

Arkansas
Soybean
Performance Tests

2001



D.G. Dombek
D.K. Ahrent
R.D. Bond
I.L. Eldridge

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D.G. Dombek

D.K. Ahrent

R.D. Bond

I.L. Eldridge¹



¹ D.G. Dombek is a research associate and D.K. Ahrent, R.D. Bond, and I.L. Eldridge are research specialists in the Department of Crop, Soil & Environmental Sciences, University of Arkansas, Fayetteville, AR 72701.

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Ms. Carol Becton, Research Associate

University of Arkansas Agricultural Research and Extension Center, Fayetteville

Mr. J. V. Skinner, Center Director

University of Arkansas Cooperative Extension Service, Little Rock

Dr. Richard D. Cartwright, Extension Plant Pathologist

School of Agriculture, Arkansas State University, Jonesboro

Dr. J. D. Widick, Research Assistant Professor

Mr. Joshua Dunn, Research Specialist

Northeast Research and Extension Center, Keiser

Dr. F. M. Bourland, Center Director

Mr. Eddie Gordon, Research Specialist

Cotton Branch Station, Marianna

Mr. Claude Kennedy, Resident Director

Mr. Dale Yadon, Research Specialist

Southeast Research and Extension Center, Monticello

Dr. Edwin A. Colburn, Center Director

Mr. Larry Earnest, Superintendent, Rohwer Division

Mr. Randy Cingolani, Research Specialist, Rohwer Division

Rice Research and Extension Center, Stuttgart

Dr. John Robinson, Center Director

Mr. Jamie Branson, Research Specialist

Mr. Ronnie Sherman, Research Specialist

Southwest Research and Extension Center, Hope

Dr. Mike Phillips, Center Director

Dr. T. L. Kirkpatrick, Professor

Mr. J. D. Barham, Research Specialist

Vegetable Substation, Kibler

Mr. Dennis Motes, Resident Director

Mr. Steve Eaton, Research Associate

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Cover illustration by Michael Halbert

Arkansas Variety Testing Website

Results of Arkansas variety performance tests for wheat and other small grains, rice, soybeans, cotton, corn and grain sorghum are available on the web at: www.arkansasvarietytesting.org

ARKANSAS SOYBEAN PERFORMANCE TESTS¹ 2001

D.G. Dombek, D.K. Ahrent, R.D. Bond, and I.L. Eldridge

INTRODUCTION

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

The 2001 soybean cultivar performance tests were conducted at the Northeast Research and Extension Center (NEREC) at Keiser, the Cotton Branch Station (CBS) near Marianna, the Rice Research and Extension Center (RREC) near Stuttgart, the Southeast Research and Extension Center - Rohwer Division (SEREC-RD) near Rohwer, the Tracy McLelland Farm (TMF) near Gum Springs, and the Vegetable Substation (VSS) near Kibler. A test location map can be found inside the back cover.

METHODS

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

Cultivars were grouped by maturity groups based on information provided by the originating company or institution. To facilitate field operations, and to allow for fairer comparisons between cultivars, entries in the Group IV and V Commercial Cultivar Tests (CCT) were separated into "early" cultivars and "late" cultivars. Cultivars in the "early" Group IV test had a relative maturity range of 4.0 to 4.7 and in the Group V test, a range of 5.0 to 5.6. Cultivars in the "late" Group IV test had a relative maturity range of 4.8 or 4.9 and in the "late" Group V test, a range of 5.7 to 5.9.

Early planted tests (EPT) were established at NEREC, SEBS, TMF, and VSS. As with the CCT IVs and Vs, entries

in the EPT were subdivided into "early" and "late" cultivars.

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

Interior rows of each plot were harvested for yield determination after ends were trimmed. Percent moisture was recorded for all harvested seed of early-planted tests and plot weights were adjusted to thirteen percent moisture. Harvested seeds of all other tests were allowed to dry to uniform moisture before weighing, and weights were converted to yield in bushels per acre (bu/A).

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

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

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

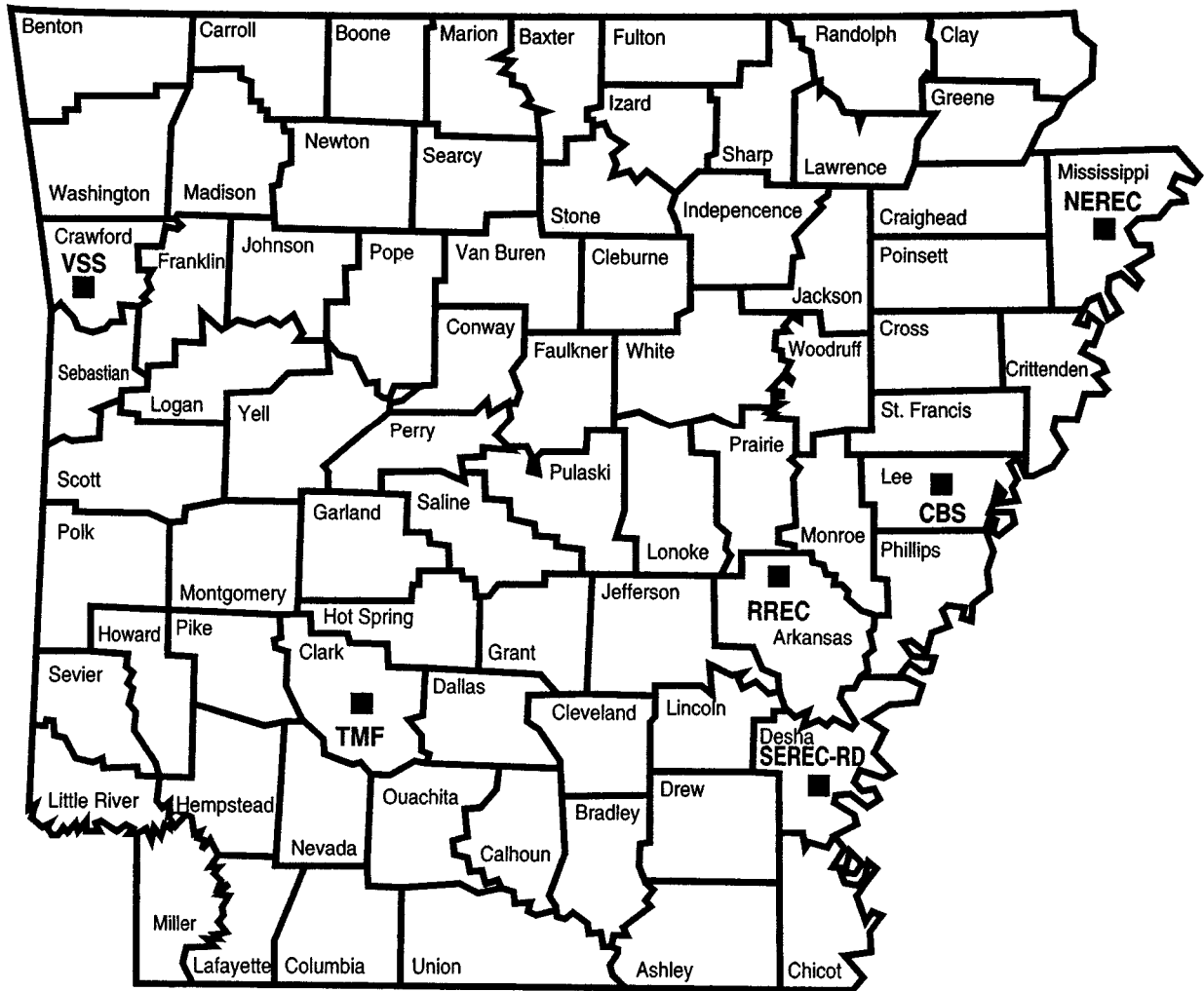
1. Almost all plants erect
 2. Either all plants leaning slightly, or a few plants down
 3. Either all plants leaning moderately, or 25-50% of the plants down
 4. Either all plants leaning considerably, or 50-80% of the plants down
 5. All plants down badly
- Average plant height was recorded in inches for each plot.

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

Tests were established at the Main Experiment Station at Fayetteville on a Taloka silt loam soil to evaluate cultivar sensitivity to the herbicide propanil. Propanil was applied over-the-top of one-half of each plot at 0.75 lb active ingredient/A (0.25X recommended rate) when plants were in the V4 to V5 growth stage to simulate drift from rice fields. Plots were visually rated 7 and 21 days after propanil application by Marilyn McClelland.

Cultivars were screened for tolerance to soil chloride in greenhouse tests conducted by Dr. J.D. Widick, ASU, Jonesboro.

SOYBEAN TEST LOCATIONS



- CBS** Cotton Branch 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
- TMF** Tracy McLelland Farm
- VSS** Vegetable Substation, Kibler, Arkansas

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Table 1. Yields of Early Planted Soybean Cultivars at All Locations, 2001^{1,2}.

Brand/Cultivar	Keiser Nonirr.	Clark Co. Irr	Kibler Irr.	Average
<u>Early Maturing Cultivars (RM 4.7 or Less)</u>				
Armor 42L2	37.7	34.9	44.6	39.1
Armor 44R4	47.0	42.5	61.4	50.3
Armor 47-G7	47.9	45.6	67.2	53.6
ASGROW AG3503	42.7	35.6	56.6	45.0
ASGROW AG3702	49.7	38.1	55.4	47.7
ASGROW AG3903	41.4	36.9	37.2	38.5
ASGROW AG4301	42.3	46.4	58.4	49.0
ASGROW AG4403	46.8	45.7	51.8	48.1
Croplan Genetics RC3838	42.5	26.4	50.0	39.6
Croplan Genetics RC3866	43.9	35.4	49.8	43.0
Croplan Genetics RC4444	50.9	52.3	56.9	53.4
Croplan Genetics RT4241	49.2	36.4	53.0	46.2
Delta King 3862RR	47.1	25.9	54.2	42.4
Delta King 3961RR	46.2	37.5	43.3	42.3
Delta King 3964RR	49.8	37.7	42.9	43.5
Delta King 3968RR	46.0	37.5	51.4	45.0
Delta King 4461RR	40.5	45.6	59.1	48.4
Delta King 4680	44.3	47.8	51.5	47.9
Delta King 4711	50.0	47.0	46.0	47.7
Delta King 4762 RR	35.5	40.7	43.5	39.9
Delta King 4763RR	43.8	43.9	67.4	51.7
Deltapine DP 4344RR	42.6	41.1	41.1	41.6
Deltapine DP 4690RR	42.4	45.8	47.1	45.1
Deltapine DP 4748S	45.8	43.8	60.3	50.0
Hartz H4554RR	39.1	40.1	59.2	46.1
Hartz HX38-92955	46.5	29.2	45.2	40.3
Hartz HX40-93038	49.1	42.2	56.4	49.2
HBK 4891	49.0	56.1	51.8	52.3
HBK R4660	35.5	40.3	45.0	40.3
HBK SB3980RR	47.7	35.9	53.2	45.6
HBK XR441-01	47.2	47.0	63.3	52.5
Pioneer 93B67	34.0	29.8	47.9	37.2
Pioneer 94B23	48.1	42.1	46.3	45.5
Pioneer 94B73	52.0	46.5	57.5	52.0
SS-RT 3975	37.6	36.1	47.3	40.3
SS-RT 4098	41.3	39.6	68.8	49.9
SS-RT 446N	46.5	34.9	50.1	43.8
Syngenta S39-Q4	41.5	32.7	53.2	42.5
Syngenta S46-G2	48.1	37.2	53.5	46.3
Terral TV4589RR	45.1	43.3	65.5	51.3
Williams 82	42.6	41.9	43.6	42.7
Grand mean	44.6	40.1	52.6	45.8
LSD (5%)	9.7	8.1	12.3	.
C.V. (%)	13.5	12.4	14.4	.

Table 1. Yields of Early Planted Soybean Cultivars at All Locations, 2001^{1,2}, Continued.

Brand/Cultivar	Keiser Nonirr.	Clark Co. Irr	Kibler Irr.	Average
<u>Late Maturing Cultivars (RM 4.8 to 5.3)</u>				
ASGROW AG4902	45.1	51.6	55.9	50.9
ASGROW AG5001	45.6	56.4	56.3	52.8
Croplan Genetics 480RR	51.4	48.7	48.5	49.5
Croplan Genetics RC4995	41.7	60.0	50.0	50.6
Croplan Genetics YRC49	27.1	64.0	50.0	47.0
Delta King 4868RR	50.1	49.5	60.6	53.4
Delta King 4965 RR	48.9	52.9	57.8	53.2
Delta King 5267RR	45.7	57.0	44.9	49.2
Delta King 5366RR	34.8	55.3	47.4	45.8
Delta King XTJ 184RR	50.8	54.6	49.7	51.7
Deltapine DP 5110S	48.4	55.7	53.6	52.6
Deltapine SG 498RR	49.5	52.3	57.6	53.1
Dixie 4803RR	49.4	55.0	51.1	51.8
DT97-4290	42.2	55.8	52.6	50.2
FFR 4900RR	38.1	59.0	45.2	47.4
Hartz H4884RR	48.7	51.0	49.6	49.8
Hartz H5231RR	34.4	59.2	46.2	46.6
HBK R4820	49.4	56.7	57.1	54.4
Manokin	50.9	59.9	55.7	55.5
Morsoy RT4809	54.2	43.3	54.2	50.6
Morsoy RT5110	40.9	62.3	53.8	52.3
Pioneer 9492	52.8	60.9	56.8	56.8
Prairie RRI	28.8	48.5	39.9	39.1
Progeny 4858RR	51.3	48.6	49.7	49.9
Progeny 4910	46.4	43.1	49.3	46.3
Progeny 5120N	30.4	66.2	51.7	49.4
SS-RT 4980	52.7	53.7	50.2	52.2
SS-RT 5001N	39.4	59.0	50.4	49.6
Syngenta S52-U3	32.5	58.5	49.1	46.7
Terral TV4886RR	45.6	51.0	50.4	49.0
Terral TV4890RR	50.9	58.8	50.1	53.3
Grand mean	44.5	55.1	51.5	50.4
LSD (5%)	9.5	11.9	7.8	.
C.V. (%)	13.0	13.2	9.3	.

¹ Keiser Nonirr. = Northeast Research and Extension Center
Clark Co. Irr. = Tracy McLelland Farm, Clark County
Kibler Irr. = Vegetable Substation

² Irrigated and nonirrigated early planted soybean tests were planted at the Southeast Research and Extension Center- Rohwer Division. A severe hail storm on May 27 caused extensive damage to these tests and they were subsequently abandoned.

