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Arkansas Soybean Performance Tests 2007

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ARKANSAS AGRICULTURAL EXPERIMENT STATION

Division of Agriculture

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ARKANSAS SOYBEAN PERFORMANCE TESTS

2007

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ARKANSAS SOYBEAN PERFORMANCE TESTS¹ 2007

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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 Co-operative Extension Service in formulating cultivar recommendations for soybean producers.

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.

The 2007 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.

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 to 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 (EPTs) 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 IVs, relative maturity 4.0-4.6, 4.7-4.9 and Maturity Group Vs.

Within each CCT or EPT, 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 | 4. 9-19% shattered |
| 2. 1-3% shattered | 5. 20% or more shattered |
| 3. 4-8% shattered | |

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

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

Average plant height was recorded in inches for each plot.

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

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Table 1. Yields (bu./A) of Early Planted, Roundup Ready Soybean Cultivars at All Arkansas Locations, 2007¹.

Brand/Hybrid	Keiser	Marianna	Rohwer	Poinsett Co. ²	Silt Loam ³ Average	All Location ⁴ Average
.....bu./A.....						
<u>Maturity Group III (RM 3.5 to 3.9)</u>						
Armor 39-K4	51.0	60.5	72.6	76.3	69.8	65.1
ASGROW AG3705	54.2	53.3	68.0	69.8	63.7	61.3
ASGROW AG3905	60.5	64.8	70.6	73.7	69.7	67.4
ASGROW AG3906	57.2	65.8	71.9	84.4	74.0	69.8
Deltapine DP3993RR	58.6	61.9	77.6	64.9	68.1	65.8
HBK R3824	63.5	63.9	68.7	64.8	65.8	65.2
HBK R3927	59.7	61.9	68.8	69.1	66.6	64.9
Progeny 3900RR	53.9	51.7	74.0	67.0	64.2	61.7
S03-051	49.9	60.3	69.2	68.9	66.1	62.1
Mean	56.5	60.5	71.3	71.0	67.6	64.8
LSD (5%)	5.2	8.0	8.2	9.4	▪	▪
C.V. (%)	6.4	9.1	7.9	8.9	▪	▪

Maturity Group IV Early (RM 4.0 to 4.6)

Armor 42-P7	45.9	50.7	60.6	▪	55.7	52.4
ASGROW AG4103	71.1	62.3	71.7	▪	67.0	68.4
ASGROW AG4403	72.3	75.6	67.2	▪	71.4	71.7
ASGROW AG4404	61.0	65.6	69.3	▪	67.5	65.3
ASGROW AG4405	71.9	64.5	62.5	▪	63.5	66.3
ASGROW AG4604	77.3	67.1	68.1	▪	67.6	70.8
ASGROW DKB46-51	66.3	71.3	66.0	▪	68.7	67.9
Croplan Genetics RC4417	72.4	67.6	75.3	▪	71.5	71.8
Croplan Genetics RC4444	74.6	66.9	66.4	▪	66.7	69.3
Croplan Genetics RC4455	57.4	71.1	60.7	▪	65.9	63.1
Croplan Genetics RC4655	64.3	54.0	46.3	▪	50.2	54.9
Delta Grow 4150RR	61.3	59.6	63.9	▪	61.8	61.6
Delta Grow 4460RR	53.8	62.7	64.2	▪	63.5	60.2
Delta Grow 4470RR/STS	69.2	72.6	73.8	▪	73.2	71.9
Delta Grow 4660RR	73.9	56.0	56.2	▪	56.1	62.0
Delta King DK4567	62.0	65.2	63.5	▪	64.4	63.6
Delta King DK4667	67.1	64.8	51.0	▪	57.9	61.0
Deltapine DP4112RR/S	67.4	60.8	54.7	▪	57.8	61.0
Deltapine DP4450RR	57.4	72.3	62.0	▪	67.2	63.9
Deltapine DP4546RR	74.4	56.5	56.8	▪	56.7	62.6
Deltapine DPX4334RR	77.7	66.4	62.9	▪	64.7	69.0
Dyna-Gro 32R46	68.3	68.3	65.5	▪	66.9	67.4
Dyna-Gro 37A44	57.3	69.7	61.3	▪	65.5	62.8
Dyna-Gro 37F46	65.1	62.6	57.3	▪	60.0	61.7
HBK R4527	68.7	60.6	61.8	▪	61.2	63.7
MORSOY RT4485N	56.3	68.2	59.3	▪	63.8	61.3
MORSOY RTS4007N	57.5	54.8	69.0	▪	61.9	60.4
MORSOY RTS4556N	66.9	60.6	68.6	▪	64.6	65.4

Table 1. Yields (bu./A) of Early Planted, Roundup Ready Soybean Cultivars at All Arkansas Locations, 2007¹, Continued.

Brand/Hybrid	Keiser	Marianna	Rohwer	Poinsett Co. ²	Silt Loam ³ Average	All Location ⁴ Average
.....bu./A.....						
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>						
Pioneer 94M30	69.4	61.5	74.2	▪	67.9	68.4
Progeny 4206RR	65.7	73.9	76.5	▪	75.2	72.0
Progeny 4507RR	71.5	65.3	67.1	▪	66.2	68.0
Progeny 4606RR	62.7	68.4	65.8	▪	67.1	65.6
S04-5969	69.8	68.5	61.5	▪	65.0	66.6
S04-6008	68.6	77.9	65.7	▪	71.8	70.7
S04-6013	79.2	65.7	63.9	▪	64.8	69.6
Schillinger 457RCP	76.0	63.6	63.7	▪	63.7	67.8
Schillinger 467RCP	75.4	62.0	67.5	▪	64.8	68.3
Terral TV44R27	57.8	66.0	68.5	▪	67.3	64.1
Terral TV45R14	63.1	61.7	45.7	▪	53.7	56.8
Terral TV46R15	68.2	57.8	48.1	▪	53.0	58.0
USG 7440NRR	73.6	66.1	61.1	▪	63.6	66.9
USG 7466NRR	72.2	60.7	53.8	▪	57.3	62.2
USG 74A27	63.1	65.4	68.3	▪	66.9	65.6
Mean	66.9	64.7	63.2	▪	64.0	64.9
LSD (5%)	7.8	7.4	6.6	▪	▪	▪
C.V. (%)	8.4	8.3	7.5	▪	▪	▪

Maturity Group IV Late (RM 4.7 to 4.9)

ASGROW AG4703	65.8	57.0	67.6	72.7	65.8	65.8
ASGROW AG4903	69.7	59.5	63.6	91.2	71.4	71.0
Croplan Genetics RC4757	67.2	53.6	69.3	75.2	66.0	66.3
Croplan Genetics RC4842	71.6	55.3	58.5	61.7	58.5	61.8
Croplan Genetics RC4877	75.5	53.8	67.8	90.8	70.8	72.0
Croplan Genetics RC4955	73.1	50.1	53.7	88.9	64.2	66.5
Delta Grow 4770RR	69.6	61.8	62.7	66.5	63.7	65.2
Delta Grow 4780RR	79.3	55.6	66.9	85.8	69.4	71.9
Delta Grow 4840RR	70.2	58.0	61.0	77.8	65.6	66.8
Delta Grow 4970RR	76.5	51.8	63.0	79.0	64.6	67.6
Delta Grow 4975LARR	76.4	70.4	63.0	87.4	73.6	74.3
Delta King DK4763	66.7	59.0	67.8	69.1	65.3	65.7
Delta King DK4866	78.8	59.5	63.3	88.4	70.4	72.5
Delta King DK4967	76.5	55.3	64.9	65.5	61.9	65.6
Delta King DK4968	68.3	50.2	68.8	80.5	66.5	67.0
Deltapine DP4888RR/S	69.0	53.1	62.5	80.4	65.3	66.3
Deltapine DP4919RR/S	74.8	58.2	67.6	69.1	65.0	67.4
Dyna-Gro 36Y48	77.2	62.7	65.5	83.2	70.5	72.2
Dyna-Gro 37P49	78.3	67.3	64.2	86.2	72.6	74.0
Eagle Seed ESXVT 675RR	60.2	49.0	52.6	87.2	62.9	62.3
HBK R4724	79.9	52.1	69.6	65.3	62.3	66.7
HBK R4727	80.6	54.6	65.3	97.2	72.4	74.4
HBK R4924	60.9	60.5	68.4	85.4	71.4	68.8

Table 1. Yields (bu./A) of Early Planted, Roundup Ready Soybean Cultivars at All Arkansas Locations, 2007¹, Continued.

Brand/Hybrid	Keiser	Marianna	Rohwer	Poinsett Co. ²	Silt Loam ³ Average	All Location ⁴ Average
.....bu./A.....						
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>						
JG49	72.1	49.0	66.1	77.8	64.3	66.3
MORSOY RT4707N	74.0	57.8	68.1	83.2	69.7	70.8
MORSOY RT4802N	78.9	50.5	60.4	73.0	61.3	65.7
MORSOY RT4806N	74.8	64.6	63.9	73.0	67.2	69.1
MORSOY RT4914N	72.5	53.3	70.6	74.8	66.2	67.8
MORSOY RTS4706N	65.5	65.1	65.4	82.8	71.1	69.7
MORSOY RTS4955N	72.5	64.7	63.7	83.4	70.6	71.1
Pioneer 94B73	72.8	60.3	72.8	72.3	68.5	69.6
Pioneer 94M71	68.6	46.2	63.3	66.3	58.6	61.1
Pioneer 94M80	70.5	46.5	62.4	52.3	53.7	57.9
Progeny 4706RR	73.1	64.3	66.7	72.0	67.7	69.0
Progeny 4804RR	69.3	57.4	63.8	69.4	63.5	65.0
Progeny 4807RR	80.7	55.7	67.3	94.9	72.6	74.7
Progeny 4817RR	49.5	42.8	51.5	62.8	52.4	51.7
Progeny 4906RR	78.1	66.3	62.1	87.2	71.9	73.4
Progeny 4949RR	70.3	56.2	63.5	74.1	64.6	66.0
Schillinger 495RC	79.5	49.6	61.3	84.1	65.0	68.6
Terral TV47R17	74.2	50.8	54.8	66.2	57.3	61.5
Terral TV49R17	70.9	44.3	51.2	71.5	55.7	59.5
USG 7494NRR	66.7	52.2	61.5	72.8	62.2	63.3
USG 74A91	80.2	60.7	63.3	83.3	69.1	71.9
USG 74F78	65.9	50.4	69.9	81.1	67.1	66.8
USG 74F96	69.3	57.0	57.0	78.9	64.3	65.6
Mean	72.1	56.0	63.7	77.6	65.8	67.4
LSD (5%)	9.2	7.9	6.1	11.4	▪	▪
C.V. (%)	7.9	10.2	6.9	10.4	▪	▪

Maturity Group V (RM 5.0 to 5.3)

Croplan Genetics RC5007	65.2	56.0	59.9	70.9	62.3	63.0
Croplan Genetics RC5222	65.8	62.2	70.3	67.8	66.8	66.5
Delta Grow 5160RR/STS	70.5	63.6	63.8	60.9	62.8	64.7
Delta Grow 5270RR	73.2	56.9	58.4	52.4	55.9	60.2
Delta Grow Exp Lee 54	51.3	59.3	60.6	63.6	61.2	58.7
Delta King DK5066	77.8	66.8	69.5	51.8	62.7	66.5
Delta King DK5161	65.3	59.5	55.3	62.0	58.9	60.5
Delta King DK52K6	68.6	60.0	43.6	73.3	59.0	61.4
Deltapine DP5115RR/S	66.9	57.8	61.7	60.9	60.1	61.8
Dyna-Gro 32A53	80.8	60.8	60.3	69.9	63.7	68.0
Dyna-Gro 33B52	77.4	54.7	53.7	65.8	58.1	62.9
Eagle Seed ESXVT 518RR	56.0	48.8	49.3	56.2	51.4	52.6

Table 1. Yields (bu./A) of Early Planted, Roundup Ready Soybean Cultivars at All Arkansas Locations, 2007¹, Continued.

Brand/Hybrid	Keiser	Marianna	Rohwer	Poinsett Co. ²	Silt Loam ³ Average	All Location ⁴ Average
.....bu./A.....						
<u>Maturity Group V (RM 5.0 to 5.3) Continued</u>						
HBK R5027	72.1	47.5	49.4	62.3	53.1	57.8
HBK R5226	71.9	54.6	62.7	80.7	66.0	67.5
HBK RS5227	64.4	63.2	67.5	59.0	63.2	63.5
MORSOY RT5107N	78.5	54.0	67.4	62.8	61.4	65.7
MORSOY RT5306N	68.4	67.4	59.7	78.1	68.4	68.4
MORSOY RT5307N	70.1	51.9	69.7	57.3	59.6	62.3
Progeny 5107RR	55.7	51.0	52.3	56.0	53.1	53.8
Progeny 5115RR	67.2	67.6	55.7	67.3	63.5	64.5
Progeny 5207RR	72.7	57.0	64.3	57.8	59.7	63.0
Progeny 5217RR	70.6	59.1	51.8	74.0	61.6	63.9
Progeny 5307RR	71.5	64.4	59.2	63.1	62.2	64.6
Mean	68.8	58.4	59.4	64.1	60.6	62.7
LSD (5%)	7.6	10.3	8.2	11.3	▪	▪
C.V. (%)	7.8	12.6	9.9	12.3	▪	▪

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

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

Rohwer, Southeast Research and Extension Center - Rohwer Division. Soil series = Hebert silt loam.

Poinsett County, Scott Matthews Farm. Soil series = Henry silt loam.

²The Maturity Group IV Early Test will not be reported due to poor uniformity.

³Average yield from Marianna, Rohwer and Poinsett County locations.

⁴Average yield from all locations.

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group III (RM 3.5 to 3.9)</u>							
HBK R3824	63.5	64.4	62.1	9/04	1.3	1.0	31
ASGROW AG3905	60.5	66.5	60.4	9/06	1.5	1.0	34
HBK R3927	59.7	▪	▪	9/03	1.0	1.0	35
Deltapine DP3993RR	58.6	▪	▪	9/02	1.0	1.3	28
ASGROW AG3906	57.2	57.2	53.8	9/06	1.0	1.0	29
ASGROW AG3705	54.2	▪	▪	9/07	1.0	1.5	31
Progeny 3900RR	53.9	56.6	56.0	9/03	1.0	1.5	25
Armor 39-K4	51.0	64.7	▪	9/04	2.3	3.5	37
S03-051	49.9	49.0	▪	9/05	1.0	2.8	35
Grand mean	56.5	▪	▪	9/04	1.2	1.6	32
LSD (5%)	5.2	▪	▪	2	0.6	0.6	▪
C.V. (%)	6.4	▪	▪	2	31.6	24.3	▪

Maturity Group IV Early (RM 4.0 to 4.6)

S04-6013	79.2	▪	▪	9/11	1.0	1.0	32
Deltapine DPX4334RR	77.7	▪	▪	9/12	2.3	1.0	35
ASGROW AG4604	77.3	▪	▪	9/10	1.0	1.0	35
Schillinger 457RCP	76.0	▪	▪	9/15	3.5	1.0	38
Schillinger 467RCP	75.4	▪	▪	9/15	1.3	1.0	36
Croplan Genetics RC4444	74.6	75.2	73.5	9/08	1.0	1.0	33
Deltapine DP4546RR	74.4	79.0	74.5	8/29	2.0	1.3	37
Delta Grow 4660RR	73.9	74.7	72.3	9/10	2.8	1.0	38
USG 7440NRR	73.6	72.4	▪	9/10	1.0	1.0	31
Croplan Genetics RC4417	72.4	▪	▪	9/13	1.8	1.0	37
ASGROW AG4403	72.3	71.4	70.1	9/09	1.5	1.0	32
USG 7466NRR	72.2	76.5	▪	9/12	2.8	1.0	38
ASGROW AG4405	71.9	▪	▪	9/06	1.0	1.0	30
Progeny 4507RR	71.5	▪	▪	9/10	1.0	1.5	31
ASGROW AG4103	71.1	▪	▪	9/06	1.0	1.0	27
S04-5969	69.8	▪	▪	9/09	1.0	1.0	35
Pioneer 94M30	69.4	▪	▪	9/12	1.0	1.0	30
Delta Grow 4470RR/STS	69.2	▪	▪	9/10	1.0	1.5	28
HBK R4527	68.7	▪	▪	9/10	2.5	1.0	43
S04-6008	68.6	▪	▪	9/11	1.0	1.3	31
Dyna-Gro 32R46	68.3	▪	▪	9/14	1.5	1.3	30
Terral TV46R15	68.2	70.4	69.7	9/09	2.0	1.0	38
Deltapine DP4112RR/S	67.4	67.6	▪	9/06	1.8	1.0	37
Delta King DK4667	67.1	76.7	▪	9/09	2.5	1.0	42
MORSOY RTS4556N	66.9	▪	▪	9/09	1.0	1.3	28
ASGROW DKB46-51	66.3	62.6	63.7	9/15	1.8	1.0	32
Progeny 4206RR	65.7	69.3	▪	9/09	1.0	1.5	31
Dyna-Gro 37F46	65.1	76.4	▪	9/08	3.0	1.3	36
Croplan Genetics RC4655	64.3	64.7	▪	9/13	1.0	1.0	45

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
USG 74A27	63.1	▪	▪	9/16	1.0	1.0	24
Progeny 4606RR	62.7	62.1	▪	9/13	1.5	1.3	30
Delta King DK4567	62.0	▪	▪	9/14	1.0	1.0	29
Delta Grow 4150RR	61.3	62.7	63.8	9/14	1.0	1.3	34
ASGROW AG4404	61.0	57.7	58.1	9/16	1.0	1.0	29
Terral TV44R27	57.8	60.4	▪	9/05	1.5	1.3	36
MORSOY RTS4007N	57.5	▪	▪	9/02	1.5	1.5	31
Croplan Genetics RC4455	57.4	▪	▪	9/05	1.0	1.0	34
Deltapine DP4450RR	57.4	▪	▪	9/05	1.3	1.8	37
Dyna-Gro 37A44	57.3	60.0	▪	9/07	2.0	1.3	32
MORSOY RT4485N	56.3	59.7	62.4	9/04	1.0	1.0	35
Delta Grow 4460RR	53.8	57.0	62.2	9/07	2.5	1.3	37
Armor 42-P7	45.9	52.7	▪	9/15	1.0	1.0	29
Grand mean	66.9	▪	▪	9/10	1.5	1.1	34
LSD (5%)	7.8	▪	▪	7	0.8	0.5	▪
C.V. (%)	8.4	▪	▪	7	38.7	34.2	▪

Maturity Group IV Late (RM 4.7 to 4.9)

Progeny 4807RR	80.7	▪	▪	9/16	2.7	1.0	36
HBK R4727	80.6	▪	▪	9/18	1.7	1.0	36
USG 74A91	80.2	81.8	▪	9/14	2.0	1.0	33
HBK R4724	79.9	82.0	75.6	9/17	1.0	2.0	34
Schillinger 495RC	79.5	78.9	78.2	9/17	3.0	1.0	36
Delta Grow 4780RR	79.3	▪	▪	9/19	2.3	1.0	36
MORSOY RT4802N	78.9	81.8	78.3	9/11	1.0	1.0	32
Delta King DK4866	78.8	82.2	79.5	9/18	1.0	1.0	35
Dyna-Gro 37P49	78.3	▪	▪	9/17	1.7	1.0	36
Progeny 4906RR	78.1	81.3	▪	9/16	1.3	1.3	34
Dyna-Gro 36Y48	77.2	82.2	▪	9/14	1.3	1.0	33
Delta Grow 4970RR	76.5	80.3	78.3	9/15	1.7	1.3	33
Delta King DK4967	76.5	79.6	76.0	9/09	1.0	1.0	32
Delta Grow 4975LARR	76.4	78.8	▪	9/19	1.3	1.0	36
Croplan Genetics RC4877	75.5	▪	▪	9/14	1.0	1.3	37
Deltapine DP4919RR/S	74.8	79.5	▪	9/14	1.0	1.0	35
MORSOY RT4806N	74.8	79.0	▪	9/09	1.3	1.0	30
Terral TV47R17	74.2	77.9	▪	9/21	1.0	1.0	40
MORSOY RT4707N	74.0	▪	▪	9/16	2.0	1.0	36
Croplan Genetics RC4955	73.1	79.7	▪	9/17	2.0	1.0	38
Progeny 4706RR	73.1	77.5	▪	9/09	1.3	1.0	29
Pioneer 94B73	72.8	75.9	72.5	9/14	1.3	1.0	32
MORSOY RT4914N	72.5	76.5	75.3	9/18	3.0	1.0	33
MORSOY RTS4955N	72.5	75.6	72.5	9/17	2.3	1.0	37
Schillinger JG49	72.1	▪	▪	9/18	2.7	1.3	37

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Croplan Genetics RC4842	71.6	77.3	74.9	9/12	1.0	1.0	32
Terral TV49R17	70.9	76.8	▪	9/17	1.3	1.3	44
Pioneer 94M80	70.5	76.0	73.0	9/14	1.0	1.0	35
Progeny 4949RR	70.3	75.2	76.4	9/21	1.3	1.0	40
Delta Grow 4840RR	70.2	74.1	71.5	9/14	2.0	1.0	33
ASGROW AG4903	69.7	76.2	75.1	9/21	1.0	1.0	28
Delta Grow 4770RR	69.6	72.5	▪	9/12	1.0	1.0	34
Progeny 4804RR	69.3	76.5	73.2	9/13	1.0	1.0	30
USG 74F96	69.3	77.8	▪	9/15	2.9	1.0	31
Deltapine DP4888RR/S	69.0	75.1	▪	9/21	1.0	1.3	31
Pioneer 94M71	68.6	▪	▪	9/15	2.0	2.0	39
Delta King DK4968	68.3	▪	▪	9/14	1.0	1.0	34
Croplan Genetics RC4757	67.2	▪	▪	9/12	1.0	1.0	32
Delta King DK4763	66.7	74.0	70.3	9/14	1.3	1.0	28
USG 7494NRR	66.7	71.2	▪	9/10	2.0	1.0	35
USG 74F78	65.9	▪	▪	9/17	1.0	1.0	34
ASGROW AG4703	65.8	70.0	67.2	9/17	1.0	1.0	21
MORSOY RTS4706N	65.5	69.3	▪	9/16	1.0	1.0	26
HBK R4924	60.9	73.4	69.8	9/17	2.3	1.0	37
Eagle Seed ESXVT 675RR	60.2	▪	▪	9/22	1.0	1.0	46
Progeny 4817RR	49.5	▪	▪	9/07	2.3	1.7	33
Grand mean	72.1	▪	▪	9/15	1.5	1.1	34
LSD (5%)	9.2	▪	▪	2	1.0	0.5	▪
C.V. (%)	7.9	▪	▪	2	39.5	27.2	▪

Maturity Group V (RM 5.0 to 5.3)

Dyna-Gro 32A53	80.8	▪	▪	9/27	1.0	1.0	31
MORSOY RT5107N	78.5	▪	▪	9/19	1.0	1.0	40
Delta King DK5066	77.8	74.2	72.1	9/18	1.8	1.0	42
Dyna-Gro 33B52	77.4	76.1	75.1	9/26	1.0	1.0	27
Delta Grow 5270RR	73.2	▪	▪	9/19	1.0	1.0	36
Progeny 5207RR	72.7	▪	▪	9/18	1.0	1.0	37
HBK R5027	72.1	▪	▪	9/25	1.0	1.0	33
HBK R5226	71.9	74.1	▪	9/28	1.0	1.0	31
Progeny 5307RR	71.5	▪	▪	9/18	1.8	1.0	38
Progeny 5217RR	70.6	▪	▪	9/28	1.0	1.0	25
Delta Grow 5160RR/STS	70.5	69.2	69.1	9/17	2.5	1.0	42
MORSOY RT5307N	70.1	▪	▪	9/19	1.8	1.0	35
Delta King DK52K6	68.6	70.9	▪	9/28	1.0	1.0	31
MORSOY RT5306N	68.4	71.8	▪	9/25	1.0	1.0	32
Progeny 5115RR	67.2	68.8	68.8	9/20	1.5	1.0	36

Table 2. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group V (RM 5.0 to 5.3) Continued</u>							
Deltapine DP5115RR/S	66.9	69.0	▪	9/23	1.0	1.0	42
Croplan Genetics RC5222	65.8	70.9	70.7	9/27	1.0	1.0	29
Delta King DK5161	65.3	72.1	72.1	9/24	1.0	1.0	27
Croplan Genetics RC5007	65.2	▪	▪	9/26	1.0	1.0	34
HBK RS5227	64.4	▪	▪	9/24	1.0	1.0	30
Eagle Seed ESXVT 518RR	56.0	▪	▪	9/23	3.3	1.0	48
Progeny 5107RR	55.7	▪	▪	9/24	3.0	1.0	40
Delta Grow Exp Lee 54	51.3	▪	▪	9/29	1.0	1.0	31
Grand mean	68.8	▪	▪	9/23	1.4	1.0	35
LSD (5%)	7.6	▪	▪	3	0.5	ns	▪
C.V. (%)	7.8	▪	▪	2	28.4	▪	▪

Soil Series	Sharkey clay
Previous Crop	Soybean
Row Width	Four 10-inch rows on two 38-inch beds
Fertilizer Applied	None
Planting Date	4/30
Herbicide Application(s)	Glyphosate + FirstRate, 5/19; Glyphosate, 7/06
Fungicide Application(s)	Quadris + Domark, 7/29; Domark (MG 4L and MG 5), 8/08
Irrigation Dates	6/06, 6/13, 7/13, 7/24, 8/01, 8/08, 8/16
Harvest Dates	MG3 9/17 MG 4E 9/21 MG 4L 10/03 MG 5 10/05

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group III (RM 3.5 to 3.9)</u>							
ASGROW AG3906	65.8	64.8	66.8	8/21	1.0	1.8	33
ASGROW AG3905	64.8	64.3	65.4	8/13	1.5	1.3	33
HBK R3824	63.9	63.3	63.6	8/24	1.8	1.0	34
Deltapine DP3993RR	61.9	▪	▪	8/13	3.5	2.0	33
HBK R3927	61.9	▪	▪	8/25	4.3	1.3	38
Armor 39-K4	60.5	66.2	▪	8/15	4.8	1.5	36
S03-051	60.3	63.2	▪	8/18	1.8	3.8	37
ASGROW AG3705	53.3	▪	▪	8/16	1.0	2.8	31
Progeny 3900RR	51.7	57.2	62.2	8/26	1.3	2.3	34
Grand mean	60.5	▪	▪	8/19	2.3	2.0	34
LSD (5%)	8.0	▪	▪	7	0.9	0.6	▪
C.V. (%)	9.1	▪	▪	9	26.4	22.6	▪
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
S04-6008	77.9	▪	▪	8/31	1.0	1.0	33
ASGROW AG4403	75.6	79.2	76.9	8/26	1.0	1.0	31
Progeny 4206RR	73.9	83.4	▪	9/04	1.0	2.0	30
Delta Grow 4470RR/STS	72.6	▪	▪	9/04	1.0	1.8	28
Deltapine DP4450RR	72.3	▪	▪	8/22	3.0	1.3	39
ASGROW DKB46-51	71.3	70.2	70.1	8/27	1.3	1.0	34
Croplan Genetics RC4455	71.1	▪	▪	8/23	4.0	1.0	38
Dyna-Gro 37A44	69.7	74.5	▪	8/24	2.8	1.3	39
S04-5969	68.5	▪	▪	8/22	1.0	1.0	38
Progeny 4606RR	68.4	73.6	▪	8/27	1.0	1.0	28
Dyna-Gro 32R46	68.3	▪	▪	9/01	1.0	1.5	29
MORSOY RT4485N	68.2	73.7	73.7	8/22	2.8	1.5	37
Croplan Genetics RC4417	67.6	▪	▪	8/28	1.0	1.3	35
ASGROW AG4604	67.1	▪	▪	8/25	1.8	1.0	33
Croplan Genetics RC4444	66.9	75.4	76.2	8/24	1.0	1.3	37
Deltapine DPX4334RR	66.4	▪	▪	8/22	1.0	1.8	34
USG 7440NRR	66.1	73.0	▪	8/25	1.0	1.5	33
Terral TV44R27	66.0	68.3	▪	8/22	4.0	1.0	37
S04-6013	65.7	▪	▪	8/27	1.0	1.3	37
ASGROW AG4404	65.6	69.4	70.9	8/24	1.0	1.0	30
USG 74A27	65.4	▪	▪	8/29	1.0	1.0	31
Progeny 4507RR	65.3	▪	▪	8/24	1.0	2.3	32
Delta King DK4567	65.2	▪	▪	8/26	1.3	1.8	32
Delta King DK4667	64.8	69.7	▪	8/30	4.8	2.0	45
ASGROW AG4405	64.5	▪	▪	8/21	1.5	1.8	33
Schillinger 457RCP	63.6	▪	▪	8/20	3.0	2.0	32
Delta Grow 4460RR	62.7	70.5	70.2	8/21	4.8	2.0	36

Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
Dyna-Gro 37F46	62.6	67.0	▪	9/04	4.3	1.5	41
ASGROW AG4103	62.3	▪	▪	9/01	1.0	2.8	31
Schillinger 467RCP	62.0	▪	▪	8/28	2.3	1.0	33
Terral TV45R14	61.7	▪	▪	8/22	4.0	2.3	39
Pioneer 94M30	61.5	▪	▪	9/03	1.3	1.0	33
Deltapine DP4112RR/S	60.8	63.1	▪	8/20	1.3	3.0	38
USG 7466NRR	60.7	64.2	▪	8/31	4.3	1.5	36
HBK R4527	60.6	▪	▪	8/31	4.3	1.0	40
MORSOY RTS4556N	60.6	▪	▪	8/25	1.0	1.8	31
Delta Grow 4150RR	59.6	67.5	69.4	9/01	2.5	1.0	35
Terral TV46R15	57.8	70.2	69.2	8/24	2.3	2.3	36
Deltapine DP4546RR	56.5	64.8	65.7	8/23	4.0	1.8	36
Delta Grow 4660RR	56.0	59.8	61.3	8/28	3.8	1.3	35
MORSOY RTS4007N	54.8	▪	▪	8/16	2.0	3.8	28
Croplan Genetics RC4655	54.0	61.2	▪	8/24	1.0	1.3	38
Armor 42-P7	50.7	61.7	▪	8/22	3.3	1.0	32
Grand mean	64.7	▪	▪	8/26	2.2	1.6	34
LSD (5%)	7.4	▪	▪	7	1.2	0.8	▪
C.V. (%)	8.3	▪	▪	9	38.7	37.2	▪

Maturity Group IV Late (RM 4.7 to 4.9)

Delta Grow 4975LARR	70.4	77.6	▪	8/25	1.5	1.0	34
Dyna-Gro 37P49	67.3	▪	▪	9/05	1.0	1.0	35
Progeny 4906RR	66.3	76.8	▪	9/10	1.5	1.0	36
MORSOY RTS4706N	65.1	74.1	▪	8/27	1.0	1.0	28
MORSOY RTS4955N	64.7	74.4	73.8	9/01	1.5	1.3	32
MORSOY RT4806N	64.6	67.9	▪	8/21	1.0	1.8	32
Progeny 4706RR	64.3	73.2	▪	8/23	1.3	1.3	31
Dyna-Gro 36Y48	62.7	74.3	▪	9/03	2.0	1.0	33
Delta Grow 4770RR	61.8	69.1	▪	8/20	1.3	2.8	35
USG 74A91	60.7	71.9	▪	9/02	1.3	1.0	35
HBK R4924	60.5	71.4	68.9	8/27	1.0	1.0	42
Pioneer 94B73	60.3	70.3	71.6	8/29	4.8	1.0	42
ASGROW AG4903	59.5	69.9	69.6	9/01	1.0	1.0	28
Delta King DK4866	59.5	72.7	73.8	9/05	1.3	1.0	35
Delta King DK4763	59.0	63.8	66.4	8/23	1.3	1.0	33
Deltapine DP4919RR/S	58.2	66.5	▪	8/28	1.8	2.3	34
Delta Grow 4840RR	58.0	62.7	63.0	8/26	4.0	1.0	33
MORSOY RT4707N	57.8	▪	▪	9/08	1.3	2.0	37
Progeny 4804RR	57.4	64.0	63.3	8/21	3.8	1.0	34
ASGROW AG4703	57.0	68.2	69.8	8/24	1.8	1.0	31

Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
USG 74F96	57.0	70.0	▪	8/24	1.8	1.0	28
Progeny 4949RR	56.2	66.5	68.1	9/16	1.8	1.5	36
Progeny 4807RR	55.7	▪	▪	9/18	1.0	1.5	37
Delta Grow 4780RR	55.6	▪	▪	9/11	1.5	1.8	38
Croplan Genetics RC4842	55.3	64.2	64.8	8/21	1.0	2.3	31
Delta King DK4967	55.3	63.6	63.4	8/21	1.0	1.8	29
HBK R4727	54.6	▪	▪	9/13	1.3	2.0	34
Croplan Genetics RC4877	53.8	▪	▪	9/08	1.3	2.3	36
Croplan Genetics RC4757	53.6	▪	▪	8/28	1.0	1.3	25
MORSOY RT4914N	53.3	67.5	69.1	9/03	3.0	1.8	34
Deltapine DP4888RR/S	53.1	64.7	▪	9/16	1.3	1.5	36
USG 7494NRR	52.2	61.7	▪	8/24	1.8	1.3	31
HBK R4724	52.1	64.8	69.3	9/06	1.0	5.0	36
Delta Grow 4970RR	51.8	64.6	67.3	9/03	3.8	2.0	40
Terral TV47R17	50.8	60.3	▪	9/12	2.8	3.3	45
MORSOY RT4802N	50.5	61.5	62.7	8/22	1.0	2.8	34
USG 74F78	50.4	▪	▪	8/25	1.3	1.5	28
Delta King DK4968	50.2	▪	▪	8/24	2.8	2.3	39
Croplan Genetics RC4955	50.1	58.1	▪	9/12	1.3	1.3	41
Schillinger 495RC	49.6	59.1	63.7	9/03	2.8	2.3	37
Eagle Seed ESXVT 675RR	49.0	▪	▪	9/12	3.0	1.0	49
Schillinger JG49	49.0	▪	▪	9/04	3.3	1.5	36
Pioneer 94M80	46.5	59.0	63.5	8/22	1.5	3.8	41
Pioneer 94M71	46.2	▪	▪	8/25	3.8	2.3	39
Terral TV49R17	44.3	57.2	▪	8/22	1.8	2.3	42
Progeny 4817RR	42.8	▪	▪	8/20	2.8	2.3	36
Grand mean	56.0	▪	▪	8/31	1.9	1.7	35
LSD (5%)	7.9	▪	▪	9	1.2	0.8	▪
C.V. (%)	10.2	▪	▪	10	45.3	33.4	▪

