Gro 33C59	66.2	66.8	•	10/08	2	1	29
HBK R5825	66.0	62.3	64.3	10/08	1	1	30
S04-21237	65.6	•	•	10/02	1	1	27

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
AgVenture AV 57D7NRR	65.3	66.8	70.5	9/30	1	1	30
USG ALLEN	65.2	63.0	64.6	10/02	2	1	28
Croplan RC5663	65.2	•	•	9/30	2	1	26
MorSoy RT5688N	65.2	•	•	10/02	1	1	29
R01-4834RR	65.1	64.0	66.3	10/02	2	1	20
Dyna-Gro 3583	64.5	69.0	70.5	9/30	1	1	33
Delta Grow 5970RR	64.5	68.3	•	10/02	1	1	33
Deltapine DP 5634RR	63.0	64.6	64.4	9/30	3	1	30
R04-1274RR	62.8	•	•	10/02	1	1	26
NK S59-B8 Brand	62.5	•	•	10/02	1	1	34
AGS 606RR	62.4	65.3	•	10/02	1	1	21
USG 7582nRR	61.9	68.3	71.3	10/02	1	1	27
USG 75J97	61.6	66.8	•	10/02	1	1	30
Progeny 5622RR	61.1	•	•	10/02	1	1	32
ASGROW AG 5905	61.0	61.2	63.3	10/02	1	1	35
Progeny 5706RR	61.0	69.5	69.6	10/02	2	1	37
R04-170RR	60.0	•	•	10/02	1	1	22
MorSoy RT5906N	59.5	64.8	•	10/02	1	1	23
HBK R5727	59.4	63.7	•	9/30	1	1	30
R04-1276RR	58.8	65.3	•	10/02	1	1	29
Pioneer 95Y70	58.5	•	•	10/02	2	1	34
Deltapine DP 5915RR	58.5	61.6	64.5	10/06	2	1	27
NK S56-D7	58.0	•	•	10/02	2	1	35
AGS 568RR	58.0	63.8	66.5	10/02	1	1	26
ASGROW AG 5803	55.8	•	•	10/02	1	1	30
Delta Grow 5830RR	53.5	58.0	62.0	10/08	1	1	22
Dyna-Gro 32B57	52.6	•	•	10/02	1	1	29
GRAND MEAN	62.6	•	•	•	1	1	29
LSD (5%)	9.6	•	•	•	1	•	•
CV (%)	9.4	•	•	•	34	•	•

Soil Series Crowley silt loam
 Previous Crop Rice
 Row Width 30 inches
 Fertilizer Application(s) 0-80-120, 4/30
 Planting Date 5/21
 Herbicide Application(s) Dual Magnum + Scepter, 4/30; Roundup, 6/11; Flexstar, 7/11
 Insecticide Application(s) Mustang Max, 7/21
 Fungicide Application(s) Domark, 9/10
 Irrigation Dates 6/11, 6/30, 7/15, 7/24, 7/29
 Harvest Dates MG 4E, 10/14; MG 4L, 10/14; MG 5E, 10/29; MG 5L, 10/29

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008	Average	9.8	3.7	1.7	3.0	6.7	7.2	32.1
	Departure	5.6	4.7	3.6	3.4	2.8	4.1	24.2
		4.2	-1.0	-1.9	-0.4	3.9	3.1	7.9

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008.

Brand/Hybrid	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
Progeny 4606RR	57.5	60.5	64.1	9/19	1	1	30
Schillinger 458.RCS	52.7	.	.	9/19	1	1	32
Schillinger 457.RCP	52.0	55.4	.	9/12	1	1	36
MorSoy RT4688N	52.0	.	.	9/22	1	1	27
Progeny 4508RR	51.5	.	.	9/12	1	1	31
ASGROW AG 4605	50.2	53.9	.	9/19	1	1	30
Armor ARX4560	49.1	55.6	.	9/15	1	1	34
Dyna-Gro 32R46	48.6	53.1	58.1	9/19	1	1	28
Pioneer 94Y10	48.4	.	.	9/10	1	1	33
Pioneer 94Y60	48.0	.	.	9/05	1	1	36
Pioneer 94Y20	47.9	.	.	9/10	1	1	35
Delta King DK XTJ946	47.8	.	.	9/19	1	1	39
MPG 48-3nRR	47.8	.	.	9/15	1	1	34
Delta King DK 4667	47.7	54.4	55.3	9/15	1	1	35
ASGROW AG 4606	47.7	.	.	9/15	1	1	30
NK S46-U6 Brand	47.6	53.7	53.9	9/15	1	1	35
MorSoy RT4556N	47.3	55.0	.	9/17	1	1	34
HBK R4527	47.2	52.1	.	9/15	1	1	35
ASGROW DKB 46-51	47.1	53.1	55.5	9/08	1	1	31
Dyna-Gro 33Y45	47.0	56.9	.	9/15	1	1	27
USG 74E68	47.0	.	.	9/05	2	1	36
Terral TV46R19	46.5	.	.	9/17	1	1	34
Schillinger 448.RCS	46.2	.	.	9/10	2	1	36
ASGROW AG 4405	46.1	50.3	.	9/12	1	1	24
MorSoy RT4648N	46.0	.	.	9/15	1	1	28
Terral TV45R18	46.0	46.5	.	9/10	1	1	33
Terral TV46R15	45.1	51.6	51.4	9/12	1	1	38
Progeny 4206RR	43.8	52.9	.	9/10	1	1	30
Armor 44-K6	43.3	.	.	9/08	1	1	27
Deltapine DP 4546RR	42.9	50.2	52.1	9/15	1	1	36
MorSoy RT4488N	42.7	.	.	9/12	1	1	28
Delta Grow 4660RR	42.6	53.6	56.3	9/15	2	1	38
Progeny 4408RR	42.5	.	.	9/12	1	1	26
Dyna-Gro 37F46	42.5	53.6	55.6	9/17	1	1	37
HBK R3927	42.5	47.1	.	9/12	2	1	37
Terral TV44R27	42.1	44.7	45.9	9/10	1	1	37
AgVenture AV 46P1RR	41.7	.	.	9/12	1	1	31
ASGROW AG 4303	41.4	.	.	9/12	1	1	26
MorSoy RT4485N	41.2	48.3	49.2	9/12	1	1	34
USG 74A45	40.1	.	.	9/15	2	1	37
HBK R3824	40.0	49.2	51.5	9/15	1	1	29
AgVenture AV 46J5NNR	40.0	42.1	45.2	9/12	1	1	29
Delta Grow 4460RR	39.8	47.4	48.6	9/10	1	1	38
Progeny 4405RR	38.1	46.5	.	9/08	1	1	37
Armor 42-M1	37.8	48.0	.	9/08	1	1	29
MPG 4406nRR	37.7	47.7	.	9/12	1	1	35
MPG 4509nRR/STS	37.5	.	.	9/10	1	1	30
Dyna-Gro 37A44	37.1	48.0	48.9	9/12	1	1	33
NK S45-E5 Brand	35.6	41.6	.	9/10	1	1	32
Dyna-Gro 36C44	34.6	.	.	9/12	1	1	28
GRAND MEAN	44.7	.	.	.	1	1	33
LSD (5%)	4.9	.	.	.	1	.	.
CV (%)	6.8	.	.	.	28	.	.

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9)							
ASGROW DK 4866	62.8	65.3	64.7	9/19	1	1	35
USG 74A88	62.0	•	•	9/19	1	1	34
Delta King DK 4968	61.0	66.2	65.5	9/24	1	1	36
USG 74A91	59.2	•	•	9/24	1	1	35
MPG 4909nRR	58.4	•	•	9/19	1	1	35
Terral TV49R27	58.1	61.8	61.6	9/26	1	1	37
Terral TV47R17	57.8	64.6	63.2	9/29	2	1	43
Delta Grow 4870RR	57.8	•	•	9/22	1	1	32
Deltapine DP 4888RR/S	57.2	67.6	64.2	9/22	1	1	35
Terral TV49R17	56.8	58.6	59.7	9/22	2	1	45
Progeny 4906RR	56.6	65.6	66.0	9/24	1	1	33
ASGROW AG 4703	56.4	57.8	59.0	9/17	1	1	29
ASGROW AG 4903	56.3	59.9	59.7	9/29	1	1	33
HBK R4924	56.2	59.5	60.2	9/26	2	1	37
Eagle Seed ES 4777RR	55.9	54.8	•	9/26	1	1	31
MorSoy RT4914N	55.7	58.3	59.4	9/26	1	1	33
Armor 47-F8	55.4	54.4	57.7	9/24	1	1	29
Delta Grow 4975LARR	55.3	59.4	60.4	9/24	1	1	39
Armor 49-V6	55.3	61.1	60.4	9/26	1	1	35
MorSoy RT4888N	55.1	•	•	9/24	1	1	33
Delta King DK XTJ949	54.9	•	•	9/26	1	1	34
HBK R4727	54.5	57.7	•	9/19	1	1	35
Delta Grow 4970RR	54.5	60.4	57.7	9/26	1	1	33
Progeny 4949RR	54.3	61.2	60.4	9/24	1	1	36
USG 74F96	53.9	•	•	9/29	1	1	37
Delta Grow 4770RR	53.5	53.5	56.0	9/17	1	1	32
AgVenture AV 49D6NRR	53.1	65.4	63.7	9/26	1	1	40
Progeny 4718RR	52.5	•	•	9/24	1	1	33
Stine 4782-4	52.5	53.3	55.0	9/22	1	1	29
MorSoy RTs4706N	52.4	54.9	55.5	9/19	1	1	32
Dyna-Gro 37P49	52.1	58.8	59.0	9/22	1	1	37
MPG 4907nRR/STS	51.7	•	•	9/29	1	1	35
Dyna-Gro 36Y48	51.6	59.6	59.4	9/26	1	1	33
Terral TV47R18	51.5	55.6	•	9/24	1	1	34
NK S47-D9 Brand	51.4	•	•	9/19	1	1	32
Schillinger 478.RCS	51.4	•	•	9/24	1	1	30
Schillinger 499.RC	51.0	•	•	9/24	1	1	37
Delta King DK 4995	51.0	62.5	•	9/26	2	1	38
USG 7495nRS	50.9	•	•	9/26	1	1	34
Progeny 4918RR	50.8	•	•	9/22	1	1	33
Legacy LS 47-57RR	50.8	53.7	•	9/19	1	1	37
Legacy LS 49-57RR	50.5	62.3	•	9/26	1	1	42
Pioneer 94Y70	50.1	•	•	9/15	1	1	36
Delta King DK XTJ847	50.0	50.6	•	9/26	1	1	34
USG 74F78	49.8	52.9	•	9/26	1	1	32
Dyna-Gro 32P48	49.5	•	•	9/22	1	1	34
MPG 4905nRR	49.3	53.4	56.5	9/19	1	1	35
Delta Grow 4780RR	49.0	58.9	•	9/19	1	1	37
Pioneer 94Y90	48.9	•	•	9/19	1	1	32
Schillinger 495.RC	48.7	57.0	55.9	9/26	1	1	34
ASGROW AG 4907	48.6	•	•	9/22	1	1	35
AgVenture AV 49X9NRR	48.6	•	•	9/29	2	1	41