Table 2. Performance of Nonirrigated Early Planted Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Early Maturing Cultivars (RM 4.7 or Less)</u>							
Pioneer 94B73	52.0	.	.	8-19	1.0	1.3	31
Croplan Genetics RC4444	50.9	.	.	8-22	1.0	1.0	36
Delta King 4711	50.0	50.0	40.2	8-22	1.3	2.0	33
Delta King 3964RR	49.8	.	.	8-13	1.3	1.3	33
ASGROW AG3702	49.7	.	.	8-11	1.0	1.3	30
Croplan Genetics RT4241	49.2	.	.	8-19	1.0	2.0	30
Hartz HX40-93038	49.1	.	.	8-19	1.0	1.0	32
HBK 4891	49.0	52.9	43.7	8-22	1.7	2.0	33
Syngenta S46-G2	48.1	.	.	8-20	1.0	1.0	34
Pioneer 94B23	48.1	.	.	8-13	1.0	1.3	29
Armor 47-G7	47.9	.	.	8-20	1.0	1.0	27
HBK SB3980RR	47.7	.	.	8-10	1.0	1.0	27
HBK XR441-01	47.2	.	.	8-20	1.0	1.7	32
Delta King 3862RR	47.1	.	.	8-13	1.0	1.3	29
Armor 44R4	47.0	.	.	8-22	1.0	1.0	30
ASGROW AG4403	46.8	51.7	.	8-20	1.0	1.3	32
SS-RT 446N	46.5	.	.	8-20	1.0	1.0	33
Hartz HX38-92955	46.5	.	.	8-10	1.0	1.0	25
Delta King 3961RR	46.2	.	.	8-17	1.0	1.3	30
Delta King 3968RR	46.0	.	.	8-17	1.0	2.0	26
Deltapine DP 4748S	45.8	51.8	.	8-20	1.0	2.3	32
Terral TV4589RR	45.1	47.6	45.5	8-20	1.3	1.0	30
Delta King 4680	44.3	45.6	.	8-22	1.0	1.7	31
Croplan Genetics RC3866	43.9	.	.	8-17	1.0	2.0	27
Delta King 4763RR	43.8	.	.	8-22	1.0	1.0	26
ASGROW AG3503	42.7	.	.	8-10	1.0	2.7	25
Williams 82	42.6	45.8	42.0	8-15	1.0	3.7	30
Deltapine DP 4344RR	42.6	44.9	.	8-20	1.0	2.0	31
Croplan Genetics RC3838	42.5	.	.	8-17	1.0	1.0	24
Deltapine DP 4690RR	42.4	42.6	.	8-22	1.0	1.3	32
ASGROW AG4301	42.3	.	.	8-20	1.0	1.3	28
Syngenta S39-Q4	41.5	.	.	8-10	1.0	2.0	26
ASGROW AG3903	41.4	.	.	8-17	1.0	1.0	28
SS-RT 4098	41.3	.	.	8-17	1.0	1.3	29
Delta King 4461RR	40.5	.	.	8-20	1.0	1.3	31
Hartz H4554RR	39.1	.	.	8-20	1.0	1.0	28
Armor 42L2	37.7	.	.	8-17	1.0	1.7	35
SS-RT 3975	37.6	.	.	8-17	1.0	1.0	32
Delta King 4762 RR	35.5	42.5	37.3	8-22	1.0	1.3	41
HBK R4660	35.5	39.5	38.5	8-22	1.0	1.0	34
Pioneer 93B67	34.0	.	.	8-10	1.0	2.3	29
Grand mean	44.6	.	.	8-18	1.0	1.5	30
LSD (5%)	9.7	.	.	1	0.3	0.9	4
C.V. (%)	13.5	.	.	1	17.0	.	8

Table 2. Performance of Nonirrigated Early Planted Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Late Maturing Cultivars (RM 4.8 to 5.3)</u>							
Morsoy RT4809	54.2	.	.	8-26	1.3	2.0	32
Pioneer 9492	52.8	51.4	45.9	8-26	1.0	1.7	34
SS-RT 4980	52.7	47.3	.	8-28	1.0	3.0	35
Croplan Genetics 480RR	51.4	51.8	.	8-26	1.0	2.3	31
Progeny 4858RR	51.3	47.7	.	8-28	1.0	2.3	34
Manokin	50.9	45.0	39.7	9-12	1.0	1.0	22
Terral TV4890RR	50.9	48.6	.	8-24	1.0	1.7	35
Delta King XTJ 184RR	50.8	.	.	8-26	1.0	2.0	33
Delta King 4868RR	50.1	51.7	45.1	8-26	1.0	2.0	33
Deltapine SG 498RR	49.5	45.1	40.2	8-28	1.0	1.7	30
HBK R4820	49.4	.	.	8-28	1.0	1.3	32
Dixie 4803RR	49.4	.	.	8-28	1.0	3.0	34
Delta King 4965 RR	48.9	50.8	44.5	8-26	1.0	1.7	31
Hartz H4884RR	48.7	48.1	.	8-26	1.3	2.7	34
Deltapine DP 5110S	48.4	.	.	9-10	1.3	2.3	37
Progeny 4910	46.4	47.4	.	8-26	1.0	2.3	31
Delta King 5267RR	45.7	42.8	.	9-09	1.0	2.0	32
ASGROW AG5001	45.6	44.9	37.6	8-26	1.0	2.3	32
Terral TV4886RR	45.6	44.7	.	8-28	1.0	2.0	38
ASGROW AG4902	45.1	44.7	39.3	8-28	1.0	2.0	33
DT97-4290	42.2	.	.	8-28	1.3	1.3	33
Croplan Genetics RC4995	41.7	.	.	8-24	1.0	2.7	39
Morsoy RT5110	40.9	.	.	9-14	1.0	1.7	30
SS-RT 5001N	39.4	.	.	9-10	1.3	1.3	31
FFR 4900RR	38.1	.	.	9-10	1.3	2.3	33
Delta King 5366RR	34.8	39.5	.	9-14	1.7	1.3	35
Hartz H5231RR	34.4	.	.	9-14	1.0	1.7	27
Syngenta S52-U3	32.5	.	.	9-12	1.3	1.3	26
Progeny 5120N	30.4	.	.	9-10	2.0	1.0	36
Prairie RRI	28.8	.	.	9-12	2.7	1.7	44
Croplan Genetics YRC49	27.1	.	.	9-07	1.0	1.0	23
Grand mean	44.5	.	.	9-02	1.2	1.9	33
LSD (5%)	9.5	.	.	ns	0.6	1.1	3
C.V. (%)	13.0	.	.	.	.	.	5

Table 3. Performance of Irrigated Early Planted Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Early Maturing Cultivars (RM 4.7 or Less)</u>						
HBK 4891	56.1	36.8	8-28	2.0	2.0	29
Croplan Genetics RC4444	52.3	.	8-28	1.3	1.3	29
Delta King 4680	47.8	.	8-28	2.3	1.3	27
Delta King 4711	47.0	34.7	8-28	3.0	1.0	27
HBK XR441-01	47.0	.	8-28	1.3	1.7	27
Pioneer 94B73	46.5	.	8-28	2.3	1.0	30
ASGROW AG4301	46.4	.	8-28	1.3	1.0	27
Deltapine DP 4690RR	45.8	.	8-28	2.0	1.0	28
ASGROW AG4403	45.7	.	8-16	1.7	1.7	29
Delta King 4461RR	45.6	.	8-28	1.3	1.7	27
Armor 47-G7	45.6	.	8-28	1.3	1.0	27
Delta King 4763RR	43.9	.	8-28	1.7	1.0	24
Deltapine DP 4748S	43.8	.	8-28	2.3	1.3	31
Terral TV4589RR	43.3	34.3	8-28	2.0	1.3	27
Armor 44R4	42.5	.	8-22	1.0	1.7	26
Hartz HX40-93038	42.2	.	8-16	1.0	1.3	22
Pioneer 94B23	42.1	.	8-10	1.3	1.0	25
Williams 82	41.9	28.2	8-10	1.7	1.3	26
Deltapine DP 4344RR	41.1	.	8-22	2.0	1.3	31
Delta King 4762 RR	40.7	34.0	8-28	1.3	1.0	29
HBK R4660	40.3	34.2	8-28	1.7	1.0	30
Hartz H4554RR	40.1	.	8-28	1.0	1.0	27
SS-RT 4098	39.6	.	8-09	1.0	1.0	23
ASGROW AG3702	38.1	.	8-08	1.0	1.0	22
Delta King 3964RR	37.7	.	8-09	1.3	1.0	25
Delta King 3968RR	37.5	.	8-06	1.0	1.0	21
Delta King 3961RR	37.5	.	8-10	1.7	1.0	26
Syngenta S46-G2	37.2	.	8-28	1.7	1.0	30
ASGROW AG3903	36.9	.	8-10	1.7	1.0	26
Croplan Genetics RT4241	36.4	.	8-10	2.0	1.0	28
SS-RT 3975	36.1	25.7	8-10	1.0	1.0	25
HBK SB3980RR	35.9	.	8-10	1.3	1.0	21
ASGROW AG3503	35.6	.	8-06	1.0	1.0	23
Croplan Genetics RC3866	35.4	.	8-10	1.0	1.0	25
SS-RT 446N	34.9	.	8-28	1.7	1.7	27
Armor 42L2	34.9	.	8-10	2.0	1.0	28
Syngenta S39-Q4	32.7	.	8-07	1.0	1.0	21
Pioneer 93B67	29.8	.	8-07	1.0	2.0	25
Hartz HX38-92955	29.2	.	8-06	1.0	1.0	23
Croplan Genetics RC3838	26.4	.	8-07	1.0	1.0	22
Delta King 3862RR	25.9	.	8-10	1.0	1.3	23
Grand mean	40.1	.	8-18	1.5	1.2	26
LSD (5%)	8.1	.	5	0.7	0.5	3
C.V. (%)	12.4	.	7	.	.	7

Table 3. Performance of Irrigated Early Planted Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Late Maturing Cultivars (RM 4.8 to 5.3)</u>							
Progeny 5120N	66.2	.	.	9-13	1.0	1.0	29
Croplan Genetics YRC49	64.0	.	.	9-13	1.0	1.0	21
Morsoy RT5110	62.3	.	.	9-15	1.0	1.0	26
Pioneer 9492	60.9	42.8	37.6	9-08	1.3	1.0	29
Croplan Genetics RC4995	60.0	.	.	9-08	1.3	1.0	31
Manokin	59.9	40.8	37.7	9-13	1.0	1.0	21
Hartz H5231RR	59.2	.	.	9-13	1.0	1.0	23
SS-RT 5001N	59.0	.	.	9-12	1.0	1.0	31
FFR 4900RR	59.0	.	.	9-12	1.0	1.0	30
Terral TV4890RR	58.8	41.8	.	9-07	1.0	1.0	34
Syngenta S52-U3	58.5	.	.	9-13	1.0	1.0	25
Delta King 5267RR	57.0	40.6	.	9-11	1.0	1.0	29
HBK R4820	56.7	.	.	9-07	1.7	1.0	31
ASGROW AG5001	56.4	40.7	35.6	9-09	1.0	1.0	29
DT97-4290	55.8	.	.	9-08	1.3	1.0	31
Deltapine DP 5110S	55.7	.	.	9-09	1.3	1.0	33
Delta King 5366RR	55.3	41.8	.	9-23	1.0	1.0	27
Dixie 4803RR	55.0	.	.	9-07	1.0	1.0	31
Delta King XTJ 184RR	54.6	.	.	9-08	1.0	1.0	33
SS-RT 4980	53.7	40.2	.	9-07	1.0	1.0	31
Delta King 4965 RR	52.9	40.6	36.3	9-08	1.0	1.0	29
Deltapine SG 498RR	52.3	38.0	34.1	9-07	1.0	1.0	27
ASGROW AG4902	51.6	37.6	34.4	9-08	1.0	1.0	31
Terral TV4886RR	51.0	37.2	.	9-08	1.0	1.0	35
Hartz H4884RR	51.0	38.6	.	9-09	1.0	1.0	33
Delta King 4868RR	49.5	40.5	35.5	9-09	1.0	1.0	28
Croplan Genetics 480RR	48.7	37.5	.	9-07	1.3	1.0	31
Progeny 4858RR	48.6	38.5	.	9-10	1.3	1.0	35
Prairie RRI	48.5	.	.	9-13	5.0	1.0	45
Morsoy RT4809	43.3	.	.	9-08	1.0	1.0	27
Progeny 4910	43.1	34.8	.	9-09	1.0	1.0	31
Grand mean	55.1	.	.	9-10	1.2	1.0	30
LSD (5%)	11.9	.	.	3	0.4	ns	4
C.V. (%)	13.2	.	.	2	.	.	.

¹ Two year averages for early maturing cultivars are from 1999 and 2001 (no data reported for 2000).

Soil Series..... Marietta fine sandy loam
 Previous Crop..... Soybean
 Row Width..... 32 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 4-06-01
 Herbicide Application..... 1.75 pts./A Dual Magnum + 2.0 oz./A Scepter 70DF, 4-06-01
 1.5 pts./A Basagran + 1.0 pt/A Blazer, 6-13-01
 Irrigation Dates..... 6-26-01, 7-24-01
 Harvest Date..... Early maturing cultivars: 8-14-01, 8-28-01
 Late maturing cultivars: 9-14-01, 9-28-01

Table 4. Performance of Irrigated Early Planted Soybean Cultivars, Kibler, AR, 2001.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Early Maturing Cultivars (RM 4.7 or Less)</u>					
SS-RT 4098	68.8	9-04	2.3	1.0	37
Delta King 4763RR	67.4	9-13	1.5	1.0	36
Armor 47-G7	67.2	9-12	1.7	1.0	39
Terral TV4589RR	65.5	9-10	1.2	1.0	40
HBK XR441-01	63.3	9-06	1.5	1.0	41
Armor 44R4	61.4	9-06	2.2	1.0	43
Deltapine DP 4748S	60.3	9-17	3.5	1.0	44
Hartz H4554RR	59.2	9-06	1.3	1.0	39
Delta King 4461RR	59.1	9-10	1.8	1.0	41
ASGROW AG4301	58.4	9-11	1.3	1.0	39
Pioneer 94B73	57.5	9-06	3.8	1.0	42
Croplan Genetics RC4444	56.9	9-10	1.7	1.0	42
ASGROW AG3503	56.6	9-03	3.7	1.0	37
Hartz HX40-93038	56.4	9-04	1.7	1.0	42
ASGROW AG3702	55.4	9-01	2.3	1.0	37
Delta King 3862RR	54.2	9-06	2.5	1.0	35
Syngenta S46-G2	53.5	9-11	1.7	1.0	43
Syngenta S39-Q4	53.2	8-30	1.7	1.2	38
HBK SB3980RR	53.2	8-28	1.8	1.2	34
Croplan Genetics RT4241	53.0	9-04	3.2	1.0	43
HBK 4891	51.8	9-09	2.8	1.0	41
ASGROW AG4403	51.8	9-08	2.3	1.0	44
Delta King 4680	51.5	9-13	3.5	1.0	39
Delta King 3968RR	51.4	8-28	1.5	2.3	36
SS-RT 446N	50.1	9-07	1.8	1.0	42
Croplan Genetics RC3838	50.0	8-27	2.3	1.5	34
Croplan Genetics RC3866	49.8	8-31	2.7	2.0	39
Pioneer 93B67	47.9	8-23	2.5	2.2	40
SS-RT 3975	47.3	9-02	3.0	1.0	39
Deltapine DP 4690RR	47.1	9-14	1.7	1.0	42
Pioneer 94B23	46.3	8-31	3.3	1.0	38
Delta King 4711	46.0	9-12	2.3	1.0	42
Hartz HX38-92955	45.2	8-21	2.7	1.5	37
HBK R4660	45.0	9-11	1.7	1.0	46
Armor 42L2	44.6	9-04	3.2	1.3	42
Williams 82	43.6	8-28	3.2	2.2	41
Delta King 4762 RR	43.5	9-18	1.7	1.0	51
Delta King 3961RR	43.3	9-03	2.3	1.0	40
Delta King 3964RR	42.9	8-29	3.0	1.2	39
Deltapine DP 4344RR	41.1	9-13	2.2	2.0	43
ASGROW AG3903	37.2	8-25	3.3	1.0	38
Grand mean	52.6	9-05	2.3	1.2	40
LSD (5%)	12.3	5	1.2	0.6	5
C.V. (%)	14.4	4	.	.	7

Table 4. Performance of Irrigated Early Planted Soybean Cultivars, Kibler, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Late Maturing Cultivars (RM 4.8 to 5.3)</u>					
Delta King 4868RR	60.6	9-18	1.5	1.0	42
Delta King 4965 RR	57.8	9-16	1.0	1.0	37
Deltapine SG 498RR	57.6	9-24	1.5	1.7	37
HBK R4820	57.1	9-25	1.0	1.0	41
Pioneer 9492	56.8	9-13	1.2	1.2	42
ASGROW AG5001	56.3	9-21	2.2	1.3	42
ASGROW AG4902	55.9	9-16	1.3	1.2	44
Manokin	55.7	10-02	1.0	1.0	35
Morsoy RT4809	54.2	9-25	1.0	1.0	41
Morsoy RT5110	53.8	10-01	1.0	1.0	44
Deltapine DP 5110S	53.6	9-27	2.2	1.0	51
DT97-4290	52.6	9-28	2.8	1.0	45
Progeny 5120N	51.7	9-28	1.2	1.0	41
Dixie 4803RR	51.1	9-21	2.0	1.5	44
Terral TV4886RR	50.4	9-19	2.8	1.0	47
SS-RT 5001N	50.4	9-26	1.0	1.0	46
SS-RT 4980	50.2	9-14	1.3	2.2	43
Terral TV4890RR	50.1	9-17	1.8	1.0	50
Croplan Genetics YRC49	50.0	9-27	2.3	1.0	34
Croplan Genetics RC4995	50.0	9-20	1.8	1.7	45
Progeny 4858RR	49.7	9-21	2.8	1.2	47
Delta King XTJ 184RR	49.7	9-19	2.5	2.0	44
Hartz H4884RR	49.6	9-21	2.7	2.0	45
Progeny 4910	49.3	9-21	1.3	1.0	43
Syngenta S52-U3	49.1	10-03	2.2	1.0	36
Croplan Genetics 480RR	48.5	9-20	2.2	2.0	45
Delta King 5366RR	47.4	10-01	2.8	1.0	38
Hartz H5231RR	46.2	9-29	1.0	1.0	40
FFR 4900RR	45.2	9-25	1.2	1.7	46
Delta King 5267RR	44.9	9-23	1.5	1.0	44
Prairie RRI	39.9	9-28	4.5	1.0	42
Grand mean	51.5	9-23	1.8	1.2	43
LSD (5%)	7.8	7	1.0	0.4	5
C.V. (%)	9.3	5	.	.	8

Table 4. Performance of Irrigated Early Planted Soybean Cultivars, Kibler, AR, 2001¹, Continued.