Maturity Group V (RM 5.0 to 5.3)

Progeny 5115RR	67.6	71.1	68.0	9/12	1.3	1.0	39
MORSOY RT5306N	67.4	69.7	▪	9/19	1.0	1.0	28
Delta King DK5066	66.8	75.9	71.7	9/05	1.5	1.0	37
Progeny 5307RR	64.4	▪	▪	9/03	3.3	1.8	40
Delta Grow 5160RR/STS	63.6	74.5	71.4	9/07	1.0	1.0	34
HBK RS5227	63.2	▪	▪	9/12	1.0	1.3	34
Croplan Genetics RC5222	62.2	68.2	64.7	9/12	1.0	1.0	33
Dyna-Gro 32A53	60.8	▪	▪	9/15	1.0	1.0	34
Delta King DK52K6	60.0	64.0	▪	9/21	1.0	1.5	33
Delta King DK5161	59.5	64.2	61.5	9/11	1.0	1.0	34

Table 3. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group V (RM 5.0 to 5.3) Continued</u>							
Delta Grow Exp Lee 54	59.3	▪	▪	9/18	1.0	1.0	39
Progeny 5217RR	59.1	▪	▪	9/18	1.0	1.0	24
Deltapine DP5115RR/S	57.8	65.9	▪	9/01	1.0	1.0	41
Progeny 5207RR	57.0	▪	▪	9/05	1.0	2.0	33
Delta Grow 5270RR	56.9	▪	▪	8/30	1.0	1.4	31
Croplan Genetics RC5007	56.0	▪	▪	9/11	1.0	1.0	32
Dyna-Gro 33B52	54.7	62.8	60.0	9/21	1.0	1.0	31
HBK R5226	54.6	60.8	▪	9/16	1.0	1.0	33
MORSOY RT5107N	54.0	▪	▪	8/30	1.0	1.5	37
MORSOY RT5307N	51.9	▪	▪	8/30	2.0	2.8	32
Progeny 5107RR	51.0	▪	▪	9/19	1.5	1.3	37
Eagle Seed ESXVT 518RR	48.8	▪	▪	9/14	1.5	1.0	42
HBK R5027	47.5	▪	▪	9/07	1.0	1.0	27
Grand mean	58.4	▪	▪	9/11	1.2	1.2	34
LSD (5%)	10.3	▪	▪	7	0.6	0.6	▪
C.V. (%)	12.6	▪	▪	7	37.5	32.3	▪

Soil Series	Calloway silt loam
Previous Crop	Soybean
Row Width	30 inches
Fertilizer Applied	0-0-60, 3/05
Planting Date	4/20
Herbicide Application(s)	Glyphosate + Dual II Magnum, 4/20; Glyphosate, 6/1; Storm + Dual, 6/14
Fungicide Applications(s)	Quadris + TOPGUARD, 7/27; Quadris + TOPGUARD, 8/14
Insecticide Application(s)	Methyl Parathion, 9/16
Irrigation Dates	6/09, 6/19, 7/01, 7/24, 7/29, 8/03, 8/19, 8/17
Harvest Dates	MG3 9/21 MG 4E 10/03 MG 4L 10/04 MG 5 10/05

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.3	2.7	3.7	6.0	0.9	3.0	20.6
Average	5.4	5.2	3.4	4.0	2.8	4.0	24.8
Departure	-1.1	-2.5	0.3	2.0	-1.9	-1.0	- 4.2

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group III (RM 3.5 to 3.9)</u>							
Deltapine DP3993RR	77.6	▪	▪	8/22	1.3	1.0	36
Progeny 3900RR	74.0	70.4	66.2	8/23	1.0	1.0	32
Armor 39-K4	72.6	68.6	▪	8/22	1.8	1.0	40
ASGROW AG3906	71.9	68.9	62.1	8/19	1.0	1.0	32
ASGROW AG3905	70.6	64.6	57.1	8/21	1.0	1.0	35
S03-051	69.2	62.9	▪	8/20	2.0	1.0	41
HBK R3927	68.8	▪	▪	8/20	1.5	1.0	42
HBK R3824	68.7	65.2	▪	8/19	1.5	1.0	40
ASGROW AG3705	68.0	▪	▪	8/22	1.0	1.0	32
Grand mean	71.3	▪	▪	8/21	1.3	1.0	37
LSD (5%)	8.2	▪	▪	4	0.6	ns	▪
C.V. (%)	7.9	▪	▪	5	29.0	▪	▪
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Progeny 4206RR	76.5	68.7	▪ ¹	8/26	1.0	1.0	35
Croplan Genetics RC4417	75.3	▪	▪	8/26	1.5	1.0	39
Pioneer 94M30	74.2	▪	▪	8/28	1.0	1.0	40
Delta Grow 4470RR/STS	73.8	▪	▪	8/28	1.0	1.0	32
ASGROW AG4103	71.7	▪	▪	8/21	1.0	1.0	40
ASGROW AG4404	69.3	60.8	▪	8/22	1.0	1.0	33
MORSOY RTS4007N	69.0	▪	▪	8/20	1.5	1.0	36
MORSOY RTS4556N	68.6	▪	▪	8/24	1.0	1.0	36
Terral TV44R27	68.5	64.1	▪	8/22	2.5	1.0	45
USG 74A27	68.3	▪	▪	8/23	1.0	1.0	34
ASGROW AG4604	68.1	▪	▪	8/24	1.0	1.0	37
Schillinger 467RCP	67.5	▪	▪	8/22	1.0	1.0	38
ASGROW AG4403	67.2	65.5	58.2	8/24	1.0	1.0	38
Progeny 4507RR	67.1	▪	▪	8/23	1.0	1.0	34
Croplan Genetics RC4444	66.4	67.2	▪	8/25	1.3	1.0	40
ASGROW DKB46-51	66.0	61.7	57.7	8/19	1.0	1.0	35
Progeny 4606RR	65.8	65.6	▪	8/26	1.0	1.0	32
S04-6008	65.7	▪	▪	8/25	1.3	1.0	41
Dyna-Gro 32R46	65.5	▪	▪	8/26	1.0	1.0	35
Delta Grow 4460RR	64.2	63.3	▪	8/21	3.3	1.0	46
Delta Grow 4150RR	63.9	63.1	▪	8/21	1.0	1.0	38
S04-6013	63.9	▪	▪	8/23	1.3	1.0	42
Schillinger 457RCP	63.7	▪	▪	8/23	1.8	1.0	40
Delta King DK4567	63.5	▪	▪	8/20	1.0	1.0	38
Deltapine DPX4334RR	62.9	▪	▪	8/19	1.0	1.0	37
ASGROW AG4405	62.5	▪	▪	8/22	1.8	1.0	34
Deltapine DP4450RR	62.0	▪	▪	8/20	1.8	1.0	41

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
HBK R4527	61.8	▪	▪	8/27	2.0	1.0	44
S04-5969	61.5	▪	▪	8/22	1.0	1.0	42
Dyna-Gro 37A44	61.3	64.2	▪	8/23	1.5	1.0	46
USG 7440NRR	61.1	62.6	▪	8/21	1.0	1.0	41
Croplan Genetics RC4455	60.7	▪	▪	8/19	1.5	1.0	45
Armor 42-P7	60.6	66.5	▪	8/24	1.0	1.0	40
MORSOY RT4485N	59.3	60.2	▪	8/26	2.0	1.0	41
Dyna-Gro 37F46	57.3	60.4	▪	8/21	3.0	1.0	41
Deltapine DP4546RR	56.8	59.8	▪	8/28	1.3	1.0	43
Delta Grow 4660RR	56.2	58.6	▪	8/23	3.0	1.0	43
Deltapine DP4112RR/S	54.7	50.6	▪	8/22	1.3	1.0	42
USG 7466NRR	53.8	59.0	▪	8/23	3.3	1.0	45
Delta King DK4667	51.0	55.9	▪	8/23	3.5	1.0	40
Terral TV46R15	48.1	54.9	▪	8/19	1.3	1.0	44
Croplan Genetics RC4655	46.3	51.3	▪	8/19	1.3	1.0	45
Terral TV45R14	45.7	▪	▪	8/22	1.3	1.0	45
Grand mean	63.2	▪	▪	8/23	1.5	1.0	40
LSD (5%)	6.6	▪	▪	3	0.7	ns	▪
C.V. (%)	7.5	▪	▪	4	31.5	▪	▪

Maturity Group IV Late (RM 4.7 to 4.9)

Pioneer 94B73	72.8	63.6	60.5 ¹	8/27	1.0	1.0	39
MORSOY RT4914N	70.6	68.4	▪	8/30	1.0	1.0	38
USG 74F78	69.9	▪	▪	8/26	1.0	1.0	35
HBK R4724	69.6	66.3	▪	8/26	1.0	1.0	40
Croplan Genetics RC4757	69.3	▪	▪	8/27	1.0	1.0	31
Delta King DK4968	68.8	▪	▪	8/29	1.0	1.0	37
HBK R4924	68.4	70.4	▪	8/30	1.3	1.0	40
MORSOY RT4707N	68.1	▪	▪	8/27	1.0	1.0	33
Croplan Genetics RC4877	67.8	▪	▪	8/24	1.0	1.0	33
Delta King DK4763	67.8	64.0	60.7	8/24	1.0	1.0	34
ASGROW AG4703	67.6	65.6	▪	8/26	1.0	1.0	34
Deltapine DP4919RR/S	67.6	64.9	▪	8/24	1.0	1.0	39
Progeny 4807RR	67.3	▪	▪	8/22	1.0	1.0	40
Delta Grow 4780RR	66.9	▪	▪	8/25	1.0	1.0	39
Progeny 4706RR	66.7	63.0	▪	8/22	2.0	1.0	33
Schillinger JG49	66.1	▪	▪	8/29	1.0	1.0	37
Dyna-Gro 36Y48	65.5	64.3	▪	8/31	1.3	1.0	39
MORSOY RTS4706N	65.4	66.9	▪	8/26	1.0	1.0	32
HBK R4727	65.3	▪	▪	8/24	1.0	1.0	35
Delta King DK4967	64.9	63.0	58.0	8/23	1.0	1.0	36

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Dyna-Gro 37P49	64.2	▪	▪	8/28	1.0	1.0	43
MORSOY RT4806N	63.9	61.1	▪	8/24	2.3	1.0	38
Progeny 4804RR	63.8	63.0	▪	8/23	1.3	1.0	39
MORSOY RTS4955N	63.7	64.0	▪	9/01	1.0	1.0	40
ASGROW AG4903	63.6	66.3	▪	8/29	1.0	1.0	35
Progeny 4949RR	63.5	66.4	61.1	8/27	1.0	1.0	40
Delta King DK4866	63.3	65.9	▪	8/29	1.0	1.0	41
Pioneer 94M71	63.3	▪	▪	8/23	1.3	1.0	39
USG 74A91	63.3	63.3	▪	8/29	1.3	1.0	43
Delta Grow 4970RR	63.0	64.6	▪	8/30	1.0	1.0	41
Delta Grow 4975LARR	63.0	64.3	▪	8/26	1.0	1.0	43
Delta Grow 4770RR	62.7	62.1	▪	8/24	1.8	1.0	38
Deltapine DP4888RR/S	62.5	63.6	▪	8/28	1.0	1.0	45
Pioneer 94M80	62.4	62.4	▪	8/23	1.0	1.0	39
Progeny 4906RR	62.1	63.6	▪	8/29	1.0	1.0	38
USG 7494NRR	61.5	59.3	▪	8/26	1.3	1.0	35
Schillinger 495RC	61.3	63.1	▪	8/30	1.3	1.0	43
Delta Grow 4840RR	61.0	61.4	▪	8/26	1.5	1.0	38
MORSOY RT4802N	60.4	59.6	56.1	8/25	1.3	1.0	36
Croplan Genetics RC4842	58.5	57.9	58.5	8/20	1.3	1.0	33
USG 74F96	57.0	62.2	▪	8/22	1.5	1.0	36
Terral TV47R17	54.8	57.3	▪	8/28	1.5	1.0	46
Croplan Genetics RC4955	53.7	58.4	▪	8/30	1.0	1.0	46
Eagle Seed ESXVT 675RR	52.6	▪	▪	9/02	1.3	1.0	47
Progeny 4817RR	51.5	▪	▪	8/24	1.8	1.0	41
Terral TV49R17	51.2	54.9	▪	8/27	1.3	1.0	47
Grand mean	63.7	▪	▪	8/26	1.2	1.0	39
LSD (5%)	6.1	▪	▪	3	0.5	ns	▪
C.V. (%)	7.0	▪	▪	3	29.9	▪	▪

Maturity Group V (RM 5.0 to 5.3)

Croplan Genetics RC5222	70.3	69.7	66.5	9/08	1.0	1.0	32
MORSOY RT5307N	69.7	▪	▪	9/05	1.3	1.0	36
Delta King DK5066	69.5	64.5	63.1	9/02	1.5	1.0	38
HBK RS5227	67.5	▪	▪	9/08	1.0	1.0	40
MORSOY RT5107N	67.4	▪	▪	8/30	1.0	1.0	41
Progeny 5207RR	64.3	▪	▪	8/29	1.0	1.0	37
Delta Grow 5160RR/STS	63.8	63.1	61.3	8/31	1.0	1.0	41
HBK R5226	62.7	59.3	▪	9/05	1.0	1.0	34
Deltapine DP5115RR/S	61.7	61.6	▪	8/31	1.3	1.0	46
Delta Grow Exp Lee 54	60.6	▪	▪	9/02	1.8	1.0	46

Table 4. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....							
<u>Maturity Group V (RM 5.0 to 5.3) Continued</u>							
Dyna-Gro 32A53	60.3	▪	▪	9/05	1.0	1.0	33
Croplan Genetics RC5007	59.9	▪	▪	9/02	1.0	1.0	38
MORSOY RT5306N	59.7	62.5	▪	9/04	1.0	1.0	28
Progeny 5307RR	59.2	▪	▪	8/29	1.3	1.0	43
Delta Grow 5270RR	58.4	▪	▪	8/28	1.0	1.0	39
Progeny 5115RR	55.7	57.9	58.4	9/01	1.3	1.0	43
Delta King DK5161	55.3	56.6	54.4	8/31	1.0	1.0	31
Dyna-Gro 33B52	53.7	59.6	60.3	9/08	1.0	1.0	30
Progeny 5107RR	52.3	▪	▪	9/05	2.0	1.0	42
Progeny 5217RR	51.8	▪	▪	9/01	1.0	1.0	28
HBK R5027	49.4	▪	▪	9/04	1.0	1.0	30
Eagle Seed ESXVT 518RR	49.3	▪	▪	9/06	3.3	1.0	57
Delta King DK52K6	43.6	46.5	▪	9/09	1.0	1.0	33
Grand mean	59.4	▪	▪	9/03	1.3	1.0	38
LSD (5%)	8.2	▪	▪	3	0.5	ns	▪
C.V. (%)	9.9	▪	▪	3	29.6	▪	▪

¹ Average yield of 2003, 2006 and 2007

Soil Series	Hebert silt loam
Previous Crop	Grain sorghum
Row Width	19 inches
Fertilizer Applied	None
Planting Date	4/23
Herbicide Application(s)	Glyphosate + Reflex, 5/14; Glyphosate, 5/30
Fungicide Application(s)	Quadris, 8/01
Insecticide Application(s)	Karate Z, 8/01
Irrigation Dates	6/11, 7/06, 7/24, 8/03, 8/09, 8/19
Harvest Dates	MG 3 9/17 MG 4E 9/17 MG 4L 9/17 MG 5 9/18

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.6	3.9	5.2	5.2	0.3	3.5	22.7
Average	5.0	4.7	3.5	3.9	2.7	3.1	22.9
Departure	-0.4	-0.8	1.7	1.3	-2.4	0.4	-0.2

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2007^{1,2}.

Brand/Hybrid	2007	2-Year Average	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....					
<u>Maturity Group III (RM 3.5 to 3.9)</u>					
ASGROW AG3906	84.4	75.7	1.0	1.3	35
Armor 39-K4	76.3	70.3	2.5	1.8	41
ASGROW AG3905	73.7	68.8	1.0	1.3	34
ASGROW AG3705	69.8	▪	1.0	1.0	32
HBK R3927	69.1	▪	3.3	1.5	46
S03-051	68.9	70.2	2.3	3.3	46
Progeny 3900RR	67.0	66.8	1.5	1.0	32
Deltapine DP3993RR	64.9	▪	2.0	2.0	35
HBK R3824	64.8	63.6	3.8	1.8	34
Grand mean	71.0	▪	2.0	1.7	37
LSD (5%)	9.4	▪	0.6	0.6	▪
C.V. (%)	8.9	▪	20.0	25.0	▪
<u>Maturity Group IV Late (RM 4.7 to 4.9)</u>					
HBK R4727	97.2	▪	1.2	1.4	36
Progeny 4807RR	94.9	▪	1.8	1.0	35
ASGROW AG4903	91.2	82.1	2.3	2.3	37
Croplan Genetics RC4877	90.8	▪	1.8	1.5	35
Croplan Genetics RC4955	88.9	78.4	2.5	1.5	41
Delta King DK4866	88.4	77.3	2.5	1.3	39
Delta Grow 4975LARR	87.4	82.2	2.3	1.3	40
Eagle Seed ESXVT 675RR	87.2	▪	1.8	1.0	39
Progeny 4906RR	87.2	79.0	2.0	1.0	41
Dyna-Gro 37P49	86.2	▪	2.0	1.3	39
Delta Grow 4780RR	85.8	▪	2.0	1.3	38
HBK R4924	85.4	79.0	3.5	1.3	43
Schillinger 495RC	84.1	79.2	3.3	1.0	39
MORSOY RTS4955N	83.4	77.0	4.0	1.8	45
USG 74A91	83.3	77.8	2.3	1.0	38
Dyna-Gro 36Y48	83.2	77.1	3.8	1.3	41
MORSOY RT4707N	83.2	▪	1.5	1.3	35
MORSOY RTS4706N	82.8	83.8	1.3	1.0	28
USG 74F78	81.1	▪	3.0	1.5	36
Delta King DK4968	80.5	▪	3.8	1.5	39
Deltapine DP4888RR/S	80.4	77.2	2.0	2.0	40
Delta Grow 4970RR	79.0	74.5	3.5	1.3	42
USG 74F96	78.9	75.7	4.3	1.5	34
Delta Grow 4840RR	77.8	76.9	4.0	1.5	35
Schillinger JG49	77.8	▪	3.8	1.3	44
Croplan Genetics RC4757	75.2	▪	1.3	1.3	29
MORSOY RT4914N	74.8	76.1	3.8	1.0	41
Progeny 4949RR	74.1	71.1	2.8	1.3	39

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2007^{1,2}, Continued.

Brand/Hybrid	2007	2-Year Average	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....					
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>					
MORSOY RT4802N	73.0	73.3	3.8	2.0	39
MORSOY RT4806N	73.0	71.1	3.8	1.8	40
USG 7494NRR	72.8	72.6	4.0	1.3	34
ASGROW AG4703	72.7	73.5	2.0	1.3	33
Pioneer 94B73	72.3	68.6	3.3	1.5	38
Progeny 4706RR	72.0	73.2	4.3	2.3	39
Terral TV49R17	71.5	71.4	2.3	1.8	44
Progeny 4804RR	69.4	69.4	3.5	1.3	33
Delta King DK4763	69.1	71.3	3.5	1.3	34
Deltapine DP4919RR/S	69.1	70.4	2.8	2.3	43
Delta Grow 4770RR	66.5	67.2	2.5	2.0	37
Pioneer 94M71	66.3	▪	4.5	2.0	42
Terral TV47R17	66.2	71.3	4.5	1.8	46
Delta King DK4967	65.5	73.2	4.0	1.8	35
HBK R4724	65.3	68.2	3.0	2.5	39
Progeny 4817RR	62.8	▪	4.0	1.8	35
Croplan Genetics RC4842	61.7	69.6	4.3	2.0	33
Pioneer 94M80	52.3	62.9	3.8	2.5	38
Grand mean	77.6	▪	3.0	1.5	38
LSD (5%)	11.4	▪	1.0	0.6	▪
C.V. (%)	10.4	▪	23.4	30.3	▪
<u>Maturity Group V (RM 5.0 to 5.3)</u>					
HBK R5226	80.7	68.8	3.3	1.0	34
MORSOY RT5306N	78.1	71.7	2.8	1.3	29
Progeny 5217RR	74.0	▪	1.0	1.0	30
Delta King DK52K6	73.3	70.9	1.5	1.0	33
Croplan Genetics RC5007	70.9	▪	2.5	1.3	45
Dyna-Gro 32A53	69.9	▪	1.5	1.0	30
Croplan Genetics RC5222	67.8	69.3	3.0	1.5	36
Progeny 5115RR	67.3	63.0	2.3	1.0	43
Dyna-Gro 33B52	65.8	63.2	2.8	1.0	35
Delta Grow Exp Lee 54	63.6	▪	1.3	1.0	40
Progeny 5307RR	63.1	▪	3.5	1.5	38
MORSOY RT5107N	62.8	▪	1.8	1.3	39
HBK R5027	62.3	▪	1.0	1.0	42
Delta King DK5161	62.0	63.4	1.5	1.3	25
Delta Grow 5160RR/STS	60.9	62.1	2.8	1.8	40
Deltapine DP5115RR/S	60.9	61.3	1.3	1.5	43

Table 5. Performance of Irrigated, Early Planted, Roundup Ready Soybean Cultivars, Scott Matthews Farm, Poinsett County, AR, 2007^{1,2}, Continued.

Brand/Hybrid	2007	2-Year Average	Lodging Score	Shatter Score	Plant Ht(in)
.....bu./A.....					
<u>Maturity Group V (RM 5.0 to 5.3) Continued</u>					
HBK RS5227	59.0	▪	3.0	1.8	38
Progeny 5207RR	57.8	▪	1.3	1.3	39
MORSOY RT5307N	57.3	▪	3.0	1.5	41
Eagle Seed ESXVT 518RR	56.2	▪	1.5	1.8	39
Progeny 5107RR	56.0	▪	2.3	1.0	34
Delta Grow 5270RR	52.4	▪	1.0	1.0	33
Delta King DK5066	51.8	61.2	3.5	1.5	40
Grand mean	64.1	▪	2.2	1.3	37
LSD (5%)	11.3	▪	1.0	0.6	▪
C.V. (%)	12.3	▪	33.4	31.9	▪

¹ The Target date for planting was mid- to late-April but repeated rains delayed planting until May 23.

² The Maturity Group IV Early Test will not be reported due to poor uniformity.

Soil Series	Henry silt loam	
Previous Crop	Rice	
Row Width	15 inches	
Fertilizer Applied	0-23-120, 2/01	
Planting Date	5/23	
Herbicide Application(s)	Glyphosate X-TRA + Resource, 7/23	
Fungicide Application(s)	None	
Insecticide Application(s)	None	
Irrigation Dates	7/25, 8/15	
Harvest Dates	MG 3	10/08
	MG 4L	10/31
	MG 5	10/31

Table 6. Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
-----bu./A-----									
<u>Maturity Group IV Early Cultivars (RM 4.0 to 4.6)</u>									
AGVENTURE 44D4	65.3	29.2	62.7	49.7	60.5	*	51.7	56.2	53.5
AGVENTURE 46J5NRR	54.8	30.1	62.3	40.6	44.2	*	43.0	51.5	46.4
Armor GP454	60.0	23.8	65.0	54.7	55.5	*	46.4	59.9	51.8
Armor X4228	69.8	*	*	*	58.2	*	*	*	*
Armor X4560	77.0	*	*	*	62.0	*	*	*	*
Armor X4561	68.9	*	*	*	56.4	*	*	*	*
ASGROW AG4103	62.2	26.5	64.3	49.8	48.1	*	45.6	57.1	50.2
ASGROW AG4403	67.2	30.2	66.1	56.7	50.4	*	49.3	61.4	54.1
ASGROW AG4404	57.6	20.9	71.0	53.5	48.8	*	42.4	62.3	50.4
ASGROW AG4405	63.5	33.3	60.6	57.2	54.4	*	50.4	58.9	53.8
ASGROW AG4604	67.9	24.9	66.8	60.0	64.4	*	52.4	63.4	56.8
ASGROW AG4605	75.2	24.8	68.9	62.9	57.6	*	52.5	65.9	57.9
ASGROW DKB46-51	69.0	24.9	67.1	53.0	59.1	*	51.0	60.1	54.6
Delta Grow 4150RR	67.4	29.9	60.6	57.7	60.3	*	52.5	59.2	55.2
Delta Grow 4460RR	59.2	32.9	65.0	55.0	55.0	*	49.0	60.0	53.4
Delta Grow 4470RR/STS	71.5	26.1	73.2	57.9	56.5	*	51.4	65.6	57.0
Delta Grow 4660RR	73.2	34.7	60.7	66.3	64.6	*	57.5	63.5	59.9
Delta King DK4567	71.0	21.0	73.0	48.8	47.2	*	46.4	60.9	52.2
Delta King DK4667	71.9	27.5	57.9	66.1	61.0	*	53.5	62.0	56.9
Deltapine 07-3972RR	60.9	25.6	54.2	40.2	40.2	*	42.2	47.2	44.2
Deltapine 07-3980RR	67.9	31.7	69.0	48.3	52.8	*	50.8	58.7	53.9
Deltapine DP4112RR/S	60.6	27.7	52.9	51.1	58.2	*	48.8	52.0	50.1
Deltapine DP4450RR	64.5	28.5	65.7	58.0	58.4	*	50.5	61.9	55.0
Deltapine DP4546RR	65.1	28.5	60.4	54.7	57.6	*	50.4	57.6	53.3
Deltapine DPX4334RR	69.6	32.0	64.2	61.1	61.9	*	54.5	62.7	57.8
Dyna-Gro 32R46	67.3	27.1	78.3	64.3	57.5	*	50.6	71.3	58.9
Dyna-Gro 33Y45	55.7	31.9	69.7	60.9	66.8	*	51.5	65.3	57.0
Dyna-Gro 35D44	57.8	29.4	57.2	51.9	50.1	*	45.8	54.6	49.3
Dyna-Gro 37A44	63.1	33.5	63.8	56.8	58.9	*	51.8	60.3	55.2
Dyna-Gro 37F46	67.7	21.3	52.0	65.5	64.7	*	51.2	58.8	54.2
HBK R3824	72.2	24.9	53.5	52.9	58.3	*	51.8	53.2	52.4
HBK R3927	55.4	23.9	57.3	55.5	51.8	*	43.7	56.4	48.8
HBK R4527	69.1	27.6	59.8	66.1	57.0	*	51.2	63.0	55.9
MONSANTO EXP 644AR	74.1	24.5	59.1	61.2	61.4	*	53.3	60.2	56.1
MONSANTO EXP 645AR	75.1	27.4	61.9	53.2	52.8	*	51.8	57.6	54.1
MORSOY RT4485N	65.5	27.6	69.8	53.5	55.4	*	49.5	61.7	54.4
MORSOY RTS4007N	55.7	24.7	47.5	47.4	49.8	*	43.4	47.5	45.0
MORSOY RTS4556N	68.1	28.5	63.0	58.5	62.7	*	53.1	60.8	56.2
MPV 4406nRR	60.7	32.3	68.1	58.0	57.6	*	50.2	63.1	55.3
NK BRAND S45-E5	63.8	29.6	65.3	55.1	47.7	*	47.0	60.2	52.3
NK BRAND S46-U6	72.4	31.7	70.8	63.5	59.9	*	54.7	67.2	59.7
Pioneer 93M90	63.9	26.8	60.0	50.9	44.0	*	44.9	55.5	49.1
Pioneer 94M30	63.6	27.0	64.7	51.1	60.2	*	50.3	57.9	53.3
Pioneer 94M31	69.8	18.8	57.5	50.7	44.4	*	44.3	54.1	48.2
Progeny 4206RR	71.2	26.7	74.8	57.3	61.9	*	53.3	66.1	58.4
Progeny 4405RR	65.9	25.0	56.6	56.9	54.9	*	48.6	56.8	51.9
Progeny 4507RR	73.9	32.5	62.1	63.9	52.2	*	52.9	63.0	56.9
Progeny 4606RR	66.7	35.0	63.1	62.5	63.6	*	55.1	62.8	58.2
R02-2847	57.8	*	*	*	49.9	*	*	*	*
S03-051RR	54.5	16.8	57.1	50.6	52.2	*	41.2	53.9	46.2
S04-5969RR	65.1	25.6	69.4	55.6	55.3	*	48.7	62.5	54.2
S04-6008RR	66.2	30.3	66.7	64.7	62.3	*	52.9	65.7	58.0
S04-6013RR	68.8	30.4	65.4	60.4	64.1	*	54.4	62.9	57.8
Schillinger 457RCP	70.9	29.1	63.3	51.6	58.8	*	52.9	57.5	54.7
Schillinger 467RCP	76.1	33.5	61.4	52.4	61.4	*	57.0	56.9	57.0

Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹, Continued.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
	-----bu./A-----								
<u>Maturity Group IV Early Cultivars (RM 4.0 to 4.6) Continued</u>									
Terral TV44R27	67.7	24.8	59.0	57.8	47.3	•	46.6	58.4	51.3
Terral TV45R14	61.4	17.7	55.2	52.2	48.6	•	42.6	53.7	47.0
Terral TV46R15	62.2	18.6	61.5	53.1	58.1	•	46.3	57.3	50.7
Terral TVX45R018	60.3	25.3	61.7	47.9	47.1	•	44.2	54.8	48.5
Terral TVX45R118	66.2	22.8	61.1	48.6	50.1	•	46.4	54.9	49.8
Terral TVX46R018	63.4	26.9	66.3	48.2	55.9	•	48.7	57.3	52.1
USG 7440nRR	66.4	25.1	67.3	57.7	58.1	•	49.9	62.5	54.9
USG 7466nRR	67.9	28.5	59.0	59.8	63.3	•	53.2	59.4	55.7
Grand mean	65.9	27.3	63.1	55.6	55.9	•	49.7	59.4	53.6
LSD (5%)	9.7	7.8	8.8	7.3	8.9	•	•	•	•
C.V. (%)	9.2	17.6	8.5	8.0	9.8	•	•	•	•

Maturity Group IV Late Cultivars (RM 4.7 to 4.9)

AGVENTURE 47G3NRR	60.5	30.5	51.6	55.4	70.8	•	53.9	53.5	53.8
AGVENTURE 49D6NRR	74.7	30.6	63.9	71.9	77.8	•	61.0	67.9	63.8
Armor 47-F8	74.6	37.5	69.2	61.3	53.3	•	55.1	65.3	59.2
Armor 49-V6	71.5	28.4	59.7	62.5	66.9	•	55.6	61.1	57.8
Armor DK4995	63.3	*	*	*	74.1	•	*	*	*
Armor X4717	59.2	*	*	*	56.7	•	*	*	*
Armor X4996	57.0	*	*	*	76.0	•	*	*	*
ASGROW AG4703	62.1	29.7	60.3	59.5	59.3	•	50.4	59.9	54.2
ASGROW AG4903	74.5	33.2	64.1	70.4	63.5	•	57.1	67.3	61.1
Delta Grow 4770RR	62.6	30.3	69.8	60.5	53.5	•	48.8	65.2	55.3
Delta Grow 4780RR	67.5	30.3	67.2	65.0	68.8	•	55.5	66.1	59.8
Delta Grow 4840RR	67.9	26.0	54.1	57.7	51.1	•	48.3	55.9	51.4
Delta Grow 4860RR	75.1	28.9	57.5	54.4	71.0	•	58.3	56.0	57.4
Delta Grow 4960RR	69.4	35.1	66.9	57.3	44.9	•	49.8	62.1	54.7
Delta Grow 4970RR	73.1	31.5	55.5	64.5	66.3	•	57.0	60.0	58.2
Delta Grow 4975LARR	67.1	40.1	60.9	72.4	63.4	•	56.9	66.7	60.8
Delta King DK4763	57.2	24.7	51.4	51.4	60.7	•	47.5	51.4	49.1
Delta King DK4866	73.6	37.0	58.5	60.3	67.8	•	59.5	59.4	59.4
Delta King DK4967	66.4	27.9	54.5	54.9	63.1	•	52.5	54.7	53.4
Delta King DK4968	70.2	31.2	46.4	66.6	71.4	•	57.6	56.5	57.2
Delta King XTJ847	62.7	27.6	67.2	58.5	51.2	•	47.2	62.9	53.4
Delta King XTJ848	67.1	30.7	69.6	67.5	63.3	•	53.7	68.6	59.6
Deltapine 07-4732RR	75.0	36.3	75.1	57.5	66.9	•	59.4	66.3	62.2
Deltapine 07-4950RR	74.3	29.9	58.9	71.6	64.5	•	56.2	65.3	59.8
Deltapine DP4724RR	67.4	26.2	58.1	49.1	71.8	•	55.1	53.6	54.5
Deltapine DP4888RR/S	72.5	35.6	53.6	59.7	77.9	•	62.0	56.7	59.9
Deltapine DP4919RR/S	74.0	26.9	54.8	60.5	65.2	•	55.4	57.7	56.3
Deltapine DPX4727RR	74.2	28.8	61.0	64.3	66.5	•	56.5	62.7	59.0
Dyna-Gro 35Z49	60.5	35.0	62.3	72.0	62.6	•	52.7	67.2	58.5
Dyna-Gro 36Y48	73.7	28.1	64.7	72.2	67.7	•	56.5	68.5	61.3
Dyna-Gro 37P49	88.5	30.1	63.5	72.6	65.5	•	61.4	68.1	64.0
Dyna-Gro 38X47	64.8	28.1	51.5	63.8	60.9	•	51.3	57.7	53.8
EXCEL 8474NRR	68.3	29.1	70.8	71.3	53.7	•	50.4	71.1	58.6
HBK R4724	68.8	27.9	67.3	58.9	60.9	•	52.5	63.1	56.8
HBK R4727	72.1	25.2	65.0	60.1	61.0	•	52.8	62.6	56.7
HBK R4924	60.0	30.0	60.2	67.8	62.9	•	51.0	64.0	56.2
Legacy LS47-57NRR	74.2	25.5	64.5	66.5	56.7	•	52.1	65.5	57.5
Legacy LS49-57RR	73.5	30.7	59.2	71.0	74.1	•	59.4	65.1	61.7

Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹, Continued.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
-----bu./A-----									
<u>Maturity Group IV Late Cultivars (RM 4.7 to 4.9)</u>									
MORSOY RT4707N	68.6	31.4	67.7	59.4	65.6	•	55.2	63.6	58.5
MORSOY RT4802N	70.7	28.6	58.5	51.3	73.0	•	57.4	54.9	56.4
MORSOY RT4806N	59.6	27.8	69.0	55.5	48.8	•	45.4	62.3	52.1
MORSOY RT4914N	71.5	32.6	53.5	67.7	60.9	•	55.0	60.6	57.2
MORSOY RTS4706N	70.4	25.4	70.3	60.7	57.4	•	51.1	65.5	56.8
MORSOY RTS4955N	68.8	29.6	62.5	66.8	67.0	•	55.1	64.7	58.9
MPV 4808RR	70.0	35.0	63.3	61.6	67.5	•	57.5	62.5	59.5
MPV 4905nRR	69.3	30.3	60.9	58.2	57.4	•	52.3	59.6	55.2
NK BRAND S49-H7	67.9	38.1	66.8	65.2	57.2	•	54.4	66.0	59.0
NK BRAND S49-W6	62.3	31.7	61.4	60.0	59.9	•	51.3	60.7	55.1
Pioneer 94B73	57.4	32.4	45.1	50.4	53.1	•	47.6	47.8	47.7
Pioneer 94M71	64.0	24.6	58.7	54.9	61.4	•	50.0	56.8	52.7
Pioneer 94M80	69.3	30.5	57.4	52.7	56.4	•	52.1	55.1	53.3
Progeny 4706RR	66.5	31.1	61.8	57.7	67.7	•	55.1	59.8	57.0
Progeny 4804RR	69.3	28.8	50.7	57.7	60.5	•	52.9	54.2	53.4
Progeny 4807RR	70.0	30.4	63.8	62.6	61.2	•	53.9	63.2	57.6
Progeny 4817RR	48.7	28.9	41.6	60.2	51.7	•	43.1	50.9	46.2
Progeny 4906RR	78.6	31.0	64.7	67.8	74.6	•	61.4	66.3	63.3
Progeny 4949RR	71.7	33.7	48.4	60.6	68.1	•	57.8	54.5	56.5
R02-3263RR	67.9	24.2	60.8	63.1	55.9	•	49.3	62.0	54.4
R04-1268	70.8	*	*	*	54.7	•	*	*	*
Schillinger 495RC	65.9	29.3	57.2	67.7	65.2	•	53.5	62.5	57.1
Schillinger JG49	68.4	24.5	54.4	64.0	73.3	•	55.4	59.2	56.9
Schillinger XP47	68.7	33.5	46.4	58.2	69.0	•	57.1	52.3	55.2
Stine 4782-4	68.0	31.1	71.2	62.5	54.1	•	51.1	66.9	57.4
Terral TV47R17	70.5	30.8	57.3	59.7	71.3	•	57.5	58.5	57.9
Terral TV48R14	67.4	27.1	49.7	61.9	66.7	•	53.7	55.8	54.6
Terral TV49R17	72.7	25.2	51.3	56.2	60.5	•	52.8	53.8	53.2
Terral TV49R27	77.1	29.9	53.3	65.3	65.5	•	57.5	59.3	58.2
Terral TVX47R018	71.0	29.4	49.9	62.1	59.7	•	53.4	56.0	54.4
Terral TVX47R118	71.1	31.6	54.5	62.0	57.3	•	53.3	58.3	55.3
Terral TVX48R018	67.2	28.5	59.3	63.3	65.6	•	53.8	61.3	56.8
TN03-12RR	73.9	29.4	66.5	59.0	43.2	•	48.8	62.8	54.4
USG 7494nRR	70.5	31.7	56.8	62.5	74.2	•	58.8	59.7	59.1
USG 74F78	64.0	26.4	50.7	66.5	56.1	•	48.8	58.6	52.7
Grand mean	68.6	30.1	59.5	62.0	63.0	•	53.9	60.8	56.6
LSD (5%)	10.7	7.6	7.8	7.0	10.3	•	•	•	•
C.V. (%)	9.7	15.8	8.2	7.1	10.2	•	•	•	•

Maturity Group V Early Cultivars (RM 5.0 to 5.5)

AGVENTURE 50D2RR	69.9	15.1	57.2	57.9	49.9	53.1	45.0	56.1	50.5
AGVENTURE 52P2NRR	72.3	26.1	55.4	58.8	51.2	56.2	49.9	56.8	53.3
AGVENTURE 53D3NRR	77.3	33.0	63.9	64.3	56.0	57.8	55.4	62.0	58.7
Armor 52-U2	78.3	37.7	60.8	64.2	71.2	58.7	62.4	61.2	61.8
Armor 53-Z5	71.6	*	*	*	58.5	*	*	*	*
Armor 55-A5	81.1	27.6	75.1	70.2	60.0	67.8	56.2	71.0	63.6
Armor GP-500	80.8	27.5	66.3	61.7	55.7	58.2	54.7	62.1	58.4
Armor GP-533	80.6	28.3	68.5	69.3	57.9	62.5	55.6	66.8	61.2
ASGROW AG5301	75.3	34.5	61.5	57.9	44.0	51.3	51.3	56.9	54.1
ASGROW AG5501	73.1	31.8	67.9	65.7	63.3	55.2	56.1	62.9	59.5
Croplan RC5437	73.0	31.4	58.2	67.9	57.6	56.6	54.0	60.9	57.5
Croplan RC5555	73.0	35.6	66.8	69.3	51.4	59.8	53.3	65.3	59.3

Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹, Continued.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
-----bu./A-----									
<u>Maturity Group V Early Cultivars (RM 5.0 to 5.5) Continued</u>									
Delta Grow 5160RR/STS	74.1	28.6	68.8	66.6	54.2	57.6	52.3	64.3	58.3
Delta Grow 5270RR	66.7	22.6	62.6	60.0	53.2	56.8	47.5	59.8	53.7
Delta Grow 5300RR	76.8	30.3	62.7	64.2	59.0	60.8	55.4	62.6	59.0
Delta Grow 5450RR	78.5	38.6	65.2	69.7	52.3	61.3	56.5	65.4	60.9
Delta Grow 5470RR	69.4	31.5	64.4	63.8	54.3	60.6	51.7	62.9	57.3
Delta Grow 5555RR	79.0	37.5	66.4	72.3	56.3	61.6	57.6	66.8	62.2
Delta Grow 5570RR	74.0	38.5	58.9	65.2	55.2	51.4	55.9	58.5	57.2
Delta King DK5066	74.0	20.9	60.3	67.7	54.8	59.9	49.9	62.6	56.3
Delta King DK5068	68.5	24.2	52.9	62.0	69.5	62.9	54.1	59.3	56.7
Delta King DK5161	76.2	32.1	56.7	64.4	54.5	55.9	54.3	59.0	56.6
Delta King DK52K6	73.4	33.4	70.9	69.8	63.2	61.2	56.7	67.3	62.0
Delta King DK5366	75.1	30.9	69.7	69.4	61.2	55.2	55.7	64.8	60.3
Delta King DK5368	74.6	37.4	65.6	69.6	59.3	54.0	57.1	63.1	60.1
Delta King DK5567	73.5	36.3	73.1	65.1	60.8	60.6	56.9	66.3	61.6
Delta King XTJ 851	73.6	23.9	62.7	69.2	43.1	53.9	46.9	61.9	54.4
Deltapine DP5115RR/S	64.5	28.2	58.4	62.7	71.7	55.4	54.8	58.8	56.8
Deltapine DP5335RR/S	75.3	32.1	63.2	63.6	55.9	52.8	54.4	59.9	57.2
Dyna-Gro 31R54	68.9	33.0	61.1	62.6	51.2	55.0	51.0	59.6	55.3
Dyna-Gro 32A53	71.9	28.7	53.1	60.5	55.5	54.4	52.0	56.0	54.0
Dyna-Gro 33B52	73.5	35.4	63.9	62.9	69.4	53.4	59.4	60.1	59.8
Dyna-Gro 33P54	73.2	29.9	67.5	58.6	45.0	58.9	49.4	61.7	55.5
Dyna-Gro 33X55	75.5	35.5	73.4	67.7	62.8	57.7	57.9	66.3	62.1
Dyna-Gro 39F51	66.9	16.8	59.8	60.5	65.9	59.2	49.9	59.8	54.9
Eagle Seed ESXVT 110R	69.4	*	*	*	60.9	*	*	*	*
Eagle Seed ESXVT 155R	72.2	*	*	*	64.5	*	*	*	*
Eagle Seed ESXVT 16RR	73.7	*	*	*	55.4	*	*	*	*
FFR 5116	77.3	29.5	62.9	55.3	43.6	60.0	50.1	59.4	54.8
FFR 5663	76.9	39.4	67.6	66.8	62.2	57.8	59.5	64.1	61.8
HBK R5226	77.5	33.8	67.7	64.4	65.7	56.7	59.0	62.9	61.0
HBK R5425	65.0	26.4	58.5	68.9	74.8	48.5	55.4	58.6	57.0
HBK R5525	75.7	29.7	73.4	69.6	72.2	59.5	59.2	67.5	63.4
HBK RS5227	76.3	28.3	66.6	66.6	50.9	58.8	51.8	64.0	57.9
Legacy LS51-57NRR	75.8	25.8	66.1	70.3	58.5	57.3	53.4	64.6	59.0
Legacy LS54-27CRR	68.8	18.1	48.7	55.6	51.1	57.6	46.0	54.0	50.0
MORSOY RT5107N	66.4	20.8	63.4	59.7	49.2	60.9	45.5	61.3	53.4
MORSOY RT5306N	72.5	34.3	59.4	66.0	45.6	58.0	50.8	61.1	56.0
MORSOY RT5307N	70.8	24.0	57.4	55.8	50.0	53.6	48.3	55.6	51.9
MORSOY RT5407N	69.9	27.8	65.5	59.7	46.3	57.7	48.0	61.0	54.5
MORSOY RT5506N	73.5	36.4	67.6	66.0	36.8	62.1	48.9	65.2	57.1
MPV 5308nRR	75.3	37.0	64.7	61.0	51.4	58.0	54.6	61.2	57.9
MPV 5407nRR	74.8	29.2	68.6	62.6	58.8	56.8	54.3	62.7	58.5
MPV 5408nRR	73.4	29.7	69.6	63.9	60.0	50.7	54.4	61.4	57.9
MPV 5505nRR	77.4	35.4	70.8	63.6	42.9	69.2	51.9	67.9	59.9
NK BRAND S52-F2	75.7	34.2	65.9	62.2	58.7	61.3	56.2	63.1	59.7
Pioneer 95M30	79.4	26.2	59.7	66.2	58.2	53.5	54.6	59.8	57.2
Pioneer 95M50	74.8	30.6	74.0	62.3	69.5	60.0	58.3	65.4	61.9
Progeny 5107RR	65.8	24.7	49.9	61.2	58.5	55.1	49.7	55.4	52.5
Progeny 5115RR	66.7	26.3	59.9	75.9	64.1	61.6	52.4	65.8	59.1
Progeny 5207RR	72.9	19.4	64.4	62.8	46.7	60.1	46.3	62.4	54.4
Progeny 5250RR	74.8	31.1	63.1	58.0	50.6	58.6	52.2	59.9	56.0
Progeny 5307RR	66.8	20.1	49.4	60.7	44.1	57.4	43.7	55.8	49.8
Progeny 5407RR	71.8	27.3	69.6	59.7	64.3	55.3	54.5	61.5	58.0
Progeny 5507RR	72.4	34.1	67.1	60.1	40.9	66.7	49.1	64.6	56.9

Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹, Continued.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
	-----bu./A-----								
<u>Maturity Group V Early Cultivars (RM 5.0 to 5.5) Continued</u>									
R01-4834RR	81.4	27.7	56.7	62.8	51.6	58.6	53.6	59.4	56.5
R04-1276RR	76.8	25.5	66.4	71.8	49.2	55.5	50.5	64.6	57.5
Schillinger 557RC	81.1	30.6	73.2	69.4	60.2	62.4	57.3	68.3	62.8
Stine 5482-4	77.0	30.0	61.5	62.2	55.0	64.4	54.0	62.7	58.4
Terral TV52R14	71.2	24.7	69.1	66.9	52.5	56.4	49.5	64.1	56.8
Terral TV55R15	76.2	36.9	62.9	74.6	68.7	62.0	60.6	66.5	63.6
Terral TVX52R018	71.2	26.0	54.5	56.6	57.5	55.3	51.6	55.5	53.5
Terral TVX52R028	69.9	37.8	55.1	54.4	49.3	50.0	52.3	53.2	52.8
Terral TVX52R128	72.3	31.1	53.5	57.3	38.9	51.6	47.4	54.1	50.8
Terral TVX52R218	66.3	36.4	56.1	51.2	53.9	49.2	52.2	52.2	52.2
Terral TVX53R018	73.8	31.4	62.6	61.8	65.2	51.6	56.8	58.7	57.7
Terral TVX53R028	71.7	29.5	65.2	66.6	60.7	52.7	54.0	61.5	57.7
Terral TVX53R118	72.0	24.8	65.0	66.2	55.1	53.1	50.6	61.4	56.0
Terral TVX54R018	71.8	27.7	64.0	60.0	46.9	64.1	48.8	62.7	55.8
USG 7515nRS	74.7	20.2	65.7	64.0	59.2	54.0	51.4	61.2	56.3
USG 7553nRS	77.3	33.0	71.9	58.8	46.6	62.0	52.3	64.2	58.3
USG 75J17	71.3	20.0	62.5	60.6	52.5	58.0	47.9	60.4	54.2
USG 75J47	73.6	32.5	63.2	56.5	50.7	57.9	52.3	59.2	55.7
Grand mean	73.5	29.6	63.5	63.7	55.8	57.6	53.0	61.6	57.3
LSD (5%)	5.5	7.1	6.9	8.7	9.8	5.5	•	•	•
C.V. (%)	4.7	15.0	6.8	8.5	10.9	6.0	•	•	•

Maturity Group V Late Cultivars (RM 5.6 to 5.9)

AGS 568RR	73.2	36.8	66.5	69.7	52.8	57.2	54.3	64.5	59.4
AGS 606RR	71.8	35.4	59.2	68.1	50.0	55.5	52.4	60.9	56.7
AGVENTURE 57D7RR	72.8	37.2	67.7	68.3	52.0	63.1	54.0	66.4	60.2
ASGROW AG5605	85.8	31.5	69.0	59.9	63.7	68.2	60.3	65.7	63.0
ASGROW AG5903	82.4	29.3	66.6	73.1	55.1	68.6	55.6	69.4	62.5
ASGROW AG5905	79.0	28.3	62.3	61.3	73.9	61.7	60.4	61.8	61.1
Croplan RC5955	79.6	30.1	64.1	71.1	70.7	56.6	60.1	63.9	62.0
Delta Grow 5630RR	77.6	30.0	60.4	75.9	50.7	56.0	52.8	64.1	58.4
Delta Grow 5830RR	77.2	34.7	64.4	62.4	62.9	61.4	58.3	62.7	60.5
Delta Grow 5960RR	77.3	31.4	60.8	73.2	51.1	57.6	53.3	63.9	58.6
Delta Grow 5970RR	71.9	26.7	64.3	72.0	75.9	56.9	58.2	64.4	61.3
Delta King DK55T6	81.0	28.6	58.4	65.6	57.8	64.5	55.8	62.8	59.3
Deltapine DP5634RR	77.4	28.5	65.2	66.1	60.8	59.3	55.6	63.5	59.6
Deltapine DP5914RR	78.2	26.4	64.5	66.8	60.1	57.7	54.9	63.0	59.0
Deltapine DP5915RR	80.7	35.1	64.0	64.8	61.5	59.8	59.1	62.9	61.0
Dyna-Gro 33C59	78.8	37.0	69.6	67.4	62.8	62.3	59.5	66.4	63.0
Dyna-Gro 34J56	73.8	30.0	58.7	60.7	51.5	58.4	51.8	59.3	55.5
Dyna-Gro 3583	76.2	31.9	59.0	73.5	54.4	58.7	54.2	63.7	59.0
Dyna-Gro 36N57	77.6	31.9	70.3	71.5	59.8	60.6	56.4	67.5	62.0
Dyna-Gro SX06856	80.2	30.2	60.6	62.0	40.9	61.2	50.4	61.3	55.9
HBK R5727	66.9	32.3	58.8	67.9	62.7	62.1	54.0	62.9	58.5
HBK R5825	76.4	29.1	59.8	58.5	51.1	54.5	52.2	57.6	54.9
Legacy LS57-26CRR	75.8	30.8	58.8	58.2	38.9	56.2	48.5	57.7	53.1
MORSOY RT5620N	73.0	29.6	62.7	73.2	64.1	61.7	55.6	65.9	60.7
MORSOY RT5903N	85.6	33.6	59.4	66.2	57.8	60.4	59.0	62.0	60.5
MORSOY RT5906N	77.6	29.1	63.0	70.2	62.4	59.1	56.4	64.1	60.2
Progeny 5650RR	76.5	30.5	61.5	69.3	68.3	63.0	58.4	64.6	61.5
Progeny 5706RR	78.7	34.9	56.0	78.1	67.2	58.6	60.3	64.2	62.3
R04-1250	76.9	*	*	*	69.9	*	*	*	*

Yields (bu./A) of Maturity Groups IV and V Roundup Ready Soybean Cultivars at All Locations 2007¹, Continued.

Brand/Hybrid	Keiser Irrigated	Keiser Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler ² Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
-----bu./A-----									
<u>Maturity Group V Late Cultivars (RM 5.6 to 5.9) Continued</u>									
Terral TV57R14	75.1	18.8	62.7	69.2	62.2	52.9	52.0	61.6	56.8
Terral TV57R16	71.0	26.6	57.7	64.3	63.2	55.6	53.6	59.2	56.4
Terral TV59R16	78.2	38.3	65.4	74.9	60.1	62.0	58.9	67.4	63.2
Terral TVX56R018	78.9	32.6	54.4	68.4	56.8	53.8	56.1	58.9	57.5
USG 7582nRR	76.4	35.7	58.0	74.7	67.5	58.8	59.9	63.8	61.9
USG 75J97	78.2	31.0	65.1	72.0	57.9	56.2	55.7	64.4	60.1
USG ALLEN	82.6	33.3	64.1	60.7	54.5	59.7	56.8	61.5	59.2
Grand mean	77.2	31.3	62.4	68.0	59.3	59.4	55.9	63.3	59.6
LSD (5%)	5.6	7.8	6.9	9.1	9.7	6.1	•	•	•
C.V. (%)	4.5	15.4	6.8	8.2	10.1	6.3	•	•	•

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

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

²Only maturity Group V Tests were conducted at Kibler.

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

⁴Average yields from Marianna, Stuttgart and K bler locations.

* Strains were tested in irrigated trials at Keiser and Rohwer only.

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Armor X4560	77.0	▪	▪	9/25	1.7	1.0	36
Schillinger 467RCP	76.1	▪	▪	10/05	2.0	1.0	39
ASGROW AG4605	75.2	▪	▪	9/26	1.0	1.0	33
MONSANTO EXP 645AR	75.1	▪	▪	9/26	1.0	1.0	40
MONSANTO EXP 644AR	74.1	▪	▪	9/26	1.0	1.0	35
Progeny 4507RR	73.9	▪	▪	9/26	1.3	1.0	37
Delta Grow 4660RR	73.2	67.5	70.8	9/27	3.3	1.0	42
NK BRAND S46-U6	72.4	69.3	▪	10/05	1.3	1.0	38
HBK R3824	72.2	67.2	69.7	9/23	1.3	1.0	34
Delta King DK4667	71.9	67.6	71.1	9/25	3.0	1.0	33
Delta Grow 4470RR/STS	71.5	▪	▪	9/24	1.0	1.0	29
Progeny 4206RR	71.2	▪	▪	9/25	1.0	1.0	35
Delta King DK4567	71.0	63.1	▪	9/30	1.7	1.0	36
Schillinger 457RCP	70.9	▪	▪	10/02	3.0	1.0	47
Armor X4228	69.8	▪	▪	9/26	1.0	1.0	33
Pioneer 94M31	69.8	67.7	▪	9/22	1.0	1.0	32
Deltapine DPX4334RR	69.6	▪	▪	9/26	2.7	1.0	41
HBK R4527	69.1	▪	▪	9/24	3.0	1.0	43
ASGROW DKB46-51	69.0	▪	▪	9/27	1.7	1.0	37
Armor X4561	68.9	▪	▪	9/25	1.7	1.0	39
S04-6013RR	68.8	▪	▪	9/26	1.3	1.0	37
MORSOY RTS4556N	68.1	▪	▪	9/25	1.0	1.0	33
ASGROW AG4604	67.9	▪	▪	9/27	1.3	1.0	38
Deltapine 07-3980RR	67.9	▪	▪	9/24	1.0	1.0	31
USG 7466nRR	67.9	66.1	70.2	9/25	2.3	1.0	43
Dyna-Gro 37F46	67.7	64.8	69.2	9/24	2.7	1.0	40
Terral TV44R27	67.7	63.2	▪	9/23	2.0	1.0	42
Delta Grow 4150RR	67.4	63.6	66.1	9/25	2.0	1.0	38
Dyna-Gro 32R46	67.3	67.3	▪	10/03	1.0	1.0	34
ASGROW AG4403	67.2	61.4	66.1	9/23	1.0	1.0	34
Progeny 4606RR	66.7	64.4	▪	9/28	1.0	1.0	29
USG 7440nRR	66.4	62.6	68.7	9/26	1.3	1.0	37
S04-6008RR	66.2	▪	▪	9/24	1.3	1.0	35
Terral TVX45R118	66.2	▪	▪	9/23	1.3	1.0	40
Progeny 4405RR	65.9	▪	▪	9/23	1.7	1.0	42
MORSOY RT4485N	65.5	61.4	66.2	9/26	1.3	1.0	40
AGVENTURE 44D4	65.3	64.6	▪	9/22	2.3	1.0	41
Deltapine DP4546RR	65.1	63.7	67.9	9/26	1.7	1.0	37
S04-5969RR	65.1	▪	▪	9/25	1.3	1.0	38
Deltapine DP4450RR	64.5	▪	▪	9/26	1.7	1.0	41
Pioneer 93M90	63.9	61.9	63.8	9/20	1.0	1.0	34
NK BRAND S45-E5	63.8	▪	▪	9/26	2.0	1.0	32
Pioneer 94M30	63.6	▪	▪	9/25	1.0	1.0	34

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
ASGROW AG4405	63.5	▪	▪	9/23	1.0	1.0	30
Terral TVX46R018	63.4	▪	▪	9/24	1.3	1.0	35
Dyna-Gro 37A44	63.1	63.2	66.5	9/23	1.0	1.0	39
ASGROW AG4103	62.2	▪	▪	9/25	1.3	1.0	35
Terral TV46R15	62.2	60.9	65.5	9/25	3.0	1.0	41
Terral TV45R14	61.4	▪	▪	9/24	2.3	1.0	42
Deltapine 07-3972RR	60.9	▪	▪	9/16	1.0	1.0	41
MPV 4406nRR	60.7	▪	▪	9/25	1.3	1.0	41
Deltapine DP4112RR/S	60.6	57.7	▪	9/25	2.0	1.0	43
Terral TVX45R018	60.3	▪	▪	9/22	1.0	1.0	41
Armor GP454	60.0	58.5	64.5	9/24	1.7	1.0	40
Delta Grow 4460RR	59.2	61.8	65.9	9/23	1.7	1.0	40
Dyna-Gro 35D44	57.8	▪	▪	9/23	1.0	1.0	36
R02-2847	57.8	▪	▪	9/28	1.0	1.0	33
ASGROW AG4404	57.6	56.6	61.1	9/25	1.3	1.0	32
Dyna-Gro 33Y45	55.7	▪	▪	9/25	1.0	1.0	30
MORSOY RTS4007N	55.7	▪	▪	9/17	1.0	1.0	35
HBK R3927	55.4	▪	▪	9/21	2.0	1.0	40
AGVENTURE 46J5NRR	54.8	55.9	▪	9/26	1.0	1.0	33
S03-051RR	54.5	56.1	▪	9/19	1.3	1.0	38
Grand mean	65.9	▪	▪	9/25	1.5	1.0	37
LSD (5%)	9.7	▪	▪	2	1.0	ns	▪
C.V. (%)	9.2	▪	▪	1	40.2	▪	▪

Maturity Group IV Late (4.7 to 4.9)

Dyna-Gro 37P49	88.5	75.3	▪	10/05	2.7	1.0	38
Progeny 4906RR	78.6	72.3	▪	10/03	1.0	1.0	40
Terral TV49R27	77.1	73.6	▪	10/07	2.7	1.0	42
Delta Grow 4860RR	75.1	70.3	72.9	10/01	2.7	1.0	37
Deltapine 07-4732RR	75.0	▪	▪	10/04	1.0	1.0	35
AGVENTURE 49D6NRR	74.7	66.6	▪	10/07	1.0	1.0	45
Armor 47-F8	74.6	71.4	▪	10/02	1.0	1.0	33
ASGROW AG4903	74.5	68.8	70.7	10/05	1.0	1.0	38
Deltapine 07-4950RR	74.3	▪	▪	9/30	1.0	1.0	40
Deltapine DPX4727RR	74.2	▪	▪	10/07	1.3	1.0	37
Legacy LS47-57NRR	74.2	▪	▪	10/07	1.0	1.0	33
Deltapine DP4919RR/S	74.0	67.2	69.6	10/04	1.7	1.3	40
TN03-12RR	73.9	▪	▪	9/30	1.0	1.0	33
Dyna-Gro 36Y48	73.7	68.0	68.9	10/05	2.0	1.0	40
Delta King DK4866	73.6	68.6	71.4	10/05	1.0	1.0	39
Legacy LS49-57RR	73.5	▪	▪	10/05	1.3	1.0	43

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Late (4.7 to 4.9) Continued							
Delta Grow 4970RR	73.1	70.3	70.7	10/06	2.7	2.3	41
Terral TV49R17	72.7	67.6	▪	10/06	1.3	1.0	49
Deltapine DP4888RR/S	72.5	68.3	▪	10/05	2.0	1.0	44
HBK R4727	72.1	▪	▪	10/06	1.0	1.0	37
Progeny 4949RR	71.7	68.7	70.3	10/05	1.3	1.0	44
Armor 49-V6	71.5	64.7	▪	10/03	1.0	1.0	46
MORSOY RT4914N	71.5	71.4	72.6	10/05	1.3	1.0	44
Terral TVX47R118	71.1	▪	▪	10/01	2.7	1.0	41
Terral TVX47R018	71.0	▪	▪	10/05	2.7	1.0	45
R04-1268	70.8	▪	▪	10/05	1.7	1.0	32
MORSOY RT4802N	70.7	68.8	70.9	10/01	2.3	1.0	39
Terral TV47R17	70.5	68.7	▪	10/05	2.0	1.0	45
USG 7494nRR	70.5	66.5	69.1	10/03	2.3	1.0	41
MORSOY RTS4706N	70.4	66.5	▪	10/03	1.0	1.0	30
Delta King DK4968	70.2	67.4	▪	10/03	2.7	1.0	43
MPV 4808RR	70.0	▪	▪	10/03	2.0	1.0	39
Progeny 4807RR	70.0	▪	▪	10/06	1.0	1.0	46
Delta Grow 4960RR	69.4	67.2	69.1	9/30	1.0	1.0	29
MPV 4905nRR	69.3	66.4	68.9	10/07	2.3	1.0	45
Pioneer 94M80	69.3	66.4	68.4	9/28	2.0	1.0	31
Progeny 4804RR	69.3	68.0	67.7	10/04	1.3	1.0	37
HBK R4724	68.8	64.4	68.2	10/05	1.3	1.0	37
MORSOY RTS4955N	68.8	64.7	67.1	10/05	2.0	1.0	42
Schillinger XP47	68.7	▪	▪	10/07	2.0	1.0	38
MORSOY RT4707N	68.6	▪	▪	10/07	1.0	1.0	37
Schillinger JG49	68.4	▪	▪	10/09	3.7	1.0	45
EXCEL 8474NRR	68.3	▪	▪	10/04	1.0	1.0	37
Stine 4782-4	68.0	67.3	▪	10/05	1.0	1.0	35
Delta Grow 4840RR	67.9	63.2	67.2	10/04	1.7	1.0	41
NK BRAND S49-H7	67.9	59.9	▪	10/07	1.0	1.0	44
R02-3263RR	67.9	▪	▪	10/07	1.7	1.3	38
Delta Grow 4780RR	67.5	▪	▪	10/08	1.0	1.0	38
Deltapine DP4724RR	67.4	66.6	68.8	9/30	1.7	1.0	44
Terral TV48R14	67.4	64.9	67.0	10/04	1.0	1.0	36
Terral TVX48R018	67.2	▪	▪	10/04	2.3	1.0	40
Delta Grow 4975LARR	67.1	66.6	▪	10/04	1.3	1.0	39
Delta King XTJ848	67.1	▪	▪	10/03	2.0	1.0	42
Progeny 4706RR	66.5	66.2	▪	9/26	1.0	1.0	37
Delta King DK4967	66.4	65.4	69.7	9/29	2.7	1.0	37
Schillinger 495RC	65.9	68.7	71.7	10/08	2.3	1.0	44
Dyna-Gro 38X47	64.8	▪	▪	10/05	2.7	1.0	36
Pioneer 94M71	64.0	▪	▪	10/02	1.7	1.3	44
USG 74F78	64.0	▪	▪	10/04	1.0	1.0	35
Armor DK4995	63.3	▪	▪	10/06	1.0	1.3	45

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
Delta King XTJ847	62.7	▪	▪	10/05	1.0	1.0	43
Delta Grow 4770RR	62.6	62.8	▪	9/26	1.3	1.0	35
NK BRAND S49-W6	62.3	61.6	▪	10/08	1.0	1.0	41
ASGROW AG4703	62.1	63.9	66.0	9/26	1.0	1.0	30
AGVENTURE 47G3NRR	60.5	▪	▪	10/05	1.3	1.0	40
Dyna-Gro 35Z49	60.5	58.4	60.7	10/04	1.7	1.0	41
HBK R4924	60.0	58.4	61.1	10/04	1.0	1.0	47
MORSOY RT4806N	59.6	62.7	▪	9/26	1.0	1.0	39
Armor X4717	59.2	▪	▪	10/01	1.0	1.0	36
Pioneer 94B73	57.4	60.1	63.9	10/03	1.3	1.3	37
Delta King DK4763	57.2	57.9	62.7	10/06	1.0	1.0	35
Armor X4996	57.0	▪	▪	10/05	1.0	1.0	34
Progeny 4817RR	48.7	▪	▪	10/01	2.3	1.0	36
Grand mean	68.6	▪	▪	10/04	1.6	1.0	39
LSD (5%)	10.7	▪	▪	2	0.8	0.5	▪
C.V. (%)	9.7	▪	▪	1	30.0	29.6	▪

Maturity Group V Early (RM 5.0 to 5.5)

R01-4834RR	81.4	72.4	70.7	10/15	1.0	1.0	39
Armor 55-A5	81.1	▪	▪	10/10	1.0	1.0	29
Schillinger 557RC	81.1	▪	▪	10/08	1.0	1.0	33
Armor GP-500	80.8	▪	▪	10/11	1.0	1.0	36
Armor GP-533	80.6	72.0	▪	10/09	1.0	1.0	36
Pioneer 95M30	79.4	70.1	▪	10/09	1.3	1.0	34
Delta Grow 5555RR	79.0	▪	▪	10/10	1.7	1.0	37
Delta Grow 5450RR	78.5	▪	▪	10/18	1.0	1.0	35
Armor 52-U2	78.3	▪	▪	10/10	1.0	1.0	32
HBK R5226	77.5	68.6	▪	10/12	1.0	1.0	32
MPV 5505nRR	77.4	68.8	71.2	10/12	1.0	1.0	35
AGVENTURE 53D3NRR	77.3	▪	▪	10/11	1.0	1.0	35
FFR 5116	77.3	▪	▪	10/12	1.0	1.0	29
USG 7553nRS	77.3	66.6	69.4	10/14	1.0	1.0	33
Stine 5482-4	77.0	▪	▪	10/11	1.0	1.0	35
FFR 5663	76.9	71.4	72.0	10/13	1.0	1.0	30
Delta Grow 5300RR	76.8	67.5	▪	10/11	1.0	1.0	35
R04-1276RR	76.8	▪	▪	10/12	1.0	1.0	38
HBK RS5227	76.3	▪	▪	10/11	1.0	1.0	35
Delta King DK5161	76.2	70.7	72.9	10/10	1.7	1.3	27
Terral TV55R15	76.2	66.9	70.2	10/12	1.3	1.0	35
Legacy LS51-57NRR	75.8	▪	▪	10/12	1.0	1.0	36
HBK R5525	75.7	68.4	70.5	10/08	1.3	1.0	35