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued</u>							
Terral TV48R14	48.6	57.6	57.6	9/22	1	1	37
NK S49-H7 Brand	48.4	52.8	51.2	9/22	1	1	33
MPG 4808nRR	48.4	58.0	•	9/24	1	1	37
MorSoy RTs4955	48.3	57.6	57.1	9/26	1	1	31
Pioneer 94M80	47.5	51.9	55.8	9/15	1	1	37
AgVenture AV 50D2	46.4	48.1	•	9/26	1	1	35
MPG 4705nRR	46.2	•	•	9/15	1	1	34
Progeny 4706RR	46.2	56.9	58.8	9/19	1	1	31
Progeny 4908RR	45.5	•	•	9/22	1	1	34
Great Heart GT-462CRR	45.5	•	•	9/19	1	1	27
Pioneer 94B73	45.5	49.3	50.6	9/12	1	1	35
Delta King DK XTJ848	44.8	54.1	•	9/19	1	1	36
Progeny 4807RR	44.7	53.0	•	9/22	1	1	35
AgVenture AV 47G3NRR	44.4	57.6	•	9/22	1	1	34
MorSoy RTs4707N	42.9	54.3	•	9/19	1	1	36
Terral TV49R19	42.6	•	•	9/26	1	1	33
ASGROW AG 4705	41.3	•	•	9/12	1	1	31
NK S49-W6	40.4	50.2	49.9	9/26	1	1	33
Armor ARX4717	38.5	47.6	•	9/24	1	1	27
GRAND MEAN	51.4	•	•	•	1	1	34
LSD (5%)	5.2	•	•	•	•	•	•
CV (%)	6.2	•	•	•	•	•	•

Maturity Group V Early (RM 5.0 to 5.5)

Pioneer 95Y40	64.4	•	•	9/26	1	1	33
Progeny 5218RR	59.2	•	•	10/01	1	1	27
Armor 53-Z5	58.3	58.4	•	9/29	1	1	23
MPG 5308nRR	55.6	53.5	57.2	9/26	1	1	33
AgVenture AV 51X5RR	55.5	•	•	9/26	1	1	38
MorSoy RT5288N	55.1	•	•	10/01	1	1	28
MPG 5505nRR/STS	55.0	49.0	54.0	9/29	1	1	30
HBK R5226	54.8	60.3	65.0	10/01	1	1	24
Progeny 5408RR	54.8	•	•	10/01	1	1	28
MorSoy RT5306N	54.5	50.0	55.6	9/26	1	1	29
Dyna-Gro 32A53	54.2	54.9	58.6	10/01	1	1	30
Delta King DK 5567	53.9	57.4	64.9	10/01	1	1	30
MorSoy RT5388N	53.6	•	•	10/03	1	1	26
Legacy LS 54-27RR	53.2	52.2	•	10/03	1	1	23
Terral TV54R28	52.9	49.9	•	10/03	1	1	33
Armor 55-A5	52.6	56.3	•	10/03	1	1	22
MorSoy RT5506N	52.4	44.6	48.9	10/01	1	1	32
Dyna-Gro 33X55	51.7	57.2	59.9	10/01	1	1	27
AgVenture AV 50X6RR	51.6	•	•	9/26	1	1	36
ASGROW AG 5301	51.6	47.8	54.5	10/01	1	1	32
Pioneer 95Y41	51.2	•	•	9/29	2	1	36
Armor GP-500	51.0	53.4	•	9/26	1	1	29
NK S52-F2 Brand	50.9	54.8	55.4	9/29	1	1	25
Delta King DK XTJ950	50.6	•	•	10/01	1	1	37
AgVenture AV 54X4RR	50.6	•	•	10/01	1	1	31
AgVenture AV 52P2NRR	50.0	50.6	•	10/03	1	1	28
AgVenture AV 53D3NRR	49.8	52.9	•	9/29	1	1	29

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Early (RM 5.0 to 5.5), continued							
Terral TV52R757	49.7	•	•	10/03	1	1	27
USG 7553nRR	49.7	48.2	55.4	9/26	1	1	29
Pioneer 95M50	49.7	59.6	60.2	10/01	1	1	34
Eagle Seed ES 5555RR	49.4	57.0	63.2	9/26	1	1	25
Delta Grow 5170RR	49.3	•	•	9/26	1	1	28
HBK R5525	49.0	60.6	64.1	10/03	1	1	33
Terral TV52R14	48.4	50.5	50.3	9/29	1	1	28
Terral TV55R15	48.4	58.5	62.3	10/06	1	1	34
Dyna-Gro 33B52	48.1	58.8	58.7	10/01	1	1	29
Deltapine DP 5335RR/S	48.0	52.0	•	9/26	2	1	39
Dyna-Gro 31R54	47.8	49.5	•	9/26	1	1	28
Croplan RC5437	47.4	52.5	•	10/01	1	1	29
Progeny 5107RR	47.2	52.9	•	9/29	2	1	35
Dyna-Gro 35F55	47.1	•	•	10/03	2	1	32
Eagle Seed ES 5519RR	47.0	•	•	9/29	1	1	32
Delta King DK 52K6	47.0	55.1	59.2	10/01	1	1	32
Delta Grow 5570RR/STS	47.0	51.1	•	10/01	1	1	30
Progeny 5308RR	46.9	•	•	10/01	1	1	29
Progeny 5115RR	46.9	55.5	55.1	9/26	1	1	40
Delta Grow 5555RR	46.7	51.5	•	10/01	1	1	29
Progeny 5108RR	46.4	•	•	9/26	1	1	34
ASGROW AG 5304	45.9	•	•	9/29	1	1	28
HBK R5425	45.6	60.2	60.4	10/06	2	1	40
Terral TV52R28	45.5	49.9	•	10/01	1	1	29
Schillinger 538.R	45.4	•	•	10/01	1	1	35
ASGROW AG 5503	45.1	•	•	9/29	1	1	34
HBK RS5227	45.1	48.0	•	9/26	1	1	21
ASGROW DK 5068	44.7	57.1	59.9	9/26	1	1	35
Schillinger 557.RC	44.5	52.4	•	10/01	1	1	25
Delta Grow 5300RR	44.4	51.7	46.5	9/26	1	1	31
Legacy LS 54-17RR/STS	44.3	•	•	9/29	1	1	22
Pioneer 95Y20	44.0	•	•	9/26	1	1	33
Armor GP-533	43.8	50.8	57.6	9/29	1	1	28
MorSoy RT5168N	43.7	•	•	9/26	1	1	34
USG 75Z38	43.7	•	•	10/01	1	1	28
ASGROW AG 5501	43.4	53.3	54.2	9/29	1	1	30
Stine 5482-4	42.7	48.9	•	10/01	1	1	27
MPG 5407nRR	42.0	50.4	52.0	9/29	1	1	35
Delta Grow 5450RR	41.3	46.8	•	10/03	1	1	34
Progeny 5208RR	40.3	•	•	9/26	1	1	30
Dyna-Gro 33P54	33.7	39.4	•	9/26	1	1	20
GRAND MEAN	48.9	•	•	•	1	1	30
LSD (5%)	5.1	•	•	•	•	•	•
CV (%)	6.5	•	•	•	•	•	•

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9)							
MorSoy RT5688N	55.2	•	•	10/06	1	1	28
ASGROW AG 5605	52.2	57.9	61.9	9/29	1	1	27
Dyna-Gro 33C59	52.1	57.5	•	10/06	1	1	27
Progeny 5706RR	51.9	59.6	64.1	10/06	2	1	34
Croplan RC5663	51.8	•	•	9/26	1	1	28
Terral TV59R16	51.3	55.7	59.4	10/06	1	1	28
Delta Grow 5830RR	50.7	56.8	62.8	10/03	2	1	32
Dyna-Gro 32B57	50.2	•	•	10/03	1	1	31
MorSoy RT5906N	48.5	55.5	•	10/01	2	1	35
Progeny 5622RR	48.4	•	•	10/03	1	1	30
Progeny 5650RR	48.2	58.3	61.8	10/03	2	1	31
S04-21237	48.0	•	•	10/01	1	1	30
USG 75J97	47.4	52.7	•	10/06	1	1	30
USG 75Z98	47.1	•	•	10/06	1	1	30
ASGROW AG 5606	46.2	•	•	10/03	1	1	29
R04-170RR	46.0	•	•	10/03	1	1	26
Deltapine DP 5634RR	45.9	53.3	58.6	9/26	1	1	33
HBK R5727	45.7	54.2	•	10/03	1	1	30
ASGROW AG 5905	45.7	59.8	61.0	10/01	1	1	35
AgVenture AV 57D7NRR	45.7	48.9	55.2	9/26	1	1	23
AGS 568RR	45.6	49.2	53.2	10/03	1	1	29
AGS 606RR	45.2	47.6	•	10/03	1	1	26
NK S56-D7	45.1	•	•	9/29	1	1	26
Delta Grow 5970RR	45.1	60.5	•	10/06	2	1	36
ASGROW AG 5803	44.5	•	•	10/01	1	1	34
Deltapine DP 5915RR	44.2	52.9	53.4	10/03	1	1	26
Pioneer 95Y70	44.1	•	•	10/03	2	1	41
Dyna-Gro 3583	42.9	48.7	54.0	10/06	1	1	27
HBK R5825	42.6	46.9	51.8	10/06	1	1	30
USG 7582nRR	41.7	54.6	57.4	10/06	1	1	28
USG ALLEN	40.7	47.6	52.6	10/03	1	1	35
R04-1274RR	40.1	•	•	9/29	1	1	27
NK S59-B8 Brand	40.1	•	•	10/03	1	1	31
R01-4834RR	39.6	45.6	50.7	10/01	1	1	24
R04-1276RR	37.2	43.2	•	9/29	1	1	29
GRAND MEAN	46.2	•	•	•	1	1	30
LSD (5%)	5.3	•	•	•	•	•	•
CV (%)	7.0	•	•	•	•	•	•