Soil Series..... Dardanelle silt loam
 Previous Crop..... Fallow
 Row Width..... 36 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 4-27-01
 Herbicide Application..... 1 pt./A Treflan + 40 g/A Pursuit, 4-27-01
 Irrigation Dates²..... 4-30-01, 6-06-01, 6-12-01, 6-13-01, 6-19-01, 7-03-01, 7-05-01, 7-12-01
 7-19-01, 7-24-01, 8-03-01, 8-08-01, 8-31-01
 Harvest Date..... Early maturing cultivars: 9-25-01
 Late maturing cultivars: 10-03-01

Precipitation (inches)

	April	May	June	July	August	September	Total
2001	2.0	6.6	2.4	0.0	2.7	2.6	16.3
Average	2.9	5.4	5.6	1.3	2.2	4.8	22.2
Departure	-0.9	+1.2	-3.2	-1.3	+0.5	-2.2	-5.9

¹There were no data reported for 1999 and 2000, therefore two- and three-year averages are not reported.

²An average of 0.57 inches of water was applied with an overhead sprinkler at each date.

Table 5. Yields of Maturity Groups IV, V, & VI Soybean Cultivars at All Locations, 2001¹.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>							
AgriPro/Garst 4501RR/N	48.6	*	*	*	52.6	*	*
AgriPro/Garst 4512RRN	61.2	*	*	*	55.6	*	*
Armor 42-L2	51.9	17.4	52.2	57.9	55.8	42.3	46.3
Armor 44-R4	60.4	21.9	62.4	52.7	66.7	54.0	53.0
Armor 47-G7	56.9	20.4	65.1	53.8	61.5	37.3	49.2
ASGROW A4324	57.6	22.0	58.2	48.0	68.5	42.8	49.5
ASGROW AG4301	55.6	20.4	56.3	49.2	55.6	46.4	47.3
ASGROW AG4403	60.6	22.3	59.3	56.8	64.5	51.2	52.5
ASGROW AG4702	55.9	19.6	56.7	50.4	58.0	45.8	47.7
Delta King 3862RR	52.4	17.6	51.0	48.6	53.0	37.8	43.4
Delta King 3961RR	49.7	23.2	49.8	46.0	53.0	36.0	43.0
Delta King 3964RR	53.3	17.5	51.4	48.0	46.1	40.2	42.8
Delta King 3968RR	58.9	24.4	53.5	45.0	52.9	39.5	45.7
Delta King 4461RR	61.9	19.8	59.2	50.9	60.5	48.9	50.2
Delta King 4680	49.7	15.2	53.9	57.7	53.2	44.9	45.8
Delta King 4711	54.3	20.9	51.8	58.0	51.9	49.6	47.8
Delta King 4762RR	52.4	18.6	48.6	52.9	55.4	47.4	45.9
Delta King 4763RR	62.1	21.6	64.3	58.9	63.0	37.9	51.3
Deltapine 4344RR	44.5	17.8	45.5	53.3	59.0	42.0	43.7
Deltapine 4748S	58.6	23.9	57.2	69.0	74.1	54.5	56.2
Deltapine DP4690RR	51.3	16.6	48.2	59.1	60.9	51.2	47.9
Deltapine DPX4300RR	59.2	21.4	53.9	50.1	56.5	41.5	47.1
Dixie 478	49.4	17.4	50.2	64.6	61.0	48.8	48.6
Dyna-Gro 3443NRR	63.0	20.9	61.0	59.9	60.8	46.4	52.0
Dyna-Gro 3468NRR	53.1	21.9	42.0	40.8	46.4	38.4	40.4
Hartz H4554RR	58.5	18.7	59.2	50.8	61.1	40.2	48.1
HBK 4891	57.5	22.1	52.4	63.0	60.5	57.0	52.1
HBK R4660	49.4	18.1	49.6	49.2	50.4	42.6	43.2
HBK R4820	58.2	18.5	55.3	61.3	72.7	51.0	52.8
MPV 457NRR	55.3	18.3	52.7	50.2	61.3	45.4	47.2
Syngenta S46-G2	51.2	18.3	53.0	57.0	51.9	45.5	46.2
Terral TV4589RR	56.9	20.4	53.9	49.1	59.8	37.1	46.2
Vigoro V462NRS	50.3	19.3	53.7	49.0	54.7	48.6	45.9
Willcross RR2569N	50.2	*	*	*	59.7	*	*
Grand mean	55.0	19.9	54.2	53.6	58.2	44.9	47.6
LSD (5%)	6.4	3.9	3.6	7.1	11.4	13.1	*
C.V. (%)	7.2	12.2	4.1	8.2	11.9	17.7	*

Table 5. Yields of Maturity Group IV, V, & VI Soybean Cultivars at All Locations, 2001¹, Continued.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Marianna Nonirr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>								
AgriPro AP 4888 RR	45.0	16.4	48.8	20.2	57.9	49.2	53.7	41.6
ASGROW AG4902	57.4	20.7	47.7	23.9	56.4	54.3	49.3	44.2
Croplan Genetics 480RR	50.3	20.1	49.2	21.4	51.5	54.7	51.9	42.7
Croplan Genetics RC4995	48.9	19.6	46.5	16.3	60.3	55.1	52.1	42.7
Delta Grow 4850RR	52.5	21.4	45.5	22.2	52.9	52.3	50.2	42.4
Delta Grow 4950RR	49.4	20.9	49.4	18.4	54.2	56.8	54.7	43.4
Delta King 4868RR	58.1	23.2	54.9	27.1	60.7	64.6	53.8	48.9
Delta King 4965 RR	48.3	21.9	50.8	24.5	53.9	50.4	49.8	42.8
Delta King XTJ184RR	51.2	21.5	53.2	23.7	56.0	49.2	54.0	44.1
Delta King XTJ201RR	56.2	23.6	57.1	24.5	54.3	54.2	48.1	45.4
Deltapine DPX 4885RR	50.3	19.2	48.6	22.2	59.8	54.5	45.5	42.9
Deltapine SG 498RR	47.8	24.6	44.3	19.2	55.6	56.8	49.8	42.6
Dixie 4803RR	49.4	15.7	46.7	19.6	57.1	55.7	53.7	42.6
DT97-4290	55.4	*	*	*	*	57.5	*	*
Dyna-Gro 3484NRR	53.4	20.1	54.1	22.9	52.7	52.4	50.5	43.7
EKXP 4855	40.5	17.3	37.6	18.1	55.9	34.2	40.0	34.8
ES Prairie RRI	42.8	17.4	38.4	21.0	61.3	54.3	51.9	41.0
FFR 4900RR	50.2	21.2	46.1	25.1	56.1	54.5	55.2	44.1
Hartz H4884RR	53.8	19.2	55.9	23.2	52.8	52.5	53.0	44.3
HBK R4920	52.7	18.0	47.4	17.3	53.1	61.8	53.6	43.4
HBK R5101	36.5	17.2	41.5	21.0	61.6	55.9	46.6	40.0
Manokin	50.8	24.0	48.0	23.9	56.7	55.1	61.3	45.7
Md 4900	54.2	24.4	40.6	29.6	52.1	58.5	50.1	44.2
MFA Morsoy RT 4809	57.9	20.6	55.1	26.5	49.4	64.3	50.9	46.4
Pioneer Variety 9492	54.3	21.5	52.9	22.0	54.0	43.8	54.7	43.3
Progeny 4858RR	52.6	19.7	53.9	24.7	53.9	52.7	52.6	44.3
Progeny 4901RR	52.8	20.1	47.1	20.0	54.4	58.2	47.9	42.9
Progeny 4910	53.2	21.2	45.3	27.6	66.2	69.8	63.8	49.6
S99-2607RR	40.4	*	*	*	*	49.4	*	*
Southern States RT4980	51.1	16.5	45.9	23.9	60.4	58.6	50.0	43.8
Terral TV4881	55.3	21.3	49.4	22.8	59.3	63.7	53.5	46.5
Terral TV4886RR	49.6	17.6	45.7	22.8	52.5	54.4	46.7	41.3
Terral TV4890RR	49.9	21.0	53.0	22.0	48.4	48.0	54.0	42.3
Terral TV4975	48.1	20.6	38.1	17.3	67.2	60.0	53.8	43.6
Triumph TR4810RR	57.4	18.7	53.7	21.6	54.9	54.1	48.0	44.1
USG 7489RR	48.8	17.0	49.8	21.9	51.2	55.1	50.0	42.0
Grand mean	50.7	20.1	48.3	22.3	56.0	54.9	51.6	43.4
LSD (5%)	5.1	4.3	5.2	4.8	9.8	8.2	7.3	*
C.V. (%)	6.2	13.3	6.6	13.3	10.8	9.2	8.7	*

Table 5. Yields of Maturity Groups IV, V, & VI Soybean Cultivars at All Locations, 2001¹, Continued.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Marianna Nonirr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>								
Accomac	51.4	--	43.6	25.3	65.1	56.0	57.1	49.8
AgriPro/Garst 5512RRN	54.0	--	37.1	23.9	64.7	62.7	61.2	50.6
Anand	67.0	--	53.2	26.4	53.1	63.4	57.7	53.5
Armor 52-C2	60.4	--	50.9	26.0	69.4	65.7	45.6	53.0
Armor 53-K3	59.5	--	49.3	22.2	63.5	51.1	47.6	48.9
Armor 54-Z4	59.7	--	45.0	28.5	68.2	64.3	53.2	53.2
Armor 56-J6	63.3	--	48.8	21.6	52.1	68.7	59.5	52.3
ASGROW AG5001	54.2	--	46.7	24.1	65.1	54.9	50.3	49.2
ASGROW AG5501	56.7	--	47.4	22.2	69.8	60.3	54.1	51.8
ASGROW AG5602	53.8	--	48.6	22.2	60.8	56.1	52.5	49.0
ASGROW AG5603	59.6	--	45.9	23.4	68.0	62.7	56.4	52.7
Caviness	56.8	--	46.3	29.3	65.8	60.0	58.3	52.8
Croplan Genetics RC5252	56.0	--	54.5	25.2	57.7	45.0	57.3	49.3
Croplan Genetics RC5454	58.4	--	42.5	23.7	68.8	59.9	48.1	50.2
Croplan Genetics YRC51	45.0	--	42.1	24.1	61.8	50.7	55.6	46.6
Croplan Genetics YRC56	51.5	--	44.6	22.6	67.8	55.0	59.4	50.2
Delsoy 5500	50.6	--	46.9	24.5	71.3	58.3	52.8	50.7
Delta Grow 5250RR	57.3	--	51.1	23.5	59.8	49.5	52.3	48.9
Delta Grow 5450RR	58.6	--	42.1	24.7	69.6	55.2	48.2	49.7
Delta Grow 5600RR	50.1	--	41.5	19.5	67.5	54.0	59.0	48.6
Delta Grow 5630RR	55.5	--	45.0	24.9	52.7	65.1	54.2	49.6
Delta King 5366RR	65.8	--	55.3	27.6	53.8	66.4	64.9	55.6
Delta King 5465RR	54.5	--	43.0	22.4	64.3	56.9	58.9	50.0
Delta King 5661RR	59.8	--	52.8	22.0	61.8	61.8	58.7	52.8
Delta King 5668RR	57.7	--	55.9	22.6	62.1	64.2	56.4	53.2
Delta King XTJ202RR	67.2	--	49.0	22.6	56.2	66.4	66.7	54.7
Delta King XTJ203RR	60.9	--	39.4	27.0	69.8	52.8	49.7	49.9
Delta King XTJ204RR	58.3	--	45.5	21.6	61.4	67.0	60.7	52.4
Delta King XTJ205RR	59.9	--	54.3	27.4	67.4	61.1	62.1	55.4
Deltapine DP5644RR	59.1	--	49.9	22.0	66.3	51.2	57.3	51.0
Deltapine DP5110S	60.0	--	48.8	28.9	74.7	61.1	51.6	54.2
Deltapine DP5414RR	51.1	--	47.8	26.6	62.7	56.5	52.1	49.5
Dyna-Gro 3521NRR	56.3	--	47.3	22.6	57.5	52.1	56.3	48.7
Dyna-Gro 3535NRR	62.8	--	56.2	21.4	59.4	67.7	69.7	56.2
Dyna-Gro 3562NRR	59.9	--	53.9	23.2	64.6	64.7	59.2	54.3
Dyna-Gro 3518NRR	47.8	--	44.0	24.7	64.5	55.4	48.8	47.5
Dyna-Gro 3543NRR	54.3	--	40.0	25.8	64.4	55.8	51.7	48.7
ES Punch RR	50.4	--	42.3	21.6	63.1	50.4	49.2	46.2
ES Ranger RR	47.0	--	48.0	24.5	64.6	49.2	51.4	47.5
Hartz H5231RR	61.3	--	42.5	27.4	62.4	60.7	53.4	51.3
Hartz H5444RR	60.6	--	43.8	24.3	69.2	67.8	56.9	53.8
HBK R5420	56.2	--	48.0	25.1	67.9	54.4	52.9	50.8
HBK R5588	53.0	--	41.1	24.7	61.3	53.0	49.6	47.1
HBK R5620	61.9	--	44.4	20.8	55.3	62.0	58.2	50.4
HBK X550-01	54.6	--	*	*	*	53.5	*	*