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Early (RM 5.0 to 5.5) Continued							
NK BRAND S52-F2	75.7	69.1	▪	10/10	1.0	1.0	34
Dyna-Gro 33X55	75.5	67.3	69.2	10/14	1.0	1.0	36
ASGROW AG5301	75.3	66.9	69.5	10/11	1.0	1.0	31
Deltapine DP5335RR/S	75.3	▪	▪	10/12	1.0	1.0	46
MPV 5308nRR	75.3	65.2	▪	10/11	1.0	1.0	35
Delta King DK5366	75.1	66.8	69.6	10/10	2.0	1.0	32
MPV 5407nRR	74.8	68.6	▪	10/15	1.7	1.0	45
Pioneer 95M50	74.8	68.2	70.8	10/13	1.0	1.0	37
Progeny 5250RR	74.8	▪	▪	10/11	1.0	1.0	28
USG 7515nRS	74.7	65.6	69.2	10/11	1.3	1.3	43
Delta King DK5368	74.6	68.7	▪	10/08	1.0	1.0	31
Delta Grow 5160RR/STS	74.1	65.2	67.1	10/12	1.7	1.0	41
Delta Grow 5570RR	74.0	▪	▪	10/09	1.0	1.0	37
Delta King DK5066	74.0	65.6	70.5	10/13	1.3	1.0	38
Terral TVX53R018	73.8	▪	▪	10/08	1.0	1.0	35
Eagle Seed ESXVT 16RR	73.7	64.3	▪	10/11	1.0	1.0	29
Delta King XTJ 851	73.6	▪	▪	10/13	1.0	1.0	39
USG 75J47	73.6	▪	▪	10/14	1.0	1.0	27
Delta King DK5567	73.5	66.0	70.1	10/14	1.0	1.0	33
Dyna-Gro 33B52	73.5	66.6	70.3	10/12	1.7	1.0	31
MORSOY RT5506N	73.5	65.5	▪	10/12	1.0	1.0	27
Delta King DK52K6	73.4	67.3	68.9	10/08	1.0	1.0	36
MPV 5408nRR	73.4	▪	▪	10/12	1.0	1.0	34
Dyna-Gro 33P54	73.2	▪	▪	10/16	1.0	1.0	31
ASGROW AG5501	73.1	64.5	67.4	10/10	1.0	1.0	36
Croplan RC5437	73.0	▪	▪	10/13	1.0	1.0	35
Croplan RC5555	73.0	65.2	65.3	10/12	1.0	1.0	42
Progeny 5207RR	72.9	▪	▪	10/09	1.3	2.0	43
MORSOY RT5306N	72.5	62.3	▪	10/07	1.0	1.0	31
Progeny 5507RR	72.4	▪	▪	10/16	1.0	1.0	30
AGVENTURE 52P2NRR	72.3	▪	▪	10/11	1.0	1.0	31
Terral TVX52R128	72.3	▪	▪	10/15	1.0	1.0	36
Eagle Seed ESXVT 155RR	72.2	66.0	▪	10/11	1.0	1.0	29
Terral TVX53R118	72.0	▪	▪	10/11	1.3	1.0	36
Dyna-Gro 32A53	71.9	67.8	▪	10/11	1.0	1.0	31
Progeny 5407RR	71.8	▪	▪	10/13	1.0	1.0	41
Terral TVX54R018	71.8	▪	▪	10/12	1.0	1.0	29
Terral TVX53R028	71.7	▪	▪	10/13	1.0	1.0	33
Armor 53-Z5	71.6	▪	▪	10/12	1.0	1.0	29
USG 75J17	71.3	▪	▪	10/14	1.0	1.0	40
Terral TV52R14	71.2	61.8	66.3	10/13	1.0	1.0	33
Terral TVX52R018	71.2	▪	▪	10/08	1.0	2.0	34
MORSOY RT5307N	70.8	▪	▪	10/08	2.0	1.3	43
AGVENTURE 50D2RR	69.9	68.5	▪	10/12	1.7	1.0	40

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
MORSOY RT5407N	69.9	▪	▪	10/15	1.0	1.0	30
Terral TVX52R028	69.9	▪	▪	10/11	1.0	1.0	35
Delta Grow 5470RR	69.4	64.0	▪	10/16	1.3	1.0	42
Eagle Seed ESXVT 110RR	69.4	60.2	65.2	10/11	2.7	1.0	28
Dyna-Gro 31R54	68.9	▪	▪	10/10	1.0	1.0	33
Legacy LS54-27CRR	68.8	▪	▪	10/11	1.0	1.3	42
Delta King DK5068	68.5	66.5	▪	10/14	2.7	1.0	38
Dyna-Gro 39F51	66.9	▪	▪	10/10	1.0	1.3	40
Progeny 5307RR	66.8	▪	▪	10/10	1.0	1.7	45
Delta Grow 5270RR	66.7	▪	▪	10/13	1.0	1.0	40
Progeny 5115RR	66.7	62.9	67.4	10/11	1.0	1.3	48
MORSOY RT5107N	66.4	▪	▪	10/13	1.0	1.0	43
Terral TVX52R218	66.3	▪	▪	10/11	1.3	1.0	42
Progeny 5107RR	65.8	▪	▪	10/08	1.3	2.3	32
HBK R5425	65.0	61.2	▪	10/15	2.0	1.0	55
Deltapine DP5115RR/S	64.5	58.5	62.8	10/10	1.0	1.7	47
Grand mean	73.5	▪	▪	10/12	1.2	1.1	36
LSD (5%)	5.5	▪	▪	2	0.4	0.4	▪
C.V. (%)	4.7	▪	▪	1	21.9	24.6	▪

Maturity Group V Late (RM 5.6 to 5.9)

ASGROW AG5605	85.8	78.6 ¹	72.9 ²	10/14	1.0	1.0	36
MORSOY RT5903N	85.6	78.9	73.4	10/19	1.0	1.0	33
USG ALLEN	82.6	▪	▪	10/21	1.0	1.0	38
ASGROW AG5903	82.4	75.3	71.6	10/17	1.7	1.0	36
Delta King DK55T6	81.0	73.2	70.9	10/20	1.0	1.0	36
Deltapine DP5915RR	80.7	75.7	71.1	10/20	1.0	1.0	40
Dyna-Gro SX06856	80.2	▪	▪	10/17	2.0	1.0	35
Croplan RC5955	79.6	▪	▪	10/17	1.0	1.0	38
ASGROW AG5905	79.0	74.1	69.4	10/18	1.0	1.3	40
Terral TVX56R018	78.9	▪	▪	10/17	1.0	1.3	36
Dyna-Gro 33C59	78.8	▪	▪	10/21	1.0	1.0	33
Progeny 5706RR	78.7	▪	▪	10/23	1.0	1.0	39
Deltapine DP5914RR	78.2	▪	▪	10/16	1.0	1.0	36
Terral TV59R16	78.2	▪	▪	10/19	1.0	1.0	38
USG 75J97	78.2	▪	▪	10/18	1.1	1.0	36
Delta Grow 5630RR	77.6	74.6	69.0	10/18	1.0	1.0	37
Dyna-Gro 36N57	77.6	76.0	72.8	10/14	1.3	1.0	28
MORSOY RT5906N	77.6	▪	▪	10/19	1.0	1.0	39
Deltapine DP5634RR	77.4	74.7	67.8	10/16	1.0	1.0	35
Delta Grow 5960RR	77.3	74.3	70.1	10/18	1.0	1.0	37

Table 7. Performance of Irrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Late (RM 5.6 to 5.9) Continued</u>							
Delta Grow 5830RR	77.2	73.3	▪	10/18	1.0	1.0	35
R04-1250	76.9	▪	▪	10/16	1.0	1.0	36
Progeny 5650RR	76.5	▪	▪	10/18	1.0	1.0	36
HBK R5825	76.4	72.0	▪	10/15	1.0	1.0	34
USG 7582nRR	76.4	75.1	69.9	10/20	1.0	1.0	31
Dyna-Gro 3583	76.2	74.8	70.2	10/19	1.3	1.0	36
Legacy LS57-26CRR	75.8	▪	▪	10/17	1.0	1.0	29
Terral TV57R14	75.1	71.7	68.2	10/17	2.7	1.0	33
Dyna-Gro 34J56	73.8	▪	▪	10/14	1.3	1.0	43
AGS 568RR	73.2	▪	▪	10/17	1.0	1.0	38
MORSOY RT5620N	73.0	72.2	69.3	10/18	4.0	1.0	32
AGVENTURE 57D7RR	72.8	▪	▪	10/16	3.0	1.0	26
Delta Grow 5970RR	71.9	▪	▪	10/20	1.0	1.0	38
AGS 606RR	71.8	▪	▪	10/16	1.7	1.0	35
Terral TV57R16	71.0	▪	▪	10/21	1.3	1.0	38
HBK R5727	66.9	▪	▪	10/16	1.0	1.0	33
Grand mean	77.2	▪	▪	10/18	1.3	1.0	36
LSD (5%)	5.6	▪	▪	2	0.6	0.2	▪
C.V. (%)	4.5	▪	▪	1	29.4	13.1	▪

¹ Average yield for 2005 and 2007.

² Average yield for 2004, 2005 and 2007.

Soil Series	Sharkey silty clay
Previous Crop	Grain sorghum
Row Width	38 inches
Fertilizer Applied	None
Planting Date	5/21
Herbicide Application(s)	Ignite + Sencor + Dual, 5/23; Glyphosate, 6/11; Glyshosate + FirstRate, 7/12; Glyphosate + Flexstar + Sencor, 7/23
Fungicide Application(s)	Quadris + Domark, 7/27; Domark, 8/09
Irrigation Dates	7/16, 7/27, 8/5, 8/13, 8/19, 8/27
Harvest Dates	MG 4E 10/06 MG 4L 10/12 MG 5E 10/12 MG 5L 11/02

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6)</u>							
Progeny 4606RR	35.0	44.7	▪	10/01	1.0	1.0	30
Delta Grow 4660RR	34.7	43.7	40.3	9/23	1.7	1.0	35
Dyna-Gro 37A44	33.5	44.7	39.4	9/19	1.3	1.0	31
Schillinger 467RCP	33.5	▪	▪	9/27	1.0	1.0	31
ASGROW AG4405	33.3	▪	▪	9/22	1.0	1.0	29
Delta Grow 4460RR	32.9	42.8	39.9	9/16	1.0	1.3	37
Progeny 4507RR	32.5	▪	▪	9/22	1.0	1.0	31
MPV 4406nRR	32.3	▪	▪	9/21	1.3	1.0	37
Deltapine DPX4334RR	32.0	▪	▪	9/19	1.3	2.0	35
Dyna-Gro 33Y45	31.9	▪	▪	9/22	1.0	1.0	29
Deltapine 07-3980RR	31.7	▪	▪	9/18	1.0	1.0	36
NK BRAND S46-U6	31.7	44.1	▪	9/29	1.0	1.0	28
S04-6013RR	30.4	▪	▪	9/20	1.0	1.7	29
S04-6008RR	30.3	▪	▪	9/21	1.0	1.3	31
ASGROW AG4403	30.2	40.4	36.9	9/20	1.0	1.3	33
AGVENTURE 46J5NRR	30.1	39.8	▪	9/22	1.0	1.0	25
Delta Grow 4150RR	29.9	41.2	37.3	9/22	1.3	1.0	32
NK BRAND S45-E5	29.6	▪	▪	9/19	1.0	1.3	40
Dyna-Gro 35D44	29.4	▪	▪	9/21	1.0	1.0	31
AGVENTURE 44D4	29.2	41.2	▪	9/20	1.0	1.3	31
Schillinger 457RCP	29.1	▪	▪	10/05	1.0	1.0	42
Deltapine DP4450RR	28.5	▪	▪	9/20	1.0	1.0	31
Deltapine DP4546RR	28.5	38.9	35.9	9/23	1.0	2.0	37
MORSOY RTS4556N	28.5	▪	▪	9/22	1.0	1.7	34
USG 7466nRR	28.5	40.2	38.7	9/21	1.0	1.0	38
Deltapine DP4112RR/S	27.7	▪	▪	9/17	1.0	1.3	42
HBK R4527	27.6	▪	▪	9/27	1.0	1.0	34
MORSOY RT4485N	27.6	42.0	39.2	9/20	1.0	1.0	35
Delta King DK4667	27.5	40.4	36.6	9/19	1.0	1.0	40
MONSANTO EXP 645AR	27.4	▪	▪	9/20	1.0	2.0	27
Dyna-Gro 32R46	27.1	40.9	▪	9/23	1.0	1.0	27
Pioneer 94M30	27.0	▪	▪	9/20	1.0	1.0	30
Terral TVX46R018	26.9	▪	▪	9/16	1.0	2.7	37
Pioneer 93M90	26.8	38.6	34.5	9/13	1.0	3.0	29
Progeny 4206RR	26.7	▪	▪	9/17	1.0	2.0	29
ASGROW AG4103	26.5	▪	▪	9/17	1.0	2.0	34
Delta Grow 4470RR/STS	26.1	▪	▪	9/26	1.0	2.7	27
Deltapine 07-3972RR	25.6	▪	▪	9/12	1.0	1.0	34
S04-5969RR	25.6	▪	▪	9/18	1.0	1.3	29
Terral TVX45R018	25.3	▪	▪	9/16	1.0	1.7	35
USG 7440nRR	25.1	34.3	35.0	9/19	1.0	1.0	34
Progeny 4405RR	25.0	▪	▪	9/18	1.0	1.3	35

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
ASGROW AG4604	24.9	▪	▪	9/18	1.0	1.7	36
ASGROW DKB46-51	24.9	▪	▪	9/24	1.0	1.0	34
HBK R3824	24.9	37.9	36.5	9/17	1.0	1.3	34
ASGROW AG4605	24.8	▪	▪	9/24	1.0	1.0	29
Terral TV44R27	24.8	39.8	▪	9/19	1.0	1.0	38
MORSOY RTS4007N	24.7	▪	▪	9/15	1.0	3.0	31
MONSANTO EXP 644AR	24.5	▪	▪	9/20	1.0	1.0	27
HBK R3927	23.9	▪	▪	9/17	1.0	1.3	34
Armor GP454	23.8	38.1	▪	9/19	1.0	1.3	36
Terral TVX45R118	22.8	▪	▪	9/15	1.0	2.7	32
Dyna-Gro 37F46	21.3	36.4	34.7	9/19	1.0	1.7	38
Delta King DK4567	21.0	36.6	▪	9/22	1.0	1.0	30
ASGROW AG4404	20.9	38.3	36.0	9/18	1.0	1.0	27
Pioneer 94M31	18.8	35.9	▪	9/14	1.0	3.7	29
Terral TV46R15	18.6	35.9	34.5	9/20	1.0	2.0	37
Terral TV45R14	17.7	▪	▪	9/17	1.0	3.3	37
S03-051RR	16.8	32.1	▪	9/21	1.0	1.7	33
Grand mean	27.3	▪	▪	9/20	1.0	1.5	33
LSD (5%)	7.8	▪	▪	3	0.3	1.1	▪
C.V. (%)	17.6	▪	▪	2	16.0	46.7	▪

Maturity Group IV Late (RM 4.7 to 4.9)

Delta Grow 4975LARR	40.1	48.4	▪	9/30	1.0	1.0	39
NK BRAND S49-H7	38.1	41.4	▪	10/02	1.0	1.0	35
Armor 47-F8	37.5	▪	▪	10/01	1.0	1.3	28
Delta King DK4866	37.0	44.9	41.0	9/28	1.0	1.0	39
Deltapine 07-4732RR	36.3	▪	▪	9/27	1.0	1.0	30
Deltapine DP4888RR/S	35.6	41.8	▪	9/30	1.0	1.0	37
Delta Grow 4960RR	35.1	43.5	41.7	9/30	2.0	1.0	33
Dyna-Gro 35Z49	35.0	40.1	36.9	9/30	1.0	1.0	34
MPV 4808RR	35.0	▪	▪	10/02	1.3	1.7	32
Progeny 4949RR	33.7	43.5	39.0	9/27	1.0	1.0	36
Schillinger XP47	33.5	▪	▪	9/29	1.0	1.0	33
ASGROW AG4903	33.2	43.7	40.2	9/29	1.0	1.0	31
MORSOY RT4914N	32.6	45.1	39.5	9/25	2.0	1.3	35
Pioneer 94B73	32.4	44.5	39.2	9/17	1.3	1.7	25
NK BRAND S49-W6	31.7	43.7	▪	10/02	1.0	1.0	33
USG 7494nRR	31.7	43.2	37.7	9/21	1.0	1.3	33
Terral TVX47R118	31.6	▪	▪	9/30	1.3	1.0	35

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Delta Grow 4970RR	31.5	44.9	40.2	9/28	2.0	1.0	40
MORSOY RT4707N	31.4	▪	▪	9/28	1.0	1.0	37
Delta King DK4968	31.2	40.6	▪	10/01	2.0	1.0	39
Progeny 4706RR	31.1	42.7	▪	9/23	1.0	1.7	28
Stine 4782-4	31.1	41.8	▪	9/28	1.0	1.0	40
Progeny 4906RR	31.0	41.7	▪	9/28	1.0	1.0	32
Terral TV47R17	30.8	40.6	▪	9/24	1.3	1.0	37
Delta King XTJ848	30.7	▪	▪	9/25	1.0	1.0	35
Legacy LS49-57RR	30.7	▪	▪	10/03	1.0	1.0	40
AGVENTURE 49D6NRR	30.6	41.5	▪	10/07	1.0	1.0	31
AGVENTURE 47G3NRR	30.5	▪	▪	10/03	1.0	1.0	36
Pioneer 94M80	30.5	41.9	37.2	9/27	1.3	1.3	33
Progeny 4807RR	30.4	▪	▪	9/30	1.0	1.3	31
Delta Grow 4770RR	30.3	39.7	▪	9/23	1.0	1.7	33
Delta Grow 4780RR	30.3	▪	▪	9/27	1.0	1.0	31
MPV 4905nRR	30.3	39.9	▪	9/21	1.3	1.0	29
Dyna-Gro 37P49	30.1	42.6	▪	9/28	1.0	1.3	31
HBK R4924	30.0	38.1	35.3	9/21	1.0	1.0	30
Deltapine 07-4950RR	29.9	▪	▪	10/04	1.0	1.0	35
Terral TV49R27	29.9	41.4	▪	9/24	2.0	1.0	34
ASGROW AG4703	29.7	39.4	34.9	9/24	1.0	1.0	29
MORSOY RTS4955N	29.6	38.6	34.4	9/24	1.3	1.0	26
Terral TVX47R018	29.4	▪	▪	10/02	1.0	1.0	36
TN03-12RR	29.4	▪	▪	10/02	1.0	1.3	32
Schillinger 495RC	29.3	43.1	39.8	9/21	1.3	1.3	34
EXCEL 8474NRR	29.1	▪	▪	9/26	1.0	1.0	24
Delta Grow 4860RR	28.9	41.8	36.9	9/25	1.0	1.3	28
Progeny 4817RR	28.9	▪	▪	9/27	1.3	2.0	31
Deltapine DPX4727RR	28.8	▪	▪	9/30	1.0	1.0	30
Progeny 4804RR	28.8	41.7	37.7	9/23	1.3	1.7	30
MORSOY RT4802N	28.6	42.3	36.5	9/24	1.0	1.3	35
Terral TVX48R018	28.5	▪	▪	9/30	1.0	1.0	35
Armor 49-V6	28.4	37.8	▪	9/26	1.0	1.0	33
Dyna-Gro 36Y48	28.1	36.3	33.4	9/25	1.0	1.0	34
Dyna-Gro 38X47	28.1	▪	▪	9/28	1.0	1.0	33
Delta King DK4967	27.9	40.3	34.4	9/26	1.0	1.0	34
HBK R4724	27.9	39.4	35.1	9/24	1.0	2.7	33
MORSOY RT4806N	27.8	39.9	▪	9/21	1.0	1.7	31
Delta King XTJ847	27.6	▪	▪	9/22	1.0	1.0	35
Terral TV48R14	27.1	39.8	35.7	9/26	1.0	1.0	31
Deltapine DP4919RR/S	26.9	38.4	▪	9/22	1.0	1.3	29
USG 74F78	26.4	▪	▪	9/24	1.0	1.0	26

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (RM 4.7 to 4.9) Continued</u>							
Deltapine DP4724RR	26.2	38.8	33.8	9/22	1.0	1.3	32
Delta Grow 4840RR	26.0	37.1	32.7	9/19	1.0	1.3	26
Legacy LS47-57NRR	25.5	▪	▪	10/05	1.0	1.3	26
MORSOY RTS4706N	25.4	39.1	▪	9/26	1.0	1.0	23
HBK R4727	25.2	▪	▪	9/24	1.0	1.0	32
Terral TV49R17	25.2	37.9	▪	9/25	1.0	1.0	38
Delta King DK4763	24.7	37.8	33.2	9/23	1.0	1.0	31
Pioneer 94M71	24.6	▪	▪	9/21	1.0	1.7	35
Schillinger JG49	24.5	▪	▪	9/22	1.3	1.7	35
R02-3263RR	24.2	▪	▪	9/24	1.0	1.7	31
Grand mean	30.1	▪	▪	9/27	1.1	1.2	33
LSD (5%)	7.6	▪	▪	3	0.5	0.6	▪
C.V. (%)	15.8	▪	▪	2	27.4	32.4	▪
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
FFR 5663	39.4	46.1	40.6	10/11	1.7	1.0	34
Delta Grow 5450RR	38.6	▪	▪	10/13	1.0	1.0	31
Delta Grow 5570RR	38.5	▪	▪	10/12	1.0	1.0	35
Terral TVX52R028	37.8	▪	▪	10/11	1.7	1.0	40
Armor 52-U2	37.7	▪	▪	10/07	1.0	1.3	36
Delta Grow 5555RR	37.5	▪	▪	10/11	2.7	1.0	40
Delta King DK5368	37.4	45.6	▪	10/13	1.0	1.7	36
MPV 5308nRR	37.0	43.2	▪	10/10	1.3	1.0	36
Terral TV55R15	36.9	46.6	43.6	10/12	1.3	1.0	40
MORSOY RT5506N	36.4	44.4	▪	10/09	1.0	1.0	33
Terral TVX52R218	36.4	▪	▪	10/10	1.0	1.3	41
Delta King DK5567	36.3	43.4	43.9	10/12	1.3	1.0	30
Croplan RC5555	35.6	43.6	40.8	10/10	1.0	1.0	35
Dyna-Gro 33X55	35.5	45.3	42.0	10/11	1.0	1.0	41
Dyna-Gro 33B52	35.4	43.9	41.5	10/10	1.0	1.0	39
MPV 5505nRR	35.4	43.6	▪	10/09	1.0	1.0	37
ASGROW AG5301	34.5	43.0	37.4	10/11	1.0	2.0	39
MORSOY RT5306N	34.3	42.6	▪	10/09	1.0	1.0	34
NK BRAND S52-F2	34.2	46.7	▪	10/14	1.0	1.0	35
Progeny 5507RR	34.1	▪	▪	10/11	1.0	1.7	36
HBK R5226	33.8	42.1	▪	10/11	1.0	1.0	31
Delta King DK52K6	33.4	45.5	43.9	10/12	1.0	1.0	38
AGVENTURE 53D3NRR	33.0	▪	▪	10/11	1.7	1.0	37
Dyna-Gro 31R54	33.0	▪	▪	10/12	1.0	1.0	32

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
USG 7553nRS	33.0	43.1	39.5	10/13	1.0	1.0	33
USG 75J47	32.5	▪	▪	10/10	1.0	1.0	31
Delta King DK5161	32.1	44.1	40.7	10/09	1.0	2.7	30
Deltapine DP5335RR/S	32.1	▪	▪	10/09	1.0	1.7	38
ASGROW AG5501	31.8	38.4	34.5	10/11	1.0	1.7	36
Delta Grow 5470RR	31.5	42.3	▪	10/11	1.0	1.0	37
Croplan RC5437	31.4	▪	▪	10/20	1.3	1.7	34
Terral TVX53R018	31.4	▪	▪	10/11	1.0	1.0	34
Progeny 5250RR	31.1	▪	▪	10/08	1.0	4.3	31
Terral TVX52R128	31.1	▪	▪	10/09	1.0	1.0	37
Delta King DK5366	30.9	42.2	39.4	10/13	2.3	1.0	39
Pioneer 95M50	30.6	44.1	42.2	10/09	1.0	1.0	33
Schillinger 557RC	30.6	▪	▪	10/12	1.0	1.0	34
Delta Grow 5300RR	30.3	40.4	▪	10/11	1.0	1.0	39
Stine 5482-4	30.0	▪	▪	10/13	1.0	1.0	36
Dyna-Gro 33P54	29.9	▪	▪	10/10	1.0	2.0	33
HBK R5525	29.7	41.5	39.6	10/13	1.0	1.0	41
MPV 5408nRR	29.7	▪	▪	10/14	1.0	1.3	32
FFR 5116	29.5	▪	▪	10/12	1.0	1.0	32
Terral TVX53R028	29.5	▪	▪	10/13	1.7	1.0	36
MPV 5407nRR	29.2	42.9	▪	10/10	1.0	1.0	40
Dyna-Gro 32A53	28.7	40.0	▪	10/10	1.3	1.0	35
Delta Grow 5160RR/STS	28.6	34.9	31.7	10/07	1.0	2.0	35
Armor GP-533	28.3	44.0	▪	10/11	1.0	1.0	36
HBK RS5227	28.3	▪	▪	10/10	1.0	2.3	36
Deltapine DP5115RR/S	28.2	38.6	▪	10/14	1.0	1.0	38
MORSOY RT5407N	27.8	▪	▪	10/09	1.0	2.7	30
R01-4834RR	27.7	41.9	36.7	10/09	1.0	1.3	32
Terral TVX54R018	27.7	▪	▪	10/08	1.0	3.3	33
Armor 55-A5	27.6	▪	▪	10/11	1.0	1.0	32
Armor GP-500	27.5	▪	▪	10/07	1.0	2.7	34
Progeny 5407RR	27.3	▪	▪	10/09	1.0	1.0	37
HBK R5425	26.4	39.5	▪	10/11	1.0	1.0	37
Progeny 5115RR	26.3	36.9	34.1	10/11	1.0	1.0	38
Pioneer 95M30	26.2	39.6	▪	10/15	1.7	1.0	34
AGVENTURE 52P2NRR	26.1	▪	▪	10/12	1.0	1.3	29
Terral TVX52R018	26.0	▪	▪	10/09	1.0	2.0	41
Legacy LS51-57NRR	25.8	▪	▪	10/08	1.0	1.3	38
R04-1276RR	25.5	▪	▪	10/12	1.0	2.7	36
Terral TVX53R118	24.8	▪	▪	10/12	1.0	1.3	36
Progeny 5107RR	24.7	▪	▪	10/10	1.0	1.0	34
Terral TV52R14	24.7	36.8	36.2	10/08	1.0	1.0	36

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
Delta King DK5068	24.2	40.5	▪	10/07	1.0	2.7	32
MORSOY RT5307N	24.0	▪	▪	10/05	1.0	1.3	36
Delta King XTJ 851	23.9	▪	▪	10/09	1.0	1.3	32
Delta Grow 5270RR	22.6	▪	▪	10/07	1.0	1.0	33
Delta King DK5066	20.9	34.9	29.9	10/09	1.0	1.0	33
MORSOY RT5107N	20.8	▪	▪	10/08	1.0	2.3	34
USG 7515nRS	20.2	33.5	30.3	10/06	1.0	1.3	34
Progeny 5307RR	20.1	▪	▪	10/10	1.0	1.0	34
USG 75J17	20.0	▪	▪	10/11	1.0	1.3	37
Progeny 5207RR	19.4	▪	▪	10/05	1.0	2.3	32
Legacy LS54-27CRR	18.1	▪	▪	10/07	1.0	1.0	37
Dyna-Gro 39F51	16.8	▪	▪	10/07	1.0	1.3	35
AGVENTURE 50D2RR	15.1	35.7	▪	10/03	1.0	3.0	36
Grand mean	29.6	▪	▪	10/10	1.1	1.4	35
LSD (5%)	7.1	▪	▪	3	0.4	0.6	▪
C.V. (%)	15.0	▪	▪	2	22.9	29.0	▪

Maturity Group V Late (RM 5.6 to 5.9)

Terral TV59R16	38.3	49.2	▪	10/22	1.0	1.0	37
AGVENTURE 57D7RR	37.2	48.4	▪	10/21	3.0	1.0	30
Dyna-Gro 33C59	37.0	▪	▪	10/19	1.0	1.0	37
AGS 568RR	36.8	47.5	▪	10/18	1.0	1.0	35
USG 7582nRR	35.7	47.9	42.7	10/17	1.0	1.0	32
AGS 606RR	35.4	▪	▪	10/21	1.0	1.0	36
Deltapine DP5915RR	35.1	47.6	43.1	10/20	1.0	1.0	36
Progeny 5706RR	34.9	47.9	▪	10/20	1.0	1.0	36
Delta Grow 5830RR	34.7	47.8	42.5	10/20	1.0	1.0	30
MORSOY RT5903N	33.6	47.1	42.5	10/18	1.0	1.0	31
USG ALLEN	33.3	45.5	▪	10/20	1.0	1.0	33
Terral TVX56R018	32.6	▪	▪	10/18	1.0	1.0	31
HBK R5727	32.3	▪	▪	10/17	1.0	1.0	33
Dyna-Gro 3583	31.9	44.3	41.5	10/21	1.0	1.0	35
Dyna-Gro 36N57	31.9	43.7	38.4	10/19	1.0	1.0	27
ASGROW AG5605	31.5	45.1	39.4	10/15	1.0	1.0	34
Delta Grow 5960RR	31.4	45.1	39.5	10/21	1.0	1.0	30
USG 75J97	31.0	▪	▪	10/21	1.0	1.0	38
Legacy LS57-26CRR	30.8	▪	▪	10/18	1.0	1.0	27
Progeny 5650RR	30.5	47.1	▪	10/21	1.0	1.0	39
Dyna-Gro SX06856	30.2	▪	▪	10/23	1.0	1.0	29

Table 8. Performance of Nonirrigated, Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Late (RM 5.6 to 5.9) Continued</u>							
Croplan RC5955	30.1	44.9	▪	10/18	1.0	1.0	37
Delta Grow 5630RR	30.0	42.1	37.9	10/22	1.0	1.0	31
Dyna-Gro 34J56	30.0	45.1	▪	10/17	1.0	1.0	45
MORSOY RT5620N	29.6	41.5	35.7	10/16	2.7	1.0	29
ASGROW AG5903	29.3	42.7	38.4	10/20	1.0	1.0	42
HBK R5825	29.1	43.5	38.0	10/22	1.0	1.0	37
MORSOY RT5906N	29.1	▪	▪	10/22	1.0	1.0	37
Delta King DK55T6	28.6	43.0	43.4	10/17	1.0	1.0	36
Deltapine DP5634RR	28.5	42.5	37.9	10/19	1.0	1.0	40
ASGROW AG5905	28.3	40.6	38.4	10/22	1.0	1.0	40
Delta Grow 5970RR	26.7	▪	▪	10/20	1.0	1.0	32
Terral TV57R16	26.6	39.7	▪	10/18	1.0	1.0	34
Deltapine DP5914RR	26.4	42.6	▪	10/17	1.0	1.0	30
Terral TV57R14	18.8	37.7	35.0	10/19	2.3	1.0	31
Grand mean	31.3	▪	▪	10/19	1.1	1.0	34
LSD (5%)	7.8	▪	▪	3	0.2	ns	▪
C.V. (%)	15.4	▪	▪	2	11.8	▪	▪

Soil Series	Sharkey silty clay
Previous Crop	Grain sorghum
Row Width	38 inches
Fertilizer Applied	None
Planting Date	5/21
Herbicide Application(s)	Ignite + Sencor + Dual, 5/23; Glyphosate, 6/11; Glyshosate + FirstRate, 7/12; Glyphosate + Flexstar + Sencor, 7/23
Fungicide Application(s)	Quadris + Domark, 7/27; Domark, 8/08
Harvest Dates	MG 4E 10/04 MG 4L 10/10 MG 5E 11/03 MG 5L 11/02

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Early (RM 4.0 to 4.6)							
Dyna-Gro 32R46	78.3	75.7	▪	9/20	1.3	1.0	35
Progeny 4206RR	74.8	▪	▪	9/11	1.0	1.0	44
Delta Grow 4470RR/STS	73.2	▪	▪	9/15	2.0	1.0	33
Delta King DK4567	73.0	72.4	▪	9/19	2.3	1.0	35
ASGROW AG4404	71.0	75.5	74.6	9/13	2.3	1.0	42
NK BRAND S46-U6	70.8	77.2	▪	9/23	2.0	1.3	46
MORSOY RT4485N	69.8	75.6	75.1	9/17	4.3	1.3	46
Dyna-Gro 33Y45	69.7	▪	▪	9/17	2.3	1.0	39
S04-5969RR	69.4	▪	▪	9/16	2.0	1.0	41
Deltapine 07-3980RR	69.0	▪	▪	9/20	2.3	1.0	40
ASGROW AG4605	68.9	▪	▪	9/17	1.7	1.0	38
MPV 4406nRR	68.1	▪	▪	9/13	4.0	1.0	43
USG 7440nRR	67.3	68.0	67.8	9/14	1.7	1.0	49
ASGROW DKB46-51	67.1	▪	▪	9/14	3.3	1.0	41
ASGROW AG4604	66.8	▪	▪	9/20	4.3	1.0	42
S04-6008RR	66.7	▪	▪	9/16	3.7	1.0	43
Terral TVX46R018	66.3	▪	▪	9/12	3.7	1.0	49
ASGROW AG4403	66.1	67.3	67.8	9/15	3.0	1.0	41
Deltapine DP4450RR	65.7	▪	▪	9/14	4.3	1.3	44
S04-6013RR	65.4	▪	▪	9/16	2.3	1.0	43
NK BRAND S45-E5	65.3	▪	▪	9/19	3.0	1.0	36
Armor GP454	65.0	67.4	▪	9/14	4.7	1.0	42
Delta Grow 4460RR	65.0	66.7	68.5	9/13	4.7	1.0	49
Pioneer 94M30	64.7	▪	▪	9/26	3.3	1.0	39
ASGROW AG4103	64.3	▪	▪	9/12	4.3	1.0	43
Deltapine DPX4334RR	64.2	▪	▪	9/18	2.0	1.0	50
Dyna-Gro 37A44	63.8	73.5	74.6	9/15	4.3	1.3	48
Schillinger 457RCP	63.3	▪	▪	9/16	4.7	1.0	49
Progeny 4606RR	63.1	71.3	▪	9/20	1.0	1.0	31
MORSOY RTS4556N	63.0	▪	▪	9/16	2.3	1.3	41
AGVENTURE 44D4	62.7	68.5	▪	9/13	4.3	1.0	48
AGVENTURE 46J5NRR	62.3	62.5	▪	9/18	1.0	1.0	34
Progeny 4507RR	62.1	▪	▪	9/16	3.0	1.0	35
MONSANTO EXP 645AR	61.9	▪	▪	9/13	2.0	1.3	38
Terral TVX45R018	61.7	▪	▪	9/09	3.0	1.7	41
Terral TV46R15	61.5	64.1	65.2	9/20	4.0	1.3	50
Schillinger 467RCP	61.4	▪	▪	9/15	5.0	1.0	35
Terral TVX45R118	61.1	▪	▪	9/09	3.3	1.3	39
Delta Grow 4660RR	60.7	63.1	63.5	9/16	5.0	1.0	40
ASGROW AG4405	60.6	▪	▪	9/12	5.0	1.7	32