Soil Series Sharkey clay
 Previous Crop Soybean
 Row Width 19 inches
 Planting Date 5/21
 Herbicide Application(s) Roundup, 6/13, 7/8; Roundup + Flexstar, 7/17
 Insecticide Application(s) Intrepid + Mustang Max, 8/28; Intrepid + Mustang Max, 9/10
 Fungicide Application(s) Laredo, 9/10
 Irrigation Dates 7/11, 7/21, 7/31, 8/8
 Harvest Dates MG 4E, 9/30; MG 4L, 10/10; MG 5E, 10/10, MG 5L, 10/14

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008		7.8	4.2	3.5	1.6	9.2	9.2	35.5
Average		5.0	4.7	3.5	3.9	2.7	3.1	22.9
Departure		2.8	-0.5	0.0	-2.3	6.5	6.1	12.6

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
USG 7553nRR	58.0	60.0	58.6	10/13	1	1	32
Progeny 5408RR	56.9	•	•	10/10	1	1	33
NK S52-F2 Brand	56.5	58.9	56.5	10/13	1	1	29
Pioneer 95Y40	56.4	•	•	10/06	1	1	33
Eagle Seed ES 5555RR	55.3	•	•	10/06	1	1	29
Delta King DK 5567	55.0	57.8	56.5	10/13	1	1	28
Pioneer 95Y41	54.8	•	•	10/08	1	1	31
MorSoy RT5388N	54.5	•	•	10/10	1	1	33
Delta Grow 5170RR	54.3	•	•	10/06	1	1	36
Terral TV55R15	53.8	57.9	54.9	10/13	1	1	36
AgVenture AV 51X5RR	53.6	•	•	10/08	1	1	43
Terral TV52R757	53.2	•	•	10/10	1	1	32
Delta Grow 5300RR	53.2	57.0	54.1	10/06	1	1	28
ASGROW DK 5068	52.9	57.9	•	10/06	1	1	43
Delta King DK 52K6	52.7	57.0	54.4	10/13	1	1	33
Pioneer 95M50	52.6	56.3	55.6	10/10	1	1	29
Delta Grow 5450RR	52.5	56.9	•	10/15	1	1	27
Armor 55-A5	52.3	60.1	•	10/13	1	1	25
MPG 5505nRR/STS	52.2	60.7	59.0	10/08	1	1	36
Delta Grow 5555RR	52.0	56.8	•	10/13	1	1	37
Armor 53-Z5	52.0	•	•	10/08	1	1	25
Dyna-Gro 35F55	51.9	•	•	10/15	1	1	39
Pioneer 95Y20	51.8	•	•	10/08	1	1	33
Schillinger 557.RC	51.7	57.0	•	10/13	1	1	27
AgVenture AV 52P2NRR	51.6	53.9	•	10/10	1	1	33
USG 75Z38	51.3	•	•	10/13	1	1	32
ASGROW AG 5501	51.3	53.2	50.7	10/06	1	1	35
MorSoy RT5506N	51.0	56.6	54.4	10/06	1	1	32
Dyna-Gro 33B52	51.0	52.2	52.6	10/06	1	1	27
Dyna-Gro 33X55	50.8	54.2	50.0	10/13	1	1	32
ASGROW AG 5301	50.7	51.0	47.2	10/06	1	1	31
ASGROW AG 5304	50.7	•	•	10/06	1	1	24
Terral TV52R28	50.4	50.2	•	10/06	1	1	33
Dyna-Gro 31R54	50.3	52.7	•	10/08	1	1	31
MPG 5407nRR	50.3	53.5	50.9	10/13	1	1	38
Croplan RC5437	50.0	53.3	•	10/10	1	1	36
Progeny 5218RR	50.0	•	•	10/10	1	1	28
Armor GP-533	50.0	56.2	50.5	10/10	1	1	29
Stine 5482-4	49.9	57.2	•	10/06	1	1	26
AgVenture AV 54X4RR	49.8	•	•	10/13	1	1	38
Progeny 5308RR	49.8	•	•	10/13	1	1	28
Progeny 5115RR	49.6	55.6	50.8	10/01	1	1	46
MorSoy RT5168N	49.6	•	•	10/03	1	1	38
Progeny 5208RR	49.5	•	•	10/02	1	1	33
AgVenture AV 53D3NRR	49.5	53.7	•	10/06	1	1	34
AgVenture AV 50X6RR	49.4	•	•	10/08	1	1	39
Dyna-Gro 32A53	49.3	51.9	49.7	10/08	1	1	31
Delta Grow 5570RR/STS	49.3	50.4	•	10/06	1	1	24
MPG 5308nRR	49.2	53.6	52.1	10/06	1	1	39
MorSoy RT5306N	49.2	53.6	50.2	10/10	1	1	25
MorSoy RT5288N	49.1	•	•	10/10	1	1	24
Eagle Seed ES 5519RR	49.1	•	•	10/13	1	1	37
Terral TV52R14	48.9	52.7	51.1	10/03	1	1	29
HBK RS5227	48.5	53.7	•	10/06	1	1	25

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year 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 GP-500	48.2	53.2	•	10/06	1	1	24
Deltapine DP 5335RR/S	48.2	50.5	•	10/10	1	1	45
Schillinger 538.R	48.0	•	•	10/06	1	1	30
Delta King DK XTJ950	47.8	•	•	9/29	1	1	42
Terral TV54R28	47.6	55.9	•	10/06	1	1	32
Progeny 5107RR	47.0	51.1	•	10/13	1	1	43
ASGROW AG 5503	46.7	•	•	10/13	1	1	37
HBK R5525	46.7	53.1	49.2	10/13	1	1	37
Legacy LS 54-17RR/STS	46.6	•	•	10/13	1	1	30
HBK R5226	46.3	51.5	49.0	10/13	1	1	36
Progeny 5108RR	45.7	•	•	10/06	1	1	47
Legacy LS 54-27RR	41.9	49.8	•	10/06	1	1	22
Dyna-Gro 33P54	39.2	49.1	•	10/06	1	1	24
HBK R5425	37.4	42.9	42.1	10/15	2	1	44
GRAND MEAN	50.4	•	•	•	1	1	33
LSD (5%)	5.5	•	•	•	•	•	•
CV (%)	6.8	•	•	•	•	•	•

Maturity Group V Late (RM 5.6 to 5.9)

Terral TV59R16	58.1	60.1	63.2	10/15	1	1	30
Pioneer 95Y70	55.7	•	•	10/15	1	1	38
USG 75Z98	55.2	•	•	10/15	1	1	31
USG ALLEN	54.2	56.9	57.9	10/17	1	1	34
ASGROW AG 5605	53.7	61.0	62.9	10/13	1	1	29
Dyna-Gro 33C59	52.9	57.6	•	10/15	1	1	24
AGS 568RR	52.7	55.0	58.6	10/13	1	1	33
Croplan RC5663	52.3	•	•	10/13	1	1	29
Delta Grow 5970RR	52.1	54.5	•	10/15	1	1	32
AgVenture AV 57D7NRR	52.1	57.6	58.2	10/13	1	1	26
MorSoy RT5688N	51.6	•	•	10/17	1	1	34
USG 75J97	51.5	53.9	•	10/15	1	1	29
Progeny 5650RR	51.0	57.0	59.1	10/15	1	1	30
R01-4834RR	50.9	54.8	53.2	10/13	1	1	26
HBK R5727	50.7	56.4	•	10/13	1	1	31
ASGROW AG 5905	50.3	56.0	58.5	10/15	1	1	40
Progeny 5706RR	50.3	54.4	57.7	10/15	1	1	34
ASGROW AG 5803	50.1	•	•	10/13	1	1	32
R04-1274RR	50.0	•	•	10/13	1	1	27
MorSoy RT5906N	49.3	54.2	•	10/15	1	1	37
ASGROW AG 5606	49.1	•	•	10/13	1	1	25
Progeny 5622RR	48.9	•	•	10/10	1	1	31
Delta Grow 5830RR	48.6	55.0	56.4	10/13	1	1	29
Dyna-Gro 32B57	48.5	•	•	10/13	1	1	30
USG 7582nRR	48.2	53.5	57.1	10/13	1	1	30
NK S59-B8 Brand	47.9	•	•	10/13	1	1	28
R04-1276RR	47.6	51.6	•	10/13	1	1	26
S04-21237	47.5	•	•	10/13	1	1	29
Deltapine DP 5915RR	47.2	53.5	54.5	10/15	1	1	33
Deltapine DP 5634RR	46.6	53.0	55.5	10/13	1	1	35

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
R04-170RR	46.6	•	•	10/15	1	1	25
HBK R5825	45.0	49.7	51.6	10/15	1	1	27
Dyna-Gro 3583	44.8	51.8	55.1	10/10	1	1	36
AGS 606RR	42.4	49.0	•	10/13	1	1	24
NK S56-D7	42.3	•	•	10/13	1	1	26
GRAND MEAN	49.9	•	•	•	1	1	30
LSD (5%)	6.9	•	•	•	•	•	•
CV (%)	8.4	•	•	•	•	•	•

Soil Series Roxanna silt loam
 Previous Crop Soybean
 Row Width 36 inches
 Planting Date 5/22
 Herbicide Application(s) Pursuit + Dual Magnum, 5/23; Touchdown, 7/1
 Irrigation Dates 7/17, 7/24, 7/29, 8/5
 Harvest Dates MG 5E, 10/20; MG 5L, 10/20

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008		8.4	4.1	7.0	1.7	7.0	7.2	35.4
Average		2.9	5.4	5.6	1.3	2.2	4.8	22.2
Departure		5.5	-1.3	1.4	0.4	4.8	2.4	13.2