Table 5. Yields of Maturity Groups IV, V, & VI Soybean Cultivars at All Locations, 2001¹, Continued.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Marianna Nonirr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>								
Hutcheson	56.1	--	48.0	26.8	71.7	63.7	55.4	53.6
Morsoy RT5110N	54.0	--	49.2	26.4	58.0	49.9	54.2	48.6
Morsoy RT5440N	59.3	--	41.5	27.0	67.1	68.5	53.8	52.9
Morsoy RT5620N	54.0	--	52.0	28.3	66.1	63.5	62.3	54.4
Pioneer Brand 95B32	62.9	--	47.8	26.8	58.1	57.2	58.8	51.9
Pioneer Brand 95B53	55.1	--	53.4	25.4	52.1	54.9	58.2	49.9
Progeny 5120N	48.5	--	46.9	25.6	60.0	59.6	61.2	50.3
Progeny 5410RR	45.4	--	41.9	22.8	67.2	49.6	56.8	47.3
Progeny 5415RR	54.4	--	36.4	23.3	66.1	65.3	52.0	49.6
Progeny 5585RR	52.1	--	39.6	25.0	54.2	50.2	58.2	46.6
Progeny 5600	54.9	--	43.8	27.9	62.8	65.1	51.2	51.0
Progeny 5660RR	60.0	--	49.7	22.2	62.6	70.5	60.9	54.3
R96-209	61.6	--	51.9	22.6	70.6	66.2	49.9	53.8
S99-2447RR	46.5	--	*	*	*	56.4	*	*
S99-2448RR	49.1	--	*	*	*	53.9	*	*
Southern States SS5200STS	41.5	--	37.3	16.5	58.9	53.7	47.7	42.6
Southern States SSRT5001N	46.9	--	43.0	27.6	61.8	52.1	46.9	46.4
Southern States RT557N	49.9	--	43.4	21.4	71.0	49.5	61.0	49.4
Southern States SSRT517N	45.4	--	37.3	24.1	57.2	57.2	52.9	45.7
Terral TV52R42	49.4	--	44.6	29.3	65.8	45.0	57.2	48.6
Terral TV5486RR	53.4	--	38.7	22.7	69.6	46.9	55.2	47.8
Terral TV5666RR	49.1	--	34.8	23.2	64.1	54.8	55.1	46.9
Terral TVX54R001	55.5	--	43.4	21.4	65.6	58.3	54.2	49.7
Terral TVX56R001	60.8	--	45.0	23.7	58.9	68.0	60.5	52.8
Terral TVX5R400	53.4	--	42.7	22.2	65.4	61.0	50.1	49.1
Terral TVX5R600	58.0	--	51.7	18.6	58.2	69.3	60.5	52.7
TN 96-58	63.0	--	44.8	26.6	65.0	67.2	52.8	53.2
USG 510NRR	56.5	--	48.4	26.2	58.2	57.8	56.9	50.7
USG 540NRR	57.6	--	32.0	19.1	62.2	56.3	45.8	45.5
Vigoro V552NRR	54.4	--	51.3	24.1	63.4	54.0	66.2	52.2
Willcross RR2517N	52.0	--	*	*	*	52.4	*	*
Willcross RR2520N	57.7	--	*	*	*	51.1	*	*
Willcross RR2549N	46.3	--	*	*	*	50.9	*	*
Grand Mean	55.4	--	45.9	24.2	63.3	58.1	55.5	50.4
LSD (5%)	6.4	--	6.9	5.4	7.3	8.2	12.8	.
C.V. (%)	7.2	--	9.4	14.0	7.2	8.8	14.4	.
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>								
Armor 59-B9	47.0	19.5	43.2	--	64.6	47.2	53.3	45.8
ASGROW A5959	55.6	17.9	57.0	--	65.4	70.2	58.2	54.1
ASGROW AG5701	53.4	14.7	47.2	--	60.9	61.1	54.4	48.6
ASGROW AG5901	51.3	20.0	47.1	--	65.6	50.8	61.3	49.4
ASGROW AG5902	46.8	15.5	41.7	--	67.2	52.2	53.7	46.2

Table 5. Yields of Maturity Groups IV, V, & VI Soybean Cultivars at All Locations, 2001¹, Continued.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Marianna Nonirr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>								
Bolivar	50.2	17.6	45.9	--	65.6	58.6	45.1	47.2
Croplan Genetics 590RR	50.6	17.6	39.6	--	63.5	54.4	57.4	47.2
Croplan Genetics YRC57	45.6	16.6	45.1	--	66.1	51.5	58.9	47.3
Croplan Genetics YRC58	54.9	21.7	44.2	--	58.5	49.4	55.8	47.4
Delsoy 5710	44.9	16.5	41.3	--	56.5	45.8	48.8	42.3
Delta Grow 5950RR	51.5	17.8	44.2	--	63.6	54.5	53.5	47.5
Delta King 5762RR	59.0	19.6	46.7	--	70.1	55.9	54.8	51.0
Delta King 5850	54.2	21.7	48.2	--	64.6	55.8	56.7	50.2
Delta King 5961RR	47.4	16.0	30.8	--	65.2	50.1	57.9	44.6
Delta King 5995	64.7	18.5	55.7	--	63.9	64.6	57.9	54.2
Deltapine DP5806RR	52.3	18.3	42.7	--	64.8	53.6	57.1	48.1
Deltapine DP5915RR	61.7	23.2	50.5	--	64.4	52.9	56.4	51.5
Deltapine DP5989	49.5	22.6	41.5	--	70.5	53.2	54.9	48.7
DT96-6840	54.9	*	*	--	*	54.3	*	*
Dyna-Gro 3582NRR	55.8	19.6	46.1	--	67.9	48.8	54.2	48.7
ES Marshal RR	48.8	15.3	28.3	--	52.0	45.0	52.6	40.3
ES Trooper RR	45.0	18.7	45.9	--	63.5	50.6	52.5	46.0
Hartz H5885RR	51.8	18.2	53.4	--	62.8	59.6	58.2	50.7
HBK 5812	51.0	21.1	40.6	--	71.2	48.1	58.2	48.4
HBK 5990	59.5	23.2	48.8	--	65.2	57.6	61.4	52.6
HBK 5991	55.0	23.6	53.4	--	66.9	62.3	53.6	52.5
HBK 5992	52.0	*	*	--	*	54.8	*	*
HBK R5820	49.6	21.1	40.9	--	61.0	50.5	50.8	45.7
HBK R5920	52.6	16.7	47.5	--	62.1	54.0	53.6	47.8
Morsoy RT5900N	57.6	18.1	44.2	--	65.6	53.2	52.8	48.6
Pioneer 95B96	61.2	23.6	50.9	--	66.8	66.4	54.8	54.0
Pioneer 95B97	60.9	20.8	52.2	--	65.9	61.5	53.2	52.4
Pioneer Brand 9594	60.0	25.1	46.9	--	71.6	70.8	54.6	54.8
Pioneer Brand 95B95	57.5	20.3	41.9	--	61.0	57.0	46.6	47.4
Progeny 5900RR	54.9	18.4	43.6	--	66.2	52.7	53.2	48.2
R95-2210	51.8	24.1	54.3	--	67.9	56.8	54.1	51.5
Southern States 597N	55.7	18.7	39.2	--	71.1	56.0	56.6	49.6
Southern States RT5999N	49.1	22.3	46.7	--	62.4	55.0	53.3	48.1
Syngenta S57-A4	49.0	18.5	45.7	--	58.7	45.3	52.8	45.0
Syngenta S58-R3	54.0	19.5	49.4	--	58.5	46.7	58.8	47.8
Syngenta S59-V6	54.2	22.5	37.1	--	60.5	53.3	60.3	48.0
Terral TV5926	47.6	21.5	39.2	--	57.0	47.3	49.8	43.7
Terral TV59R85	53.5	15.8	45.5	--	67.2	52.1	55.4	48.3
Terral TV59R98	47.6	20.6	44.8	--	63.0	34.9	55.7	44.4
Terral TVX58R001	53.0	20.9	39.8	--	67.3	49.0	57.6	47.9
Terral TVX5R800	55.9	19.3	43.4	--	68.7	48.7	60.4	49.4
Terral TVX5R900	49.7	22.7	45.7	--	62.9	38.6	56.5	46.0
UARK-5798	52.3	21.4	45.5	--	72.7	57.4	55.5	50.8
UARK-5896	55.8	23.7	46.5	--	66.7	56.7	53.8	50.5

Table 5. Yields of Maturity Groups IV, V, & VI Soybean Cultivars at All Locations, 2001¹, Continued.

Brand/Hybrid	Keiser Irr.	Keiser Nonirr.	Marianna Irr.	Marianna Nonirr.	Stuttgart Irr.	Rohwer Irr.	Clark Co. Irr.	Avg.
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>								
USG Exp570	60.9	17.5	49.9	--	57.3	63.5	56.2	50.9
V91-3036	48.2	20.3	39.6	--	63.7	50.0	47.3	44.9
Willcross RR2580N	53.7	*	*	--	*	56.7	*	*
Willcross RR2590NSTS	61.8	*	*	--	*	47.4	*	*
Grand Mean	53.3	19.8	45.1	--	64.4	53.7	54.9	48.5
LSD (5%)	7.4	5.7	6.3	--	6.5	7.8	7.4	.
C.V. (%)	8.5	17.6	8.6	--	6.2	8.9	8.2	.
<u>Maturity Group VI</u>								
AgriPro/Garst 6612RRN	45.8	--	--	--	*	51.4	*	*
AgriPro/Garst XR0162N44	56.6	--	--	--	*	53.9	*	*
ASGROW AG6201	47.4	--	--	--	65.8	54.4	53.4	55.3
Dillon	51.6	--	--	--	60.4	54.3	53.1	54.9
Dyna-Gro 3600NRR	47.8	--	--	--	64.4	50.5	56.8	54.9
HBK R6020	52.2	--	--	--	69.5	55.9	50.3	57.0
Pioneer Brand 96B21RR	53.6	--	--	--	67.7	63.0	45.9	57.6
R92-1258	49.2	--	--	--	70.9	57.8	60.3	59.6
Vigoro V622NRR	53.4	--	--	--	*	54.6	*	*
Grand mean	50.8	--	--	--	66.4	55.1	53.3	56.4
LSD (5%)	6.6	--	--	--	8.0	8.5	10.6	.
C.V. (%)	7.5	--	--	--	6.6	8.8	10.9	.

¹ Because of hot and dry conditions, resulting in reduced yields and poor uniformity, the nonirrigated MG5 Early and MG6 tests at Keiser, the irrigated MG6 at Marianna, and the nonirrigated MG4 early, MG5 Late and MG6 tests at Marianna will not be reported.

-- = These tests are not reported due to reduced yields and poor uniformity.

* = Strains, tested only in Keiser Irrigated and Rohwer Irrigated tests.

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>							
Dyna-Gro 3443NRR	63.0	.	.	9-16	1.3	1.0	41
Delta King 4763RR	62.1	.	.	9-23	2.0	1.0	42
Delta King 4461RR	61.9	.	.	9-16	1.0	1.0	45
AgriPro/Garst 4512RRN	61.2	.	.	9-18	1.0	2.0	39
ASGROW AG4403	60.6	50.8	.	9-18	1.0	1.0	45
Armor 44-R4	60.4	.	.	9-18	1.0	1.0	44
Deltapine DPX4300RR	59.2	.	.	9-16	1.3	2.0	41
Delta King 3968RR	58.9	.	.	9-12	1.0	4.0	36
Deltapine 4748S	58.6	57.3	.	9-23	2.7	2.0	50
Hartz H4554RR	58.5	.	.	9-16	1.3	2.0	43
HBK R4820	58.2	.	.	9-20	1.3	1.0	46
ASGROW A4324	57.6	52.2	.	9-14	2.7	2.0	40
HBK 4891	57.5	55.2	54.1	9-20	1.0	1.0	47
Terral TV4589RR	56.9	50.0	.	9-16	2.3	2.0	45
Armor 47-G7	56.9	.	.	9-20	2.0	1.0	44
ASGROW AG4702	55.9	51.2	49.7	9-20	1.3	2.0	43
ASGROW AG4301	55.6	.	.	9-20	1.7	1.0	44
MPV 457NRR	55.3	45.6	46.9	9-20	2.7	1.0	41
Delta King 4711	54.3	48.3	49.4	9-23	2.0	2.0	51
Delta King 3964RR	53.3	.	.	9-14	2.3	2.0	45
Dyna-Gro 3468NRR	53.1	50.5	49.1	9-25	1.3	1.0	38
Delta King 4762 RR	52.4	50.8	52.4	9-24	1.7	1.0	44
Delta King 3862RR	52.4	.	.	9-14	1.0	2.0	43
Armor 42-L2	51.9	.	.	9-14	2.7	2.0	45
Deltapine DP4690RR	51.3	48.1	50.0	9-22	1.7	1.0	47
Syngenta S46-G2	51.2	.	.	9-18	1.0	1.0	46
Vigoro V462NRS	50.3	.	.	9-16	2.7	1.0	44
Willcross RR2569N	50.2	.	.	9-16	2.7	1.0	38
Delta King 4680	49.7	43.4	43.6	9-25	1.3	1.0	43
Delta King 3961RR	49.7	.	.	9-14	1.0	2.0	40
Dixie 478	49.4	54.0	52.0	9-23	2.7	1.0	52
HBK R4660	49.4	45.4	47.2	9-22	1.3	1.0	46
AgriPro/Garst 4501RR/N	48.6	.	.	9-18	2.3	3.0	47
Deltapine 4344RR	44.5	43.2	.	9-14	3.0	2.0	46
Grand mean	55.0	.	.	9-18	1.7	1.5	44
LSD (5%)	6.4	.	.	ns	1.1	ns	.
C.V. (%)	7.2	.	.	.	.	.	.

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>							
Delta King 4868RR	58.1	56.5	56.8	9-23	1.0	1.0	44
MFA Morsoy RT 4809	57.9	53.9	53.2	9-23	1.0	1.0	47
ASGROW AG4902	57.4	51.5	53.1	9-26	1.0	1.0	39
Triumph TR4810RR	57.4	.	.	9-23	1.7	1.0	48
Delta King XTJ201RR	56.2	.	.	9-19	1.0	1.0	47
DT97-4290	55.4	54.9	.	9-24	2.7	1.0	39
Terral TV4881	55.3	52.2	52.8	9-21	2.0	1.0	48
Pioneer Variety 9492	54.3	50.1	50.7	9-23	1.0	1.0	39
Md 4900	54.2	55.1	53.3	9-24	1.0	1.0	32
Hartz H4884RR	53.8	49.5	.	9-23	1.0	2.0	48
Dyna-Gro 3484NRR	53.4	50.1	.	9-24	1.3	1.0	46
Progeny 4910	53.2	49.7	50.3	9-24	2.3	1.0	47
Progeny 4901RR	52.8	.	.	9-21	2.3	1.0	46
HBK R4920	52.7	49.3	.	9-24	2.3	1.0	44
Progeny 4858RR	52.6	.	.	9-24	1.7	1.0	46
Delta Grow 4850RR	52.5	47.2	49.0	9-23	2.0	2.0	48
Delta King XTJ184RR	51.2	.	.	9-23	1.0	2.0	46
Southern States RT4980	51.1	50.7	.	9-24	2.3	1.0	49
Manokin	50.8	47.8	50.3	9-26	2.3	1.0	36
Croplan Genetics 480RR	50.3	46.0	.	9-24	1.7	2.0	47
Deltapine DPX 4885RR	50.3	.	.	9-24	2.3	1.0	50
FFR 4900RR	50.2	.	.	9-26	2.0	1.0	48
Terral TV4890RR	49.9	42.4	46.9	9-21	1.3	1.0	45
Terral TV4886RR	49.6	48.0	.	9-24	1.3	2.0	51
Delta Grow 4950RR	49.4	.	.	9-21	2.3	1.0	50
Dixie 4803RR	49.4	43.2	45.2	9-24	1.7	1.0	43
Croplan Genetics RC4995	48.9	.	.	9-21	1.3	1.0	47
USG 7489RR	48.8	.	.	9-23	1.7	1.0	51
Delta King 4965RR	48.3	45.4	48.6	9-24	1.3	1.0	45
Terral TV4975	48.1	46.4	45.4	9-26	3.3	1.0	53
Deltapine SG 498RR	47.8	49.0	51.2	9-28	1.0	1.0	42
AgriPro AP 4888 RR	45.0	46.2	46.4	9-23	2.7	1.0	46
ES Prairie RRI	42.8	47.6	.	9-26	4.7	1.0	52
EKXP 4855	40.5	.	.	9-23	1.7	1.0	55
S99-2607RR	40.4	.	.	9-23	3.3	1.0	52
HBK R5101	36.5	.	.	9-24	2.7	1.0	53
Grand mean	50.7	.	.	9-24	1.9	1.1	46
LSD (5%)	5.1	.	.	ns	0.8	ns	.
C.V. (%)	6.2	.	.	.	.	.	.