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
Delta Grow 4150RR	60.6	64.8	67.2	9/14	3.7	1.0	43
Deltapine DP4546RR	60.4	58.9	59.5	9/18	4.0	1.3	44
Pioneer 93M90	60.0	56.2	63.2	9/07	2.7	1.7	40
HBK R4527	59.8	▪	▪	9/16	4.0	1.0	46
MONSANTO EXP 644AR	59.1	▪	▪	9/12	2.3	1.0	40
Terral TV44R27	59.0	63.0	▪	9/12	5.0	1.0	49
USG 7466nRR	59.0	61.6	61.9	9/17	4.3	1.0	48
Delta King DK4667	57.9	63.9	65.8	9/13	4.3	1.0	46
Pioneer 94M31	57.5	54.7	▪	9/09	5.0	1.0	36
HBK R3927	57.3	▪	▪	9/19	5.0	1.0	42
Dyna-Gro 35D44	57.2	▪	▪	9/12	4.0	1.0	41
S03-051RR	57.1	62.7	▪	9/11	3.7	1.0	49
Progeny 4405RR	56.6	▪	▪	9/11	4.3	1.0	45
Terral TV45R14	55.2	▪	▪	9/11	3.3	2.0	44
Deltapine 07-3972RR	54.2	▪	▪	9/07	4.3	1.0	35
HBK R3824	53.5	52.4	55.9	9/11	3.7	1.0	41
Deltapine DP4112RR/S	52.9	51.9	▪	9/09	3.3	1.3	40
Dyna-Gro 37F46	52.0	56.5	57.8	9/17	5.0	1.7	46
MORSOY RTS4007N	47.5	▪	▪	9/03	3.0	1.3	37
Grand mean	63.1	▪	▪	9/15	3.4	1.1	42
LSD (5%)	8.8	▪	▪	4	1.3	0.5	▪
C.V. (%)	8.5	▪	▪	3	24.5	29.1	▪

Maturity Group IV Late (4.7 to 4.9)

Deltapine 07-4732RR	75.1	▪	▪	9/20	1.3	1.0	37
Stine 4782-4	71.2	73.6	▪	9/25	1.0	1.7	34
EXCEL 8474NRR	70.8	▪	▪	9/28	2.0	1.0	39
MORSOY RTS4706N	70.3	75.4	▪	9/21	1.0	1.3	32
Delta Grow 4770RR	69.8	70.9	▪	9/15	3.3	1.3	44
Delta King XTJ848	69.6	▪	▪	9/20	3.0	1.3	50
Armor 47-F8	69.2	▪	▪	9/20	1.0	1.7	33
MORSOY RT4806N	69.0	74.2	▪	9/15	4.0	1.3	45
MORSOY RT4707N	67.7	▪	▪	9/23	4.0	1.0	49
HBK R4724	67.3	69.5	72.3	9/24	2.7	1.3	52
Delta Grow 4780RR	67.2	▪	▪	9/22	3.0	1.3	45
Delta King XTJ847	67.2	▪	▪	9/29	2.7	1.7	43
Delta Grow 4960RR	66.9	67.3	66.3	9/27	2.0	2.0	34
NK BRAND S49-H7	66.8	66.8	▪	9/28	1.3	1.7	42
TN03-12RR	66.5	▪	▪	9/22	1.7	1.0	28
HBK R4727	65.0	▪	▪	9/21	3.7	1.3	45
Dyna-Gro 36Y48	64.7	67.5	68.2	9/25	2.7	1.3	45

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Late (4.7 to 4.9) Continued							
Progeny 4906RR	64.7	69.4	▪	9/25	2.7	1.3	46
Legacy LS47-57NRR	64.5	▪	▪	9/25	3.0	1.0	44
ASGROW AG4903	64.1	64.4	64.5	9/25	3.3	1.7	41
AGVENTURE 49D6NRR	63.9	65.0	▪	9/30	2.0	1.3	45
Progeny 4807RR	63.8	▪	▪	9/21	3.7	1.3	46
Dyna-Gro 37P49	63.5	67.7	▪	9/27	3.7	1.0	44
MPV 4808RR	63.3	▪	▪	9/28	3.0	1.3	50
MORSOY RTS4955N	62.5	63.6	66.0	9/27	3.3	1.3	48
Dyna-Gro 35Z49	62.3	64.4	64.4	9/28	2.7	1.0	46
Progeny 4706RR	61.8	68.0	▪	9/16	4.3	1.0	45
NK BRAND S49-W6	61.4	62.5	▪	9/22	2.7	1.7	40
Deltapine DPX4727RR	61.0	▪	▪	9/23	2.7	1.0	42
Delta Grow 4975LARR	60.9	68.9	▪	9/27	2.3	1.0	45
MPV 4905nRR	60.9	64.6	▪	9/18	4.7	1.3	41
R02-3263RR	60.8	▪	▪	10/02	2.3	1.3	46
ASGROW AG4703	60.3	64.8	68.8	9/17	3.3	1.7	38
HBK R4924	60.2	64.7	63.5	9/27	4.0	1.0	51
Armor 49-V6	59.7	66.7	▪	9/28	3.3	1.0	50
Terral TVX48R018	59.3	▪	▪	9/28	4.0	1.7	46
Legacy LS49-57RR	59.2	▪	▪	9/28	2.0	1.7	42
Deltapine 07-4950RR	58.9	▪	▪	9/30	2.7	1.3	45
Pioneer 94M71	58.7	▪	▪	9/20	4.7	2.0	55
Delta King DK4866	58.5	65.4	64.6	9/19	4.7	1.3	38
MORSOY RT4802N	58.5	64.7	64.4	9/16	3.3	1.3	38
Deltapine DP4724RR	58.1	62.7	65.3	9/16	3.3	1.3	37
Delta Grow 4860RR	57.5	63.6	65.0	9/16	3.7	1.7	46
Pioneer 94M80	57.4	62.5	64.2	9/17	3.7	1.0	46
Terral TV47R17	57.3	61.7	▪	9/26	4.0	1.7	46
Schillinger 495RC	57.2	64.9	68.6	9/29	4.7	1.7	47
USG 7494nRR	56.8	61.0	63.3	9/19	4.7	1.3	41
Delta Grow 4970RR	55.5	65.1	67.6	10/01	4.0	1.0	49
Deltapine DP4919RR/S	54.8	65.2	▪	9/25	4.0	1.0	48
Delta King DK4967	54.5	61.9	63.4	9/14	4.0	1.7	40
Terral TVX47R118	54.5	▪	▪	9/23	4.7	1.0	46
Schillinger JG49	54.4	▪	▪	9/29	4.3	1.3	51
Delta Grow 4840RR	54.1	60.3	63.0	9/19	5.0	1.7	41
Deltapine DP4888RR/S	53.6	59.8	▪	10/01	3.3	1.0	47
MORSOY RT4914N	53.5	62.3	66.1	9/30	4.0	1.3	43
Terral TV49R27	53.3	61.8	▪	9/28	4.7	1.3	44
AGVENTURE 47G3NRR	51.6	▪	▪	9/27	4.0	1.7	44

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
Dyna-Gro 38X47	51.5	▪	▪	9/18	5.0	1.3	35
Delta King DK4763	51.4	61.6	65.7	9/16	3.7	1.3	39
Terral TV49R17	51.3	56.4	▪	9/20	2.7	1.7	47
Progeny 4804RR	50.7	57.6	60.6	9/18	4.7	1.3	40
USG 74F78	50.7	▪	▪	9/17	4.3	1.3	39
Terral TVX47R018	49.9	▪	▪	9/26	4.0	2.0	47
Terral TV48R14	49.7	56.1	57.3	9/21	3.7	1.0	48
Progeny 4949RR	48.4	56.5	60.6	9/29	5.0	1.7	49
Delta King DK4968	46.4	57.5	▪	9/23	4.7	1.0	52
Schillinger XP47	46.4	▪	▪	9/18	5.0	1.0	44
Pioneer 94B73	45.1	51.4	60.2	9/17	4.3	1.0	40
Progeny 4817RR	41.6	▪	▪	9/15	5.0	1.0	42
Grand mean	59.5	▪	▪	9/23	3.4	1.3	44
LSD (5%)	7.8	▪	▪	4	1.2	0.8	▪
C.V. (%)	8.2	▪	▪	3	21.4	38.8	▪
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
Armor 55-A5	75.1	▪	▪	10/09	1.3	1.7	38
Pioneer 95M50	74.0	71.8	66.4	10/11	1.3	1.0	42
Dyna-Gro 33X55	73.4	69.2	61.6	10/01	2.3	2.0	39
HBK R5525	73.4	72.1	65.7	10/04	2.3	1.3	42
Schillinger 557RC	73.2	▪	▪	9/30	2.0	1.3	50
Delta King DK5567	73.1	69.0	63.5	10/08	3.0	1.3	36
USG 7553nRS	71.9	69.6	64.0	10/06	1.0	1.7	35
Delta King DK52K6	70.9	69.9	62.1	10/04	2.0	1.7	39
MPV 5505nRR	70.8	68.6	▪	9/30	1.7	1.0	53
Delta King DK5366	69.7	65.5	60.2	10/09	3.3	1.0	39
MPV 5408nRR	69.6	▪	▪	9/29	4.0	1.3	39
Progeny 5407RR	69.6	▪	▪	10/15	1.3	1.3	45
Terral TV52R14	69.1	68.3	64.4	9/30	4.0	1.0	41
Delta Grow 5160RR/STS	68.8	66.7	63.6	9/26	5.0	1.0	48
MPV 5407nRR	68.6	68.3	▪	10/16	1.3	1.3	42
Armor GP-533	68.5	64.0	▪	10/04	2.0	1.3	52
ASGROW AG5501	67.9	70.0	65.5	10/09	3.0	1.7	35
HBK R5226	67.7	63.3	▪	9/28	3.7	1.7	57
FFR 5663	67.6	67.2	62.0	10/02	2.7	1.0	38
MORSOY RT5506N	67.6	68.5	▪	10/08	2.3	1.7	34
Dyna-Gro 33P54	67.5	▪	▪	10/01	2.0	1.0	37
Progeny 5507RR	67.1	▪	▪	9/30	2.0	1.0	52
Croplan RC5555	66.8	64.8	60.9	10/07	2.7	1.3	41

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Early (RM 5.0 to 5.5) Continued							
HBK RS5227	66.6	▪	▪	9/26	4.0	2.0	41
Delta Grow 5555RR	66.4	▪	▪	10/03	3.7	1.3	34
R04-1276RR	66.4	▪	▪	10/04	3.3	1.7	45
Armor GP-500	66.3	▪	▪	9/28	4.0	1.3	30
Legacy LS51-57NRR	66.1	▪	▪	9/30	4.0	2.3	52
NK BRAND S52-F2	65.9	65.4	▪	9/27	2.7	1.0	41
USG 7515nRS	65.7	63.0	63.5	9/26	5.0	1.3	38
Delta King DK5368	65.6	66.2	▪	9/28	3.3	2.3	50
MORSOY RT5407N	65.5	▪	▪	9/25	3.3	1.0	40
Delta Grow 5450RR	65.2	▪	▪	10/14	1.0	1.3	41
Terral TVX53R028	65.2	▪	▪	10/05	4.0	2.3	33
Terral TVX53R118	65.0	▪	▪	10/03	3.7	2.0	34
MPV 5308nRR	64.7	65.6	▪	10/02	3.7	1.7	52
Delta Grow 5470RR	64.4	67.1	▪	10/15	1.0	1.0	36
Progeny 5207RR	64.4	▪	▪	9/23	5.0	1.0	34
Terral TVX54R018	64.0	▪	▪	9/26	2.3	1.3	34
AGVENTURE 53D3NRR	63.9	▪	▪	9/30	4.7	1.0	36
Dyna-Gro 33B52	63.9	62.4	59.6	10/05	5.0	1.7	38
MORSOY RT5107N	63.4	▪	▪	9/23	4.3	1.0	42
Deltapine DP5335RR/S	63.2	▪	▪	10/11	1.7	1.7	41
USG 75J47	63.2	▪	▪	9/29	2.3	1.0	36
Progeny 5250RR	63.1	▪	▪	10/11	2.7	1.3	38
FFR 5116	62.9	▪	▪	9/29	4.0	2.7	41
Terral TV55R15	62.9	57.4	54.7	10/05	4.0	1.0	39
Delta Grow 5300RR	62.7	66.3	▪	9/28	3.7	2.3	40
Delta King XTJ 851	62.7	▪	▪	10/02	4.0	1.0	54
Delta Grow 5270RR	62.6	▪	▪	9/24	5.0	1.3	42
Terral TVX53R018	62.6	▪	▪	10/07	3.7	1.3	39
USG 75J17	62.5	▪	▪	9/23	5.0	1.0	41
ASGROW AG5301	61.5	63.1	62.4	9/30	3.0	2.0	34
Stine 5482-4	61.5	▪	▪	9/28	4.7	1.3	42
Dyna-Gro 31R54	61.1	▪	▪	10/09	1.0	1.7	35
Armor 52-U2	60.8	▪	▪	9/25	4.3	1.0	43
Delta King DK5066	60.3	62.1	59.1	9/26	5.0	1.3	38
Progeny 5115RR	59.9	59.5	56.6	10/01	4.0	1.7	43
Dyna-Gro 39F51	59.8	▪	▪	9/24	5.0	1.7	29
Pioneer 95M30	59.7	61.3	▪	9/26	4.3	1.0	53
MORSOY RT5306N	59.4	64.7	▪	10/03	4.3	2.0	37
Delta Grow 5570RR	58.9	▪	▪	10/08	1.3	1.0	41
HBK R5425	58.5	56.4	▪	10/08	4.3	1.0	38

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
Deltapine DP5115RR/S	58.4	59.3	▪	9/29	4.0	1.0	42
Croplan RC5437	58.2	▪	▪	10/06	2.0	2.3	45
MORSOY RT5307N	57.4	▪	▪	9/28	5.0	1.0	39
AGVENTURE 50D2RR	57.2	55.6	▪	9/25	5.0	1.0	44
Delta King DK5161	56.7	60.8	58.3	9/25	4.7	1.0	34
R01-4834RR	56.7	60.7	56.2	10/13	4.3	1.3	38
Terral TVX52R218	56.1	▪	▪	9/26	5.0	1.0	37
AGVENTURE 52P2NRR	55.4	▪	▪	9/25	4.3	1.7	39
Terral TVX52R028	55.1	▪	▪	9/27	4.3	2.0	39
Terral TVX52R018	54.5	▪	▪	9/30	5.0	2.0	47
Terral TVX52R128	53.5	▪	▪	9/25	5.0	2.0	43
Dyna-Gro 32A53	53.1	57.2	▪	9/26	4.7	1.0	39
Delta King DK5068	52.9	60.5	▪	9/26	5.0	1.3	50
Progeny 5107RR	49.9	▪	▪	10/10	4.7	1.7	51
Progeny 5307RR	49.4	▪	▪	9/29	5.0	1.3	34
Legacy LS54-27CRR	48.7	▪	▪	9/26	5.0	1.0	42
Grand mean	63.5	▪	▪	10/02	3.5	1.4	41
LSD (5%)	6.9	▪	▪	4	1.3	0.9	▪
C.V. (%)	6.8	▪	▪	3	22.7	38.9	▪
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
Dyna-Gro 36N57	70.3	67.0	62.2	10/03	2.0	1.0	39
Dyna-Gro 33C59	69.6	▪	▪	10/16	2.0	1.0	36
ASGROW AG5605	69.0	65.2	62.3	9/30	1.3	1.0	41
AGVENTURE 57D7RR	67.7	63.1	▪	10/03	3.3	1.7	33
ASGROW AG5903	66.6	61.3	58.1	10/03	4.0	1.3	44
AGS 568RR	66.5	62.8	▪	10/04	1.3	1.7	45
Terral TV59R16	65.4	64.6	▪	10/13	2.0	1.3	37
Deltapine DP5634RR	65.2	66.0	59.9	9/27	3.7	1.0	33
USG 75J97	65.1	▪	▪	10/09	2.0	1.0	47
Deltapine DP5914RR	64.5	64.0	▪	10/02	1.0	1.7	40
Delta Grow 5830RR	64.4	65.8	60.0	10/18	3.0	1.0	39
Delta Grow 5970RR	64.3	▪	▪	10/12	2.0	1.0	52
Croplan RC5955	64.1	63.2	▪	10/15	2.7	1.0	45
USG ALLEN	64.1	59.6	▪	10/13	2.0	1.0	43
Deltapine DP5915RR	64.0	63.1	58.5	10/17	2.0	1.3	46
MORSOY RT5906N	63.0	▪	▪	10/07	2.0	2.0	50
MORSOY RT5620N	62.7	56.1	52.5	10/08	4.0	1.0	37
Terral TV57R14	62.7	59.4	57.6	9/28	3.3	1.7	42

Table 9. Performance of Irrigated, Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Late (RM 5.6 to 5.9) Continued</u>							
ASGROW AG5905	62.3	61.7	56.3	10/12	2.7	1.0	47
Progeny 5650RR	61.5	62.9	▪	10/16	3.0	1.0	33
Delta Grow 5960RR	60.8	55.7	54.4	10/06	3.3	1.0	38
Dyna-Gro SX06856	60.6	▪	▪	9/28	3.3	1.7	37
Delta Grow 5630RR	60.4	56.0	54.1	10/10	2.7	1.3	36
HBK R5825	59.8	58.1	51.8	10/09	1.0	1.0	44
MORSOY RT5903N	59.4	56.6	55.2	10/06	2.7	1.7	43
AGS 606RR	59.2	▪	▪	10/09	1.7	1.3	40
Dyna-Gro 3583	59.0	58.6	55.9	10/09	2.7	1.7	47
HBK R5727	58.8	▪	▪	9/27	2.7	1.0	41
Legacy LS57-26CRR	58.8	▪	▪	9/27	5.0	1.0	37
Dyna-Gro 34J56	58.7	57.9	▪	9/25	4.0	1.7	41
Delta King DK55T6	58.4	54.2	55.0	10/03	2.7	1.7	44
USG 7582nRR	58.0	59.0	57.1	10/06	2.3	1.7	37
Terral TV57R16	57.7	54.0	▪	9/30	4.3	1.0	38
Progeny 5706RR	56.0	56.4	▪	10/13	2.0	1.3	45
Terral TVX56R018	54.4	▪	▪	9/24	4.7	2.0	36
Grand mean	62.4	▪	▪	10/06	2.7	1.3	41
LSD (5%)	6.9	▪	▪	5	1.3	0.7	▪
C.V. (%)	6.8	▪	▪	3	30.0	33.3	▪

Soil Series	Calloway silt loam						
Previous Crop	Soybean						
Row Width	30 inches						
Fertilizer Applied	0-0-60, 3/05						
Planting Date	5/22/07						
Herbicide Application(s)	Glyphosate + Dual II Magnum, 5/25; Glyphosate, 6/26; Storm + Dual Magnum, 6/29						
Fungicide Applications(s)	Quadris + TOPGUARD, 7/27; Quadris + TOPGUARD, 8/14						
Insecticide Application(s)	Methyl Parathion, 9/16						
Irrigation Dates	6/09, 6/16, 6/26, 6/29, 7/21, 7/28, 8/2, 8/12, 8/18, 8/29						
Harvest Dates	MG 4E	10/11					
	MG 4L	10/30					
	MG 5E	10/30					
	MG 5L	10/30					

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.3	2.7	3.7	6.0	0.9	3.0	20.6
Average	5.4	5.2	3.4	4.0	2.8	4.0	24.8
Departure	-1.1	-2.5	0.3	2.0	-1.9	-1.0	- 4.2

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early Cultivars (RM 4.0 to 4.6)</u>							
Delta Grow 4660RR	66.3	65.4	67.3	9/13	1.0	1.0	38
Delta King DK4667	66.1	67.1	68.5	9/14	1.0	1.0	37
HBK R4527	66.1	▪	▪	9/13	1.0	1.0	37
Dyna-Gro 37F46	65.5	66.0	68.9	9/14	1.0	1.0	35
S04-6008RR	64.7	▪	▪	9/13	1.0	1.0	32
Dyna-Gro 32R46	64.3	66.5	▪	9/20	1.0	1.0	26
Progeny 4507RR	63.9	▪	▪	9/14	1.0	1.0	31
NK BRAND S46-U6	63.5	68.9	▪	9/15	1.0	1.0	34
ASGROW AG4605	62.9	▪	▪	9/14	1.0	1.0	30
Progeny 4606RR	62.5	61.7	▪	9/19	1.0	1.0	25
MONSANTO EXP 644AR	61.2	▪	▪	9/14	1.0	1.0	30
Deltapine DPX4334RR	61.1	▪	▪	9/11	1.0	1.0	36
Dyna-Gro 33Y45	60.9	▪	▪	9/17	1.0	1.0	28
S04-6013RR	60.4	▪	▪	9/12	1.0	1.0	31
ASGROW AG4604	60.	▪	▪	9/12	1.0	1.0	32
USG 7466nRR	59.8	64.8	68.4	9/14	1.0	1.0	38
MORSOY RTS4556N	58.5	▪	▪	9/14	1.0	1.0	30
Deltapine DP4450RR	58.	▪	▪	9/10	1.0	1.7	32
MPV 4406nRR	58.	▪	▪	9/11	1.0	1.0	35
Delta Grow 4470RR/STS	57.9	▪	▪	9/13	1.0	1.0	25
Terral TV44R27	57.8	59.2	▪	9/10	1.0	1.0	34
Delta Grow 4150RR	57.7	63.4	67.5	9/12	1.0	1.0	27
USG 7440nRR	57.7	60.7	64.5	9/14	1.0	1.0	28
Progeny 4206RR	57.3	▪	▪	9/10	1.0	1.0	30
ASGROW AG4405	57.2	▪	▪	9/10	1.0	1.0	27
Progeny 4405RR	56.9	▪	▪	9/11	1.0	1.0	35
Dyna-Gro 37A44	56.8	61.7	65.7	9/13	1.0	1.0	36
ASGROW AG4403	56.7	60.9	64.6	9/11	1.0	1.0	33
S04-5969RR	55.6	▪	▪	9/12	1.0	1.0	35
HBK R3927	55.5	▪	▪	9/10	1.0	1.0	35
NK BRAND S45-E5	55.1	▪	▪	9/12	1.0	1.0	34
Delta Grow 4460RR	55.	58.5	62.0	9/10	1.0	1.0	29
Armor GP454	54.7	62.1	▪	9/09	1.0	1.0	31
Deltapine DP4546RR	54.7	56.4	61.2	9/12	1.0	1.0	33
ASGROW AG4404	53.5	57.4	62.2	9/11	1.0	1.0	26
MORSOY RT4485N	53.5	63.5	68.4	9/10	1.0	1.0	33
MONSANTO EXP 645AR	53.2	▪	▪	9/13	1.0	1.0	30
Terral TV46R15	53.1	54.2	60.8	9/11	1.0	1.0	36
ASGROW DKB46-51	53.	▪	▪	9/13	1.0	1.0	29
HBK R3824	52.9	58.8	61.3	9/11	1.0	1.0	30
Schillinger 467RCP	52.4	▪	▪	9/15	1.0	1.0	28
Terral TV45R14	52.2	▪	▪	9/06	1.0	1.0	33

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early Cultivars (RM 4.0 to 4.6) Continued</u>							
Dyna-Gro 35D44	51.9	▪	▪	9/11	1.0	1.0	30
Schillinger 457RCP	51.6	▪	▪	9/14	1.0	1.7	35
Deltapine DP4112RR/S	51.1	58.7	▪	9/10	1.0	1.0	34
Pioneer 94M30	51.1	▪	▪	9/11	1.0	1.0	28
Pioneer 93M90	50.9	54.5	56.1	9/06	1.0	1.7	31
Pioneer 94M31	50.7	56.1	▪	9/06	1.0	1.0	30
S03-051RR	50.6	50.4	▪	9/09	1.0	1.7	39
ASGROW AG4103	49.8	▪	▪	9/09	1.0	1.0	30
AGVENTURE 44D4	49.7	55.7	▪	9/10	1.0	1.0	33
Delta King DK4567	48.8	55.0	▪	9/13	1.0	1.0	28
Terral TVX45R118	48.6	▪	▪	9/09	1.0	1.0	32
Deltapine 07-3980RR	48.3	▪	▪	9/12	1.0	1.0	27
Terral TVX46R018	48.2	▪	▪	9/07	1.0	1.0	35
Terral TVX45R018	47.9	▪	▪	9/07	1.0	1.0	34
MORSOY RTS4007N	47.4	▪	▪	9/06	1.0	1.0	26
AGVENTURE 46J5NRR	40.6	49.5	▪	9/13	1.0	1.0	26
Deltapine 07-3972RR	40.2	▪	▪	9/06	1.0	1.0	30
Grand mean	55.6	▪	▪	9/12	1.0	1.0	32
LSD (5%)	7.3	▪	▪	2	ns	0.5	▪
C.V. (%)	8.0	▪	▪	2	▪	28.3	▪

Maturity Group IV Late (4.7 to 4.9)

Dyna-Gro 37P49	72.6	69.3	▪	9/19	1.0	1.0	34
Delta Grow 4975LARR	72.4	67.9	▪	9/18	1.0	1.0	30
Dyna-Gro 36Y48	72.2	60.8	64.8	9/24	1.8	1.0	34
Dyna-Gro 35Z49	72.0	63.4	66.5	9/23	1.3	1.0	37
AGVENTURE 49D6NRR	71.9	66.7	▪	9/25	1.0	1.0	33
Deltapine 07-4950RR	71.6	▪	▪	9/25	1.0	1.0	36
EXCEL 8474NRR	71.3	▪	▪	9/21	1.0	1.0	30
Legacy LS49-57RR	71.0	▪	▪	9/25	1.0	1.0	35
ASGROW AG4903	70.4	65.8	68.2	9/25	1.0	1.0	27
HBK R4924	67.8	63.7	65.6	9/19	1.0	1.0	27
Progeny 4906RR	67.8	66.3	▪	9/21	1.0	1.0	29
MORSOY RT4914N	67.7	64.7	65.1	9/16	2.0	1.0	30
Schillinger 495RC	67.7	66.6	70.2	9/19	1.3	1.0	30
Delta King XTJ848	67.5	▪	▪	9/12	1.3	1.0	31
MORSOY RTS4955N	66.8	62.1	64.2	9/23	1.7	1.0	30
Delta King DK4968	66.6	64.3	▪	9/19	1.0	1.0	30
Legacy LS47-57NRR	66.5	▪	▪	9/14	1.0	1.0	31

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
USG 74F78	66.5	▪	▪	9/15	1.2	1.0	27
Terral TV49R27	65.3	64.1	▪	9/19	1.8	1.0	31
NK BRAND S49-H7	65.2	68.7	▪	9/21	1.0	1.0	29
Delta Grow 4780RR	65.0	▪	▪	9/14	1.5	1.0	32
Delta Grow 4970RR	64.5	66.3	68.3	9/20	1.2	1.0	30
Deltapine DPX4727RR	64.3	▪	▪	9/14	1.0	1.0	28
Schillinger JG49	64.0	▪	▪	9/19	1.0	1.0	34
Dyna-Gro 38X47	63.8	▪	▪	9/17	1.0	1.0	27
Terral TVX48R018	63.3	▪	▪	9/13	2.2	1.0	34
R02-3263RR	63.1	▪	▪	9/17	1.0	1.0	35
Progeny 4807RR	62.6	▪	▪	9/13	1.0	1.0	33
Armor 49-V6	62.5	59.6	▪	9/15	1.0	1.0	33
Stine 4782-4	62.5	65.4	▪	9/23	1.0	1.0	28
USG 7494nRR	62.5	59.6	64.4	9/14	1.8	1.0	28
Terral TVX47R018	62.1	▪	▪	9/14	2.2	1.0	36
Terral TVX47R118	62.0	▪	▪	9/15	1.3	1.0	34
Terral TV48R14	61.9	64.4	64.2	9/17	1.0	1.0	33
MPV 4808RR	61.6	▪	▪	9/15	1.0	1.0	32
Armor 47-F8	61.3	▪	▪	9/17	1.0	1.0	25
MORSOY RTS4706N	60.7	60.5	▪	9/19	1.0	1.0	23
Progeny 4949RR	60.6	62.4	64.2	9/19	1.0	1.0	32
Delta Grow 4770RR	60.5	63.3	▪	9/11	1.5	1.0	30
Deltapine DP4919RR/S	60.5	57.0	▪	9/14	1.0	1.0	32
Delta King DK4866	60.3	62.3	67.3	9/19	1.0	1.0	24
Progeny 4817RR	60.2	▪	▪	9/12	3.2	1.0	35
HBK R4727	60.1	▪	▪	9/14	1.0	1.0	31
NK BRAND S49-W6	60.0	64.9	▪	9/20	1.0	1.0	30
Deltapine DP4888RR/S	59.7	62.7	▪	9/14	1.0	1.0	32
Terral TV47R17	59.7	58.3	▪	9/17	1.2	1.0	42
ASGROW AG4703	59.5	64.2	65.7	9/13	1.0	1.0	26
MORSOY RT4707N	59.4	▪	▪	9/14	1.0	1.0	28
TN03-12RR	59.0	▪	▪	9/19	1.0	1.0	18
HBK R4724	58.9	59.5	61.0	9/14	1.0	1.0	26
Delta King XTJ847	58.5	▪	▪	9/14	1.0	1.0	27
MPV 4905nRR	58.2	55.9	▪	9/14	1.3	1.0	30
Schillinger XP47	58.2	▪	▪	9/15	1.0	1.0	26
Delta Grow 4840RR	57.7	57.1	61.9	9/14	1.5	1.0	29
Progeny 4706RR	57.7	61.6	▪	9/10	1.3	1.0	32
Progeny 4804RR	57.7	57.2	58.7	9/13	1.3	1.0	26
Deltapine 07-4732RR	57.5	▪	▪	9/17	1.0	1.0	25
Delta Grow 4960RR	57.3	59.7	62.1	9/18	1.0	1.0	21
Terral TV49R17	56.2	57.2	▪	9/18	1.0	1.0	32

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
MORSOY RT4806N	55.5	57.7	▪	9/10	1.2	1.0	32
AGVENTURE 47G3NRR	55.4	▪	▪	9/18	1.8	1.0	31
Delta King DK4967	54.9	54.7	56.9	9/13	1.0	1.0	28
Pioneer 94M71	54.9	▪	▪	9/12	1.5	1.0	30
Delta Grow 4860RR	54.4	50.7	56.8	9/12	1.0	1.0	23
Pioneer 94M80	52.7	56.5	59.4	9/14	1.0	1.0	28
Delta King DK4763	51.4	58.0	59.6	9/11	1.0	1.0	27
MORSOY RT4802N	51.3	53.2	58.8	9/12	1.0	1.0	22
Pioneer 94B73	50.4	59.0	60.9	9/11	1.0	1.0	29
Deltapine DP4724RR	49.1	52.4	59.3	9/13	1.0	1.0	28
Grand mean	62.0	▪	▪	9/16	1.2	1.0	30
LSD (5%)	7.0	▪	▪	3	0.5	ns	▪
C.V. (%)	7.1	▪	▪	2	28.0	▪	▪

Maturity Group V Early (RM 5.0 to 5.5)

Progeny 5115RR	75.9	71.3	73.4	9/26	2.5	1.0	37
Terral TV55R15	74.6	74.6	72.7	10/02	1.0	1.0	27
Delta Grow 5555RR	72.3	▪	▪	10/02	1.0	1.0	28
R04-1276RR	71.8	▪	▪	10/02	1.0	1.0	28
Legacy LS51-57NRR	70.3	▪	▪	9/26	1.0	1.0	24
Armor 55-A5	70.2	▪	▪	10/03	1.0	1.0	21
Delta King DK52K6	69.8	71.2	71.4	10/02	1.0	1.0	23
Delta Grow 5450RR	69.7	▪	▪	10/05	1.0	1.0	23
Delta King DK5368	69.6	69.4	▪	10/02	1.0	1.0	20
HBK R5525	69.6	72.2	72.1	10/02	1.0	1.0	20
Delta King DK5366	69.4	70.3	71.5	10/02	1.0	1.0	22
Schillinger 557RC	69.4	▪	▪	9/28	1.0	1.0	19
Armor GP-533	69.3	71.1	▪	10/02	1.0	1.0	22
Croplan RC5555	69.3	67.8	68.8	9/29	1.0	1.0	27
Delta King XTJ 851	69.2	▪	▪	10/02	1.0	1.0	24
HBK R5425	68.9	69.6	▪	10/02	2.3	1.0	38
Croplan RC5437	67.9	▪	▪	10/04	1.0	1.0	24
Delta King DK5066	67.7	66.1	68.7	9/24	2.5	1.0	35
Dyna-Gro 33X55	67.7	69.4	70.1	10/02	1.0	1.0	23
Terral TV52R14	66.9	66.7	68.8	9/28	1.0	1.0	24
FFR 5663	66.8	70.4	70.7	10/01	1.0	1.0	22
Delta Grow 5160RR/STS	66.6	64.3	65.9	9/25	2.8	1.0	30
HBK RS5227	66.6	▪	▪	9/25	1.0	1.0	21
Terral TVX53R028	66.6	▪	▪	10/02	1.0	1.0	26

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
Pioneer 95M30	66.2	66.7	▪	9/28	1.0	1.0	22
Terral TVX53R118	66.2	▪	▪	10/02	1.0	1.0	23
MORSOY RT5306N	66.0	65.5	▪	9/25	1.0	1.0	21
MORSOY RT5506N	66.0	66.9	▪	9/29	1.0	1.0	19
ASGROW AG5501	65.7	71.9	71.7	10/02	1.0	1.0	25
Delta Grow 5570RR	65.2	▪	▪	10/02	1.0	1.0	20
Delta King DK5567	65.1	69.1	70.4	10/02	1.0	1.0	21
Delta King DK5161	64.4	68.6	69.2	9/28	1.0	1.0	20
HBK R5226	64.4	68.4	▪	10/02	1.0	1.0	22
AGVENTURE 53D3NRR	64.3	▪	▪	9/25	1.0	1.0	30
Armor 52-U2	64.2	▪	▪	9/26	1.0	1.0	19
Delta Grow 5300RR	64.2	67.3	▪	9/26	1.0	1.0	21
USG 7515nRS	64.0	62.4	65.6	9/24	2.7	1.0	32
MPV 5408nRR	63.9	▪	▪	10/01	1.0	1.0	18
Delta Grow 5470RR	63.8	68.0	▪	10/02	1.0	1.0	32
Deltapine DP5335RR/S	63.6	▪	▪	9/27	1.0	1.0	29
MPV 5505nRR	63.6	65.5	▪	9/28	1.0	1.0	20
Dyna-Gro 33B52	62.9	65.4	68.6	9/29	1.0	1.0	24
Progeny 5207RR	62.8	▪	▪	9/25	1.0	1.0	32
R01-4834RR	62.8	66.9	67.4	10/03	1.0	1.0	23
Deltapine DP5115RR/S	62.7	64.0	▪	10/01	1.0	1.0	34
Dyna-Gro 31R54	62.6	▪	▪	10/03	1.0	1.0	26
MPV 5407nRR	62.6	68.9	▪	10/04	1.0	1.0	33
Pioneer 95M50	62.3	70.6	70.5	10/03	1.0	1.0	26
NK BRAND S52-F2	62.2	64.7	▪	10/01	1.0	1.0	16
Stine 5482-4	62.2	▪	▪	10/03	1.0	1.0	20
Delta King DK5068	62.0	60.8	▪	9/26	1.8	1.0	30
Terral TVX53R018	61.8	▪	▪	10/02	1.0	1.0	22
Armor GP-500	61.7	▪	▪	9/24	1.2	1.0	25
Progeny 5107RR	61.2	▪	▪	9/30	1.0	1.0	30
MPV 5308nRR	61.0	63.4	▪	9/27	1.0	1.0	22
Progeny 5307RR	60.7	▪	▪	9/23	3.3	1.0	33
USG 75J17	60.6	▪	▪	9/24	1.0	1.0	27
Dyna-Gro 32A53	60.5	62.9	▪	10/01	1.0	1.0	22
Dyna-Gro 39F51	60.5	▪	▪	9/25	1.0	1.0	30
Progeny 5507RR	60.1	▪	▪	9/29	1.0	1.0	20
Delta Grow 5270RR	60.0	▪	▪	9/24	1.2	1.0	31
Terral TVX54R018	60.0	▪	▪	9/29	1.0	1.0	22
MORSOY RT5107N	59.7	▪	▪	9/24	1.0	1.0	30
MORSOY RT5407N	59.7	▪	▪	9/29	1.0	1.0	19
Progeny 5407RR	59.7	▪	▪	10/03	1.0	1.0	33
AGVENTURE 52P2NRR	58.8	▪	▪	10/03	1.0	1.0	22