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Early (RM 4.0 to 4.6)							
Schillinger 458.RCS	71.6	•	•	10/12	1	1	42
Delta Grow 4460RR	70.9	64.7	62.2	10/11	2	1	40
Dyna-Gro 32R46	68.8	66.1	•	10/14	1	1	32
USG 74A45	68.1	•	•	10/09	1	1	42
ASGROW DKB 46-51	67.8	64.2	62.0	10/13	2	1	40
ASGROW AG 4606	67.4	•	•	10/10	1	1	35
Progeny 4606RR	66.9	61.3	•	10/15	1	1	50
Progeny 4206RR	66.9	60.1	•	10/11	1	1	31
MorSoy RT4488N	66.4	•	•	10/08	1	1	32
Terral TV44R27	66.2	61.3	•	10/09	1	1	43
Progeny 4405RR	65.9	58.5	57.9	10/12	1	1	44
Terral TV46R15	65.7	57.6	•	10/16	2	1	47
HBK R4527	65.3	60.2	•	10/10	2	1	36
MPG 4406nRR	64.5	63.8	•	10/10	1	1	36
Dyna-Gro 36C44	63.1	•	•	10/08	1	1	37
NK S46-U6 Brand	63.0	66.2	•	10/09	1	1	52
USG 74E68	62.7	•	•	10/06	1	1	36
Armor 42-M1	62.7	•	•	10/08	1	1	33
Armor 44-K6	62.5	•	•	10/12	1	1	37
MorSoy RT4648N	62.2	•	•	10/09	1	1	38
ASGROW AG 4605	62.1	57.9	•	10/14	1	1	40
ASGROW AG 4303	62.0	•	•	10/12	1	1	42
MorSoy RT4485N	61.8	64.5	60.4	10/12	3	1	43
MPG 4509nRR/STS	61.7	•	•	10/12	1	1	37
Schillinger 457.RCP	60.7	59.1	•	10/13	3	1	42
Dyna-Gro 37A44	60.3	57.2	57.8	10/07	1	1	35
Pioneer 94Y20	60.3	•	•	10/10	1	1	32
Pioneer 94Y60	60.2	•	•	10/12	3	1	45
AgVenture AV 46J5NNR	60.1	55.1	•	10/10	1	1	33
MorSoy RT4556N	60.1	59.0	•	10/13	2	1	38
Armor ARX4560	60.0	•	•	10/11	1	1	38
Progeny 4508RR	59.7	•	•	10/11	2	1	40
Schillinger 448.RCS	59.6	•	•	10/08	2	1	36
MorSoy RT4688N	58.9	•	•	10/09	1	1	37
Progeny 4408RR	57.6	•	•	10/07	1	1	35
Dyna-Gro 33Y45	57.3	58.9	•	10/12	1	1	32
ASGROW AG 4405	57.2	58.9	•	10/12	2	1	43
MPG 48-3nRR	57.0	•	•	10/12	2	1	37
Terral TV45R18	56.4	55.8	•	10/09	1	1	44
Pioneer 94Y10	56.0	•	•	10/11	1	1	39
NK S45-E5 Brand	55.6	56.6	•	10/08	1	1	37
Terral TV46R19	55.5	•	•	10/11	3	1	39
Delta Grow 4660RR	55.4	52.9	52.2	10/12	2	1	39
HBK R3824	55.4	52.8	45.4	10/11	2	1	38
AgVenture AV 46P1RR	54.6	•	•	10/10	1	1	42
Dyna-Gro 37F46	54.2	53.1	52.2	10/10	1	1	34
Delta King DK 4667	54.1	51.0	53.0	10/13	2	1	40
Delta King DK XTJ946	53.9	•	•	10/10	1	1	36
Deltapine DP 4546RR	50.8	52.2	51.5	10/12	2	1	45
HBK R3927	50.7	47.2	•	10/12	2	1	35
GRAND MEAN	61.0	•	•	•	1	1	39
LSD (5%)	8.3	•	•	•	1	•	•
CV (%)	8.4	•	•	•	35	•	•

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group IV Late (RM 4.7 to 4.9)							
ASGROW DK 4866	75.6	69.9	•	10/17	1	1	41
Delta Grow 4870RR	74.2	•	•	10/13	1	1	42
Stine 4782-4	73.5	69.1	•	10/14	1	1	34
ASGROW AG 4907	72.4	•	•	10/18	1	1	41
MorSoy RTs4706N	71.0	64.9	•	10/18	1	1	38
Delta Grow 4975LARR	70.8	66.7	•	10/14	2	1	41
ASGROW AG 4903	70.7	70.1	67.2	10/18	1	1	42
AgVenture AV 49D6NRR	70.4	67.4	•	10/17	2	1	42
Pioneer 94M80	70.1	66.9	65.0	10/17	1	1	46
MorSoy RT4888N	70.0	•	•	10/17	1	1	40
Terral TV47R17	69.8	62.2	•	10/18	3	1	47
USG 7495nRS	69.6	•	•	10/17	1	1	38
Dyna-Gro 37P49	69.6	65.4	•	10/12	1	1	39
Deltapine DP 4888RR/S	69.3	63.1	•	10/15	1	1	40
MorSoy RTs4707N	68.8	61.8	•	10/16	1	1	39
Progeny 4807RR	68.8	61.6	•	10/13	1	1	37
MPG 4909nRR	68.7	•	•	10/15	1	1	42
Delta Grow 4970RR	68.5	63.9	62.0	10/20	4	1	43
Progeny 4918RR	68.1	•	•	10/17	1	1	41
Dyna-Gro 32P48	67.5	•	•	10/13	1	1	44
Schillinger 499.RC	67.3	•	•	10/20	2	1	46
Legacy LS 47-57RR	67.0	64.1	•	10/15	1	1	32
USG 74A88	66.7	•	•	10/16	1	1	37
ASGROW AG 4703	66.5	64.5	61.4	10/12	1	1	36
Schillinger 495.RC	65.8	65.3	62.9	10/19	4	1	44
MPG 4705nRR	65.5	•	•	10/16	1	1	45
Delta Grow 4770RR	65.5	62.6	•	10/13	2	1	40
Progeny 4906RR	65.3	66.7	•	10/15	1	1	39
Dyna-Gro 36Y48	65.0	63.9	61.6	10/18	1	1	43
Terral TV47R18	64.8	59.9	•	10/17	1	1	41
USG 74F96	64.7	•	•	10/19	1	1	43
USG 74A91	64.4	•	•	10/17	2	1	43
Terral TV49R27	64.1	61.7	•	10/17	3	1	38
Delta King DK XTJ949	63.5	•	•	10/17	2	1	47
HBK R4924	63.5	60.9	58.7	10/15	3	1	40
Eagle Seed ES 4777RR	63.4	68.0	•	10/18	1	1	33
MorSoy RTs4955	63.4	64.2	62.3	10/17	2	1	43
Delta King DK XTJ848	63.1	63.7	•	10/13	2	1	47
HBK R4727	62.6	61.8	•	10/15	2	1	44
Terral TV49R17	61.8	56.6	•	10/17	2	1	45
Delta King DK 4968	61.7	62.4	•	10/20	3	1	44
MPG 4808nRR	61.3	64.8	•	10/16	2	1	49
Schillinger 478.RCS	61.3	•	•	10/15	1	1	42
Armor 47-F8	61.2	60.6	•	10/14	1	1	30
Terral TV48R14	61.0	62.6	61.0	10/16	1	1	39
USG 74F78	60.6	58.2	•	10/14	1	1	35
Pioneer 94Y70	60.6	•	•	10/13	1	1	35
Delta King DK XTJ847	60.4	58.7	•	10/17	1	1	39
NK S49-H7 Brand	60.0	59.7	•	10/13	1	1	39
Armor 49-V6	60.0	62.9	•	10/18	1	1	43
MPG 4905nRR	59.5	54.7	•	10/15	1	1	41
Delta Grow 4780RR	59.4	62.8	•	10/15	1	1	43
Progeny 4718RR	59.1	•	•	10/16	2	1	41
AgVenture AV 49X9NRR	58.5	•	•	10/19	3	1	48
AgVenture AV 50D2	58.5	57.1	•	10/17	2	1	42
MorSoy RT4914N	58.2	56.7	57.1	10/15	1	1	33

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9), continued</u>							
Progeny 4949RR	57.9	62.1	60.5	10/16	4	1	44
Delta King DK 4995	57.3	•	•	10/17	1	1	50
Pioneer 94B73	57.3	52.4	53.2	10/16	1	1	43
MPG 4907nRR/STS	57.2	•	•	10/17	1	1	41
Progeny 4706RR	56.9	56.0	•	10/14	1	1	40
Pioneer 94Y90	55.8	•	•	10/14	1	1	45
Progeny 4908RR	55.6	•	•	10/15	1	1	40
NK S47-D9 Brand	55.4	•	•	10/15	1	1	34
Great Heart GT-462CRR	55.1	•	•	10/13	1	1	41
AgVenture AV 47G3NRR	54.8	55.3	•	10/15	1	1	40
Legacy LS 49-57RR	54.6	58.5	•	10/18	3	1	46
Armor ARX4717	53.8	•	•	10/12	1	1	36
ASGROW AG 4705	52.3	•	•	10/14	2	1	41
Terral TV49R19	52.0	•	•	10/12	1	1	43
NK S49-W6	51.7	56.2	•	10/19	1	1	39
GRAND MEAN	63.2	•	•	•	1	1	41
LSD (5%)	10.3	•	•	•	1	•	•
CV (%)	10.0	•	•	•	28	•	•

Maturity Group V Early (RM 5.0 to 5.5)

MPG 5505nRR/STS	78.4	71.0	•	10/17	2	1	40
HBK R5525	73.9	71.6	65.5	10/20	4	1	46
USG 7553nRR	73.3	71.3	68.0	10/22	2	1	42
Delta Grow 5300RR	70.2	65.8	•	10/22	1	1	41
ASGROW AG 5503	69.7	•	•	10/18	1	1	38
MorSoy RT5288N	69.5	•	•	10/21	4	1	38
Delta Grow 5170RR	69.0	•	•	10/16	1	1	36
NK S52-F2 Brand	68.9	65.5	•	10/19	2	1	40
USG 75Z38	68.4	•	•	10/24	3	1	44
Progeny 5218RR	68.2	•	•	10/24	4	1	40
MPG 5407nRR	68.1	67.0	•	10/20	2	1	46
Pioneer 95Y40	67.9	•	•	10/20	3	1	34
Pioneer 95M50	67.8	64.2	61.6	10/19	1	1	39
Deltapine DP 5335RR/S	67.7	68.4	•	10/22	1	1	42
Pioneer 95Y20	67.4	•	•	10/19	2	1	41
Eagle Seed ES 5519RR	67.2	•	•	10/26	3	1	40
MorSoy RT5168N	67.2	•	•	10/18	2	1	37
Progeny 5108RR	67.1	•	•	10/18	1	1	50
Armor 53-Z5	67.0	•	•	10/20	2	1	39
Progeny 5308RR	66.6	•	•	10/24	1	1	42
Armor 55-A5	66.6	71.2	•	10/26	2	1	37
MorSoy RT5306N	66.5	64.0	•	10/18	2	1	42
Progeny 5408RR	66.4	•	•	10/21	1	1	46
Pioneer 95Y41	66.4	•	•	10/22	3	1	42
Schillinger 538.R	66.2	•	•	10/20	1	1	38
Terral TV52R757	66.2	•	•	10/19	1	1	41
Terral TV52R14	66.1	59.6	57.8	10/24	1	1	46
Dyna-Gro 33X55	65.8	69.8	67.1	10/24	1	1	41
MorSoy RT5388N	65.7	•	•	10/24	2	1	40
Delta King DK 52K6	65.6	69.5	67.3	10/20	1	1	39
ASGROW DK 5068	65.6	64.8	•	10/17	1	1	38
Terral TV55R15	65.6	64.3	63.3	10/23	4	1	44
HBK R5226	65.5	64.9	•	10/20	1	1	42
Delta Grow 5450RR	65.5	63.0	•	10/26	1	1	44