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>							
Delta King XTJ202RR	67.2	.	.	10-04	4.0	1.0	47
Anand	67.0	62.6	60.8	10-04	1.0	1.0	35
Delta King 5366RR	65.8	70.1	.	10-04	2.3	1.0	43
Armor 56-J6	63.3	.	.	10-08	2.3	1.0	46
TN 96-58	63.0	.	.	10-04	2.0	1.0	41
Pioneer Brand 95B32	62.9	63.3	64.5	10-02	1.0	1.0	39
Dyna-Gro 3535NRR	62.8	63.7	.	10-02	3.3	1.0	43
HBK R5620	61.9	.	.	10-06	3.0	1.0	46
R96-209	61.6	62.1	.	10-04	2.3	1.0	44
Hartz H5231RR	61.3	62.9	.	10-02	1.0	2.0	44
Delta King XTJ203RR	60.9	.	.	10-04	1.0	1.0	44
Terral TVX56R001	60.8	.	.	10-06	2.7	1.0	47
Hartz H5444RR	60.6	.	.	10-02	1.3	1.0	43
Armor 52-C2	60.4	60.0	.	10-01	2.7	1.0	36
Progeny 5660RR	60.0	62.3	.	10-07	2.3	1.0	47
Deltapine DP5110S	60.0	.	.	10-01	2.0	1.0	49
Dyna-Gro 3562NRR	59.9	61.5	.	10-04	1.7	1.0	41
Delta King XTJ205RR	59.9	.	.	10-04	3.0	1.0	41
Delta King 5661RR	59.8	62.7	61.8	10-04	2.0	1.0	47
Armor 54-Z4	59.7	.	.	10-02	1.0	1.0	44
ASGROW AG5603	59.6	.	.	10-06	1.0	1.0	43
Armor 53-K3	59.5	.	.	10-02	1.0	1.0	39
Morsoy RT5440N	59.3	60.5	.	10-02	1.0	1.0	46
Deltapine DP5644RR	59.1	59.2	56.3	10-04	1.3	1.0	44
Delta Grow 5450RR	58.6	61.3	.	10-04	1.0	1.0	42
Croplan Genetics RC5454	58.4	.	.	10-02	1.0	1.0	42
Delta King XTJ204RR	58.3	.	.	10-04	2.0	1.0	48
Terral TVX5R600	58.0	.	.	10-07	2.3	1.0	46
Delta King 5668RR	57.7	60.9	.	10-02	3.0	1.0	44
Willcross RR2520N	57.7	60.1	57.6	10-01	1.3	1.0	41
USG 540NRR	57.6	.	.	10-02	1.0	1.0	46
Delta Grow 5250RR	57.3	59.1	.	10-03	1.0	1.0	44
Caviness	56.8	53.3	54.4	10-04	2.3	1.0	45
ASGROW AG5501	56.7	59.7	.	10-04	3.0	2.0	46
USG 510NRR	56.5	.	.	10-06	1.0	1.0	46
Dyna-Gro 3521NRR	56.3	60.1	.	10-01	1.0	1.0	43
HBK R5420	56.2	.	.	10-04	1.7	1.0	46
Hutcheson	56.1	61.8	59.2	10-07	2.0	1.0	43
Croplan Genetics RC5252	56.0	.	.	10-03	1.0	1.0	46
Delta Grow 5630RR	55.5	59.5	.	10-04	2.7	1.0	47
Terral TVX54R001	55.5	.	.	10-02	1.0	1.0	41
Pioneer Brand 95B53	55.1	57.4	54.1	10-02	3.0	1.0	39
Progeny 5600	54.9	59.1	54.9	10-04	2.3	1.0	42
HBK X550-01	54.6	.	.	10-04	1.0	1.0	42
Delta King 5465RR	54.5	61.6	.	10-02	1.0	1.0	46

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>							
Progeny 5415RR	54.4	.	.	10-02	1.0	1.0	43
Vigoro V552NRR	54.4	.	.	10-02	2.7	1.0	42
Dyna-Gro 3543NRR	54.3	.	.	10-04	1.0	1.0	41
ASGROW AG5001	54.2	50.1	50.6	9-26	1.3	1.0	45
Morsoy RT5110N	54.0	59.7	.	10-04	2.0	1.0	46
AgriPro/Garst 5512RRN	54.0	.	.	10-01	1.0	1.0	45
Morsoy RT5620N	54.0	.	.	10-07	2.7	1.0	41
ASGROW AG5602	53.8	59.6	59.8	10-08	1.3	1.0	48
Terral TV5486RR	53.4	52.3	50.3	10-02	2.0	1.0	53
Terral TVX5R400	53.4	.	.	10-04	1.3	1.0	44
HBK R5588	53.0	57.2	56.1	10-04	2.7	2.0	44
Progeny 5585RR	52.1	53.9	.	10-04	1.0	1.0	49
Willcross RR2517N	52.0	.	.	10-02	2.7	1.0	44
Croplan Genetics YRC56	51.5	.	.	10-04	1.0	1.0	39
Accomac	51.4	54.7	52.9	10-04	2.0	1.0	46
Deltapine DP5414RR	51.1	.	.	10-02	2.7	1.0	44
Delsoy 5500	50.6	58.8	55.5	10-04	2.0	1.0	44
ES Punch RR	50.4	53.5	.	10-04	2.0	1.0	47
Delta Grow 5600RR	50.1	.	.	10-04	1.3	1.0	43
Southern States RT557N	49.9	53.8	53.0	10-02	3.0	1.0	46
Terral TV52R42	49.4	49.6	.	9-26	2.0	1.0	46
Terral TV5666RR	49.1	50.5	48.0	10-06	3.3	1.0	45
S99-2448RR	49.1	.	.	10-02	3.0	1.0	41
Progeny 5120N	48.5	52.0	52.5	10-01	1.0	1.0	42
Dyna-Gro 3518NRR	47.8	.	.	9-29	2.7	1.0	44
ES Ranger RR	47.0	49.4	.	10-01	4.0	1.0	35
Southern States SSRT5001N	46.9	.	.	9-29	2.0	1.0	46
S99-2447RR	46.5	.	.	10-04	3.3	1.0	42
Willcross RR2549N	46.3	.	.	10-02	3.7	1.0	47
Progeny 5410RR	45.4	49.9	.	9-29	3.3	1.0	45
Southern States SSRT517N	45.4	.	.	9-29	2.0	1.0	46
Croplan Genetics YRC51	45.0	.	.	10-01	1.3	2.0	45
Southern States SS5200STS	41.5	.	.	10-01	3.7	2.0	55
Grand mean	55.4	.	.	10-03	2.0	1.1	44
LSD (5%)	6.4	.	.	ns	0.7	ns	.
C.V. (%)	7.2	.	.	.	.	.	.

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>							
Delta King 5995	64.7	62.9	59.5	10-05	2.0	1.0	42
Willcross RR2590NSTS	61.8	.	.	10-12	2.0	2.0	46
Deltapine DP5915RR	61.7	59.0	57.6	10-12	1.3	1.0	38
Pioneer 95B96	61.2	.	.	10-09	1.0	1.0	45
Pioneer 95B97	60.9	.	.	10-12	1.0	1.0	42
USG Exp570	60.9	.	.	10-14	2.0	1.0	50
Pioneer Brand 9594	60.0	66.9	62.4	10-12	2.0	1.0	44
HBK 5990	59.5	59.8	55.4	10-12	1.0	2.0	42
Delta King 5762RR	59.0	52.4	52.4	10-12	1.0	1.0	53
Morsoy RT5900N	57.6	59.0	.	10-13	2.0	1.0	49
Pioneer Brand 95B95	57.5	59.8	58.0	10-12	1.0	2.0	48
Terral TVX5R800	55.9	.	.	10-10	2.0	1.0	47
UARK-5896	55.8	53.5	53.5	10-07	1.0	1.0	44
Dyna-Gro 3582NRR	55.8	55.2	.	10-12	1.3	1.0	50
Southern States 597N	55.7	58.5	.	10-14	2.0	1.0	42
ASGROW A5959	55.6	60.1	59.2	10-10	2.0	1.0	44
HBK 5991	55.0	61.3	58.8	10-10	1.0	1.0	43
Progeny 5900RR	54.9	55.9	54.1	10-17	2.0	1.0	49
Croplan Genetics YRC58	54.9	.	.	10-10	1.3	2.0	51
DT96-6840	54.9	58.5	56.1	10-07	3.7	1.0	44
Delta King 5850	54.2	59.2	55.4	10-09	1.0	1.0	47
Syngenta S59-V6	54.2	55.6	54.8	10-10	3.0	1.0	43
Syngenta S58-R3	54.0	.	.	10-10	1.0	1.0	45
Willcross RR2580N	53.7	53.0	54.2	10-07	2.0	1.0	44
Terral TV59R85	53.5	54.4	.	10-14	3.0	2.0	56
ASGROW AG5701	53.4	59.4	58.2	10-10	2.0	1.0	46
Terral TVX58R001	53.0	.	.	10-12	2.0	1.0	51
HBK R5920	52.6	52.1	51.7	10-12	2.0	1.0	49
UARK-5798	52.3	53.2	51.7	10-12	3.0	2.0	46
Deltapine DP5806RR	52.3	53.6	54.6	10-08	2.0	1.0	46
HBK 5992	52.0	.	.	10-14	1.0	2.0	47
R95-2210	51.8	50.9	.	10-10	1.0	1.0	40
Hartz H5885RR	51.8	53.9	.	10-14	1.0	2.0	47
Delta Grow 5950RR	51.5	55.2	53.3	10-16	2.0	1.0	51
ASGROW AG5901	51.3	52.3	48.8	10-10	2.0	1.0	48
HBK 5812	51.0	.	.	10-14	3.0	1.0	51
Croplan Genetics 590RR	50.6	52.4	51.8	10-14	2.0	2.0	56
Bolivar	50.2	49.9	50.8	10-10	2.0	1.0	51
Terral TVX5R900	49.7	.	.	10-12	1.0	1.0	49
HBK R5820	49.6	.	.	10-12	1.0	1.0	48
Deltapine DP5989	49.5	47.9	44.6	10-10	2.0	1.0	52
Southern States RT5999N	49.1	48.9	.	10-12	2.0	1.0	50
Syngenta S57-A4	49.0	50.8	.	10-09	1.0	1.0	46
ES Marshal RR	48.8	.	.	10-10	1.0	1.0	49
V91-3036	48.2	53.4	52.4	10-05	2.0	1.0	44

Table 6. Performance of Irrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)	
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>								
Terral TV5926	47.6	54.4	50.9	10-12	2.0	1.0	46	
Terral TV59R98	47.6	.	.	10-12	1.0	1.0	52	
Delta King 5961RR	47.4	48.1	49.1	10-16	1.0	2.0	49	
Armor 59-B9	47.0	.	.	10-09	1.0	1.0	51	
ASGROW AG5902	46.8	55.2	.	10-10	2.0	1.0	44	
Croplan Genetics YRC57	45.6	.	.	10-10	2.0	1.0	49	
ES Trooper RR	45.0	53.8	.	10-10	2.0	1.0	46	
Delsoy 5710	44.9	.	.	10-12	1.0	1.0	45	
Grand mean	53.3	.	.	10-11	1.7	1.2	47	
LSD (5%)	7.4	.	.	1	0.3	ns	.	
C.V. (%)	8.5	.	.	1	11.3	.	.	
<u>Maturity Group VI</u>								
AgriPro/Garst XR0162N44	56.6	.	.	10-16	2.3	2.0	47	
Pioneer Brand 96B21RR	53.6	50.4	49.4	10-12	2.7	1.0	44	
Vigoro V622NRR	53.4	.	.	10-16	2.0	1.0	47	
HBK R6020	52.2	50.7	48.6	10-14	2.0	1.0	49	
Dillon	51.6	51.3	49.3	10-14	1.3	1.0	46	
R92-1258	49.2	49.0	47.5	10-14	1.0	1.0	49	
Dyna-Gro 3600NRR	47.8	.	.	10-10	1.3	1.0	46	
ASGROW AG6201	47.4	48.9	46.4	10-18	2.0	1.0	44	
AgriPro/Garst 6612RRN	45.8	.	.	10-26	1.0	1.0	47	
Grand mean	50.8	.	.	10-16	1.7	1.1	47	
LSD (5%)	6.6	.	.	ns	1.1	ns	.	
C.V. (%)	7.5	.	.	.	36.4	.	.	
Soil Series.....	Sharkey clay							
Previous Crop.....	Grain Sorghum							
Row Width.....	38 inches							
Fertilizer Applied.....	None							
Lime Applied.....	None							
Planting Date.....	MG4 5-15-01, MG5 & 6 5-17-01							
Herbicide Application.....	0.33 lbs./A Sencor + 2 pts./A Prowl, 5-18-01, 1.5 pts./A Reflex + 6 oz./A Select, 6-13-01							
Irrigation Dates.....	7-09-01, 7-20-01, 7-30-01, 8-09-01, 8-21-01, 9-06-01							
Harvest Dates.....	MG4 Early: 9-26-01 MG4 Late: 10-02-01 MG5 Early: 10-24-01 MG5 Late: 10-28-01 MG6: 10-24-01							
<u>Precipitation (inches)</u>								
	April	May	June	July	August	September	October	Total
2001	1.1	4.9	2.3	1.6	0.7	1.9	8.6	21.1
Average	5.0	5.2	4.0	3.7	2.9	3.9	3.0	27.8
Departure	-3.9	-0.3	-1.7	-2.1	-2.2	-2.0	+5.6	-6.7

Table 7. Performance of Nonirrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001^{1,2}.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>					
Delta King 3968RR	24.4	8-28	1.0	2.0	29
Deltapine 4748S	23.9	9-12	1.7	2.0	36
Delta King 3961RR	23.2	9-04	1.0	1.0	30
ASGROW AG4403	22.3	9-07	1.0	1.0	29
HBK 4891	22.1	9-10	1.0	3.0	34
ASGROW A4324	22.0	9-05	1.0	2.0	31
Dyna-Gro 3468NRR	21.9	9-10	1.0	1.0	33
Armor 44-R4	21.9	9-10	1.0	2.0	30
Delta King 4763RR	21.6	9-12	1.0	2.0	34
Deltapine DPX4300RR	21.4	9-04	1.0	2.0	32
Delta King 4711	20.9	9-10	1.3	3.0	36
Dyna-Gro 3443NRR	20.9	9-04	1.0	1.0	30
Terral TV4589RR	20.4	9-07	1.0	1.0	33
ASGROW AG4301	20.4	9-10	1.0	1.0	27
Armor 47-G7	20.4	9-10	1.0	2.0	33
Delta King 4461RR	19.8	9-03	1.0	1.0	27
ASGROW AG4702	19.6	9-10	1.0	1.0	31
Vigoro V462NRS	19.3	9-10	1.3	2.0	32
Hartz H4554RR	18.7	9-07	1.0	1.0	31
Delta King 4762 RR	18.6	9-14	1.3	1.0	38
HBK R4820	18.5	9-10	1.0	1.0	33
Syngenta S46-G2	18.4	9-10	1.0	2.0	34
MPV 457NRR	18.3	9-10	1.0	1.0	33
HBK R4660	18.1	9-10	1.0	1.0	37
Deltapine 4344RR	17.8	9-10	1.7	2.0	39
Delta King 3862RR	17.6	9-04	1.0	2.0	31
Delta King 3964RR	17.5	9-04	1.0	1.0	34
Dixie 478	17.4	9-12	1.0	2.0	35
Armor 42-L2	17.4	9-10	1.0	2.0	32
Deltapine DP4690RR	16.6	9-12	1.0	2.0	34
Delta King 4680	15.2	9-17	1.0	2.0	30
Grand mean	19.9	9-09	1.1	1.6	33
LSD (5%)	3.9	ns	0.4	ns	.
C.V. (%)	12.2	.	21.1	.	.
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>					
Deltapine SG 498RR	24.6	9-19	1.0	1.0	32
Md 4900	24.4	9-18	1.0	1.0	26
Manokin	24.0	9-23	1.3	2.0	40
Delta King XTJ201RR	23.6	9-14	1.0	2.0	37
Delta King 4868RR	23.2	9-12	1.0	3.0	34
Delta King 4965RR	21.9	9-14	1.3	1.0	33
Pioneer Variety 9492	21.5	9-10	1.0	1.0	32