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
USG 7553nRS	58.8	65.6	66.3	10/01	1.0	1.0	21
Dyna-Gro 33P54	58.6	▪	▪	10/01	1.0	1.0	20
Progeny 5250RR	58.0	▪	▪	10/02	1.0	1.0	18
AGVENTURE 50D2RR	57.9	64.9	▪	9/24	2.0	1.0	35
ASGROW AG5301	57.9	64.1	66.4	9/28	1.0	1.0	18
Terral TVX52R128	57.3	▪	▪	9/28	1.2	1.0	30
Terral TVX52R018	56.6	▪	▪	9/24	2.5	1.0	35
USG 75J47	56.5	▪	▪	9/28	1.0	1.0	22
MORSOY RT5307N	55.8	▪	▪	9/24	2.5	1.0	27
Legacy LS54-27CRR	55.6	▪	▪	9/24	2.8	1.0	30
FFR 5116	55.3	▪	▪	9/25	1.0	1.0	20
Terral TVX52R028	54.4	▪	▪	9/28	1.0	1.0	24
Terral TVX52R218	51.2	▪	▪	9/28	1.0	1.0	25
Grand mean	63.7	▪	▪	9/29	1.2	1.0	25
LSD (5%)	8.7	▪	▪	2	0.4	ns	▪
C.V. (%)	8.5	▪	▪	2	21.0	▪	▪

Maturity Group V Late (RM 5.6 to 5.9)

Progeny 5706RR	78.1	73.9	▪	10/03	1.0	1.0	27
Delta Grow 5630RR	75.9	69.7	69.7	10/03	1.0	1.0	25
Terral TV59R16	74.9	75.5	▪	10/03	1.0	1.0	29
USG 7582nRR	74.7	76.0	74.5	10/07	1.0	1.0	20
Dyna-Gro 3583	73.5	73.5	73.2	10/07	1.0	1.0	23
Delta Grow 5960RR	73.2	72.4	73.0	10/08	1.0	1.0	26
MORSOY RT5620N	73.2	70.1	71.1	10/01	1.2	1.0	18
ASGROW AG5903	73.1	70.5	71.4	10/02	1.0	1.0	21
Delta Grow 5970RR	72.0	▪	▪	10/03	1.0	1.0	25
USG 75J97	72.0	▪	▪	10/03	1.0	1.0	25
Dyna-Gro 36N57	71.5	73.1	73.5	10/01	1.0	1.0	21
Croplan RC5955	71.1	71.6	▪	10/02	1.0	1.0	27
MORSOY RT5906N	70.2	▪	▪	10/05	1.0	1.0	22
AGS 568RR	69.7	70.7	▪	10/02	1.0	1.0	21
Progeny 5650RR	69.3	69.9	▪	10/03	1.0	1.0	22
Terral TV57R14	69.2	69.6	72.4	10/01	1.2	1.0	22
Terral TVX56R018	68.4	▪	▪	9/28	1.0	1.0	24
AGVENTURE 57D7RR	68.3	73.2	▪	9/28	1.0	1.0	25
AGS 606RR	68.1	▪	▪	10/03	1.0	1.0	24
HBK R5727	67.9	▪	▪	10/01	1.0	1.0	19
Dyna-Gro 33C59	67.4	▪	▪	10/03	1.0	1.0	22

Table 10. Performance of Irrigated, Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Late (RM 5.6 to 5.9) Continued</u>							
Deltapine DP5914RR	66.8	70.3	▪	10/02	1.0	1.0	21
MORSOY RT5903N	66.2	70.0	71.4	10/04	1.0	1.0	26
Deltapine DP5634RR	66.1	65.1	68.4	9/29	1.0	1.0	25
Delta King DK55T6	65.6	68.7	69.5	10/05	1.0	1.0	23
Deltapine DP5915RR	64.8	67.5	70.6	10/03	1.0	1.0	29
Terral TV57R16	64.3	66.7	▪	10/03	1.3	1.0	21
Delta Grow 5830RR	62.4	66.3	69.6	10/03	1.0	1.0	20
Dyna-Gro SX06856	62.0	▪	▪	9/28	1.0	1.0	18
ASGROW AG5905	61.3	64.4	69.2	10/02	1.0	1.0	22
Dyna-Gro 34J56	60.7	65.2	▪	10/02	1.0	1.0	29
USG ALLEN	60.7	64.3	▪	10/03	1.0	1.0	23
ASGROW AG5605	59.9	65.7	68.4	10/02	1.0	1.0	20
HBK R5825	58.5	63.5	66.6	10/07	1.0	1.0	21
Legacy LS57-26CRR	58.2	▪	▪	9/28	1.0	1.0	23
Grand mean	68.0	▪	▪	10/03	1.0	1.0	23
LSD (5%)	9.1	▪	▪	3	0.1	ns	▪
C.V. (%)	8.2	▪	▪	2	8.2	▪	▪

Soil Series	Crowley silt loam	
Previous Crop	Soybean	
Row Width	32 inches	
Fertilizer Applied	0-81-50, 4/30	
Planting Date	5/21/07	
Herbicide Application(s)	Dual Magnum + Scepter, 5/20; Glyphosate + Flexstar, 6/21; Fusilade, 7/9	
Fungicide Applications(s)	Quadris + TOPGUARD, 8/02, 8/21	
Irrigation Dates	7/27, 80/3, 8/10, 8/18, 8/27, 9/03, 9/10, 9/17, 9/23, 9/30	
Harvest Dates	MG 4E	10/02
	MG 4L	10/03
	MG 5E	10/29
	MG 5L	10/30

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	3.2	2.8	2.7	4.9	0.1	4.3	18.0
Average	5.6	4.7	3.6	3.4	2.8	4.1	24.2
Departure	-2.4	-1.9	-0.9	1.5	-2.7	0.2	- 6.2

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Early Cultivars (RM 4.0 to 4.6)							
Dyna-Gro 33Y45	66.8	▪	▪ ¹	9/19	1.0	1.0	27
Dyna-Gro 37F46	64.7	62.1	▪	9/16	1.0	1.0	32
Delta Grow 4660RR	64.6	63.1	▪	9/18	1.0	1.0	31
ASGROW AG4604	64.4	▪	▪	9/09	1.0	1.0	32
S04-6013RR	64.1	▪	▪	9/18	1.0	1.0	29
Progeny 4606RR	63.6	67.5	▪	9/22	1.0	1.0	27
USG 7466nRR	63.3	61.3	▪	9/20	1.0	1.0	33
MORSOY RTS4556N	62.7	▪	▪	9/18	1.0	1.0	26
S04-6008RR	62.3	▪	▪	9/20	1.0	1.0	30
Armor X4560	62.0	▪	▪	9/21	1.0	1.0	30
Deltapine DPX4334RR	61.9	▪	▪	9/13	1.0	1.0	29
Progeny 4206RR	61.9	▪	▪	9/11	1.0	1.0	28
MONSANTO EXP 644AR	61.4	▪	▪	9/16	1.0	1.0	28
Schillinger 467RCP	61.4	▪	▪	9/22	1.0	1.0	28
Delta King DK4667	61.0	59.1	▪	9/20	1.0	1.0	34
AGVENTURE 44D4	60.5	53.9	▪	9/14	1.0	1.0	32
Delta Grow 4150RR	60.3	58.1	▪	9/19	1.0	1.0	28
Pioneer 94M30	60.2	▪	▪	9/17	1.0	1.0	26
NK BRAND S46-U6	59.9	57.1	▪	9/23	1.0	1.0	32
ASGROW DKB46-51	59.1	▪	▪	9/11	1.0	1.0	32
Dyna-Gro 37A44	58.9	54.8	▪	9/17	1.0	1.0	29
Schillinger 457RCP	58.8	▪	▪	9/20	1.0	1.0	35
Deltapine DP4450RR	58.4	▪	▪	9/14	1.0	1.0	29
HBK R3824	58.3	57.3	▪	9/13	1.0	1.0	32
Armor X4228	58.2	▪	▪	9/15	1.0	1.0	26
Deltapine DP4112RR/S	58.2	52.2	▪	9/13	1.0	1.0	33
Terral TV46R15	58.1	54.5	▪	9/15	1.0	1.0	29
USG 7440nRR	58.1	54.9	61.3	9/18	1.0	1.0	30
ASGROW AG4605	57.6	▪	▪	9/20	1.0	1.0	24
Deltapine DP4546RR	57.6	56.8	59.6	9/14	1.0	1.0	31
MPV 4406nRR	57.6	▪	▪	9/14	1.0	1.0	32
Dyna-Gro 32R46	57.5	62.8	▪	9/23	1.0	1.0	27
HBK R4527	57.0	▪	▪	9/20	1.0	1.0	27
Delta Grow 4470RR/STS	56.5	▪	▪	9/19	1.0	1.0	26
Armor X4561	56.4	▪	▪	9/18	1.0	1.0	36
Terral TVX46R018	55.9	▪	▪	9/11	1.0	1.0	35
Armor GP454	55.5	51.9	▪	9/14	1.0	1.0	32
MORSOY RT4485N	55.4	53.3	▪	9/13	1.0	1.0	29
S04-5969RR	55.3	▪	▪	9/14	1.0	1.0	28
Delta Grow 4460RR	55.0	53.0	▪	9/14	1.0	1.0	30
Progeny 4405RR	54.9	▪	▪	9/13	1.0	1.0	31
ASGROW AG4405	54.4	▪	▪	9/17	1.0	1.0	24

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early Cultivars (RM 4.0 to 4.6) Continued</u>							
Deltapine 07-3980RR	52.8	▪	▪	9/10	1.0	1.0	23
MONSANTO EXP 645AR	52.8	▪	▪	9/17	1.0	1.0	27
Progeny 4507RR	52.2	▪	▪	9/17	1.0	1.0	29
S03-051RR	52.2	53.5	▪	9/10	1.0	1.0	32
HBK R3927	51.8	▪	▪	9/14	1.0	1.0	30
ASGROW AG4403	50.4	54.4	59.0	9/17	1.0	1.0	31
Dyna-Gro 35D44	50.1	▪	▪	9/15	1.0	1.0	26
Terral TVX45R118	50.1	▪	▪	9/13	1.0	1.0	31
R02-2847	49.9	▪	▪	9/18	1.0	1.0	25
MORSOY RTS4007N	49.8	▪	▪	9/06	1.0	1.0	27
ASGROW AG4404	48.8	48.1	▪	9/14	1.0	1.0	27
Terral TV45R14	48.6	▪	▪	9/10	1.0	1.0	30
ASGROW AG4103	48.1	▪	▪	9/10	1.0	1.0	23
NK BRAND S45-E5	47.7	▪	▪	9/13	1.0	1.0	29
Terral TV44R27	47.3	47.8	▪	9/14	1.0	1.0	29
Delta King DK4567	47.2	51.2	▪	9/13	1.0	1.0	25
Terral TVX45R018	47.1	▪	▪	9/12	1.0	1.0	31
Pioneer 94M31	44.4	43.2	▪	9/07	1.0	1.0	28
AGVENTURE 46J5NRR	44.2	47.8	▪	9/16	1.0	1.0	23
Pioneer 93M90	44.0	41.7	▪	9/13	1.0	1.0	22
Deltapine 07-3972RR	40.2	▪	▪	9/06	1.0	1.0	27
Grand mean	55.9	▪	▪	9/15	1.0	1.0	29
LSD (5%)	8.9	▪	▪	4	ns	ns	▪
C.V. (%)	9.8	▪	▪	3	▪	▪	▪
<u>Maturity Group IV Late (4.7 to 4.9)</u>							
Deltapine DP4888RR/S	77.9	67.8	▪	9/22	1.0	1.0	29
AGVENTURE 49D6NRR	77.8	69.0	▪	9/28	1.0	1.0	32
Armor X4996	76.0	▪	▪	9/25	1.0	1.0	31
Progeny 4906RR	74.6	70.7	▪	9/23	1.0	1.0	29
USG 7494nRR	74.2	67.4	65.5	9/23	1.0	1.0	24
Armor DK4995	74.1	▪	▪	9/23	1.0	1.0	35
Legacy LS49-57RR	74.1	▪	▪	9/28	1.0	1.0	27
Schillinger JG49	73.3	▪	▪	9/27	1.0	1.0	31
MORSOY RT4802N	73.0	65.3	59.6	9/19	1.0	1.0	28
Deltapine DP4724RR	71.8	63.3	58.2	9/18	1.0	1.0	28
Delta King DK4968	71.4	67.8	▪	9/24	1.0	1.0	29
Terral TV47R17	71.3	65.9	▪	9/22	1.0	1.0	35
Delta Grow 4860RR	71.0	64.3	61.6	9/19	1.0	1.0	30

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Late (4.7 to 4.9) Continued							
AGVENTURE 47G3NRR	70.8	▪	▪	9/21	1.0	1.0	30
Schillinger XP47	69.0	▪	▪	9/23	1.0	1.0	25
Delta Grow 4780RR	68.8	▪	▪	9/18	1.0	1.0	32
Progeny 4949RR	68.1	63.5	56.2	9/26	1.0	1.0	30
Delta King DK4866	67.8	65.7	59.9	9/24	1.0	1.0	25
Dyna-Gro 36Y48	67.7	63.3	63.5	9/27	1.0	1.0	28
Progeny 4706RR	67.7	65.1	▪	9/17	1.0	1.0	26
MPV 4808RR	67.5	▪	▪	9/22	1.0	1.0	32
MORSOY RTS4955N	67.0	61.5	▪	9/27	1.0	1.0	30
Armor 49-V6	66.9	63.0	▪	9/24	1.0	1.0	28
Deltapine 07-4732RR	66.9	▪	▪	9/22	1.0	1.0	26
Terral TV48R14	66.7	62.2	56.8	9/20	1.0	1.3	29
Deltapine DPX4727RR	66.5	▪	▪	9/21	1.0	1.0	31
Delta Grow 4970RR	66.3	59.4	57.2	9/24	1.0	1.0	28
MORSOY RT4707N	65.6	▪	▪	9/20	1.0	1.0	30
Terral TVX48R018	65.6	▪	▪	9/25	1.0	1.0	26
Dyna-Gro 37P49	65.5	62.5	▪	9/20	1.0	1.0	28
Terral TV49R27	65.5	63.4	▪	9/27	1.0	1.0	28
Deltapine DP4919RR/S	65.2	63.2	59.9	9/20	1.0	1.0	32
Schillinger 495RC	65.2	59.6	57.6	9/30	1.0	1.0	27
Deltapine 07-4950RR	64.5	▪	▪	9/28	1.0	1.0	32
ASGROW AG4903	63.5	61.5	57.0	10/02	1.0	1.0	25
Delta Grow 4975LARR	63.4	62.9	▪	9/23	1.0	1.0	27
Delta King XTJ848	63.3	▪	▪	9/22	1.0	1.0	30
Delta King DK4967	63.1	64.2	59.6	9/18	1.0	1.0	25
HBK R4924	62.9	62.2	55.3	9/25	1.0	1.0	29
Dyna-Gro 35Z49	62.6	61.0	54.1	9/26	1.0	1.0	27
Pioneer 94M71	61.4	▪	▪	9/17	1.0	1.0	29
Progeny 4807RR	61.2	▪	▪	9/21	1.0	1.0	28
HBK R4727	61.0	▪	▪	9/20	1.0	1.0	31
Dyna-Gro 38X47	60.9	▪	▪	9/22	1.0	1.0	28
HBK R4724	60.9	57.7	56.1	9/20	1.0	1.7	28
MORSOY RT4914N	60.9	61.3	59.1	9/28	1.0	1.0	29
Delta King DK4763	60.7	54.2	52.4	9/18	1.0	1.0	25
Progeny 4804RR	60.5	63.1	61.3	9/22	1.0	1.0	29
Terral TV49R17	60.5	61.2	▪	9/22	1.0	1.0	35
NK BRAND S49-W6	59.9	54.7	▪	9/25	1.0	1.0	26
Terral TVX47R018	59.7	▪	▪	9/27	1.0	1.0	31
ASGROW AG4703	59.3	60.3	59.6	9/18	1.0	1.0	23
MORSOY RTS4706N	57.4	57.1	▪	9/21	1.0	1.0	23
MPV 4905nRR	57.4	60.1	57.8	9/24	1.0	1.0	30
Terral TVX47R118	57.3	▪	▪	9/24	1.0	1.0	24
NK BRAND S49-H7	57.2	52.6	▪	9/24	1.0	1.0	25

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
Armor X4717	56.7	▪	▪	9/26	1.0	1.0	25
Legacy LS47-57NRR	56.7	▪	▪	9/21	1.0	1.0	29
Pioneer 94M80	56.4	60.0	54.5	9/17	1.0	1.0	26
USG 74F78	56.1	▪	▪	9/22	1.0	1.0	28
R02-3263RR	55.9	▪	▪	9/24	1.0	1.0	29
R04-1268	54.7	▪	▪	9/28	1.0	1.0	22
Stine 4782-4	54.1	56.2	▪	9/24	1.0	1.0	26
EXCEL 8474NRR	53.7	▪	▪	9/27	1.0	1.0	24
Delta Grow 4770RR	53.5	57.2	▪	9/18	1.0	2.0	27
Armor 47-F8	53.3	58.9	▪	9/22	1.0	1.0	26
Pioneer 94B73	53.1	53.2	46.7	9/17	1.0	1.0	30
Progeny 4817RR	51.7	▪	▪	9/18	1.0	2.0	27
Delta King XTJ847	51.2	▪	▪	9/24	1.0	1.0	23
Delta Grow 4840RR	51.1	53.2	53.9	9/22	1.0	1.0	27
MORSOY RT4806N	48.8	55.0	▪	9/18	1.0	1.0	27
Delta Grow 4960RR	44.9	49.4	46.6	9/24	1.0	1.0	22
TN03-12RR	43.2	▪	▪	9/25	1.0	1.0	17
Grand mean	63.0	▪	▪	9/23	1.0	1.0	28
LSD (5%)	10.3	▪	▪	3	ns	0.2	▪
C.V. (%)	10.2	▪	▪	2	▪	9.2	▪
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
HBK R5425	74.8	67.8	▪	10/05	1.0	1.0	27
HBK R5525	72.2	71.6	63.0	10/02	1.0	1.0	24
Deltapine DP5115RR/S	71.7	69.4	63.0	9/28	1.0	1.0	30
Armor 52-U2	71.2	▪	▪	9/30	1.0	1.0	19
Delta King DK5068	69.5	67.5	▪	9/28	1.0	1.0	24
Pioneer 95M50	69.5	65.5	62.3	10/04	1.0	1.0	20
Dyna-Gro 33B52	69.4	64.0	62.6	10/03	1.0	1.0	22
Terral TV55R15	68.7	69.3	63.8	10/04	1.0	1.0	24
Dyna-Gro 39F51	65.9	▪	▪	9/27	1.0	1.0	26
HBK R5226	65.7	70.2	▪	10/04	1.0	1.0	16
Terral TVX53R018	65.2	▪	▪	10/02	1.0	1.0	20
Eagle Seed ESXVT 155RR	64.5	70.2	▪	9/28	1.0	1.0	22
Progeny 5407RR	64.3	▪	▪	10/02	1.0	1.0	26
Progeny 5115RR	64.1	59.3	57.3	9/28	1.0	1.0	32
ASGROW AG5501	63.3	59.6	59.4	9/30	1.0	1.0	20
Delta King DK52K6	63.2	65.3	61.8	10/02	1.0	1.0	15
Dyna-Gro 33X55	62.8	64.0	59.5	10/01	1.0	1.0	17

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Early (RM 5.0 to 5.5) Continued							
FFR 5663	62.2	65.4	61.5	9/29	1.0	1.0	20
Delta King DK5366	61.2	70.1	66.9	10/04	1.0	1.0	17
Eagle Seed ESXVT 110RR	60.9	60.1	59.4	10/02	1.0	1.0	17
Delta King DK5567	60.8	70.4	66.1	10/03	1.0	1.0	16
Terral TVX53R028	60.7	▪	▪	10/04	1.0	1.0	19
Schillinger 557RC	60.2	▪	▪	10/03	1.0	1.0	21
Armor 55-A5	60.0	▪	▪	10/04	1.0	1.0	16
MPV 5408nRR	60.0	▪	▪	10/02	1.0	1.0	19
Delta King DK5368	59.3	62.9	▪	10/02	1.0	1.0	20
USG 7515nRS	59.2	54.9	57.5	9/29	1.0	1.0	25
Delta Grow 5300RR	59.0	47.5	▪	9/28	1.0	1.0	21
MPV 5407nRR	58.8	57.0	▪	10/02	1.0	1.0	29
NK BRAND S52-F2	58.7	57.7	▪	10/01	1.0	1.0	19
Armor 53-Z5	58.5	▪	▪	9/29	1.0	1.0	17
Legacy LS51-57NRR	58.5	▪	▪	9/27	1.0	1.0	19
Progeny 5107RR	58.5	▪	▪	10/01	1.0	1.0	23
Pioneer 95M30	58.2	59.0	▪	9/29	1.0	1.0	18
Armor GP-533	57.9	64.5	▪	9/29	1.0	1.0	21
Croplan RC5437	57.6	▪	▪	9/30	1.0	1.0	16
Terral TVX52R018	57.5	▪	▪	10/01	1.0	1.0	29
Delta Grow 5555RR	56.3	▪	▪	10/04	1.0	1.0	22
AGVENTURE 53D3NRR	56.0	▪	▪	9/27	1.0	1.0	23
Deltapine DP5335RR/S	55.9	▪	▪	9/27	1.0	1.0	25
Armor GP-500	55.7	▪	▪	9/26	1.0	1.0	21
Dyna-Gro 32A53	55.5	60.8	▪	10/02	1.0	1.0	19
Eagle Seed ESXVT 16RR	55.4	57.8	▪	10/03	1.0	1.0	20
Delta Grow 5570RR	55.2	▪	▪	10/05	1.0	1.0	23
Terral TVX53R118	55.1	▪	▪	10/01	1.0	1.0	23
Stine 5482-4	55.0	▪	▪	10/04	1.0	1.0	17
Delta King DK5066	54.8	56.0	57.1	9/28	1.0	1.0	21
Delta King DK5161	54.5	60.4	58.4	10/02	1.0	1.0	17
Delta Grow 5470RR	54.3	49.8	▪	9/30	1.0	1.0	21
Delta Grow 5160RR/STS	54.2	56.8	56.0	9/30	1.0	1.0	16
Terral TVX52R218	53.9	▪	▪	9/29	1.0	1.0	15
Delta Grow 5270RR	53.2	▪	▪	9/27	1.0	1.0	26
Terral TV52R14	52.5	51.3	49.8	9/27	1.0	1.0	19
USG 75J17	52.5	▪	▪	9/28	1.0	1.0	28
Delta Grow 5450RR	52.3	▪	▪	10/05	1.0	1.0	17
R01-4834RR	51.6	56.2	51.7	10/04	1.0	1.0	17
Croplan RC5555	51.4	51.7	49.4	10/01	1.0	1.0	18
MPV 5308nRR	51.4	58.0	▪	9/27	1.0	1.0	23

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
AGVENTURE 52P2NRR	51.2	▪	▪	10/02	1.0	1.0	14
Dyna-Gro 31R54	51.2	▪	▪	10/02	1.0	1.0	17
Legacy LS54-27CRR	51.1	▪	▪	9/30	1.0	1.0	19
HBK RS5227	50.9	▪	▪	9/27	1.0	1.0	17
USG 75J47	50.7	▪	▪	10/01	1.0	1.0	16
Progeny 5250RR	50.6	▪	▪	9/29	1.0	1.0	17
MORSOY RT5307N	50.0	▪	▪	9/30	1.0	1.0	17
AGVENTURE 50D2RR	49.9	47.6	▪	9/30	1.0	1.0	27
Terral TVX52R028	49.3	▪	▪	9/28	1.0	1.0	18
MORSOY RT5107N	49.2	▪	▪	9/28	1.0	1.0	22
R04-1276RR	49.2	▪	▪	10/04	1.0	1.0	20
Terral TVX54R018	46.9	▪	▪	10/02	1.0	1.0	15
Progeny 5207RR	46.7	▪	▪	9/27	1.0	1.0	22
USG 7553nRS	46.6	58.3	57.2	9/30	1.0	1.0	16
MORSOY RT5407N	46.3	▪	▪	10/01	1.0	1.0	15
MORSOY RT5306N	45.6	56.2	▪	9/25	1.0	1.0	22
Dyna-Gro 33P54	45.0	▪	▪	10/03	1.0	1.0	13
Progeny 5307RR	44.1	▪	▪	9/30	1.0	1.0	26
ASGROW AG5301	44.0	55.9	57.1	9/28	1.0	1.0	16
FFR 5116	43.6	▪	▪	9/27	1.0	1.0	20
Delta King XTJ 851	43.1	▪	▪	10/04	1.0	1.0	17
MPV 5505nRR	42.9	53.5	52.6	9/28	1.0	1.0	16
Progeny 5507RR	40.9	▪	▪	9/30	1.0	1.0	17
Terral TVX52R128	38.9	▪	▪	9/30	1.0	1.0	19
MORSOY RT5506N	36.8	47.2	▪	9/30	1.0	1.0	16
Grand mean	55.8	▪	▪	9/30	1.0	1.0	20
LSD (5%)	9.8	▪	▪	2	ns	ns	▪
C.V. (%)	10.9	▪	▪	2	▪	▪	▪

Maturity Group V Late (RM 5.6 to 5.9)

Delta Grow 5970RR	75.9	▪	▪	10/04	1.0	1.0	21
ASGROW AG5905	73.9	68.7	61.1	10/02	1.0	1.0	20
Croplan RC5955	70.7	69.2	▪	10/04	1.0	1.0	21
R04-1250	69.9	▪	▪	10/01	1.0	1.0	17
Progeny 5650RR	68.3	68.6	▪	10/04	1.0	1.0	21
USG 7582nRR	67.5	65.3	61.0	10/05	1.0	1.0	16
Progeny 5706RR	67.2	70.2	▪	10/02	1.0	1.0	19
MORSOY RT5620N	64.1	65.7	64.0	10/01	1.0	1.0	18
ASGROW AG5605	63.7	66.8	64.9	9/29	1.0	1.0	18

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Late (RM 5.6 to 5.9) Continued							
Terral TV57R16	63.2	63.1	▪	10/01	1.0	1.0	24
Delta Grow 5830RR	62.9	68.9	59.7	10/03	1.0	1.0	22
Dyna-Gro 33C59	62.8	▪	▪	10/04	1.0	1.0	19
HBK R5727	62.7	▪	▪	10/01	1.0	1.0	21
MORSOY RT5906N	62.4	▪	▪	10/04	1.0	1.0	22
Terral TV57R14	62.2	60.3	59.5	9/28	1.0	1.0	22
Deltapine DP5915RR	61.5	58.0	58.0	10/02	1.0	1.0	20
Deltapine DP5634RR	60.8	65.0	62.8	9/29	1.0	1.0	20
Deltapine DP5914RR	60.1	57.1	▪	10/01	1.0	1.0	19
Terral TV59R16	60.1	63.5	▪	10/04	1.0	1.0	20
Dyna-Gro 36N57	59.8	62.2	60.5	9/28	1.0	1.0	18
USG 75J97	57.9	▪	▪	10/04	1.0	1.0	21
Delta King DK55T6	57.8	63.2	60.4	10/04	1.0	1.0	21
MORSOY RT5903N	57.8	63.5	61.0	10/04	1.0	1.0	20
Terral TVX56R018	56.8	▪	▪	9/28	1.0	1.0	23
ASGROW AG5903	55.1	58.2	60.2	10/02	1.0	1.0	21
USG ALLEN	54.5	58.6	▪	10/04	1.0	1.0	21
Dyna-Gro 3583	54.4	59.6	58.3	10/04	1.0	1.0	18
AGS 568RR	52.8	57.1	▪	10/01	1.0	1.0	22
AGVENTURE 57D7RR	52.0	60.0	▪	9/28	1.0	1.0	19
Dyna-Gro 34J56	51.5	63.5	▪	10/01	1.0	1.0	23
Delta Grow 5960RR	51.1	59.6	55.7	10/05	1.0	1.0	22
HBK R5825	51.1	56.5	55.1	10/05	1.0	1.0	16
Delta Grow 5630RR	50.7	59.4	59.2	10/04	1.0	1.0	20
AGS 606RR	50.0	▪	▪	10/04	1.0	1.0	24
Dyna-Gro SX06856	40.9	▪	▪	9/30	1.0	1.0	16
Legacy LS57-26CRR	38.9	▪	▪	9/29	1.0	1.0	17
Grand mean	59.3	▪	▪	10/02	1.0	1.0	20
LSD (5%)	9.7	▪	▪	2	ns	ns	▪
C.V. (%)	10.1	▪	▪	1	▪	▪	▪

¹ Average yield for 2004, 2006 and 2007.

Table 11. Performance of Irrigated, Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007, Continued.