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Early (RM 5.0 to 5.5), continued							
Schillinger 557.RC	65.3	68.1	•	10/20	1	1	34
Delta King DK 5567	65.3	64.4	61.2	10/23	1	1	40
Dyna-Gro 35F55	65.2	•	•	10/20	2	1	47
Stine 5482-4	65.1	68.8	•	10/19	1	1	39
Dyna-Gro 33B52	65.0	59.7	59.5	10/23	3	1	36
Croplan RC5437	64.9	61.8	•	10/20	1	1	42
AgVenture AV 54X4RR	64.7	•	•	10/22	3	1	42
Armor GP-500	64.7	63.5	•	10/19	3	1	46
Delta King DK XTJ950	64.7	•	•	10/20	1	1	50
AgVenture AV 51X5RR	64.6	•	•	10/23	2	1	49
MPG 5308nRR	64.4	63.6	•	10/17	3	1	46
Legacy LS 54-17RR/STS	64.1	•	•	10/21	1	1	42
ASGROW AG 5501	64.0	65.7	63.2	10/21	1	1	42
Delta Grow 5555RR	63.8	65.6	•	10/21	2	1	42
Eagle Seed ES 5555RR	63.7	•	•	10/23	4	1	44
Dyna-Gro 32A53	63.6	60.8	•	10/20	2	1	43
ASGROW AG 5304	63.4	•	•	10/22	1	1	35
Delta Grow 5570RR/STS	63.3	63.2	•	10/20	1	1	44
AgVenture AV 52P2NRR	63.2	59.5	•	10/21	2	1	39
HBK RS5227	63.0	63.2	•	10/19	1	1	46
ASGROW AG 5301	62.9	64.5	62.4	10/18	2	1	42
AgVenture AV 53D3NRR	62.7	63.6	•	10/18	2	1	48
HBK R5425	62.7	62.6	•	10/25	1	1	47
AgVenture AV 50X6RR	62.7	•	•	10/17	1	1	37
Progeny 5107RR	62.5	57.1	•	10/21	2	1	40
Armor GP-533	62.1	66.0	•	10/20	1	1	38
Progeny 5208RR	62.0	•	•	10/18	1	1	41
Legacy LS 54-27RR	61.7	55.8	•	10/21	3	1	37
Dyna-Gro 31R54	61.6	59.6	•	10/19	1	1	43
Progeny 5115RR	61.1	59.5	58.4	10/18	1	1	45
MorSoy RT5506N	60.5	57.6	•	10/24	2	1	42
Dyna-Gro 33P54	60.5	63.9	•	10/17	1	1	33
Terral TV54R28	57.8	63.8	•	10/17	2	1	43
Terral TV52R28	54.5	55.7	•	10/22	1	1	40
GRAND MEAN	65.4	•	•	•	2	1	41
LSD (5%)	7.5	•	•	•	1	•	•
CV (%)	7.1	•	•	•	19	•	•

Maturity Group V Late (RM 5.6 to 5.9)

USG 7582nRR	75.6	72.0	67.1	10/25	1	1	43
ASGROW AG 5605	72.2	68.5	65.6	10/20	2	1	42
MorSoy RT5906N	72.0	69.8	•	10/25	1	1	45
HBK R5825	70.6	66.3	63.7	10/26	2	1	42
Dyna-Gro 33C59	70.2	66.0	•	10/25	1	1	36
HBK R5727	68.2	70.6	•	10/25	2	1	43
ASGROW AG 5905	68.0	67.3	63.8	10/24	2	1	46
ASGROW AG 5803	67.8	•	•	10/21	1	1	45
Terral TV59R16	67.6	66.2	•	10/25	2	1	37
Dyna-Gro 3583	67.1	62.0	60.5	10/26	2	1	42
USG 75Z98	66.6	•	•	10/24	2	1	42
ASGROW AG 5606	66.6	•	•	10/24	3	1	44
AGS 606RR	66.4	67.5	•	10/26	1	1	41
Delta Grow 5830RR	66.0	61.9	58.2	10/27	2	1	37
R04-1274RR	65.7	•	•	10/19	1	1	44

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008, continued.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Maturity Group V Late (RM 5.6 to 5.9), continued							
AGS 568RR	65.6	69.1	•	10/23	1	1	42
Progeny 5622RR	65.4	•	•	10/25	1	1	41
USG 75J97	65.3	67.2	•	10/25	2	1	49
Progeny 5706RR	65.3	67.2	•	10/27	3	1	42
R01-4834RR	64.9	66.7	65.1	10/23	3	1	41
R04-1276RR	64.5	64.3	•	10/26	1	1	44
Delta Grow 5970RR	63.0	64.1	•	10/26	2	1	47
NK S59-B8 Brand	63.0	•	•	10/24	1	1	43
MorSoy RT5688N	62.6	•	•	10/21	1	1	44
S04-21237	62.4	•	•	10/20	3	1	40
Dyna-Gro 32B57	62.4	•	•	10/20	2	1	40
Deltapine DP 5634RR	61.9	63.3	62.4	10/25	3	1	42
Progeny 5650RR	61.8	67.8	•	10/25	2	1	50
Croplan RC5663	61.6	•	•	10/18	2	1	38
NK S56-D7	61.2	•	•	10/25	4	1	38
AgVenture AV 57D7NRR	60.7	63.6	•	10/18	2	1	37
Pioneer 95Y70	59.1	•	•	10/21	1	1	46
USG ALLEN	58.7	58.8	•	10/26	1	1	44
R04-170RR	58.2	•	•	10/25	2	1	38
Deltapine DP 5915RR	56.1	64.0	63.3	10/24	1	1	40
GRAND MEAN	65.0	•	•	•	2	1	42
LSD (5%)	9.9	•	•	•	1	•	•
CV (%)	9.4	•	•	•	30	•	•

¹Average yields for 2005, 2007 and 2008.

Soil Series Sharkey silty clay
 Previous Crop Corn
 Row Width Four 10-inch rows on two 38-inch beds
 Planting Date 6/18
 Herbicide Application(s) Metribuzin + Metolachlor, 6/17; Flexstar + Select, 7/8; Roundup, 7/28
 Fungicide Application(s) Quadris + Domark, 9/16
 Irrigation Dates 7/21, 7/23, 7/30, 8/4, 8/18, 8/19
 Harvest Dates MG 4E, 11/4; MG 4L, 11/4; MG 5E 11/5; MG 5L 11/5

	Precipitation (inches)						
	April	May	June	July	August	September	Total
2008	8.0	5.6	0.7	1.8	4.1	5.2	25.4
Average	4.9	5.2	4.0	3.7	2.8	3.9	24.5
Departure	3.1	0.4	-3.3	-1.9	1.3	1.3	0.9

Table 14. Yields of Maturity Groups IV and V Non-Roundup Ready Soybean Cultivars in Full-Season Tests at All Locations 2008^{1,2}.

Variety/Experimental Line	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Kibler Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Locations Average
.....bu./A.....								
DB01-5289	68.1	58.0	74.9	52.6	23.2	63.1	50.2	55.3
DB03-10440	60.3	62.2	75.8	54.3	47.3	61.2	59.1	60.0
DB03-1381	65.6	52.9	75.3	51.8	39.1	59.3	55.4	57.0
DB03-8416	69.0	51.8	70.2	52.6	47.8	60.4	56.9	58.3
HBK C4926	63.7	60.0	78.9	58.6	47.5	61.8	61.7	61.7
HBK C5025	61.0	64.4	60.7	54.9	41.1	62.7	52.2	56.4
Hutchinson	60.3	60.2	68.1	56.7	34.5	60.2	53.1	56.0
JAKE	57.3	61.5	82.9	57.9	53.0	59.4	64.6	62.5
Osage	67.3	60.4	77.3	66.5	54.8	63.9	66.2	65.3
Ozark	55.0	63.0	65.5	55.3	49.7	59.0	56.9	57.7
Progeny P4910	66.7	56.1	70.7	56.5	48.2	61.4	58.5	59.6
Progeny P5770	65.8	63.3	73.7	58.5	52.1	64.6	61.4	62.7
R00-1194F	64.5	65.9	78.4	62.2	54.6	65.2	65.1	65.1
R01-976	63.9	63.3	73.4	55.1	48.9	63.6	59.1	60.9
R03-224	62.4	59.7	67.4	57.3	52.5	61.0	59.1	59.9
R04-357	66.3	61.9	69.4	63.0	56.0	64.1	62.8	63.3
Schillinger 477.TCS	54.1	51.3	78.5	51.0	45.8	52.7	58.4	56.1
Stoddard	61.7	58.3	88.2	56.7	52.5	60.0	65.8	63.5
UA 4805	59.6	57.9	67.8	60.7	33.0	58.7	53.8	55.8
V98-2711	66.8	57.9	74.8	59.3	58.4	62.3	64.2	63.4
GRAND MEAN	63.0	59.5	73.6	57.1	47.0	61.2	59.2	60.0
LSD (.05%)	9.7	7.0	10.0	7.1	3.9	•	•	•
CV (%)	9.2	7.1	8.2	7.5	4.9	•	•	•

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

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

Marianna Irrigated = Lon Mann Cotton Research Station. Soil series = Calloway silt loam.

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

Rohwer Irrigated = Southeast Research and Extension Center - Rohwer Division. Soil series = Sharkey clay.

Kibler Irrigated = Vegetable Substation. Soil series = Roxanna silt loam.

²A non-Roundup Ready test was established at Rohwer but was lost due to a herbicide application error.

³Average yields from Keiser Irrigated, Keiser Nonirrigated and Rohwer locations.

⁴Average yields from Marianna, Stuttgart and Kibler locations.

Table 16. Performance of Nonirrigated, Non-Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2008.