Table 7. Performance of Nonirrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001^{1,2}, Continued.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9) Continued</u>					
Delta King XTJ184RR	21.5	9-10	1.0	2.0	33
Delta Grow 4850RR	21.4	9-14	1.3	3.0	40
Terral TV4881	21.3	9-10	1.0	3.0	36
Progeny 4910	21.2	9-16	1.0	2.0	38
FFR 4900RR	21.2	9-19	1.7	1.0	43
Terral TV4890RR	21.0	9-10	1.3	2.0	44
Delta Grow 4950RR	20.9	9-12	1.0	2.0	37
Terral TV4975	20.7	9-19	1.0	1.0	42
ASGROW AG4902	20.7	9-12	1.0	1.0	33
MFA Morsoy RT 4809	20.6	9-12	1.3	1.0	35
Croplan Genetics 480RR	20.1	9-10	1.3	2.0	36
Dyna-Gro 3484NRR	20.1	9-10	1.0	3.0	36
Progeny 4901RR	20.1	9-16	1.3	3.0	37
Progeny 4858RR	19.7	9-10	1.0	2.0	34
Croplan Genetics RC4995	19.6	9-14	1.0	3.0	33
Hartz H4884RR	19.2	9-10	1.0	2.0	36
Deltapine DPX 4885RR	19.2	9-12	1.3	2.0	32
Triumph TR4810RR	18.7	9-12	1.3	2.0	31
HBK R4920	18.0	9-14	1.3	2.0	39
Terral TV4886RR	17.6	9-10	1.0	2.0	39
ES Prairie RRI	17.4	9-25	1.0	1.0	34
EKXP 4855	17.3	9-16	1.0	1.0	40
HBK R5101	17.2	9-21	1.0	2.0	44
USG 7489RR	17.0	9-12	1.0	3.0	34
Southern States RT4980	16.5	9-12	1.0	2.0	34
AgriPro AP 4888 RR	16.4	9-14	1.0	4.0	32
Dixie 4803RR	15.7	9-14	1.0	3.0	33
Grand mean	20.1	9-14	1.1	2.0	36
LSD (5%)	4.3	ns	0.5	ns	.
C.V. (%)	13.3	.	.	.	.
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>					
Pioneer Brand 9594	25.1	10-04	1.7	2.0	39
R95-2210	24.1	10-02	1.0	1.0	37
UARK-5896	23.7	10-02	1.3	1.0	37
HBK 5991	23.6	10-04	2.0	1.0	37
Pioneer 95B96	23.6	10-04	1.3	2.0	41
HBK 5990	23.2	10-02	1.7	1.0	35
Deltapine DP5915RR	23.2	10-04	1.0	1.0	39
Terral TVX5R900	22.7	10-04	1.3	1.0	42
Deltapine DP5989	22.6	10-02	2.7	1.0	45
Syngenta S59-V6	22.5	10-02	2.3	1.0	37
Southern States RT5999N	22.3	10-02	1.3	2.0	41

Table 7. Performance of Nonirrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001^{1,2}, Continued.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>					
Delta King 5850	21.7	10-02	1.7	1.0	38
Croplan Genetics YRC58	21.7	10-01	1.0	1.0	39
Terral TV5926	21.5	10-04	1.7	1.0	39
UARK-5798	21.4	10-02	2.3	1.0	36
HBK 5812	21.1	10-02	1.3	2.0	44
HBK R5820	21.1	10-06	1.3	2.0	38
Terral TVX58R001	20.9	9-30	1.0	1.0	38
Pioneer 95B97	20.8	10-02	1.3	1.0	37
Terral TV59R98	20.6	10-04	2.0	2.0	41
V91-3036	20.3	10-02	1.3	2.0	37
Pioneer Brand 95B95	20.3	10-04	1.0	2.0	43
ASGROW AG5901	20.0	10-04	1.7	2.0	36
Delta King 5762RR	19.6	10-04	2.0	2.0	43
Dyna-Gro 3582NRR	19.6	10-02	2.0	2.0	42
Syngenta S58-R3	19.5	10-02	1.0	1.0	33
Armor 59-B9	19.5	10-04	1.0	1.0	39
Terral TVX5R800	19.3	10-01	1.0	1.0	43
Southern States 597N	18.7	10-06	1.7	1.0	37
ES Trooper RR	18.7	10-02	1.0	1.0	36
Delta King 5995	18.5	10-01	1.3	2.0	38
Syngenta S57-A4	18.5	9-30	1.0	2.0	37
Progeny 5900RR	18.4	10-02	1.3	2.0	45
Deltapine DP5806RR	18.3	10-04	2.0	2.0	40
Hartz H5885RR	18.2	10-02	1.3	2.0	36
Morsoy RT5900N	18.1	10-04	2.0	3.0	41
ASGROW A5959	17.9	10-02	2.0	1.0	42
Delta Grow 5950RR	17.8	10-02	1.0	1.0	43
Bolivar	17.6	10-04	1.7	2.0	38
Croplan Genetics 590RR	17.6	10-02	1.0	1.0	41
USG Exp570	17.5	10-02	1.3	1.0	44
HBK R5920	16.7	10-02	1.3	2.0	45
Croplan Genetics YRC57	16.6	10-04	1.0	2.0	36
Delsoy 5710	16.5	10-06	1.3	3.0	41
Delta King 5961RR	16.0	10-04	1.3	2.0	37
Terral TV59R85	15.8	10-02	1.0	2.0	39
ASGROW AG5902	15.5	10-02	1.0	1.0	39
ES Marshal RR	15.3	10-04	1.7	1.0	40
ASGROW AG5701	14.7	10-04	1.0	3.0	32
Grand mean	19.8	10-03	1.4	1.6	39
LSD (5%)	5.7	ns	0.9	ns	.
C.V. (%)	17.6	.	.	.	.

Table 7. Performance of Nonirrigated Soybean Cultivars, Northeast Research and Extension Center, Keiser, AR, 2001^{1,2}, Continued.

¹ Due to reduced yields and poor uniformity, the nonirrigated MG5 early and MG6 tests are not reported.

² There were no data reported for 1999 and 2000, therefore two and three-year averages are not reported.

Soil Series..... Sharkey clay
 Previous Crop..... Grain sorghum
 Row Width..... 38 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... MG4 5-15-01, MG5 & 6 5-17-01
 Herbicide Application..... 0.33 lbs./A Sencor + 2 pts./A Prowl, 5-18-01, 1.5 pts./A Reflex + 6 oz./A Select, 6-13-01
 Irrigation Dates..... None
 Harvest Dates..... MG4 Early: 9-14-01, 9-21-01
 MG4 Late: 9-17-01, 9-24-01
 MG5 Late: 10-09-01

Precipitation (inches)

	April	May	June	July	August	September	October	Total
2001	1.1	4.9	2.3	1.6	0.7	1.9	8.6	21.1
Average	5.0	5.2	4.0	3.7	2.9	3.9	3.0	27.8
Departure	-3.9	-0.3	-1.7	-2.1	-2.2	-2.0	+5.6	-6.7

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>							
Armor 47-G7	65.1	.	.	9-26	1.0	1.0	42
Delta King 4763RR	64.3	.	.	9-26	1.3	1.0	42
Armor 44-R4	62.4	.	.	9-20	1.0	1.0	43
Dyna-Gro 3443NRR	61.0	.	.	9-22	1.3	1.0	44
ASGROW AG4403	59.3	61.1	.	9-22	1.0	1.0	43
Hartz H4554RR	59.2	.	.	9-19	1.7	1.0	41
Delta King 4461RR	59.2	.	.	9-21	1.0	1.0	43
ASGROW A4324	58.2	55.7	.	9-19	2.0	1.7	40
Deltapine 4748S	57.2	58.8	.	9-25	2.7	1.0	49
ASGROW AG4702	56.7	56.1	57.5	9-20	1.3	1.0	39
ASGROW AG4301	56.3	.	.	9-27	1.3	1.0	41
HBK R4820	55.3	.	.	9-27	1.0	1.0	43
Delta King 4680	53.9	59.0	59.7	10-02	1.3	1.0	42
Terral TV4589RR	53.9	52.6	.	9-15	2.3	1.0	42
Deltapine DPX4300RR	53.9	.	.	9-16	1.7	2.0	45
Vigoro V462NRS	53.7	.	.	9-18	2.0	1.0	43
Delta King 3968RR	53.5	.	.	9-11	1.0	2.3	39
Syngenta S46-G2	53.0	.	.	9-22	1.3	1.0	49
MPV 457NRR	52.7	.	.	9-17	2.3	1.0	42
HBK 4891	52.4	54.8	57.5	9-25	1.7	1.7	44
Armor 42-L2	52.2	.	.	9-16	3.0	1.0	43
Delta King 4711	51.8	56.0	59.5	9-26	1.7	1.0	45
Delta King 3964RR	51.4	.	.	9-10	2.3	1.3	44
Delta King 3862RR	51.0	.	.	9-13	1.3	2.0	38
Dixie 478	50.2	48.1	48.8	9-23	2.0	1.0	47
Delta King 3961RR	49.8	.	.	9-13	2.0	1.0	42
HBK R4660	49.6	53.0	54.2	9-20	2.0	1.0	46
Delta King 4762 RR	48.6	51.1	52.5	9-29	2.0	1.0	49
Deltapine DP4690RR	48.2	53.3	54.5	9-26	1.7	1.0	46
Deltapine 4344RR	45.5	47.0	.	9-18	3.7	2.0	44
Dyna-Gro 3468NRR	42.0	51.4	.	9-26	1.0	1.3	33
Grand mean	54.2	.	.	9-21	1.7	1.2	43
LSD (5%)	3.6	.	.	4	0.7	0.4	2
C.V. (%)	4.1	.	.	3	.	.	3
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>							
Delta King XTJ201RR	57.1	.	.	9-25	1.0	1.0	41
Hartz H4884RR	55.9	54.1	.	9-22	2.0	1.3	44
MFA Morsoy RT 4809	55.1	60.4	.	9-26	1.3	1.0	43
Delta King 4868RR	54.9	60.2	62.7	9-23	1.3	1.0	41
Dyna-Gro 3484NRR	54.1	.	.	9-24	2.0	1.0	46
Progeny 4858RR	53.9	.	.	9-25	2.0	1.3	44
Triumph TR4810RR	53.7	.	.	9-24	2.0	1.7	46

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9) Continued</u>							
Delta King XTJ184RR	53.2	.	.	9-25	1.7	1.0	44
Terral TV4890RR	53.0	53.7	54.4	9-16	1.7	1.0	47
Pioneer Variety 9492	52.9	53.7	55.0	9-21	1.7	1.0	43
Delta King 4965RR	50.8	55.3	56.4	9-29	2.0	1.0	42
USG 7489RR	49.8	.	.	9-27	2.0	1.3	44
Terral TV4881	49.4	54.9	56.2	9-24	1.7	2.0	45
Delta Grow 4950RR	49.4	.	.	9-25	2.0	1.3	45
Croplan Genetics 480RR	49.2	53.8	.	9-25	2.3	1.3	43
AgriPro AP 4888 RR	48.8	51.2	.	9-27	2.0	1.3	46
Deltapine DPX 4885RR	48.6	.	.	9-24	2.0	1.0	46
Manokin	48.0	50.7	53.1	9-29	1.7	1.0	31
ASGROW AG4902	47.7	53.3	56.2	9-23	2.3	1.0	40
HBK R4920	47.4	50.3	.	9-25	2.7	1.0	46
Progeny 4901RR	47.1	.	.	9-27	2.0	1.0	46
Dixie 4803RR	46.7	52.7	.	9-26	2.0	1.3	46
Croplan Genetics RC4995	46.5	.	.	9-29	2.0	1.0	47
FFR 4900RR	46.1	.	.	9-29	2.0	1.0	39
Southern States RT4980	45.9	51.6	.	9-25	2.0	1.3	45
Terral TV4886RR	45.7	50.2	.	9-26	2.3	1.0	53
Delta Grow 4850RR	45.5	50.7	.	9-23	2.7	1.3	45
Progeny 4910	45.3	51.9	56.1	9-26	2.7	1.3	49
Deltapine SG 498RR	44.3	51.2	52.9	10-03	1.3	1.0	41
HBK R5101	41.5	.	.	9-27	2.7	1.0	52
Md 4900	40.6	52.2	54.7	9-30	1.0	1.0	22
ES Prairie RRI	38.4	.	.	9-24	4.0	1.3	48
Terral TV4975	38.1	40.3	43.0	10-03	2.7	1.0	54
EKXP 4855	37.6	.	.	9-22	2.7	1.0	53
Grand mean	48.3	.	.	9-26	2.0	1.1	44
LSD (5%)	5.2	.	.	3	0.7	0.6	3
C.V. (%)	6.6	.	.	2	.	.	5
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>							
Dyna-Gro 3535NRR	56.2	.	.	10-07	3.0	1.0	41
Delta King 5668RR	55.9	56.3	.	10-16	2.3	1.3	37
Delta King 5366RR	55.3	57.6	.	10-06	2.7	1.0	39
Croplan Genetics RC5252	54.5	.	.	10-06	1.0	1.3	37
Delta King XTJ205RR	54.3	.	.	10-17	2.0	1.3	37
Dyna-Gro 3562NRR	53.9	.	.	10-16	1.7	1.7	38
Pioneer Brand 95B53	53.4	52.3	54.8	10-06	2.0	1.0	35
Anand	53.2	57.4	62.9	10-18	1.0	1.7	27
Delta King 5661RR	52.8	55.7	60.1	10-13	1.7	1.0	41
Morsoy RT5620N	52.0	.	.	10-19	1.3	1.3	38
R96-209	51.9	54.9	.	10-04	1.0	1.0	33