Soil Series	Sharkey clay	
Previous Crop	Soybean	
Row Width	19 inches	
Fertilizer Applied	None	
Planting Date	5/19	
Herbicide Application(s)	Glyphosate + Flexstar, 6/01; Glyphosate, 6/26; Glyphosate, 7/20	
Fungicide Application(s)	Quadris, 8/01; Quilt 9/14	
Insecticide Application(s)	Karate Z, 8/01; Karate Z + Intrepid, 9/07	
Irrigation Dates	6/13, 7/25, 8/03, 8/14, 8/21, 8/28	
Harvest Dates	MG 4E	10/01
	MG 4L	10/11
	MG 5E	10/12
	MG 5L	10/12

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.6	3.9	5.2	5.2	0.3	3.5	22.7
Average	5.0	4.7	3.5	3.9	2.7	3.1	22.9
Departure	-0.4	-0.8	1.7	1.3	-2.4	0.4	-0.2

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Early Cultivars (RM 5.0 to 5.5)							
MPV 5505nRR	69.2	62.4	▪	10/15	1.0	1.0	34
Armor 55-A5	67.8	▪	▪	10/19	1.0	1.0	29
Progeny 5507RR	66.7	▪	▪	10/14	1.0	1.0	28
Stine 5482-4	64.4	▪	▪	10/12	1.0	1.0	37
Terral TVX54R018	64.1	▪	▪	10/12	1.0	1.0	25
Delta King DK5068	62.9	▪	▪	10/16	1.0	1.0	42
Armor GP-533	62.5	50.8	▪	10/17	1.0	1.0	37
Schillinger 557RC	62.2	▪	▪	10/13	1.0	1.0	32
MORSOY RT5506N	62.1	56.1	▪	10/16	1.0	1.0	29
Terral TV55R15	62.0	55.4	54.1	10/16	1.0	1.0	39
USG 7553nRS	62.0	58.9	58.5	10/16	1.0	1.0	33
Delta Grow 5555RR	61.6	▪	▪	10/16	1.0	1.0	44
Progeny 5115RR	61.6	51.4	49.7	10/17	1.0	1.0	44
Delta Grow 5450RR	61.3	▪	▪	10/22	1.0	1.0	32
NK BRAND S52-F2	61.3	56.6	▪	10/10	1.0	1.0	30
Delta King DK52K6	61.2	55.2	54.2	10/17	1.0	1.0	36
MORSOY RT5107N	60.9	▪	▪	10/12	1.0	1.0	44
Delta Grow 5300RR	60.8	54.5	▪	10/11	1.0	1.0	34
Delta Grow 5470RR	60.6	53.9	▪	10/21	1.0	1.0	40
Delta King DK5567	60.6	57.3	54.8	10/18	1.3	1.0	32
Progeny 5207RR	60.1	▪	▪	10/12	1.0	1.0	41
FFR 5116	60.0	▪	▪	10/12	1.0	1.0	35
Pioneer 95M50	60.0	57.1	53.8	10/14	1.0	1.0	35
Delta King DK5066	59.9	51.5	49.5	10/12	1.0	1.0	40
Croplan RC5555	59.8	54.5	52.4	10/16	1.0	1.0	34
HBK R5525	59.5	50.5	50.6	10/16	1.0	1.0	39
Dyna-Gro 39F51	59.2	▪	▪	10/12	1.0	1.0	39
Dyna-Gro 33P54	58.9	▪	▪	10/15	1.0	1.0	25
HBK RS5227	58.8	▪	▪	10/16	1.0	1.0	33
Armor 52-U2	58.7	▪	▪	10/09	1.0	1.0	31
Progeny 5250RR	58.6	▪	▪	10/22	1.0	1.0	32
R01-4834RR	58.6	54.4	52.6	10/20	1.0	1.0	35
Armor GP-500	58.2	▪	▪	10/08	1.0	1.0	30
MORSOY RT5306N	58.0	50.7	▪	10/16	1.0	1.0	34
MPV 5308nRR	58.0	53.6	▪	10/16	1.0	1.0	35
USG 75J17	58.0	▪	▪	10/11	1.0	1.0	42
USG 75J47	57.9	▪	▪	10/15	1.0	1.0	30
AGVENTURE 53D3NRR	57.8	▪	▪	10/13	1.0	1.0	37
FFR 5663	57.8	53.8	52.5	10/17	1.0	1.0	31
Dyna-Gro 33X55	57.7	49.7	49.6	10/16	1.0	1.0	33
MORSOY RT5407N	57.7	▪	▪	10/13	1.0	1.0	30
Delta Grow 5160RR/STS	57.6	51.2	49.9	10/16	1.3	1.0	41
Legacy LS54-27CRR	57.6	▪	▪	10/15	1.7	1.0	41
Progeny 5307RR	57.4	▪	▪	10/14	1.7	1.0	44

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable

Substation, Kibler, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early Cultivars (RM 5.0 to 5.5) Continued</u>							
Legacy LS51-57NRR	57.3	▪	▪	10/11	1.0	1.0	38
Delta Grow 5270RR	56.8	▪	▪	10/11	1.0	1.0	43
MPV 5407nRR	56.8	51.2	▪	10/22	1.0	1.0	49
HBK R5226	56.7	50.4	▪	10/14	2.3	1.0	34
Croplan RC5437	56.6	▪	▪	10/18	1.0	1.0	37
Terral TV52R14	56.4	52.2	49.8	10/15	1.0	1.0	32
AGVENTURE 52P2NRR	56.2	▪	▪	10/15	1.7	1.0	31
Delta King DK5161	55.9	51.1	48.3	10/13	3.3	1.0	31
R04-1276RR	55.5	▪	▪	10/18	1.0	1.0	35
Deltapine DP5115RR/S	55.4	48.6	▪	10/20	1.0	1.0	50
Progeny 5407RR	55.3	▪	▪	10/23	1.0	1.0	46
Terral TVX52R018	55.3	▪	▪	10/12	1.7	1.0	43
ASGROW AG5501	55.2	50.5	49.4	10/17	1.0	1.0	35
Delta King DK5366	55.2	53.3	51.7	10/19	1.3	1.0	34
Progeny 5107RR	55.1	▪	▪	10/16	1.0	1.0	39
Dyna-Gro 31R54	55.0	▪	▪	10/18	1.0	1.0	30
Dyna-Gro 32A53	54.4	50.0	▪	10/10	1.7	1.0	28
Delta King DK5368	54.0	49.8	▪	10/13	1.0	1.0	31
USG 7515nRS	54.0	49.6	48.8	10/13	1.7	1.0	41
Delta King XTJ 851	53.9	▪	▪	10/15	1.0	1.0	38
MORSOY RT5307N	53.6	▪	▪	10/16	1.3	1.0	43
Pioneer 95M30	53.5	50.2	▪	10/10	1.0	1.0	33
Dyna-Gro 33B52	53.4	53.5	52.8	10/16	2.3	1.0	32
AGVENTURE 50D2RR	53.1	47.2	▪	10/13	1.0	1.0	39
Terral TVX53R118	53.1	▪	▪	10/11	1.0	1.0	33
Deltapine DP5335RR/S	52.8	▪	▪	10/21	1.0	1.0	40
Terral TVX53R028	52.7	▪	▪	10/15	1.0	1.0	32
Terral TVX52R128	51.6	▪	▪	10/12	1.0	1.0	41
Terral TVX53R018	51.6	▪	▪	10/15	1.7	1.0	34
Delta Grow 5570RR	51.4	▪	▪	10/17	1.0	1.0	36
ASGROW AG5301	51.3	45.5	46.7	10/15	1.0	1.0	33
MPV 5408nRR	50.7	▪	▪	10/11	1.3	1.0	33
Terral TVX52R028	50.0	▪	▪	10/11	1.0	1.0	37
Terral TVX52R218	49.2	▪	▪	10/09	1.0	1.0	34
HBK R5425	48.5	44.5	▪	10/22	1.0	1.0	46
Grand mean	57.6	▪	▪	10/15	1.1	1.0	36
LSD (5%)	5.5	▪	▪	4	0.4	ns	▪
C.V. (%)	6.0	▪	▪	2	21.8	▪	▪

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
ASGROW AG5903	68.6	66.1	62.3	10/19	1.0	1.0	34
ASGROW AG5605	68.2	67.6	64.0	10/17	1.0	1.0	28
Delta King DK55T6	64.5	63.3	57.3	10/18	1.0	1.0	33
AGVENTURE 57D7RR	63.1	61.2	▪	10/16	1.0	1.0	29
Progeny 5650RR	63.0	63.1	▪	10/20	1.3	1.0	33
Dyna-Gro 33C59	62.3	▪	▪	10/22	1.0	1.0	29
HBK R5727	62.1	▪	▪	10/16	1.0	1.0	33
Terral TV59R16	62.0	65.7	▪	10/21	1.0	1.0	32
ASGROW AG5905	61.7	62.7	57.4	10/21	1.0	1.0	38
MORSOY RT5620N	61.7	59.8	55.2	10/19	1.7	1.0	34
Delta Grow 5830RR	61.4	60.4	56.4	10/22	1.0	1.0	31
Dyna-Gro SX06856	61.2	▪	▪	10/12	1.0	1.0	31
Dyna-Gro 36N57	60.6	61.0	57.5	10/18	1.0	1.0	30
MORSOY RT5903N	60.4	62.3	59.7	10/19	1.0	1.0	32
Deltapine DP5915RR	59.8	58.2	55.8	10/22	1.0	1.0	33
USG ALLEN	59.7	59.8	▪	10/22	1.0	1.0	33
Deltapine DP5634RR	59.3	60.0	56.6	10/16	1.0	1.0	36
MORSOY RT5906N	59.1	▪	▪	10/23	1.0	1.0	37
USG 7582nRR	58.8	61.6	58.0	10/19	1.0	1.0	30
Dyna-Gro 3583	58.7	60.2	56.6	10/18	1.0	1.0	32
Progeny 5706RR	58.6	61.5	▪	10/23	1.0	1.0	38
Dyna-Gro 34J56	58.4	60.2	▪	10/15	1.3	1.0	38
Deltapine DP5914RR	57.7	59.3	▪	10/18	1.0	1.0	32
Delta Grow 5960RR	57.6	58.3	57.5	10/19	1.0	1.0	35
AGS 568RR	57.2	61.6	▪	10/17	1.0	1.0	35
Delta Grow 5970RR	56.9	▪	▪	10/22	1.0	1.0	37
Croplan RC5955	56.6	58.3	▪	10/21	1.7	1.0	38
Legacy LS57-26CRR	56.2	▪	▪	10/09	1.0	1.0	27
USG 75J97	56.2	▪	▪	10/23	1.0	1.0	37
Delta Grow 5630RR	56.0	59.6	55.3	10/19	1.0	1.0	36
Terral TV57R16	55.6	54.8	▪	10/18	1.0	1.0	35
AGS 606RR	55.5	▪	▪	10/20	1.0	1.0	32
HBK R5825	54.5	54.9	53.2	10/18	1.0	1.0	31
Terral TVX56R018	53.8	▪	▪	10/10	1.0	1.0	36
Terral TV57R14	52.9	56.1	53.7	10/17	1.0	1.0	31
Grand mean	59.4	▪	▪	10/19	1.1	1.0	33
LSD (5%)	6.1	▪	▪	3	0.3	ns	▪
C.V. (%)	6.3	▪	▪	2	18.3	▪	▪

Table 12. Performance of Irrigated, Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2007, Continued.

Soil Series	Roxanna silt loam
Previous Crop	Soybean
Row Width	36 inches
Fertilizer Applied	None
Planting Date	6/05
Herbicide Application(s)	Pursuit + Dual Magnum, 6/5; Glyphosate, 7/16;
Fungicide Application(s)	Quadris + Folicur, 7/31, 8/21, 9/14
Insecticide Application(s)	None
Irrigation Dates	6/06, 7/25, 8/01, 8/08, 8/15, 8/29
Harvest Dates	MG 5E 11/05 MG 5L 11/05

	<u>Precipitation (inches)</u>					
	June	July	August	September	October	Total
2007	3.5	4.0	1.3	6.2	6.7	21.7
Average	5.6	1.3	2.2	4.8	3.1	17.0
Departure	-2.1	2.7	-0.9	1.4	3.6	4.7

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Early (RM 4.0 to 4.6)							
Progeny 4507RR	72.1	▪	▪	10/03	1.0	1.0	33
NK BRAND S46-U6	69.4	▪	▪	10/03	1.0	1.0	38
MORSOY RT4485N	67.3	59.7	▪	9/27	1.7	1.0	35
Schillinger 467RCP	67.1	▪	▪	9/30	1.3	1.0	33
MONSANTO EXP 644AR	65.9	▪	▪	9/29	1.3	1.0	35
Delta King DK4567	65.5	▪	▪	10/02	1.0	1.0	34
Dyna-Gro 32R46	63.5	▪	▪	10/08	1.0	1.0	33
MPV 4406nRR	63.1	▪	▪	9/29	1.7	1.0	39
ASGROW AG4405	60.6	▪	▪	9/29	1.0	1.0	34
ASGROW DKB46-51	60.5	▪	▪	9/29	1.7	1.0	37
Dyna-Gro 33Y45	60.4	▪	▪	10/02	1.0	1.0	35
ASGROW AG4403	60.0	56.6	54	9/28	1.0	1.0	36
USG 7440nRR	59.7	56.8	55.3	9/30	1.0	1.3	33
Deltapine 07-3980RR	59.6	▪	▪	9/28	2.3	1.0	35
S04-5969RR	58.9	▪	▪	9/28	1.0	1.0	36
ASGROW AG4604	58.4	▪	▪	9/28	2.7	1.3	40
Delta Grow 4460RR	58.4	57.9	▪	10/02	1.3	1.0	41
MONSANTO EXP 645AR	58.4	▪	▪	9/30	1.0	1.0	34
MORSOY RTS4556N	57.9	▪	▪	10/02	1.3	1.3	34
Pioneer 93M90	57.9	53.1	▪	9/29	1.0	1.0	35
NK BRAND S45-E5	57.6	▪	▪	9/29	1.7	1.0	39
Delta Grow 4470RR/STS	57.5	▪	▪	9/29	1.0	1.3	34
Deltapine DP4450RR	57.5	▪	▪	9/27	1.0	1.3	40
Schillinger 457RCP	57.5	▪	▪	10/03	1.3	1.0	42
ASGROW AG4103	57.4	▪	▪	9/29	2.0	1.3	35
Deltapine DPX4334RR	56.7	▪	▪	9/26	1.7	1.3	41
Terral TV44R27	56.5	▪	▪	9/29	1.3	1.3	37
Terral TVX46R018	56.5	▪	▪	9/30	1.0	1.0	35
S04-6008RR	56.4	▪	▪	10/02	1.0	1.0	38
Pioneer 94M31	56.1	▪	▪	9/27	2.0	1.0	36
Progeny 4606RR	55.6	▪	▪	10/04	1.0	1.0	33
AGVENTURE 44D4	55.3	▪	▪	9/29	2.0	1.3	42
ASGROW AG4404	55.3	55.2	▪	9/26	1.3	1.0	40
Terral TVX45R018	55.2	▪	▪	9/28	1.0	1.7	37
HBK R4527	55.1	▪	▪	10/02	1.3	1.0	42
Dyna-Gro 37A44	54.1	56.6	▪	10/03	1.0	1.3	38
S04-6013RR	54.0	▪	▪	9/29	1.0	1.0	32
ASGROW AG4605	53.8	▪	▪	9/30	1.3	1.0	34
Deltapine DP4112RR/S	53.8	▪	▪	9/24	3.7	1.3	41
Deltapine DP4546RR	53.7	51.9	▪	9/28	2.3	1.3	40
Progeny 4206RR	53.4	▪	▪	9/27	1.0	1.3	40

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Early (RM 4.0 to 4.6) Continued</u>							
Terral TVX45R118	52.9	▪	▪	9/27	1.7	1.3	38
Dyna-Gro 37F46	51.9	51.2	▪	10/01	3.7	1.0	43
Delta Grow 4150RR	51.7	54.7	▪	10/01	1.3	1.0	33
Progeny 4405RR	51.2	▪	▪	10/03	1.0	1.0	38
Armor GP454	50.6	▪	▪	9/28	1.7	1.7	41
Delta Grow 4660RR	50.3	50.6	▪	10/06	2.7	1.0	39
HBK R3824	50.3	40.5	▪	9/29	2.0	1.0	38
AGVENTURE 46J5NRR	50.0	▪	▪	9/29	1.0	1.3	27
Pioneer 94M30	49.4	▪	▪	10/05	1.0	1.0	38
Terral TV46R15	49.4	▪	▪	9/30	1.7	1.0	39
S03-051RR	48.5	▪	▪	10/03	1.0	1.3	37
Delta King DK4667	47.9	52.5	▪	10/04	4.0	1.0	40
Deltapine 07-3972RR	47.7	▪	▪	9/23	1.7	1.0	35
Terral TV45R14	47.0	▪	▪	9/28	2.0	1.3	41
USG 7466nRR	46.5	48.8	▪	9/30	3.0	1.0	42
Dyna-Gro 35D44	44.5	▪	▪	9/30	1.0	1.0	31
HBK R3927	43.6	▪	▪	9/28	3.3	1.0	44
MORSOY RTS4007N	43.6	▪	▪	9/22	2.0	2.0	28
Grand mean	55.8	▪	▪	9/30	1.6	1.1	37
LSD (5%)	10.4	▪	▪	4	1.0	0.6	▪
C.V. (%)	11.5	▪	▪	2	40.3	34.7	▪
<u>Maturity Group IV Late (4.7 to 4.9)</u>							
EXCEL 8474NRR	72.5	▪	▪	10/10	1.3	1.0	34
ASGROW AG4903	69.5	65.4	▪	10/08	1.0	1.0	35
MPV 4808RR	68.3	▪	▪	10/06	2.0	1.0	44
Deltapine DPX4727RR	68.0	▪	▪	10/09	3.3	1.0	37
Progeny 4906RR	68.0	▪	▪	10/13	1.0	1.0	36
Delta King DK4967	66.8	63.5	57.2	10/04	1.0	1.3	35
Deltapine 07-4950RR	66.6	▪	▪	10/08	1.0	1.0	39
Progeny 4949RR	66.3	61.8	61.9	10/06	1.0	1.0	37
Delta Grow 4780RR	66.2	▪	▪	10/08	1.0	1.0	35
Armor 49-V6	65.9	▪	▪	10/07	1.7	1.0	39
MORSOY RTS4955N	64.9	61.8	▪	10/12	1.0	1.0	37
Delta Grow 4860RR	64.8	62.9	53.1	10/05	2.3	1.0	34
Stine 4782-4	64.8	▪	▪	10/07	1.0	1.0	35
Schillinger 495RC	64.7	61.5	▪	10/12	1.0	1.0	35
AGVENTURE 49D6NRR	64.5	▪	▪	10/08	2.3	1.0	39
Delta King XTJ848	64.3	▪	▪	10/04	2.0	1.0	39
Delta King DK4866	64.2	64.3	▪	10/05	1.0	1.0	35
Terral TV48R14	64.2	61.0	▪	10/13	1.0	1.0	39

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group IV Late (4.7 to 4.9) Continued							
HBK R4724	64.1	60.4	▪	10/06	2.3	2.3	46
Deltapine 07-4732RR	64.0	▪	▪	10/10	1.0	1.0	35
Dyna-Gro 35Z49	63.9	60.9	▪	10/09	3.3	1.0	45
Pioneer 94M80	63.7	62.5	▪	10/05	3.3	1.0	38
Delta King DK4968	63.1	▪	▪	10/06	2.3	1.0	40
Dyna-Gro 36Y48	62.8	60.0	▪	10/08	2.7	1.0	40
Delta Grow 4975LARR	62.7	▪	▪	10/12	1.0	1.0	34
USG 7494nRR	62.7	58.6	▪	10/05	1.0	1.0	38
Deltapine DP4919RR/S	62.6	▪	▪	10/10	1.0	1.0	36
ASGROW AG4703	62.4	58.9	▪	10/05	1.0	1.0	36
Legacy LS49-57RR	62.3	▪	▪	10/09	1.0	1.0	37
Schillinger XP47	62.2	▪	▪	10/03	1.0	1.0	34
Deltapine DP4724RR	62.0	57.3	57.8	10/04	4.0	1.0	39
Progeny 4804RR	61.5	59.2	▪	10/07	2.3	1.0	36
Dyna-Gro 37P49	61.3	▪	▪	10/07	1.0	1.0	37
Legacy LS47-57NRR	61.3	▪	▪	10/07	1.0	1.0	36
HBK R4727	60.9	▪	▪	10/07	1.0	1.0	37
Delta King DK4763	60.8	60.4	▪	10/05	2.0	1.0	37
NK BRAND S49-W6	60.7	▪	▪	10/10	1.0	1.0	38
R02-3263RR	60.4	▪	▪	10/06	2.0	1.0	40
Armor 47-F8	60.1	▪	▪	10/06	1.0	1.0	32
Delta Grow 4770RR	59.8	▪	▪	10/05	1.0	1.0	38
NK BRAND S49-H7	59.5	▪	▪	10/07	1.3	1.0	35
Terral TV49R27	59.3	▪	▪	10/10	2.3	1.0	40
Delta Grow 4970RR	59.2	58.7	▪	10/10	2.0	1.0	36
MORSOY RTS4706N	58.8	▪	▪	10/05	1.0	1.0	34
Dyna-Gro 38X47	58.6	▪	▪	10/03	3.7	1.0	34
MORSOY RT4802N	58.3	56.1	53.2	10/06	3.0	1.0	38
HBK R4924	58.2	56.4	▪	10/08	2.3	1.0	46
Terral TVX47R118	57.7	▪	▪	10/05	1.0	2.0	35
MORSOY RT4806N	57.2	▪	▪	10/04	1.7	1.0	40
Delta Grow 4840RR	57.0	58.5	▪	10/07	4.0	1.0	39
Delta King XTJ847	57.0	▪	▪	10/05	1.0	1.0	35
Deltapine DP4888RR/S	57.0	▪	▪	10/06	3.3	1.0	42
AGVENTURE 47G3NRR	55.8	▪	▪	10/08	1.0	1.0	36
USG 74F78	55.7	▪	▪	10/05	1.0	1.0	35
MORSOY RT4914N	55.3	56.6	▪	10/05	2.3	1.7	35
Progeny 4706RR	55.2	▪	▪	10/04	1.0	1.0	36
Terral TVX47R018	55.0	▪	▪	10/02	3.3	1.0	39
MORSOY RT4707N	54.8	▪	▪	10/10	1.0	1.0	35
Terral TV47R17	54.6	▪	▪	10/09	2.0	1.0	48

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group IV Late (4.7 to 4.9) Continued</u>							
Pioneer 94M71	54.5	▪	▪	10/08	4.0	1.0	43
Progeny 4807RR	54.5	▪	▪	10/07	2.3	1.0	38
Delta Grow 4960RR	52.8	54.3	53.6	10/11	4.3	1.0	40
Terral TVX48R018	52.8	▪	▪	10/06	2.7	1.0	39
Schillinger JG49	51.8	▪	▪	10/06	1.0	1.0	36
Terral TV49R17	51.4	▪	▪	10/09	1.0	1.0	41
MPV 4905nRR	49.9	▪	▪	10/08	1.0	1.0	39
TN03-12RR	48.2	▪	▪	10/06	1.0	1.0	30
Pioneer 94B73	47.5	51.2	47.2	10/03	1.0	1.0	34
Progeny 4817RR	44.6	▪	▪	10/04	1.0	1.0	35
Grand mean	60.2	▪	▪	10/07	1.7	1.0	37
LSD (5%)	9.3	▪	▪	2	0.6	0.3	▪
C.V. (%)	9.7	▪	▪	1	20.7	16.2	▪
<u>Maturity Group V Early (RM 5.0 to 5.5)</u>							
Armor 55-A5	75.7	▪	▪	10/16	1.0	1.0	34
Dyna-Gro 33X55	73.8	67.8	▪	10/24	1.0	1.0	40
Delta King DK52K6	73.3	68.2	▪	10/17	1.0	1.0	41
Stine 5482-4	72.4	▪	▪	10/19	1.0	1.0	37
MPV 5408nRR	71.7	▪	▪	10/19	1.3	1.0	35
FFR 5663	71.4	68.5	▪	10/19	1.7	1.0	35
Schillinger 557RC	70.9	▪	▪	10/22	1.0	1.0	41
Armor GP-533	70.0	▪	▪	10/20	1.0	1.0	37
Armor 52-U2	69.8	▪	▪	10/17	2.0	1.0	34
Terral TVX54R018	69.7	▪	▪	10/23	1.0	1.0	36
USG 7553nRS	69.4	65.3	63.7	10/18	1.0	1.0	43
HBK R5525	69.3	61.3	▪	10/14	2.3	1.0	41
Deltapine DP5335RR/S	69.0	▪	▪	10/14	1.0	1.0	41
R01-4834RR	68.5	65.2	▪	10/23	1.7	1.0	42
Delta King XTJ 851	67.8	▪	▪	10/22	1.0	1.0	42
ASGROW AG5501	67.4	62.9	62.6	10/18	1.0	1.0	42
Delta Grow 5555RR	67.4	▪	▪	10/19	1.3	1.3	45
Dyna-Gro 33P54	67.3	▪	▪	10/24	1.0	1.0	36
Deltapine DP5115RR/S	66.3	▪	▪	10/17	1.0	1.0	37
ASGROW AG5301	66.0	62.1	60.9	10/16	1.3	1.0	35
MPV 5407nRR	65.9	▪	▪	10/23	1.0	1.0	39
USG 75J47	65.9	▪	▪	10/25	1.0	1.0	41
USG 75J17	65.6	▪	▪	10/20	1.0	1.0	44
AGVENTURE 53D3NRR	64.4	▪	▪	10/20	2.3	1.0	34
Delta King DK5368	64.4	▪	▪	10/16	1.3	1.0	40

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Early (RM 5.0 to 5.5) Continued							
HBK R5226	64.2	•	•	10/19	2.0	1.0	41
R04-1276RR	64.1	•	•	10/21	1.0	1.0	45
USG 7515nRS	64.1	59.4	•	10/20	1.3	1.0	37
Delta King DK5068	64.0	•	•	10/22	1.0	1.0	34
Legacy LS51-57NRR	63.8	•	•	10/20	1.0	1.0	36
MPV 5505nRR	63.7	•	•	10/23	1.0	1.0	43
Delta King DK5567	63.6	59.2	•	10/20	1.0	1.0	37
HBK RS5227	63.4	•	•	10/14	1.0	1.0	39
Progeny 5250RR	63.3	•	•	10/19	1.0	1.0	36
Delta Grow 5570RR	63.1	•	•	10/20	1.0	1.0	40
Terral TV55R15	63.0	62.1	•	10/19	1.3	1.0	32
MPV 5308nRR	62.8	•	•	10/19	2.0	1.0	41
HBK R5425	62.5	•	•	10/21	1.0	1.0	50
Armor GP-500	62.3	•	•	10/21	2.0	1.0	43
NK BRAND S52-F2	62.1	•	•	10/19	2.3	1.0	31
Terral TVX53R028	62.0	•	•	10/17	1.0	1.0	38
Delta Grow 5470RR	61.7	•	•	10/23	1.0	1.0	39
Progeny 5207RR	61.6	•	•	10/17	1.0	1.0	46
MORSOY RT5306N	61.5	•	•	10/17	2.0	1.0	32
Progeny 5507RR	61.5	•	•	10/22	1.0	1.0	41
Delta Grow 5300RR	61.4	•	•	10/22	1.0	1.0	38
Progeny 5307RR	61.4	•	•	10/19	2.7	1.0	42
MORSOY RT5107N	61.3	•	•	10/20	1.3	1.0	42
Terral TVX52R218	61.3	•	•	10/18	2.0	1.0	32
Croplan RC5555	60.8	54.9	55.5	10/18	1.3	1.0	48
Pioneer 95M50	60.6	58.5	•	10/17	1.7	1.0	35
Delta Grow 5450RR	60.5	•	•	10/21	1.0	1.0	39
Pioneer 95M30	60.2	•	•	10/17	1.7	1.0	39
Terral TVX53R118	60.1	•	•	10/17	1.7	1.0	42
Delta Grow 5270RR	59.9	•	•	10/23	1.0	1.0	34
Terral TVX52R018	59.6	•	•	10/20	2.0	1.0	37
Delta King DK5066	59.4	56.7	•	10/21	1.7	1.0	36
Croplan RC5437	58.7	•	•	10/17	1.0	1.0	42
Progeny 5407RR	58.7	•	•	10/22	1.0	1.0	30
Dyna-Gro 39F51	58.0	•	•	10/19	1.0	1.0	39
Dyna-Gro 32A53	57.9	•	•	10/19	1.3	1.0	35
Progeny 5115RR	57.9	57.1	•	10/20	1.7	1.0	42
Delta King DK5366	57.6	58.4	60.7	10/20	1.7	1.0	37
Dyna-Gro 31R54	57.5	•	•	10/21	1.0	1.0	36
MORSOY RT5407N	57.5	•	•	10/21	1.0	1.0	39
Terral TVX52R028	56.8	•	•	10/20	1.3	1.0	41
Terral TVX53R018	56.7	•	•	10/18	1.0	1.0	34
AGVENTURE 52P2NRR	55.8	•	•	10/21	1.0	1.0	32
AGVENTURE 50D2RR	55.7	•	•	10/21	1.3	1.0	34

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests,

Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
<u>Maturity Group V Early (RM 5.0 to 5.5) Continued</u>							
MORSOY RT5307N	55.6	▪	▪	10/17	1.3	1.0	32
MORSOY RT5506N	54.7	▪	▪	10/19	1.3	1.0	41
Dyna-Gro 33B52	54.3	56.8	60.3	10/18	2.0	1.0	39
FFR 5116	53.9	▪	▪	10/17	1.0	1.0	34
Delta Grow 5160RR/STS	53.6	52.9	▪	10/18	1.0	1.0	39
Terral TV52R14	53.0	53.7	▪	10/21	2.0	1.0	42
Terral TVX52R128	51.9	▪	▪	10/22	1.7	1.0	36
Progeny 5107RR	51.6	▪	▪	10/19	1.0	1.0	34
Legacy LS54-27CRR	49.9	▪	▪	10/15	1.0	1.0	39
Delta King DK5161	47.2	50.4	▪	10/20	4.0	1.0	42
Grand mean	62.3	▪	▪	10/19	1.4	1.0	38
LSD (5%)	9.4	▪	▪	3	0.8	0.1	▪
C.V. (%)	9.4	▪	▪	2	37.4	6.4	▪
<u>Maturity Group V Late (RM 5.6 to 5.9)</u>							
Croplan RC5955	82.3	▪	▪	10/27	2.0	1.0	35
Legacy LS57-26CRR	74.3	▪	▪	10/25	1.7	1.0	32
Progeny 5650RR	73.7	▪	▪	10/27	2.0	1.0	37
HBK R5727	73.0	▪	▪	10/25	1.0	1.0	38
AGS 568RR	72.6	▪	▪	10/25	1.0	1.0	39
Deltapine DP5915RR	72.0	67.0	63.6	10/23	1.0	1.0	46
Delta King DK55T6	69.1	61.6	▪	10/27	1.0	1.0	41
Progeny 5706RR	69.1	▪	▪	10/29	1.0	1.0	48
USG 75J97	69.0	▪	▪	10/26	1.3	1.0	44
AGS 606RR	68.5	▪	▪	10/24	1.0	1.0	39
USG 7582nRR	68.4	62.9	64.4	10/27	1.3	1.0	41
MORSOY RT5906N	67.7	▪	▪	10/27	1.0	1.0	47
Terral TV57R16	67.0	▪	▪	10/27	1.3	1.0	42
Deltapine DP5914RR	66.9	▪	▪	10/25	1.0	1.0	41
ASGROW AG5905	66.7	61.7	▪	10/27	1.7	1.0	44
AGVENTURE 57D7RR	66.5	▪	▪	10/24	1.7	1.0	38
MORSOY RT5620N	66.5	61.3	63.8	10/25	2.7	1.0	39
Delta Grow 5970RR	65.2	▪	▪	10/29	1.3	1.0	44
Terral TV59R16	64.9	▪	▪	10/27	1.0	1.0	36
Deltapine DP5634RR	64.8	62.7	63.5	10/24	1.7	1.0	46
ASGROW AG5605	64.7	62.4	64.3	10/23	1.0	1.0	39
ASGROW AG5903	64.6	63.2	64.8	10/24	2.7	1.0	42
Dyna-Gro 34J56	62.4	▪	▪	10/23	2.0	1.0	44
Delta Grow 5960RR	62.1	60.9	62.5	10/26	1.0	1.0	36

Table 13. Performance of Irrigated, Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007, Continued.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
Maturity Group V Late (RM 5.6 to 5.9) Continued							
Dyna-Gro 36N57	62.1	62.7	▪	10/22	2.0	1.0	37
Terral TVX56R018	62.0	▪	▪	10/23	1.3	1.3	42
HBK R5825	61.9	60.2	▪	10/23	1.0	1.0	32
Dyna-Gro SX06856	61.8	▪	▪	10/26	1.7	1.0	40
Dyna-Gro 33C59	61.7	▪	▪	10/25	1.0	1.0	38
MORSOY RT5903N	61.4	60.7	64.2	10/28	1.3	1.0	41
USG ALLEN	59.0	▪	▪	10/26	1.0	1.0	42
Delta Grow 5830RR	57.8	54.4	▪	10/28	1.3	1.0	33
Terral TV57R14	57.8	59.1	61.7	10/26	3.0	1.0	46
Dyna-Gro 3583	56.9	57.2	62.8	10/28	1.3	1.0	39
Delta Grow 5630RR	53.3	54.3	57.4	10/24	1.7	1.0	40
Grand mean	65.6	▪	▪	10/26	1.5	1.0	40
LSD (5%)	16.7	▪	▪	2	0.9	0.2	▪
C.V. (%)	15.5	▪	▪	1	36.8	9.5	▪

¹ Average yield for 2005 and 2007

² Average yield for 2003, 2005 and 2007.

Soil Series	Sharkey silty clay
Previous Crop	Soybean
Row Width	Four 10-inch rows on two 38-inch beds
Fertilizer Applied	None
Planting Date	6/14
Herbicide Application(s)	Ignite + Sencor + Dual, 6/14; Glyphosate, 7/05; Glyphosate + Flexstar, 8/03
Fungicide Application(s)	Quadris + Domark, 8/01; Domark, 8/15
Irrigation Dates	7/13, 7/25, 8/7, 8/13, 8/20, 8/24, 8/31
Harvest Dates	MG 4E 11/04 MG 4L 11/05 MG 5E 11/05 MG 5L 11/05

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Table 14. Yields (bu./A) of Maturity Groups IV and V Non-Roundup Ready Soybean Cultivars at All Locations, 2007¹.

Brand/Hybrid	Keiser Irrigated	Keiser ² Nonirrigated	Marianna Irrigated	Stuttgart Irrigated	Rohwer Irrigated	K bler Irrigated	Clay ³ Average	Silt Loam ⁴ Average	All Location Average
bu./A.....								
DB01-5289	82.8	*	*	*	64.0	*	73.4	*	*
DB02-2517	75.1	*	*	*	69.0	*	72.1	*	*
DB03-10440	83.3	*	*	*	61.4	*	72.4	*	*
DB03-1381	77.9	*	*	*	62.4	*	70.2	*	*
DB03-2811	71.1	*	*	*	67.6	*	69.4	*	*
DB03-8416	81.4	*	*	*	65.4	*	73.4	*	*
HBK C4926	79.9	*	57.1	77.2	73.6	59.9	76.8	64.7	69.5
HBK C5025	76.5	*	55.9	81.4	68.7	47.7	72.6	61.7	66.0
HBK C5894	76.2	*	49.6	87.4	67.7	62.6	72.0	66.5	68.7
Hutcheson	79.3	*	57.3	80.5	65.8	57.2	72.6	65.0	68.0
Jake	77.3	*	66.3	74.8	71.7	59.9	74.5	67.0	70.0
Ozark	81.6	*	57.3	83.1	68.1	61.6	74.9	67.3	70.3
R01-3474	85.7	*	*	*	67.4	*	76.6	*	*
R03-1128	80.8	*	*	*	65.9	*	73.4	*	*
R03-1134	78.5	*	*	*	69.3	*	73.9	*	*
R03-1250	75.2	*	*	*	71.2	*	73.2	*	*
R04-122	74.8	*	*	*	60.9	*	67.9	*	*
R98-1821	73.7	*	54.3	85.3	65.1	69.5	69.4	69.7	69.6
Stoddard	77.9	*	66.2	75.4	68.8	59.9	73.4	67.2	69.6
UA 4805	72.4	*	57.8	82.6	69.6	60.4	71.0	66.9	68.6
V98-2711	80.3	*	57.6	77.7	68.8	61.3	74.6	65.5	69.1
V98-9005	77.4	*	58.0	78.2	66.1	54.9	71.8	63.7	66.9
Grand mean	78.1	*	57.9	80.3	67.2	59.5	72.7	65.9	68.6
LSD (5%)	9.7	*	9.6	6.5	5.9	9.4	*	*	*
C.V. (%)	7.6	*	9.3	4.7	5.3	9.3	*	*	*

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

²The nonirrigated test at Keiser will not be reported due to poor uniformity.

³Average yields from Keiser Irrigated and Rohwer locations.

⁴Average yields from Marianna, Stuttgart and K bler locations.

* Strains were tested in irrigated trials at Keiser and Rohwer only.

Table 15. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
-----bu./A-----							
R01-3474	85.7	▪	▪	10/13	1.0	1.0	29
DB03-10440	83.3	▪	▪	10/09	4.0	1.0	31
DB01-5289	82.8	72.6	▪	10/11	2.3	1.3	47
Ozark	81.6	71.9	73.7	10/09	1.0	1.0	30
DB03-8416	81.4	▪	▪	10/11	1.3	1.0	34
R03-1128	80.8	▪	▪	10/11	1.0	1.0	33
V98-2711	80.3	▪	▪	10/11	1.0	1.0	35
HBK C4926	79.9	69.7	▪	10/08	3.0	1.0	40
Hutcheson	79.3	68.5	70.5	10/09	1.3	1.0	35
R03-1134	78.5	▪	▪	10/11	1.0	1.0	51
DB03-1381	77.9	▪	▪	10/14	1.0	1.0	38
Stoddard	77.9	70.0	71.7	10/08	1.3	1.3	42
V98-9005	77.4	▪	▪	10/10	1.0	1.0	39
Jake	77.3	68.4	70.8	10/10	1.0	1.0	24
HBK C5025	76.5	▪	▪	10/07	4.3	1.0	41
HBK C5894	76.2	69.2	▪	10/12	2.0	1.0	30
R03-1250	75.2	▪	▪	10/10	1.3	1.0	29
DB02-2517	75.1	▪	▪	10/09	1.3	1.0	29
R04-122	74.8	▪	▪	10/10	1.0	1.0	29
R98-1821	73.7	▪	▪	10/11	1.0	1.0	29
UA 4805	72.4	72.3	68.9	10/08	1.0	1.0	33
DB03-2811	71.1	▪	▪	10/07	2.7	1.0	36
Grand mean	78.1	▪	▪	10/10	1.6	1.0	35
LSD (5%)	9.7	▪	▪	4	0.7	0.3	▪
C.V. (%)	7.6	▪	▪	2	28.0	16.5	▪

Soil Series	Sharkey silty clay
Previous Crop	Grain Sorghum
Row Width	38 inches
Fertilizer Applied	None
Planting Date	5/21
Herbicide Application(s)	Ignite + Sencor + Dual, 5/23; Flexstar + Select, 6/11; Flexstar + Select, 7/05; Flexstar + Select + Sencor, 7/24
Fungicide Application(s)	Quadris + Domark, 7/27; Domark, 8/09
Irrigation Dates	7/16, 7/27, 8/5, 8/13, 8/19, 8/27
Harvest Date(s)	11/02

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Table 16. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Lon Mann Cotton Research Station, Marianna, AR, 2007.