Variety/Experimental Line	2008	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
R00-1194F	65.9	•	•	10/11	1	1	33
HBK C5025	64.4	•	•	10/14	1	1	41
R01-976	63.3	•	•	10/19	1	1	33
Progeny P5770	63.3	•	•	10/20	1	1	35
Ozark	63.0	56.1	52.8	10/13	1	1	30
DB03-10440	62.2	•	•	10/12	1	1	32
R04-357	61.9	•	•	10/18	1	1	36
JAKE	61.5	59.0	53.4	10/13	1	1	30
Osage	60.4	•	•	10/14	1	1	29
Hutchinson	60.2	56.2	52.0	10/14	1	1	29
HBK C4926	60.0	•	•	10/08	1	1	35
R03-224	59.7	•	•	10/15	1	1	30
STODDARD	58.3	55.2	50.7	10/14	1	1	25
DB01-5289	58.0	55.3	•	10/13	1	1	27
UA 4805	57.9	•	•	10/11	1	1	23
V98-2711	57.9	•	•	10/15	1	1	30
Progeny P4910	56.1	•	•	10/13	1	1	39
DB03-1381	52.9	•	•	10/19	1	1	21
DB03-8416	51.8	•	•	10/13	1	1	28
Schillinger 477.TCS	51.3	•	•	10/06	1	1	29
GRAND MEAN	59.5	•	•	•	1	1	31
LSD (5%)	7.0	•	•	•	•	•	•
CV (%)	7.1	•	•	•	•	•	•

¹Average yield for 2006 and 2008.

²Average yield for 2005, 2006 and 2008.

Soil Series Sharkey silty clay
 Previous Crop Grain Sorghum
 Row Width Four 10-inch rows on two 38-inch beds
 Planting Date 6/3
 Herbicide Application(s) Metribuzin + Metolachlor, 6/2; Flexstar + Select, 6/26, 7/15;
 Flexstar + Select + Metribuzin, 8/4
 Fungicide Application(s) Quadris + Domark, 9/16
 Harvest Dates 11/1

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008		8.0	5.6	0.7	1.8	4.1	5.2	25.4
	Average	4.9	5.2	4.0	3.7	2.8	3.9	24.5
	Departure	3.1	0.4	-3.3	-1.9	1.3	1.3	0.9

**Table 17. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Lon Mann Cotton
Research Station, Marianna, AR, 2008.**

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
STODDARD	88.2	77.2	78.0	9/25	2	1	26
JAKE	82.9	74.6	74.2	9/25	1	1	35
HBK C4926	78.9	68.0	•	9/26	3	1	42
Schillinger 477.TCS	78.5	•	•	9/17	2	1	39
R00-1194F	78.4	•	•	9/25	2	1	40
Osage	77.3	65.8	•	9/30	1	1	27
DB03-10440	75.8	•	•	9/28	3	1	34
DB03-1381	75.3	•	•	10/01	2	1	31
DB01-5289	74.9	•	•	9/25	2	1	31
V98-2711	74.8	66.2	•	9/25	2	1	29
Progeny P5770	73.7	•	•	10/02	2	1	32
R01-976	73.4	•	•	10/02	2	1	29
Progeny P4910	70.7	•	•	9/21	3	1	47
DB03-8416	70.2	•	•	9/27	3	1	33
R04-357	69.4	•	•	9/30	2	1	37
Hutchinson	68.1	62.7	63.9	9/27	3	1	33
UA 4805	67.8	62.8	•	9/24	2	1	32
R03-224	67.4	•	•	9/25	1	1	38
Ozark	65.5	61.4	61.1	9/26	2	1	38
HBK C5025	60.7	58.3	•	9/27	4	1	49
GRAND MEAN	73.6	•	•	•	2	1	35
LSD (5%)	10.0	•	•	•	1	•	•
CV (%)	8.2	•	•	•	29	•	•

Soil Series Calloway silt loam
 Previous Crop Soybean
 Row Width 30 inches
 Fertilizer Application(s) 0-100-100, 3/26
 Planting Date 5/30
 Herbicide Application(s) Roundup, 5/14; Roundup + Dual + Reflex, 5/30; Flexstar, 6/20; FirstRate + Dual, 7/9
 Insecticide Application(s) Karate, 8/16
 Irrigation Dates 6/27, 7/2, 7/18, 7/25
 Harvest Dates 10/9

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008	Average	11.0	3.9	1.5	2.1	6.0	2.6	27.1
	Departure	5.4	5.2	3.4	4.0	2.8	4.0	24.8
		5.6	-1.3	-1.9	-1.9	3.2	-1.4	2.3

Table 18. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
Osage	66.5	75.9	•	9/30	1	1	18
R04-357	63.0	•	•	9/30	1	1	26
R00-1194F	62.2	•	•	9/29	1	1	25
UA 4805	60.7	71.6	•	9/24	1	1	17
V98-2711	59.3	68.5	•	9/30	1	1	17
HBK C4926	58.6	67.9	•	9/30	2	1	39
Progeny P5770	58.5	•	•	9/30	1	1	22
JAKE	57.9	66.3	66.6	9/30	1	1	23
R03-224	57.3	•	•	9/30	1	1	15
Hutchinson	56.7	68.6	66.8	9/29	1	1	23
STODDARD	56.7	66.0	69.3	9/26	1	1	18
Progeny P4910	56.5	•	•	9/24	2	1	36
Ozark	55.3	69.2	69.1	9/30	1	1	19
R01-976	55.1	•	•	9/30	1	1	19
HBK C5025	54.9	68.2	•	9/29	2	1	40
DB03-10440	54.3	•	•	9/26	1	1	22
DB01-5289	52.6	•	•	9/30	1	1	15
DB03-8416	52.6	•	•	9/19	1	1	17
DB03-1381	51.8	•	•	10/07	1	1	15
Schillinger 477.TCS	51.0	•	•	9/17	2	1	19
GRAND MEAN	57.1	•	•	•	1	1	22
LSD (5%)	7.1	•	•	•	•	•	•
CV (%)	7.5	•	•	•	•	•	•

Soil Series Crowley silt loam
 Previous Crop Rice
 Row Width 30 inches
 Fertilizer Application(s) 0-80-60, 4/30
 Planting Date 5/23
 Herbicide Application(s) Dual Magnum + Scepter, 4/30; Flexstar, 6/11; Fusilade, 6/12; Flexstar, 6/24
 Fungicide Application(s) Domark, 9/10
 Irrigation Dates 7/1, 7/21, 7/30
 Harvest Dates 10/24

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008	Average	9.8	3.7	1.7	3.0	6.7	7.2	32.1
	Departure	4.2	-1.0	-1.9	-0.4	3.9	3.1	7.9

Table 19. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
V98-2711	58.4	•	•	10/15	1	1	25
R04-357	56.0	•	•	10/13	1	1	17
Osage	54.8	62.1	•	10/10	1	1	25
R00-1194F	54.6	•	•	10/08	1	1	35
JAKE	53.0	56.5	59.6	10/10	1	1	28
R03-224	52.5	•	•	10/13	1	1	23
STODDARD	52.5	56.2	58.3	10/08	1	1	17
Progeny P5770	52.1	•	•	10/13	1	1	26
Ozark	49.7	55.6	59.0	10/08	1	1	28
R01-976	48.9	•	•	10/17	1	1	34
Progeny P4910	48.2	•	•	10/08	1	1	48
DB03-8416	47.8	•	•	10/08	1	1	17
HBK C4926	47.5	53.7	•	10/06	1	1	45
DB03-10440	47.3	•	•	10/13	1	1	19
Schillinger 477.TCS	45.8	•	•	10/03	1	1	30
HBK C5025	41.1	44.4	•	10/13	3	1	48
DB03-1381	39.1	•	•	10/10	1	1	21
Hutchinson	34.5	45.9	51.3	10/06	1	1	24
UA 4805	33.0	46.7	•	10/03	1	1	22
DB01-5289	23.2	•	•	10/06	1	1	23
GRAND MEAN	47.0	•	•	•	1	1	28
LSD (5%)	3.9	•	•	•	•	•	•
CV (%)	4.9	•	•	•	•	•	•

Soil Series Roxanna silt loam
 Previous Crop Soybean
 Row Width 36 inches
 Planting Date 5/22
 Herbicide Application(s) Pursuit + Dual Magnum, 5/22
 Irrigation Dates 7/17, 7/24, 7/29, 8/5
 Harvest Dates 10/20

Precipitation (inches)

	April	May	June	July	August	September	Total
2008	8.4	4.1	7.0	1.7	7.0	7.2	35.4
Average	2.9	5.4	5.6	1.3	2.2	4.8	22.2
Departure	5.5	-1.3	1.4	0.4	4.8	2.4	13.2

Table 20. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2008.

Variety/Experimental Line	2008	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shatter Score	Plant Height
.....bu./A.....							
R04-357	63.0	•	•	10/24	3	1	38
JAKE	61.0	64.6	64.0	10/26	1	1	39
R00-1194F	60.6	•	•	10/19	1	1	37
V98-2711	60.6	68.9	•	10/26	3	1	34
R01-976	59.8	•	•	10/27	1	1	34
HBK C5025	59.6	63.9	•	10/21	3	1	40
DB03-10440	58.1	•	•	10/24	2	1	38
Ozark	57.2	62.9	62.5	10/23	1	1	38
Progeny P4910	57.1	•	•	10/15	3	1	41
STODDARD	57.0	58.2	60.2	10/20	4	1	32
Osage	55.6	62.7	•	10/22	1	1	31
HBK C4926	55.1	63.0	•	10/15	1	1	42
R03-224	54.5	•	•	10/21	1	1	28
Hutchinson	52.6	57.1	58.5	10/23	1	1	31
Progeny P5770	52.4	•	•	10/25	1	1	31
DB03-8416	49.1	•	•	10/18	1	1	31
Schillinger 477.TCS	48.5	•	•	10/07	1	1	28
DB01-5289	46.1	•	•	10/19	2	1	33
DB03-1381	44.3	•	•	10/18	1	1	28
UA 4805	37.4	53.8	•	10/21	2	1	26
GRAND MEAN	54.5	•	•	•	2	1	34
LSD (5%)	6.7	•	•	•	1	•	•
CV (%)	7.4	•	•	•	29	•	•

¹Average for 2005, 2007, and 2008.