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>							
Terral TVX5R600	51.7	.	.	10-17	1.3	1.0	44
Vigoro V552NRR	51.3	.	.	9-29	2.0	1.7	39
Delta Grow 5250RR	51.1	56.3	.	10-10	1.0	1.0	36
Armor 52-C2	50.9	56.7	.	9-30	1.7	2.3	31
Deltapine DP5644RR	49.9	51.5	54.0	10-11	2.3	1.0	37
Progeny 5660RR	49.7	.	.	10-15	2.0	1.0	43
Armor 53-K3	49.3	.	.	10-03	1.0	1.0	31
Morsoy RT5110N	49.2	.	.	10-11	1.0	1.3	37
Delta King XTJ202RR	49.0	.	.	10-06	2.7	1.0	38
Deltapine DP5110S	48.8	.	.	10-05	2.7	1.7	52
Armor 56-J6	48.8	.	.	10-17	2.0	1.0	41
ASGROW AG5602	48.6	53.2	55.5	10-14	1.7	1.0	38
USG 510NRR	48.4	.	.	10-07	1.0	1.0	35
Hutcheson	48.0	50.1	52.6	10-06	1.7	1.3	37
HBK R5420	48.0	.	.	10-19	1.0	1.0	38
ES Ranger RR	48.0	.	.	9-29	1.7	2.3	30
Pioneer Brand 95B32	47.8	54.0	57.7	10-04	1.0	1.7	31
Deltapine DP5414RR	47.8	.	.	10-15	2.0	1.7	47
ASGROW AG5501	47.4	53.7	.	10-18	1.3	1.0	40
Dyna-Gro 3521NRR	47.3	.	.	10-12	1.0	1.0	34
Delsoy 5500	46.9	51.6	54.6	10-13	1.7	1.3	39
Progeny 5120N	46.9	53.8	56.4	10-04	3.0	1.7	40
ASGROW AG5001	46.7	46.5	49.8	9-30	2.7	3.0	42
Caviness	46.3	51.0	55.0	10-08	2.0	1.7	38
ASGROW AG5603	45.9	.	.	10-10	1.0	1.0	32
Delta King XTJ204RR	45.5	.	.	10-19	1.3	1.0	39
Delta Grow 5630RR	45.0	50.4	.	10-21	1.7	1.0	42
Terral TVX56R001	45.0	.	.	10-20	2.7	1.0	45
Armor 54-Z4	45.0	.	.	10-20	1.0	1.0	37
TN 96-58	44.8	.	.	10-20	1.3	1.3	35
Terral TV52R42	44.6	.	.	10-03	1.7	2.3	37
Croplan Genetics YRC56	44.6	.	.	10-09	1.0	2.3	35
HBK R5620	44.4	.	.	10-20	1.7	1.0	43
Dyna-Gro 3518NRR	44.0	.	.	10-02	2.0	3.3	37
Progeny 5600	43.8	52.8	57.0	10-10	1.7	2.0	37
Hartz H5444RR	43.8	.	.	10-22	1.0	1.0	36
Accomac	43.6	44.4	50.1	10-05	3.3	1.3	38
Southern States RT557N	43.4	45.9	.	10-02	2.7	1.7	42
Terral TVX54R001	43.4	.	.	10-25	1.3	1.0	37
Delta King 5465RR	43.0	52.8	.	10-21	1.0	1.0	36
Southern States SSRT5001N	43.0	.	.	10-01	2.7	2.7	38
Terral TVX5R400	42.7	.	.	10-20	1.0	1.0	33
Hartz H5231RR	42.5	50.2	.	10-21	1.0	1.3	34
Croplan Genetics RC5454	42.5	.	.	10-21	1.0	1.0	33
ES Punch RR	42.3	.	.	10-04	2.7	1.3	43

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>							
Delta Grow 5450RR	42.1	51.6	.	10-20	1.0	1.0	33
Croplan Genetics YRC51	42.1	.	.	10-01	2.0	2.3	39
Progeny 5410RR	41.9	46.3	.	10-02	2.7	1.3	38
Morsoy RT5440N	41.5	.	.	10-24	1.0	1.0	37
Delta Grow 5600RR	41.5	.	.	10-09	1.3	2.0	35
HBK R5588	41.1	45.8	52.2	10-02	2.3	1.7	35
Dyna-Gro 3543NRR	40.0	.	.	10-22	1.0	1.0	35
Progeny 5585RR	39.6	.	.	10-06	1.7	1.3	40
Delta King XTJ203RR	39.4	.	.	10-24	1.0	1.0	32
Terral TV5486RR	38.7	40.8	45.1	10-03	2.0	1.7	52
Southern States SSRT517N	37.3	.	.	10-03	1.7	3.0	37
Southern States SS5200STS	37.3	.	.	10-04	3.0	2.3	55
AgriPro/Garst 5512RRN	37.1	.	.	10-21	1.0	1.0	35
Progeny 5415RR	36.4	.	.	10-23	1.0	1.0	34
Terral TV5666RR	34.8	40.6	44.9	10-06	2.3	2.3	39
USG 540NRR	32.0	.	.	10-25	1.0	1.0	32
Grand mean	45.9	.	.	10-12	1.7	1.4	38
LSD (5%)	6.9	.	.	6	0.7	0.6	4
C.V. (%)	9.4	.	.	3	.	.	6
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>							
ASGROW A5959	57.0	56.2	61.2	10-13	3.7	1.0	42
Delta King 5995	55.7	58.3	60.7	10-08	3.0	1.0	43
R95-2210	54.3	53.9	.	10-14	3.0	1.0	41
HBK 5991	53.4	58.7	61.8	10-12	3.3	1.0	43
Hartz H5885RR	53.4	54.8	.	10-10	2.3	1.0	43
Pioneer 95B97	52.2	.	.	10-10	3.0	1.0	36
Pioneer 95B96	50.9	.	.	10-16	3.0	1.0	41
Deltapine DP5915RR	50.5	55.4	.	10-26	2.7	1.0	41
USG Exp570	49.9	.	.	10-20	2.7	1.0	41
Syngenta S58-R3	49.4	.	.	10-06	2.3	2.0	40
HBK 5990	48.8	51.3	54.8	10-12	1.7	1.0	41
Delta King 5850	48.2	50.7	54.3	10-05	3.7	1.3	38
HBK R5920	47.5	47.7	51.1	10-12	3.0	1.0	47
ASGROW AG5701	47.2	51.2	55.4	10-17	2.0	1.0	43
ASGROW AG5901	47.1	48.8	53.6	10-15	2.3	1.0	40
Pioneer Brand 9594	46.9	51.3	55.7	10-20	4.0	1.0	39
Delta King 5762RR	46.7	46.8	52.3	10-14	2.7	1.0	49
Southern States RT5999N	46.7	49.5	.	10-06	2.3	1.3	48
UARK-5896	46.5	45.9	48.4	10-11	3.3	1.7	44
Dyna-Gro 3582NRR	46.1	47.7	.	10-15	3.0	1.0	47
Bolivar	45.9	43.8	49.0	10-06	4.0	1.0	50
ES Trooper RR	45.9	.	.	10-11	1.3	1.0	37

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>							
Syngenta S57-A4	45.7	44.0	.	10-05	3.0	1.0	41
Terral TVX5R900	45.7	.	.	10-05	2.7	1.0	44
UARK-5798	45.5	43.1	46.4	10-08	4.0	2.0	44
Terral TV59R85	45.5	47.5	.	10-14	2.3	1.0	50
Croplan Genetics YRC57	45.1	.	.	10-09	1.7	1.0	40
Terral TV59R98	44.8	.	.	10-06	2.7	1.0	47
Delta Grow 5950RR	44.2	46.0	50.4	10-20	3.3	1.0	47
Morsoy RT5900N	44.2	.	.	10-12	3.3	1.0	48
Croplan Genetics YRC58	44.2	.	.	10-07	2.7	1.0	46
Progeny 5900RR	43.6	45.6	51.8	10-18	3.7	1.0	46
Terral TVX5R800	43.4	.	.	10-26	4.0	1.0	46
Armor 59-B9	43.2	.	.	10-05	2.7	1.3	48
Deltapine DP5806RR	42.7	46.3	50.2	10-12	3.3	1.0	42
Pioneer Brand 95B95	41.9	48.0	51.5	10-11	1.7	1.0	47
ASGROW AG5902	41.7	46.0	.	10-14	2.3	1.0	46
Deltapine DP5989	41.5	42.9	46.4	10-22	3.7	1.0	55
Delsoy 5710	41.3	.	.	10-18	4.0	1.7	45
HBK R5820	40.9	.	.	10-05	3.3	1.0	47
HBK 5812	40.6	.	.	10-24	3.7	1.0	49
Terral TVX58R001	39.8	.	.	10-26	3.7	1.0	48
V91-3036	39.6	46.8	51.5	10-08	3.0	1.0	38
Croplan Genetics 590RR	39.6	41.8	48.1	10-12	3.3	1.0	49
Terral TV5926	39.2	45.2	48.5	10-13	2.7	1.0	50
Southern States 597N	39.2	40.6	.	10-18	3.0	1.0	42
Syngenta S59-V6	37.1	42.2	47.1	10-25	3.0	1.0	40
Delta King 5961RR	30.8	37.0	44.1	10-23	1.7	1.0	44
ES Marshal RR	28.3	.	.	10-06	3.3	1.0	47
Grand mean	45.1	.	.	10-13	2.9	1.1	44
LSD (5%)	6.3	.	.	7	0.9	0.3	4
C.V. (%)	8.6	.	.	4	19.7	18.0	5

Table 8. Performance of Irrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001¹, Continued.

¹ Due to reduced yields and poor uniformity, the MG6 test will not be reported.

Soil Series..... Calloway silt loam
 Previous Crop..... Cotton
 Row Width..... 38 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 5-16-01
 Herbicide Application..... 1.5 pts./A Treflan, 5-16-01, 1.0 pt./A Storm, 5-22-01, 0.75 pt./A Fusilade, 6-05-01
 1.0 pt./A Storm, 6-06-01, 1.0 pt./A Storm, 6-20-01
 Irrigation Dates..... 6-28-01, 7-03-01, 7-09-01, 7-21-01, 8-03-01, 8-14-01, 9-04-01
 Harvest Dates..... MG4 Early: 10-04-01
 MG4 Late: 10-08-01
 MG5 Early: 10-31-01
 MG5 Late: 11-02-01

Precipitation (inches)

	April	May	June	July	August	September	October	Total
2001	4.0	4.0	3.5	2.2	0.7	1.6	6.2	22.2
Average	5.4	5.2	3.4	4.0	2.8	4.0	3.0	27.8
Departure	-1.4	-1.2	+0.1	-1.8	-2.1	-2.4	+3.2	-5.6

Table 9. Performance of Nonirrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001^{1,2}.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>					
Md 4900	29.6	9-24	1.0	1.0	17
Progeny 4910	27.6	9-18	1.0	2.0	38
Delta King 4868RR	27.1	9-16	1.0	1.0	33
MFA Morsoy RT 4809	26.5	9-20	1.0	1.0	33
FFR 4900RR	25.1	9-25	1.0	2.0	34
Progeny 4858RR	24.7	9-17	1.0	3.7	35
Delta King 4965RR	24.5	9-18	1.0	1.7	29
Delta King XTJ201RR	24.5	9-14	1.0	1.3	32
Manokin	23.9	10-01	1.0	1.0	27
ASGROW AG4902	23.9	9-19	1.0	2.3	30
Southern States RT4980	23.9	9-18	1.0	2.0	37
Delta King XTJ184RR	23.7	9-16	1.0	3.0	35
Hartz H4884RR	23.2	9-16	1.0	3.3	35
Dyna-Gro 3484NRR	22.9	9-19	1.0	3.0	35
Terral TV4881	22.8	9-18	1.0	2.7	38
Terral TV4886RR	22.8	9-18	1.0	2.0	39
Delta Grow 4850RR	22.2	9-22	1.0	3.3	34
Deltapine DPX 4885RR	22.2	9-19	1.0	2.0	37
Pioneer Variety 9492	22.0	9-17	1.0	2.0	29
Terral TV4890RR	22.0	9-18	1.0	2.0	38
USG 7489RR	21.9	9-22	1.0	2.3	38
Triumph TR4810RR	21.6	9-20	1.0	2.7	34
Croplan Genetics 480RR	21.4	9-22	1.0	2.7	35
ES Prairie RRI	21.0	9-27	1.0	1.0	34
HBK R5101	21.0	9-26	1.0	1.3	40
AgriPro AP 4888 RR	20.2	9-18	1.0	2.7	34
Progeny 4901RR	20.0	9-22	1.0	2.3	35
Dixie 4803RR	19.6	9-23	1.0	2.3	36
Deltapine SG 498RR	19.2	10-01	1.0	1.7	32
Delta Grow 4950RR	18.4	9-24	1.0	1.7	35
EKXP 4855	18.1	9-17	1.0	3.0	41
Terral TV4975	17.3	10-02	1.0	1.3	48
HBK R4920	17.3	9-21	1.0	1.7	35
Croplan Genetics RC4995	16.3	9-26	1.0	1.7	34
Grand mean	22.3	9-21	1.0	2.1	35
LSD (5%)	4.8	6	ns	0.7	4
C.V. (%)	13.3	5	.	7	.

Table 9. Performance of Nonirrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001^{1,2}, Continued.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>					
Terral TV52R42	29.3	9-23	1.0	2.7	28
Caviness	29.3	9-29	1.0	2.3	32
Deltapine DP5110S	28.9	9-28	1.0	2.0	41
Armor 54-Z4	28.5	10-05	1.0	1.3	31
Morsoy RT5620N	28.3	9-30	1.0	2.0	31
Progeny 5600	27.9	9-27	1.0	2.3	28
Delta King 5366RR	27.6	9-29	1.0	1.0	33
Southern States SSRT5001N	27.6	9-21	1.0	3.0	32
Hartz H5231RR	27.4	10-02	1.0	2.0	28
Delta King XTJ205RR	27.4	10-03	1.0	1.3	30
Morsoy RT5440N	27.0	10-05	1.0	1.0	30
Delta King XTJ203RR	27.0	10-06	1.0	1.0	29
Hutcheson	26.8	9-30	1.0	1.3	28
Pioneer Brand 95B32	26.8	9-27	1.0	1.7	25
TN 96-58	26.6	9-29	1.0	1.3	26
Deltapine DP5414RR	26.6	9-28	1.0	1.7	36
Anand	26.4	10-01	1.0	2.0	21
Morsoy RT5110N	26.4	9-27	1.0	2.3	28
USG 510NRR	26.2	10-01	1.0	2.0	28
Armor 52-C2	26.0	9-27	1.0	2.0	24
Dyna-Gro 3543NRR	25.8	10-05	1.0	1.0	28
Progeny 5120N	25.6	9-30	1.0	1.7	32
Pioneer Brand 95B53	25.4	9-26	1.0	1.7	26
Accomac	25.3	9-29	1.0	2.0	33
Croplan Genetics RC5252	25.2	9-28	1.0	2.0	29
HBK R5420	25.1	10-05	1.0	1.0	26
Progeny 5585RR	25.0	9-30	1.0	1.7	30
Delta Grow 5630RR	24.9	10-03	1.0	1.0	36
HBK R5588	24.7	9-28	1.0	2.0	33
Delta Grow 5450RR	24.7	10-02	1.0	1.3	26
Dyna-Gro 3518NRR	24.7	9-23	1.0	3.0	28
Delsoy 5500	24.5	10-02	1.0	1.0	28
ES Ranger RR	24.5	9-25	1.0	1.7	24
Hartz H5444RR	24.3	10-03	1.0	1.0	30
ASGROW AG5001	24.1	9-22	1.0	3.7	30
Southern States SSRT517N	24.1	9-25	1.0	3.0	27
Croplan Genetics YRC51	24.1	9-20	1.0	3.7	34
Vigoro V552NRR	24.1	9-26	1.0	1.0	29
AgriPro/Garst 5512RRN	23.9	10-04	1.0	1.3	26
Terral TVX56R001	23.7	10-04	1.0	1.0	35
Croplan Genetics RC5454	23.7	10-02	1.0	1.3	24
Delta Grow 5250RR	23.5	9-28	1.0	2.0	27
ASGROW AG5603	23.4	10-03	1.0	1.0	27
Progeny 5415RR	23.3	10-03	1.0	1.3	26
Terral TV5666RR	23.2	10-01	1.0	2.0	33
Dyna-Gro 3562NRR	23.2	10-02	1.0	1.7	32

Table 9. Performance of Nonirrigated Soybean Cultivars, Cotton Branch Station, Marianna, AR, 2001^{1,2}, Continued.