Brand/Hybrid	2006	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht (in)
	-----bu./A-----						
Jake	66.3	69.8	68.5	10/05	1.0	2.3	33
Stoddard	66.2	73.0	70.7	10/02	1.0	1.3	19
V98-9005	58.0	▪	▪	10/04	1.0	1.3	30
UA 4805	57.8	▪	▪	9/28	1.3	1.0	24
V98-2711	57.6	▪	▪	10/01	1.0	2.3	28
Hutcheson	57.3	61.8	60.8	10/07	1.3	1.7	32
Ozark	57.3	59.0	59.8	10/09	1.0	1.0	32
HBK C4926	57.1	▪	▪	9/26	2.7	1.7	49
HBK C5025	55.9	▪	▪	10/06	2.7	1.7	42
R98-1821	54.3	▪	▪	10/08	1.0	1.7	28
HBK C5894	49.6	54.0	▪	10/17	1.0	1.0	39
Grand mean	57.9	▪	▪	10/05	1.4	1.5	32
LSD (5%)	9.6	▪	▪	5	1.2	0.8	▪
C.V. (%)	9.3	▪	▪	3	51.7	31.1	▪

Soil Series	Calloway silt loam
Previous Crop	Soybean
Row Width	30 inches
Fertilizer Applied	0-0-60, 3/05
Planting Date	5/22/07
Herbicide Application(s)	Glyphosate + Dual, 5/25; Storm + Dual Magnum, 6/29
Fungicide Applications(s)	Quadris + TOPGUARD, 7/27; Quadris + TOPGUARD, 8/14
Insecticide Application(s)	Methyl Parathion, 9/16
Irrigation Dates	6/09, 6/16, 6/26, 6/29, 7/21, 7/28, 8/02, 8/12, 8/18, 8/29
Harvest Dates	10/30

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.3	2.7	3.7	6.0	0.9	3.0	20.6
Average	5.4	5.2	3.4	4.0	2.8	4.0	24.8
Departure	-1.1	-2.5	0.3	2.0	-1.9	-1	- 4.2

Table 17. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year ¹ Average	Maturity Date	Lodging Score	Shattering Score	Plant Ht (in)
	-----bu./A-----						
HBK C5894	87.4	78.7	▪	10/02	1.7	1.0	38
R98-1821	85.3	▪	▪	9/28	1.0	1.0	21
Ozark	83.1	76.0	67.7	9/26	1.0	1.0	23
UA 4805	82.6	▪	▪	9/24	1.0	1.0	22
HBK C5025	81.4	▪	▪	9/24	3.0	1.0	41
Hutcheson	80.5	71.9	66.3	10/01	1.3	1.0	28
V98-9005	78.2	▪	▪	9/26	1.0	1.0	22
V98-2711	77.7	▪	▪	9/24	1.0	1.0	22
HBK C4926	77.2	▪	▪	9/23	3.0	1.0	35
Stoddard	75.4	75.6	▪	9/27	1.0	1.0	20
Jake	74.8	70.9	▪	9/28	1.0	1.0	22
Grand mean	80.3	▪	▪	9/27	1.5	1.0	27
LSD (5%)	6.5	▪	▪	2	0.4	ns	▪
C.V. (%)	4.7	▪	▪	1	16.5	▪	▪

¹ Average yield for 2004, 2006 and 2007.

Soil Series Crowley silt loam
 Previous Crop Rice
 Row Width 32 inches
 Fertilizer Applied 0-118-61, 5/14
 Planting Date 5/23/07
 Herbicide Application(s) Dual Magnum + Scepter, 5/20; Fusilade, 7/09
 Fungicide Applications(s) Quadris + TOPGUARD, 8/02, 8/21
 Irrigation Dates 7/27, 8/03, 8/10, 8/18, 8/27, 9/03, 9/10, 9/17, 9/23, 9/30
 Harvest Date 11/07

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	3.2	2.8	2.7	4.9	0.1	4.3	18.0
Average	5.6	4.7	3.6	3.4	2.8	4.1	24.2
Departure	-2.4	-1.9	-0.9	1.5	-2.7	0.2	- 6.2

Table 18. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2007.

Brand/Hybrid	2007	2-Year	3-Year	Maturity	Lodging	Shatter	Plant
	-----bu./A-----			Date	Score	Score	Height
		Average	Average				Inches
HBK C4926	73.6	68.2	▪	9/27	1.7	1.0	42
Jake	71.7	67.8	63.3	9/30	1.0	1.0	26
R03-1250	71.2	▪	▪	10/01	1.0	1.0	29
UA 4805	69.6	52.4	49.5	9/26	1.0	1.0	23
R03-1134	69.3	▪	▪	10/02	1.0	1.0	26
DB02-2517	69.0	▪	▪	9/28	1.0	1.0	30
Stoddard	68.8	59.0	56.5	9/29	1.0	1.0	24
V98-2711	68.8	▪	▪	10/01	1.0	1.0	26
HBK C5025	68.7	▪	▪	10/01	1.7	1.0	42
Ozark	68.1	66.5	65.5	9/29	1.0	1.0	28
HBK C5894	67.7	67.3	▪	10/02	2.7	1.0	35
DB03-2811	67.6	▪	▪	9/30	1.7	1.0	34
R01-3474	67.4	▪	▪	10/03	1.0	1.0	32
V98-9005	66.1	▪	▪	9/30	1.0	1.0	23
R03-1128	65.9	▪	▪	10/03	1.0	1.0	26
Hutcheson	65.8	53.3	56.1	9/30	1.7	1.0	30
DB03-8416	65.4	▪	▪	9/29	1.0	1.0	26
R98-1821	65.1	▪	▪	9/28	1.0	1.0	24
DB01-5289	64.0	69.0	▪	9/30	1.0	1.0	26
DB03-1381	62.4	▪	▪	10/01	1.0	1.0	30
DB03-10440	61.4	▪	▪	9/30	1.0	1.0	28
R04-122	60.9	▪	▪	10/01	1.0	1.0	27
Grand mean	67.2	▪	▪	9/30	1.2	1.0	29
LSD (5%)	5.9	▪	▪	2	0.6	ns	▪
C.V. (%)	5.3	▪	▪	1	29.2	▪	▪

Soil Series Sharkey clay
 Previous Crop Soybean
 Row Width 19 inches
 Fertilizer Applied None
 Planting Date 5/19
 Herbicide Application(s) Select + Flexstar, 6/05, 6/28; Flexstar + Basagran, 7/19; Select, 7/23
 Fungicide Application(s) Quilt, 9/14
 Insecticide Application(s) Intrepid + Karate Z, 9/07
 Irrigation Dates 6/13, 7/25, 8/03, 8/14, 8/21, 8/28
 Harvest Date 10/12

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.6	3.9	5.2	5.2	0.3	3.5	22.7
Average	5.0	4.7	3.5	3.9	2.7	3.1	22.9
Departure	-0.4	-0.8	1.7	1.3	-2.4	0.4	-0.2

Table 19. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars, Vegetable Substation, Kibler, AR, 2007.

Brand/Hybrid	2007	2-Year Average	3-Year Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
	-----bu./A-----						
R98-1821	69.5	▪	▪	10/14	1.0	1.0	30
HBK C5894	62.6	62.5	▪	10/23	1.0	1.0	32
Ozark	61.6	63.7	58.4	10/18	1.0	1.0	34
V98-2711	61.3	▪	▪	10/23	1.3	1.0	32
UA 4805	60.4	▪	▪	10/09	1.0	1.0	27
HBK C4926	59.9	▪	▪	10/10	2.3	1.0	44
Jake	59.9	62.9	59.3	10/18	1.0	1.0	33
Stoddard	59.9	61.3	▪	10/18	1.3	1.0	31
Hutcheson	57.2	59.8	55.3	10/19	2.3	1.0	36
V98-9005	54.9	▪	▪	10/21	1.0	1.0	34
HBK C5025	47.7	▪	▪	10/20	4.3	1.0	51
Grand mean	59.5	▪	▪	10/18	1.6	1.0	35
LSD (5%)	9.4	▪	▪	2	1.1	ns	▪
C.V. (%)	9.3	▪	▪	1	41.5	▪	▪

Soil Series	Roxanna silt loam
Previous Crop	Soybean
Row Width	36 inches
Fertilizer Applied	None
Planting Date	6/05
Herbicide Application(s)	Pursuit + Dual Magnum, 6/05
Fungicide Application(s)	Quadris + Folicur, 7/31, 8/21, 9/14
Insecticide Application(s)	None
Irrigation Dates	6/06, 7/25, 8/01, 8/08, 8/15, 8/29
Harvest Dates	MG 5E 11/05 MG 5L 11/05

Precipitation (inches)

	June	July	August	September	October	Total
2007	3.5	4.0	1.3	6.2	6.7	21.7
Average	5.6	1.3	2.2	4.8	3.1	17.0
Departure	-2.1	2.7	-0.9	1.4	3.6	4.7

Table 20. Performance of Irrigated, Non-Roundup Ready Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2007.

Brand/Hybrid	2007	2-Year ¹ Average	3-Year ² Average	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
	-----bu./A-----						
V98-2711	77.2	▪	▪	10/15	1.7	1.0	43
HBK C5894	73.8	▪	▪	10/16	2.7	1.0	40
V98-9005	72.7	▪	▪	10/17	1.3	1.0	34
HBK C4926	70.9	▪	▪	10/18	1.0	1.0	32
UA 4805	70.1	▪	▪	10/16	4.0	1.0	49
R98-1821	69.8	▪	▪	10/18	2.7	1.0	31
Ozark	68.7	65.2	65.5	10/13	3.3	1.0	45
HBK C5025	68.2	▪	▪	10/18	3.0	1.0	37
Jake	68.2	65.5	▪	10/19	2.0	1.0	35
Hutcheson	61.6	61.4	60.5	10/18	1.3	1.0	31
Stoddard	59.4	61.9	▪	10/17	3.7	1.0	37
Grand mean	69.1	▪	▪	10/17	2.4	1.0	38
LSD (5%)	8.6	▪	▪	5	1.2	ns	▪
C.V. (%)	7.2	▪	▪	3	28.7	▪	▪

¹ Average yield for 2005 and 2007.

² Average yield for 2003, 2005 and 2007.

Soil Series Sharkey silty clay
 Previous Crop Soybean
 Row Width Four 10-inch rows on two 38-inch beds
 Fertilizer Applied None
 Planting Date 6/14
 Herbicide Application(s) Ignite + Sencor + Dual, 6/14; Flexstar + Select, 7/05; FirstRate + Flexstar, 8/03
 Fungicide Application(s) Quadris + Domark, 8/01; Domark, 8/15
 Irrigation Dates 7/13, 7/25, 8/7, 8/13, 8/20, 8/24, 8/31
 Harvest Date(s) 11/05

Precipitation (inches)

	April	May	June	July	August	September	Total
2007	4.2	1.7	1.9	2.2	0.2	3.7	13.9
Average	4.9	5.2	4.0	3.7	2.9	3.9	24.6
Departure	-0.7	-3.5	-2.1	-1.5	-2.7	-0.2	-10.7

Participants and Entries
2007 Early Planted Test

Company/Institutions	Cultivar/Relative Maturity	
Armor Soybeans P.O. Box 9 Waldenburg, AR 72475	Armor 39-K4	3.9
	Armor 42-P7	4.2
Cache River Valley Seed, LLC 12470 Hwy 226 Cash, AR 72421	MorSoy RTS 4007N	4.0
	MorSoy RT 4485N	4.4
	MorSoy RTS 4556N	4.5
	MorSoy RTS 4706N	4.7
	MorSoy RT 4707N	4.7
	MorSoy RT 4802N	4.7
	MorSoy RT 4806N	4.8
	MorSoy RT 4914N	4.9
	MorSoy RT 4955N	4.9
	MorSoy RT 5107N	5.1
	MorSoy RT 5306N	5.3
	MorSoy RT 5307N	5.3
Croplan Genetics 4990 North County Road 583 Blytheville, AR 72315	Croplan Genetics RC4444	4.4
	Croplan Genetics RC4455	4.4
	Croplan Genetics RC4655	4.6
	Croplan Genetics RC4757	4.7
	Croplan Genetics RC4842	4.8
	Croplan Genetics RC4955	4.9
	Croplan Genetics RC5007	5.0
	Croplan Genetics RC5222	5.2
	Croplan Genetics RC4417	4.4
	Croplan Genetics RC4877	4.7
Delta & Pine Land Co. 103 Longfellow Lane Victoria TX 77904	Deltapine DP 3993 RR	3.9
	Deltapine DP 4112 RR/S	4.2
	Deltapine DP 4334 RR	4.3
	Deltapine DP 4450 RR	4.3
	Deltapine DP 4546 RR	4.5
	Deltapine DP 4888 RR/S	4.8
	Deltapine DP 4919 RR/S	4.9
	Deltapine DP 5115 RR/S	5.1
Delta Grow Seed 220 N.W. 2nd Street England, AR 72046	Delta Grow 4150RR	4.1
	Delta Grow 4460RR	4.4
	Delta Grow 4470RR	4.4
	Delta Grow 4660RR	4.6
	Delta Grow 4770RR	4.7
	Delta Grow 4780RR	4.8
	Delta Grow 4840RR	4.8
	Delta Grow 4970RR	4.9
	Delta Grow 4975RR	4.9
	Delta Grow 5160RR/STS	5.1
	Delta Grow 5270RR	5.2
	Delta Grow EXP LEE 54	5.3

Participants and Entries
2007 Early Planted Test

Company/Institutions	Cultivar/Relative Maturity	
Delta King Seed Co. P.O. Box 9 Waldenburg, AR 72475	Delta King DK 4567	4.5
	Delta King DK 4667	4.6
	Delta King DK 4763	4.7
	Delta King DK 4866	4.8
	Delta King DK 4967	4.9
	Delta King DK 4968	4.9
	Delta King DK 5066	5.0
	Delta King DK 5068	5.0
	Delta King DK 5161	5.1
	Delta King DK 52K6	5.2
	Eagle Seed Co. 8496 Swan Pond Road Weiner, AR 72479	Eagle Seed ESXVT 675RR
Eagle Seed ESXVT 518RR		5.3
Erwin Keith 1529 HWY 193 Wynne, AR	Progeny 3900RR	3.9
	Progeny 4206RR	4.2
	Progeny 4507RR	4.5
	Progeny 4606RR	4.6
	Progeny 4706RR	4.7
	Progeny 4804RR	4.8
	Progeny 4807RR	4.8
	Progeny 4817RR	4.8
	Progeny 4906RR	4.9
	Progeny 4949RR	4.9
	Progeny 5107RR	5.1
	Progeny 5115RR	5.1
	Progeny 5207RR	5.2
	Progeny 5217RR	5.2
Progeny 5307RR	5.3	
Hornbeck Seed Co., Inc. 210 Drier Road DeWitt, AR 72042	HBK R3824	3.9
	HBK R3927	3.9
	HBK R4527	4.5
	HBK R4724	4.7
	HBK R4727	4.7
	HBK R4924	4.9
	HBK R5027	5.0
	HBK R5226	5.2
HBK RS5527	5.2	

Participants and Entries
2007 Early Planted Test

Company/Institutions	Cultivar/Relative Maturity	
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG3705	3.7
	ASGROW AG3905	3.9
	ASGROW AG3906	3.9
	ASGROW AG4103	4.1
	ASGROW AG4403	4.4
	ASGROW AG4404	4.4
	ASGROW AG4405	4.4
	ASGROW AG4604	4.6
	ASGROW AG4703	4.7
	ASGROW AG4903	4.9
	ASGROW DKB46-51	4.6
	Pioneer Hi-Bred International, Inc. 700 Boulevard South Suite 302 Huntsville, AL 35802	Pioneer 94M30
Pioneer 94M71		4.7
Pioneer 94B73		4.7
Pioneer 94M80		4.8
Schillinger Seed Inc. 4200 Corporate Dr. Suite 106 West Des Moines, IA 50266	457.RCP	4.5
	467.RCP	4.6
	495.RC	4.9
	JG49	4.9
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV45R14	4.5
	Terral TV44R27	4.4
	Terral TV46R15	4.6
	Terral TV47R17	4.7
	Terral TV49R17	4.9
UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211	USG 74A27	4.2
	USG 7440nRR	4.4
	USG 7466nRR	4.6
	USG 74A91	4.9
	USG 74F96	4.9
	USG 7494nRR	4.9
	USG 74F78	4.7
United Agri Products 57 Germantown Court Suite 200 Cordova, TN 38018	Dyna-Gro 37A44	4.4
	Dyna-Gro 37F46	4.6
	Dyna-Gro 32R46	4.6
	Dyna-Gro 36Y48	4.8
	Dyna-Gro 37P49	4.9
	Dyna-Gro 33B52	5.2
	Dyna-Gro 32A53	5.3
University of Missouri - Delta Center 147 State Highway T Portageville, MO 63873	S03-051	3.9
	S04-5969	4.3
	S04-6008	4.5
	S04-6013	4.6

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	Relative Maturity
AGSouth Genetics P.O. Box 72246 Albany, GA 31708	AGS 568 RR	5.6
	AGS 606 RR	5.9
Armor Soybeans P.O. Box 9 Waldenburg, AR 72475	Armor GP-454	4.5
	Armor 47-F8	4.7
	Armor 49-V6	4.9
	Armor 52-U2	5.2
	Armor 55-A5	5.5
	Armor GP-500	5.0
	Armor GP-533	5.3
Cache River Valley Seed, LLC 12470 HWY. 226 Cash, AR 72421	MorSoy RTS 4007N	4.0
	MorSoy RT 4485N	4.4
	MorSoy RTS 4556N	4.5
	MorSoy RTS 4706N	4.7
	MorSoy RT 4707N	4.7
	MorSoy RT 4802N	4.7
	MorSoy RT 4806N	4.8
	MorSoy RT 4914N	4.9
	MorSoy RTS 4955N	4.9
	MorSoy RT 5107N	5.1
	MorSoy RT 5306N	5.3
	MorSoy RT 5307N	5.3
	MorSoy RT 5407N	5.4
	MorSoy RT 5506N	5.5
	MorSoy RT 5620N	5.6
MorSoy RT 5903N	5.9	
MorSoy RT 5906N	5.9	
Croplan Genetics 4990 North County Road 583 Blytheville, AR 72315	Croplan Genetics RC5555	5.5
	Croplan Genetics RC5955	5.8
	Croplan Genetics RC5437	5.4
Delta & Pine Land Co. 103 Longfellow Lane Victoria, TX 77904	Deltapine DP 4112 RR/S	4.2
	Deltapine DPX 4334 RR	4.3
	Deltapine DP 4450 RR	4.3
	Deltapine DP 4546 RR	4.5
	Deltapine DPX 4727 RR	4.7
	Deltapine DP 4724 RR	4.7
	Deltapine DP 4888 RR/S	4.8
	Deltapine DP 4919 RR/S	4.9
	Deltapine DP 5115 RR/S	5.1
	Deltapine DP 5335 RR/S	5.3
	Deltapine DP 5634 RR	5.7

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	Relative Maturity
Delta & Pine Land Co. 103 Longfellow Lane Victoria, TX 77904	Deltapine DP 5914 RR	5.9
	Deltapine DP 5915 RR	5.9
	Deltapine DP 07-3980 RR	4.0
	Deltapine DP 07-3972 RR	4.0
	Deltapine DP 07-4732 RR	4.7
	Deltapine DP 07-4950 RR	4.9
Delta Grow Seed 220 NW 2nd Street England, AR 72046	Delta Grow 4150 RR	4.1
	Delta Grow 4460 RR	4.4
	Delta Grow 4470 RR/STS	4.4
	Delta Grow 4660 RR	4.6
	Delta Grow 4770 RR	4.7
	Delta Grow 4780 RR	4.7
	Delta Grow 4840 RR	4.8
	Delta Grow 4860 RR	4.8
	Delta Grow 4960 RR	4.9
	Delta Grow 4970 RR	4.9
	Delta Grow 4975 LARR	4.9
	Delta Grow 5160 RR/STS	5.1
	Delta Grow 5270 RR	5.2
	Delta Grow 5300 RR	5.3
	Delta Grow 5470 RR	5.4
	Delta Grow 5555 RR	5.5
	Delta Grow 5570 RR	5.5
	Delta Grow 5450 RR	5.5
	Delta Grow 5630 RR	5.6
	Delta Grow 5830 RR	5.8
Delta Grow 5960 RR	5.9	
Delta Grow 5970 RR	5.9	
Delta King Seed Co. P.O. Box 9 Waldenburg, AR 72475	Delta King DK 4567	4.5
	Delta King DK 4667	4.6
	Delta King DK 4763	4.7
	Delta King DK 4866	4.8
	Delta King DK 4967	4.9
	Delta King DK 4968	4.9
	Delta King DK 5068	5.0
	Delta King DK 5066	5.0
	Delta King DK 5161	5.1
	Delta King DK 52K6	5.2
	Delta King DK 5366	5.3
	Delta King DK 5368	5.3
	Delta King DK 5567	5.5
	Delta King DK 55T6	5.6
	Delta King DKXTJ 847	4.7
	Delta King DKXTJ 848	4.8
Delta King DKXTJ 851	5.1	

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	4.4
Dulaney Seed 6933 Sunflower School Rd. Clarksdale, MS 38614	AgVenture 44D4	4.4
	AgVenture 46J5 NRR	4.6
	AgVenture 47G3 NRR	4.7
	AgVenture 50D2 RR*	5.0
	AgVenture 49D6 NRR	4.9
	AgVenture 52P2 NRR	5.2
	AgVenture 53D3 NRR	5.3
	AgVenture 57D7 RR	5.7
Eagle Seed Co. 8496 Swan Pond Road Weiner, AR 72479	Excel 8474 NRR	4.7
Erwin Keith Seed Inc. 1529 HWY 193 Wynne, AR 72396	Progeny 4206 RR	4.2
	Progeny 4405 RR	4.4
	Progeny 4507 RR	4.5
	Progeny 4606 RR	4.6
	Progeny 4706 RR	4.7
	Progeny 4804 RR	4.8
	Progeny 4807 RR	4.8
	Progeny 4817 RR	4.8
	Progeny 4906 RR	4.9
	Progeny 4949 RR	4.9
	Progeny 5107 RR	5.1
	Progeny 5115 RR	5.1
	Progeny 5207 RR	5.2
	Progeny 5250 RR	5.2
	Progeny 5307 RR	5.3
	Progeny 5407 RR	5.4
	Progeny 5507 RR	5.5
Progeny 5650 RR	5.6	
Progeny 5706 RR	5.7	
FFR Seed 969 Cloverleaf Drive Southaven, MS 38671	FFR 5116	5.1
	FFR 5663	5.5
Hornbeck Seed Co. Inc., 210 Drier Road DeWitt, AR 72042	HBK R3824	3.9
	HBK R3927	3.9
	HBK R4527	4.5
	HBK R4724	4.7
	HBK R4727	4.7
	HBK R4924	4.9
	HBK R5226	5.2
	HBK RS5227	5.2
	HBK R5425	5.4
	HBK R5525	5.5
	HBK R5727	5.7
	HBK R5825	5.8

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	Maturity
Legacy Seed South LLC. 191 Jackson 136 Newport, AR 72112	LS 47-57NRR	4.7
	LS 49-57RR	4.9
	LS 51-57NRR,STS	5.1
	LS 54-27CRR	5.3
	LS 57-26CRR	5.7
Midwest Premium Genetics 523 South Main Concordia, MO 64020	MPV 5407 nRR	5.4
	MPV 4905 nRR	4.9
	MPV 5308 nRR	5.3
	MPV 4808 nRR	4.7
	MPV 5505 nRR	5.5
	MPV 4406 nRR	4.4
	MPV 5408 nRR	5.4
Monsanto Company 800 N. Lindbergh Blvd. St. Louis, MO 63167	ASGROW AG4103	4.1
	ASGROW AG4403	4.4
	ASGROW AG4404	4.4
	ASGROW AG4405	4.4
	ASGROW AG4604	4.6
	ASGROW AG4605	4.6
	ASGROW AG4703	4.7
	ASGROW AG4903	4.9
	ASGROW AG5301	5.3
	ASGROW AG5501	5.5
	ASGROW AG5605	5.6
	ASGROW AG5903	5.9
	Monsanto EXP 644AR	4.4
	Monsanto EXP 645AR	4.5
	ASGROW DKB 46-51	4.6
ASGROW AG5905	5.9	
NK Brand Seeds 6711 Hare Hill Drive Arlington, TN 38002	NK Brand S45-E5	4.5
	NK Brand S46-U6	4.6
	NK Brand S49-W6	4.9
	NK Brand S49-H7	4.9
	NK Brand S52-F2	5.2
Pioneer Hi-Bred International, Inc. 700 Boulevard South Suite 302 Huntsville, AL 35802	Pioneer 93M90	3.9
	Pioneer 94M30	4.3
	Pioneer 94M31	4.3
	Pioneer 94M71	4.7
	Pioneer 94B73	4.7
	Pioneer 94M80	4.8
	Pioneer 95M30	5.3
	Pioneer 95M50	5.5

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	
Schillinger Seed Inc. 4200 Corporate Drive Suite 106 West Des Moines, IA 50266	457.RCP	4.5
	467.RCP	4.6
	495.RC	4.9
	JG49	4.9
	557.RC	5.5
	XP47	4.7
Stine Seed Company 22555 Laredo Trail Adel, IA 50003	Stine 4782-4	4.7
	Stine 5482-4	5.2
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254	Terral TV44R27	4.4
	Terral TVX45R018	4.5
	Terral TV45R14	4.5
	Terral TV46R15	4.6
	Terral TVX47R018	4.7
	Terral TV47R17	4.7
	Terral TV48R14	4.8
	Terral TV49R17	4.9
	Terral TV49R27	4.9
	Terral TVX52R018	5.2
	Terral TVX52R028	5.2
	Terral TV52R14	5.2
	Terral TVX53R028	5.3
	Terral TVX54R018	5.4
	Terral TV55R15	5.5
	Terral TVX56R018	5.6
	Terral TV57R14	5.7
	Terral TV57R16	5.7
	Terral TV59R16	5.9
	Terral TVX45R118	4.5
	Terral TVX46R018	4.6
	Terral TVX47R118	4.7
	Terral TVX48R018	4.8
Terral TVX52R218	5.2	
Terral TVX52R128	5.2	
Terral TVX53R018	5.3	
Terral TVX53R118	5.3	

Participants and Entries
2007 Commercial Cultivar Tests

Company/Institution	Cultivar/Relative Maturity	Relative Maturity
UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211	USG 7440 nRR	4.4
	USG 7466 nRR	4.6
	USG 74F78	4.7
	USG 7494nRR	4.9
	USG 75J17	5.1
	USG 7515nRS	5.1
	USG 75J47	5.4
	USG 7553nRS	5.5
	USG 7582nRR	5.8
	USG 75J97	5.9
	USG ALLEN	5.6
United Agri Products 57 Germantown Court Suite 200 Cordova, TN 38018	Dyna-Gro 37A44	4.4
	Dyna-Gro 37F46	4.6
	Dyna-Gro 32R46	4.6
	Dyna-Gro 36Y48	4.8
	Dyna-Gro 35Z49	4.9
	Dyna-Gro 37P49	4.9
	Dyna-Gro 33B52	5.2
	Dyna-Gro 32A53	5.3
	Dyna-Gro 33X55	5.5
	Dyna-Gro 34J56	5.6
	Dyna-Gro 36N57	5.7
	Dyna-Gro 3583	5.9
	Dyna-Gro 35D44	4.4
	Dyna-Gro 33Y45	4.5
	Dyna-Gro 38X47	4.7
	Dyna-Gro 39F51	5.1
	Dyna-Gro 31R54	5.4
Dyna-Gro 33P54	5.4	
Dyna-Gro SX068561	5.7	
Dyna-Gro 33C59	5.9	
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	R01-4834RR	5.5
	R04-1276RR	5.4
	R02-3263RR	4.9
University of Missouri-Delta Center 147 State HWY. T Portageville, MO 63873	S03-051PR	3.9
	S04-5969	4.3
	S04-6008	4.5
	S04-6013	4.6
University of Tennessee Dept. of Plant Sciences 2431 Joe Johnson Drive Knoxville, TN 37996-4561	TN03-12RR	4.9

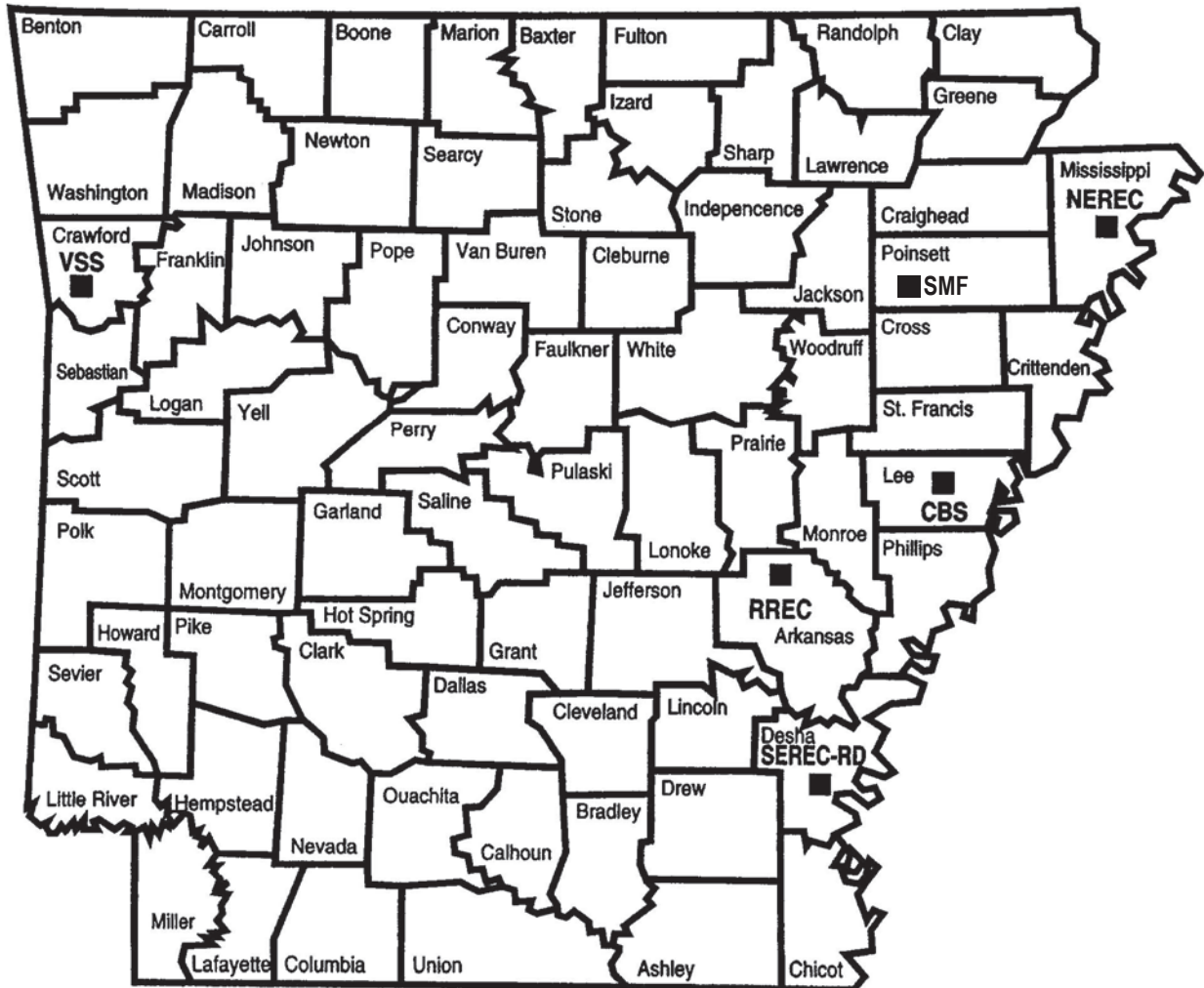
Participants and Entries
2007 NRR Test

Company/Institution	Cultivar/Relative Maturity	
Hornbeck Seed Co., Inc. 210 Drier Road DeWitt, AR 72042	HBK C4926	4.9
	HBK C5025	5.0
	HBK C5894	5.8
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	Ozark	5.2
	UA 4805	4.8
	R98-1821	5.5
	Hutcheson	5.3
University of Missouri-Delta Center 147 State HWY T Portageville, MO 63873	Jake	5.5
	Stoddard	5.1
Virginia Tech 509 Latham Hall Blacksburg, VA 24061	V98-9005	5.4
	V98-2711	5.4

Participants and Entries
2007 New Strains Tests

Company/Institution	Cultivar/Relative Maturity	
Armor P.O. Box 9 Waldenburg, AR 72475	Armor 53-Z5	5.3
	Armor DK4995	4.9
	Armor X4228	4.2
	Armor X4560	4.5
	Armor X4561	4.5
	Armor X4717	4.7
	Armor X4996	4.9
Eagle Seed Co. P.O. Box 308 Weiner, AR 72479	Eagle Seed ESXVT 155RR	5.5
	Eagle Seed ESXVT 16RR	5.4
	Eagle Seed ESXVT 110RR	5.4
University of Arkansas 115 Plant Science Building Fayetteville, AR 72701	R04-1268	4.9
	R04-1250	5.6
	R02-2847	4.6
	R04-122 NonRR	4.8
	R01-3474 NonRR	5.5
	R03-1134 NonRR	5.7
	R03-1250 NonRR	5.7
	R03-1128 NonRR	5.9
USDA-ARS 141 Experiment Station Rd. Stoneville, MS 38776	DB01-5289	5.3
	DB02-2517	5.3
	DB03-1381	5.5
	DB03-2811	5.5
	DB03-8416	5.3
	DB03-10440	5.2

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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DIVISION OF AGRICULTURE