Soil Series Sharkey silty clay
 Previous Crop Corn
 Row Width Four 10-inch rows on two 38-inch beds
 Planting Date 6/18
 Herbicide Application(s) Metribuzin + Metolachlor, 6/19; Flexstar + Select, 7/7, 7/30
 Fungicide Application(s) Quadris + Domark, 9/16
 Irrigation Dates 7/21, 7/23, 7/30, 8/4, 8/18, 8/19
 Harvest Dates 11/4

		Precipitation (inches)						
		April	May	June	July	August	September	Total
2008	Average	8.0	5.6	0.7	1.8	4.1	5.2	25.4
	Departure	4.9	5.2	4.0	3.7	2.8	3.9	24.5
		3.1	0.4	-3.3	-1.9	1.3	1.3	0.9

**Participants and Entries
2008 Early Planted Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
Cache River Valley Seed, LLC P.O. Box 10 Hwy. 226E Cash, AR 72421	MorSoy RT4485N	4.4
	MorSoy RT4707N	4.7
	MorSoy RT4888N	4.8
	MorSoy RT4914N	4.9
	MorSoy RT5168N	5.1
	MorSoy RT5288N	5.2
	MorSoy RT5388N	5.3
	MorSoy RTs4488N	4.4
	MorSoy RTs4556N	4.5
	MorSoy RTs4688N	4.7
	MorSoy RTs4706N	4.7
	MorSoy RTs4955N	4.9
	Croplan Genetics 4990 NCR 583 Blytheville, AR 72315	Croplan Genetics RC4207
Croplan Genetics RC4417		4.4
Croplan Genetics RC4455		4.4
Croplan Genetics RC4757		4.7
Croplan Genetics RC4877		4.8
Croplan Genetics RC4908		4.9
Croplan Genetics RC4955		4.9
Croplan Genetics RC4998		4.9
Croplan Genetics RC5007		5.0
Croplan Genetics RC5222	5.2	
Crow Hybrid 1551 Hwy 210 Huxley, IA 50124	C4142R	4.1
	C4519R	4.5
	C5015R	5.0
Cullum Seed, LLC P.O. Box 178 Fisher, AR 72429	Armor 39-K4	3.9
	Armor 42-M1	4.2
	Armor 47-F8	4.7
	Armor 49-V6	4.9
	Armor ARX4560	4.5
	Armor ARX4717	4.7
	Armor GP-500	5.0
	Delta King DK 4667	4.6
	Delta King DK 4968	4.9
	Delta King DK 4995	4.9
	Delta King DK XTJ847	4.8
	Delta King DK XTJ848	4.8
	Delta King DK XTJ946	4.6
	Delta King DK XTJ949	4.9
	Delta King DK XTJ950	5.0
Delta Grow Seed P.O. Box 219 220 NW 2nd England, AR 72046	Delta Grow 4150RR	4.1
	Delta Grow 4460RR	4.4
	Delta Grow 4470RR/STS	4.5
	Delta Grow 4660RR	4.6
	Delta Grow 4770RR	4.7
	Delta Grow 4780RR	4.7
	Delta Grow 4820RR	4.8
	Delta Grow 4870RR	4.8
	Delta Grow 4970RR	4.9
	Delta Grow 4975RR	4.9
	Delta Grow 5160RR/STS	5.1
	Delta Grow 5170RR	5.1
	Delta Grow 5280RR	5.2
Delta Grow 5300RR	5.3	
Eagle Seed Co. P.O. Box 308 Weiner, AR 72479	Eagle Seed ES 4818RR	4.8
	Eagle Seed ES 4906RR	4.9
	Eagle Seed ES 4991RR	4.9
	Eagle Seed ES 5121RR	5.1
	Eagle Seed ES XVT675RR	4.9

**Participants and Entries
2008 Early Planted Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
Erwin Keith Seed Inc. 1529 Hwy 193 South Wynne, AR 72396	Progeny 3906RR	3.9
	Progeny 4206RR	4.2
	Progeny 4405RR	4.4
	Progeny 4408RR	4.4
	Progeny 4508RR	4.5
	Progeny 4606RR	4.6
	Progeny 4706RR	4.7
	Progeny 4718RR	4.7
	Progeny 4807RR	4.8
	Progeny 4906RR	4.9
	Progeny 4908RR	4.9
	Progeny 4918RR	4.9
	Progeny 4949RR	4.9
	Progeny 5107RR	5.1
	Progeny 5108RR	5.1
	Progeny 5115RR	5.1
	Progeny 5208RR	5.2
	Progeny 5218RR	5.2
Progeny 5308RR	5.3	
Hornbeck Seed Co., Inc. P.O. Box 472 210 Drier Road DeWitt, AR 72042	HBK R3824	3.9
	HBK R3927	3.9
	HBK R4527	4.5
	HBK R4727	4.7
	HBK R4924	4.9
	HBK R5226	5.2
HBK RS5227	5.2	
Midwest Premium Genetics 523 S. Main Box 688 Concordia, MO 64020	MPG 48-2nRR	4.4
Monsanto Company 800 N.Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG 4303	4.3
	ASGROW AG3906	3.9
	ASGROW AG4405	4.4
	ASGROW AG4605	4.6
	ASGROW AG4606	4.6
	ASGROW AG4703	4.7
	ASGROW AG4705	4.7
	ASGROW AG4903	4.9
	ASGROW AG4907	4.9
	ASGROW DK4866	4.8
	ASGROW DK5068	5.0
	ASGROW DKB46-51	4.6
	DELTAPINE DP 4546RR	4.5
	DELTAPINE DP 4888RR/S	4.8
NC+ Hybrids	4A15RS	4.1
	4A81RS	4.8
	5A31RS	5.3

**Participants and Entries
2008 Early Planted Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
Pioneer Hi-Bred International, Inc. 700 Boulevard South, Suite 302 Huntsville, AL 35802	Pioneer 94B73	4.7
	Pioneer 94Y60	4.6
	Pioneer 94Y70	4.7
	Pioneer 94Y90	4.9
Schillinger Seed, Inc. 4200 Corporate Drive Suite 106 West DesMoines, IA 50266	Schillinger 457.RCP	4.5
	Schillinger 458.RCS	4.5
	Schillinger 478.RCS	4.7
	Schillinger 495.RC	4.9
Terral Seed Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV44R27	4.4
	Terral TV45R18	4.4
	Terral TV46R19	4.6
	Terral TV47R17	4.7
	Terral TV47R18	4.7
	Terral TV49R19	4.9
UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211	USG 74A27	4.2
	USG 74A45	4.5
	USG 74A88	4.8
	USG 74A91	4.9
	USG 74E68	4.6
	USG 74F78	4.7
	USG 74F96	4.9
	USG 74H48	4.4
United Agri Products 57 Germantown Ct. Suite 200 Cordova, TN 38018	Dnya-Gro 32A53	5.3
	Dyna-Gro 32R46	4.6
	Dyna-Gro 33B52	5.2
	Dyna-Gro 33Y45	4.5
	Dyna-Gro 36Y48	4.8
	Dyna-Gro 37A44	4.4
	Dyna-Gro 37F46	4.6
University of Missouri P.O. Box 160 147 State Hwy T Portageville, MO 63873	S04-20912	3.9
	S04-3924	3.9
	S04-4604	4.9
	S05-4678	5.3

**Participants and Entries
2008 Full Season Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
AGSouth Genetics P.O. Box 72246 Albany, GA 31708	AGS 568 RR	5.6
	AGS 606 RR	5.9
Cache River Valley Seed, LLC P.O. Box 10 Hwy. 226E Cash, AR 72421	MorSoy RT4485N	4.4
	MorSoy RT4648N	4.6
	MorSoy RT4688N	4.6
	MorSoy RT4707N	4.7
	MorSoy RT4888N	4.8
	MorSoy RT4914N	4.9
	MorSoy RT5168N	5.1
	MorSoy RT5288N	5.2
	MorSoy RT5306N	5.3
	MorSoy RT5388N	5.3
	MorSoy RT5506N	5.5
	MorSoy RT5688N	5.6
	MorSoy RT5906N	5.9
	MorSoy RTs4488N	4.4
	MorSoy RTs4556N	4.6
	MorSoy RTs4706N	4.7
	MorSoy RTs4955	4.9
Croplan Genetics 4990 NCR 583 Blytheville, AR 72315	Croplan RC5437	5.4
	Croplan RC5663	5.6
Cullum Seeds, LLC P.O. Box 178 Fisher, AR 72429	Armor 42-M1	4.2
	Armor 44-K6	4.4
	Armor 47-F8	4.7
	Armor 49-V6	4.9
	Armor 53-Z5	5.3
	Armor 55-A5	5.5
	Armor ARX4560	4.5
	Armor ARX4717	4.7
	Armor GP-500	5.0
	Armor GP-533	5.3
	Delta King DK 4667	4.6
	Delta King DK 4968	4.9
	Delta King DK 4995	4.9
	Delta King DK 52K6	5.2
	Delta King DK 5567	5.5
	Delta King DK XTJ847	4.8
	Delta King DK XTJ848	4.8
	Delta King DK XTJ946	4.6
	Delta King DK XTJ949	4.9
	Delta King DK XTJ950	5.0
Delta Grow Seed P.O. Box 219 220 NW 2nd England, AR 72046	Delta Grow 4460RR	4.4
	Delta Grow 4660RR	4.6
	Delta Grow 4770RR	4.7
	Delta Grow 4780RR	4.7
	Delta Grow 4870RR	4.8
	Delta Grow 4970RR	4.9
	Delta Grow 4975LARR	4.9
	Delta Grow 5170RR	5.1
	Delta Grow 5300RR	5.3
	Delta Grow 5450RR	5.4
	Delta Grow 5555RR	5.5
	Delta Grow 5570RR/STS	5.5
	Delta Grow 5830RR	5.8
Delta Grow 5970RR	5.9	

**Participants and Entries
2008 Full Season Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
Dulaney Seed 6933 Sunflower School Rd. Clarksdale, MS 38614	AgVenture AV 46J5 NNR	4.6
	AgVenture AV 46P1 RR	4.6
	AgVenture AV 47G3 NRR	4.7
	AgVenture AV 49D6 NRR	4.9
	AgVenture AV 49X9 NRR	4.9
	AgVenture AV 50D2 NRR	4.9
	AgVenture AV 50X6	5.0
	AgVenture AV 51X5 RR	5.1
	AgVenture AV 52P2 NRR	5.2
	AgVenture AV 53D3 NRR	5.3
	AgVenture AV 54X4 RR	5.4
	AgVenture AV 57D7 NRR	5.7
	Eagle Seed Co. 6933 Sunflower School Rd. Clarksdale, MS 38614	Eagle Seed ES 4777RR
Eagle Seed ES 5519RR		5.5
Eagle Seed ES 5555RR		5.4
Erwin Keith Seed Inc. 1529 Hwy 193 South Wynne, AR 72396	Progeny 4206RR	4.2
	Progeny 4405RR	4.4
	Progeny 4408RR	4.4
	Progeny 4508RR	4.5
	Progeny 4606RR	4.6
	Progeny 4706RR	4.7
	Progeny 4718RR	4.7
	Progeny 4807RR	4.8
	Progeny 4906RR	4.9
	Progeny 4908RR	4.9
	Progeny 4918RR	4.9
	Progeny 4949RR	4.9
	Progeny 5107RR	5.1
	Progeny 5108RR	5.1
	Progeny 5115RR	5.1
	Progeny 5208RR	5.2
	Progeny 5218RR	5.2
	Progeny 5308RR	5.3
	Progeny 5408RR	5.4
Progeny 5622RR	5.6	
Progeny 5650RR	5.6	
Progeny 5706RR	5.7	
Great Heart 220 W. Washington Paris, IL 61944	GT 462CRR	4.6
Hornbeck Seed Co., Inc. P.O. Box 472 210 Drier Road DeWitt, AR 72042	HBK R3824	3.9
	HBK R3927	3.9
	HBK R4527	4.5
	HBK R4727	4.7
	HBK R4924	4.9
	HBK R5226	5.2
	HBK R5425	5.4
	HBK R5525	5.5
	HBK R5727	5.7
	HBK R5825	5.8
	HBK RS5227	5.2
Legacy Seed South 191 Jackson 136 Newport, AR 72112	Legacy 54-17RR/STS	5.4
	Legacy 54-27RR	5.3
	Legacy LS 47-57RR	4.7
	Legacy LS 49-57RR	4.9

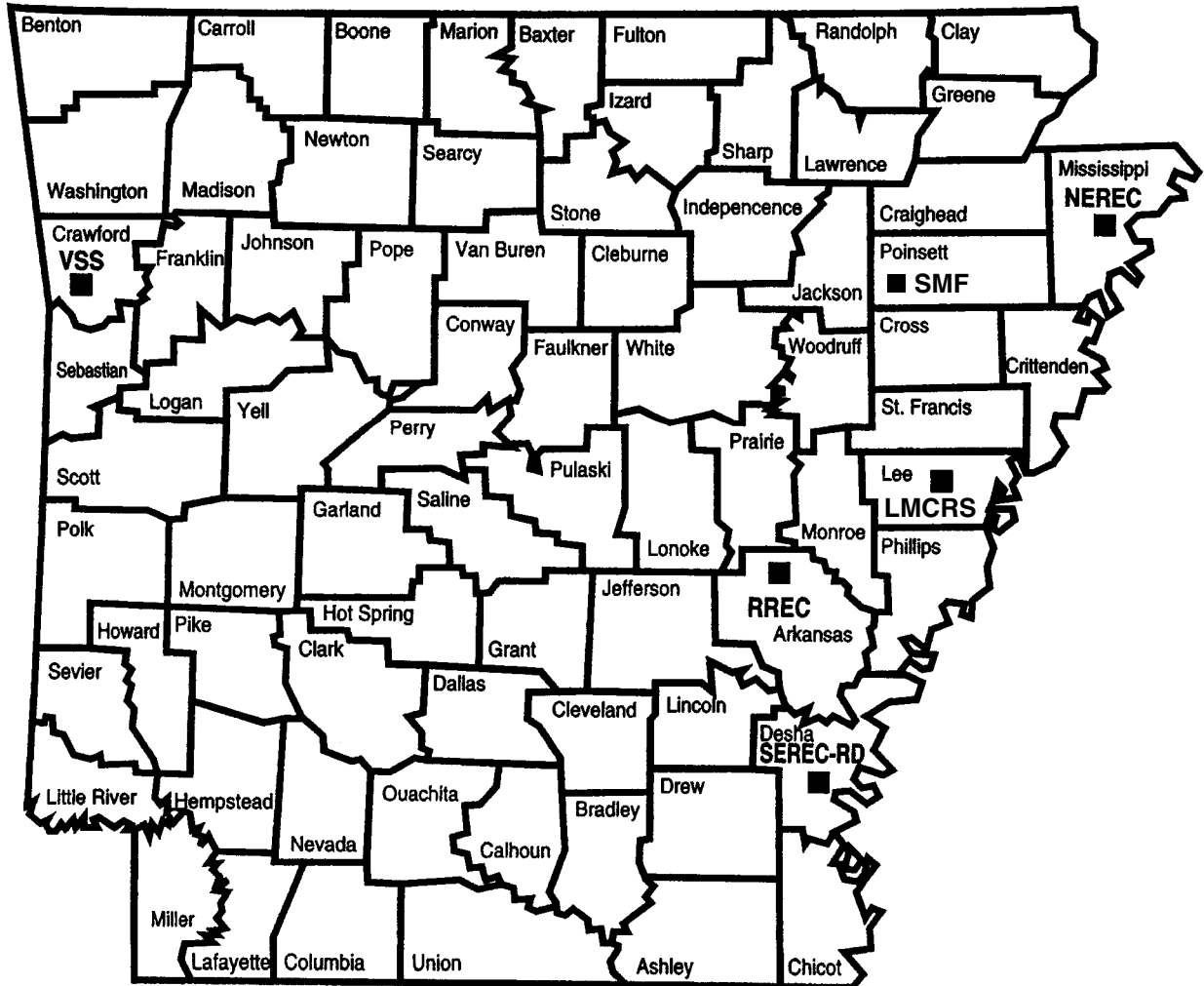
**Participants and Entries
2008 Full Season Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>	
Midwest Premium Genetics 523 S. Main Box 688 Concordia, MO 64020	MPG 4406nRR	4.4	
	MPG 4509nRR/STS	4.5	
	MPG 4705nRR	4.7	
	MPG 4808nRR	4.7	
	MPG 48-3nRR	4.6	
	MPG 4905nRR	4.9	
	MPG 4907nRR/STS	4.9	
	MPG 4909nRR	4.9	
	MPG 5308nRR	5.3	
	MPG 5407nRR	5.4	
	MPG 5505nRR/STS	5.5	
	Monsanto Company 800 N.Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG4303	4.3
		ASGROW AG4405	4.4
ASGROW AG4605		4.6	
ASGROW AG4606		4.6	
ASGROW AG4703		4.7	
ASGROW AG4705		4.7	
ASGROW AG4903		4.9	
ASGROW AG4907		4.9	
ASGROW AG5301		5.3	
ASGROW AG5304		5.3	
ASGROW AG5501		5.5	
ASGROW AG5503		5.5	
ASGROW AG5605		5.6	
ASGROW AG5606		5.6	
ASGROW AG5803		5.8	
ASGROW AG5905		5.9	
ASGROW DK4866		4.8	
ASGROW DK5068		5.0	
ASGROW DKB46-51		4.6	
DELTAPINE DP 4546RR		4.5	
DELTAPINE DP 4888RR/S	4.8		
DELTAPINE DP 5335RR/S	5.3		
DELTAPINE DP 5634RR	5.6		
DELTAPINE DP 5915RR	5.9		
Pioneer Hi-Bred International, Inc. 700 Boulevard South, Suite 302 Huntsville, AL 35802	Pioneer 94B73	4.7	
	Pioneer 94M80	4.8	
	Pioneer 94Y10	4.1	
	Pioneer 94Y20	4.2	
	Pioneer 94Y60	4.6	
	Pioneer 94Y70	4.7	
	Pioneer 94Y90	4.9	
	Pioneer 95M50	5.5	
	Pioneer 95Y20	5.2	
	Pioneer 95Y40	5.4	
	Pioneer 95Y41	5.4	
	Pioneer 95Y70	5.7	
Schillinger Seed, Inc. 4200 Corporate Drive Suite 106 West DesMoines, IA 50266	Schillinger 448.RCS	4.4	
	Schillinger 457.RCP	4.5	
	Schillinger 458.RCS	4.5	
	Schillinger 478.RCS	4.7	
	Schillinger 495.RC	4.9	
	Schillinger 499.RC	4.9	
	Schillinger 538.R	5.3	
	Schillinger 557.RC	5.5	
Stine Seed Company 22555 Laredo Trail Adel, Iowa 50003	Stine 4782-4	4.7	
	Stine 5482-4	5.2	

**Participants and Entries
2008 Full Season Test**

<u>Company</u>	<u>Variety</u>	<u>Rel. Maturity</u>
Syngenta/NK Seed 7500 Olsen Memorial Hwy Golden Valley, MN 55427	NK S45-E5 Brand	4.5
	NK S46-U6 Brand	4.6
	NK S47-D9 Brand	4.7
	NK S49-H7 Brand	4.9
	NK S49-W6	4.9
	NK S52-F2 Brand	5.2
	NK S56-D7	5.6
	NK S59-B8 Brand	5.9
Terral Seed Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV44R27	4.4
	Terral TV45R18	4.4
	Terral TV46R15	4.6
	Terral TV46R19	4.6
	Terral TV47R17	4.7
	Terral TV47R18	4.7
	Terral TV48R14	4.8
	Terral TV49R17	4.9
	Terral TV49R19	4.9
	Terral TV49R27	4.9
	Terral TV52R14	5.2
	Terral TV52R28	5.2
	Terral TV54R28	5.4
	Terral TV55R15	5.5
Terral TV59R16	5.9	
Terral TVX52R757	5.2	
UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211	USG 7495nRS	4.9
	USG 74A45	4.5
	USG 74A88	4.8
	USG 74A91	4.9
	USG 74E68	4.6
	USG 74F78	4.7
	USG 74F96	4.9
	USG 7553nRS	5.5
	USG 7582nRR	5.8
	USG 75J97	5.9
	USG 75Z38	5.3
	USG 75Z98	5.9
	USG ALLEN	5.6
United Agri Products 57 Germantown Ct. Suite 200 Cordova, TN 38018	Dyna-Gro 31R54	5.4
	Dyna-Gro 32A53	5.3
	Dyna-Gro 32B57	5.7
	Dyna-Gro 32P48	4.8
	Dyna-Gro 32R46	4.6
	Dyna-Gro 33B52	5.2
	Dyna-Gro 33C59	5.9
	Dyna-Gro 33P54	5.4
	Dyna-Gro 33X55	5.5
	Dyna-Gro 33Y45	4.5
	Dyna-Gro 3583	5.9
	Dyna-Gro 35F55	5.5
	Dyna-Gro 36C44	4.4
	Dyna-Gro 36Y48	4.8
	Dyna-Gro 37A44	4.4
Dyna-Gro 37F46	4.6	
Dyna-Gro 37P49	4.9	
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	R01-4834RR	5.9
	R04-1274RR	5.9
	R04-1276RR	5.9
	R04-170RR	5.9
University of Missouri P.O. Box 160 147 State Hwy T Portageville, MO 63873	S04-21237	5.8

SOYBEAN TEST LOCATIONS



- LMCRS Lon Mann Cotton Research Station, Marianna, Arkansas
- NEREC Northeast Research and Extension Center, Keiser, Arkansas
- RREC Rice Research and Extension Center, Stuttgart, Arkansas
- SEREC-RD Southeast Research and Extension Center – Rohwer Division, Rohwer, Arkansas
- SMF Scott Matthews Farm, Poinsett County, Arkansas
- VSS Vegetable Substation, Kibler, Arkansas

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