Brand/Cultivar	2001 bu/A	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>					
Progeny 5410RR	22.8	9-28	1.0	1.7	31
Terral TV5486RR	22.7	9-29	1.0	2.0	35
R96-209	22.6	9-27	1.0	1.7	27
Delta King 5668RR	22.6	10-02	1.0	1.7	29
Dyna-Gro 3521NRR	22.6	9-29	1.0	2.0	25
Croplan Genetics YRC56	22.6	10-05	1.0	1.3	27
Delta King XTJ202RR	22.6	10-01	1.0	1.0	33
Delta King 5465RR	22.4	10-09	1.0	1.3	26
ASGROW AG5602	22.2	10-01	1.0	2.0	31
ASGROW AG5501	22.2	9-30	1.0	3.3	29
Progeny 5660RR	22.2	10-03	1.0	1.0	34
Armor 53-K3	22.2	9-29	1.0	1.7	24
Terral TVX5R400	22.2	10-08	1.0	1.0	29
Deltapine DP5644RR	22.0	9-30	1.0	1.0	34
Delta King 5661RR	22.0	10-04	1.0	1.0	31
Delta King XTJ204RR	21.6	10-05	1.0	1.0	31
Armor 56-J6	21.6	10-03	1.0	1.3	34
ES Punch RR	21.6	10-04	1.0	1.3	39
Southern States RT557N	21.4	9-28	1.0	2.0	32
Dyna-Gro 3535NRR	21.4	10-03	1.0	1.0	36
Terral TVX54R001	21.4	10-06	1.0	1.3	24
HBK R5620	20.8	10-03	1.0	1.0	35
Delta Grow 5600RR	19.5	10-04	1.0	1.7	27
USG 540NRR	19.1	10-06	1.0	1.3	22
Terral TVX5R600	18.6	10-04	1.0	1.0	35
Southern States SS5200STS	16.5	9-21	1.0	3.7	35
Grand mean	24.2	9-30	1.0	1.7	30
LSD (5%)	5.4	4	ns	0.7	3
C.V. (%)	14.0	3	.	.	7

¹ Due to reduced yields and poor uniformity, the MG4 early, MG5 late, and MG 6 tests will not be reported.

² There were no data reported for 1999 and 2000, therefore two and three-year averages are not reported.

Soil Series..... Calloway silt loam
 Previous Crop..... Soybean
 Row Width..... 38 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 5-17-01
 Herbicide Application..... 1.5 pts./A Treflan, 5-18-01, 0.75 pt./A Fusilade, 6-08-01, 1.0 pt./A Storm, 6-09-01
 Harvest Dates..... MG4Late: 10-05-01
 MG5 Early: 10-10-01

Precipitation (inches)

	April	May	June	July	August	September	October	Total
2001	4.0	4.0	3.5	2.2	0.7	1.6	6.2	22.2
Average	5.4	5.2	3.4	4.0	2.8	4.0	3.0	27.8
Departure	-1.4	-1.2	+0.1	-1.8	-2.1	-2.4	+3.2	-5.6

Table 10. Performance of Irrigated Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2001.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>						
Deltapine 4748S	69.0	65.0	.	1.7	1.0	29
Dixie 478	64.6	60.0	58.8	1.0	1.0	28
HBK 4891	63.0	56.9	57.9	1.0	1.0	27
HBK R4820	61.3	.	.	1.0	1.0	27
Dyna-Gro 3443NRR	59.9	.	.	1.0	1.0	27
Deltapine DP4690RR	59.1	55.2	53.1	1.0	1.0	27
Delta King 4763RR	58.9	.	.	1.0	1.0	23
Delta King 4711	58.0	54.5	54.3	1.0	1.0	29
Armor 42-L2	57.9	.	.	1.0	1.0	27
Delta King 4680	57.7	53.3	53.7	1.0	1.0	24
Syngenta S46-G2	57.0	.	.	1.0	1.0	25
ASGROW AG4403	56.8	52.8	.	1.0	1.0	26
Armor 47-G7	53.8	.	.	1.0	1.0	22
Deltapine 4344RR	53.3	49.6	.	1.0	1.0	25
Delta King 4762 RR	52.9	51.4	50.9	1.0	1.0	32
Armor 44-R4	52.7	.	.	1.0	1.0	23
Delta King 4461RR	50.9	.	.	1.0	1.0	23
Hartz H4554RR	50.8	.	.	1.0	1.0	23
ASGROW AG4702	50.4	47.3	47.1	1.0	1.0	23
MPV 457NRR	50.2	.	.	1.0	1.0	23
Deltapine DPX4300RR	50.1	.	.	1.0	1.0	25
HBK R4660	49.2	48.5	49.0	1.0	1.0	29
ASGROW AG4301	49.2	.	.	1.0	1.0	26
Terral TV4589RR	49.1	48.4	.	1.0	1.0	22
Vigoro V462NRS	49.0	.	.	1.0	1.0	26
Delta King 3862RR	48.6	.	.	1.0	1.0	25
ASGROW A4324	48.0	50.8	.	1.0	1.0	22
Delta King 3964RR	48.0	.	.	1.0	1.0	26
Delta King 3961RR	46.0	.	.	1.0	1.0	26
Delta King 3968RR	45.0	.	.	1.0	1.0	18
Dyna-Gro 3468NRR	40.8	43.5	.	1.0	1.0	19
Grand mean	53.6	.	.	1.0	1.0	25
LSD (5%)	7.1	.	.	0.2	ns	3
C.V. (%)	8.2	.	.	10.0	.	6

Table 10. Performance of Irrigated Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>							
Terral TV4975	67.2	61.7	62.2	9-30	1.7	1.0	30
Progeny 4910	66.2	62.6	63.7	9-30	1.0	1.0	31
HBK R5101	61.6	.	.	9-30	1.0	1.0	36
ES Prairie RRI	61.3	.	.	9-30	1.3	1.0	29
Delta King 4868RR	60.7	57.0	57.3	9-29	1.0	1.0	28
Southern States RT4980	60.4	56.9	.	9-28	1.0	1.0	31
Croplan Genetics RC4995	60.3	.	.	9-28	1.0	1.0	30
Deltapine DPX 4885RR	59.8	.	.	9-28	1.0	1.0	31
Terral TV4881	59.3	57.4	57.3	9-27	1.0	1.0	28
AgriPro AP 4888 RR	57.9	50.0	.	9-28	1.0	1.0	31
Dixie 4803RR	57.1	56.1	.	9-28	1.0	1.0	30
Manokin	56.7	56.7	58.0	10-02	1.0	1.0	18
ASGROW AG4902	56.4	53.8	55.1	9-30	1.0	1.0	27
FFR 4900RR	56.1	.	.	10-01	1.0	1.0	20
Delta King XTJ184RR	56.0	.	.	9-29	1.0	1.0	28
EKXP 4855	55.9	.	.	9-29	1.0	1.0	34
Deltapine SG 498RR	55.6	55.1	57.7	9-30	1.0	1.0	25
Triumph TR4810RR	54.9	.	.	9-29	1.0	1.0	27
Progeny 4901RR	54.4	.	.	9-30	1.0	1.0	29
Delta King XTJ201RR	54.3	.	.	9-29	1.0	1.0	24
Delta Grow 4950RR	54.2	.	.	9-28	1.0	1.0	29
Pioneer Variety 9492	54.0	53.8	55.6	9-28	1.0	1.0	25
Delta King 4965RR	53.9	53.2	53.2	9-29	1.0	1.0	27
Progeny 4858RR	53.9	.	.	9-29	1.0	1.0	30
HBK R4920	53.1	51.8	.	9-28	1.0	1.0	27
Delta Grow 4850RR	52.9	51.0	.	9-28	1.0	1.0	28
Hartz H4884RR	52.8	54.7	.	9-28	1.0	1.0	28
Dyna-Gro 3484NRR	52.7	.	.	9-29	1.0	1.0	27
Terral TV4886RR	52.5	51.3	.	9-28	1.0	1.0	31
Md 4900	52.1	54.5	55.9	10-02	1.0	1.0	13
Croplan Genetics 480RR	51.5	50.1	.	9-28	1.0	1.0	28
USG 7489RR	51.2	.	.	9-28	1.0	1.0	28
MFA Morsoy RT 4809	49.4	55.1	.	9-30	1.0	1.0	24
Terral TV4890RR	48.4	49.5	51.3	9-26	1.0	1.0	28
Grand mean	56.0	.	.	9-29	1.0	1.0	28
LSD (5%)	9.8	.	.	2	0.2	ns	4
C.V. (%)	10.8	.	.	1	13.3	.	8

Table 10. Performance of Irrigated Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>							
Deltapine DP5110S	74.7	.	.	10-01	1.0	1.0	33
Hutcheson	71.7	66.8	63.7	10-03	1.0	1.0	21
Delsoy 5500	71.3	66.9	65.7	10-02	1.0	1.0	23
Southern States RT557N	71.0	66.4	.	10-03	1.0	1.0	24
R96-209	70.6	65.8	.	10-01	1.0	1.0	17
ASGROW AG5501	69.8	68.8	.	10-03	1.0	1.0	18
Delta King XTJ203RR	69.8	.	.	10-02	1.0	1.0	18
Terral TV5486RR	69.6	67.7	65.4	10-01	1.0	1.0	33
Delta Grow 5450RR	69.6	65.4	.	10-03	1.0	1.0	19
Armor 52-C2	69.4	65.9	.	10-03	1.0	1.0	18
Hartz H5444RR	69.2	.	.	10-04	1.0	1.0	19
Croplan Genetics RC5454	68.8	.	.	10-02	1.0	1.0	18
Armor 54-Z4	68.2	.	.	10-03	1.0	1.0	18
ASGROW AG5603	68.0	.	.	10-04	1.0	1.0	17
HBK R5420	67.9	.	.	10-03	1.0	1.0	18
Croplan Genetics YRC56	67.8	.	.	10-03	1.0	1.0	18
Delta Grow 5600RR	67.5	.	.	10-03	1.0	1.0	19
Delta King XTJ205RR	67.4	.	.	10-02	1.0	1.0	20
Progeny 5410RR	67.2	62.0	.	10-02	1.0	1.0	21
Morsoy RT5440N	67.1	.	.	10-03	1.0	1.0	19
Deltapine DP5644RR	66.3	65.2	64.3	10-02	1.0	1.0	22
Morsoy RT5620N	66.1	.	.	10-02	1.0	1.0	20
Progeny 5415RR	66.1	.	.	10-03	1.0	1.0	17
Terral TV52R42	65.8	.	.	10-03	1.0	1.0	19
Caviness	65.8	66.5	66.0	10-01	1.0	1.0	18
Terral TVX54R001	65.6	.	.	10-03	1.0	1.0	18
Terral TVX5R400	65.4	.	.	10-02	1.0	1.0	18
Accomac	65.1	63.5	62.7	10-02	1.0	1.0	22
ASGROW AG5001	65.1	62.8	62.2	10-01	1.0	1.0	30
TN 96-58	65.0	.	.	10-04	1.0	1.0	18
AgriPro/Garst 5512RRN	64.7	.	.	10-03	1.0	1.0	18
Dyna-Gro 3562NRR	64.6	.	.	10-02	1.0	1.0	21
ES Ranger RR	64.6	.	.	10-01	1.0	1.0	17
Dyna-Gro 3518NRR	64.5	.	.	10-02	1.0	1.0	19
Dyna-Gro 3543NRR	64.4	.	.	10-03	1.0	1.0	18
Delta King 5465RR	64.3	62.9	.	10-03	1.0	1.0	18
Terral TV5666RR	64.1	61.8	59.5	10-03	1.0	1.0	22
Armor 53-K3	63.5	.	.	10-02	1.0	1.0	17
Vigoro V552NRR	63.4	.	.	10-01	1.0	1.0	19
ES Punch RR	63.1	.	.	10-01	1.0	1.0	22
Progeny 5600	62.8	62.3	60.5	10-01	1.0	1.0	17
Deltapine DP5414RR	62.7	.	.	10-03	1.0	1.0	24
Progeny 5660RR	62.6	.	.	10-02	1.0	1.0	21
Hartz H5231RR	62.4	61.2	.	10-01	1.0	1.0	16
USG 540NRR	62.2	.	.	10-02	1.0	1.0	17

Table 10. Performance of Irrigated Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>							
Delta King 5668RR	62.1	61.4	.	10-02	1.0	1.0	18
Delta King 5661RR	61.8	61.0	61.2	10-02	1.0	1.0	19
Southern States SSRT5001N	61.8	.	.	10-02	1.0	1.0	20
Croplan Genetics YRC51	61.8	.	.	10-02	1.0	1.0	19
Delta King XTJ204RR	61.4	.	.	10-02	1.0	1.0	20
HBK R5588	61.3	61.9	61.4	10-02	1.0	1.0	19
ASGROW AG5602	60.8	60.4	60.1	10-04	1.0	1.0	18
Progeny 5120N	60.0	59.8	58.9	10-01	1.0	1.0	19
Delta Grow 5250RR	59.8	60.1	.	10-02	1.0	1.0	17
Dyna-Gro 3535NRR	59.4	.	.	10-02	1.0	1.0	21
Southern States SS5200STS	58.9	.	.	10-02	1.3	1.0	35
Terral TVX56R001	58.9	.	.	10-02	1.0	1.0	22
USG 510NRR	58.2	.	.	10-02	1.0	1.0	16
Terral TVX5R600	58.2	.	.	10-03	1.0	1.0	22
Pioneer Brand 95B32	58.1	62.1	63.2	10-01	1.0	1.0	15
Morsoy RT5110N	58.0	.	.	10-02	1.0	1.0	16
Croplan Genetics RC5252	57.7	.	.	10-02	1.0	1.0	16
Dyna-Gro 3521NRR	57.5	.	.	10-02	1.0	1.0	16
Southern States SSRT517N	57.2	.	.	10-01	1.0	1.0	18
Delta King XTJ202RR	56.2	.	.	10-01	1.0	1.0	20
HBK R5620	55.3	.	.	10-03	1.0	1.0	21
Progeny 5585RR	54.2	.	.	10-02	1.0	1.0	18
Delta King 5366RR	53.8	56.4	.	10-02	1.0	1.0	19
Anand	53.1	51.6	52.3	10-02	1.0	1.0	14
Delta Grow 5630RR	52.7	56.6	.	10-03	1.0	1.0	21
Pioneer Brand 95B53	52.1	56.9	59.2	10-02	1.0	1.0	17
Armor 56-J6	52.1	.	.	10-02	1.0	1.0	20
Grand mean	63.3	.	.	10-02	1.0	1.0	20
LSD (5%)	7.3	.	.	1	0.1	ns	2
C.V. (%)	7.2	.	.	1	6.8	.	7
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>							
UARK-5798	72.7	70.4	67.0	10-05	1.0	1.0	23
Pioneer Brand 9594	71.6	72.7	71.0	10-05	1.0	1.0	20
HBK 5812	71.2	.	.	10-03	1.0	1.0	30
Southern States 597N	71.1	70.1	.	10-06	1.0	1.0	24
Deltapine DP5989	70.5	68.8	67.4	10-05	1.0	1.0	31
Delta King 5762RR	70.1	67.1	65.0	10-05	1.0	1.0	25
Terral TVX5R800	68.7	.	.	10-04	1.0	1.0	25
R95-2210	67.9	66.0	.	10-06	1.0	1.0	21
Dyna-Gro 3582NRR	67.9	66.0	.	10-05	1.0	1.0	25
Terral TVX58R001	67.3	.	.	10-04	1.0	1.0	25
Terral TV59R85	67.2	65.0	.	10-06	1.0	1.0	24

Table 10. Performance of Irrigated Soybean Cultivars, Rice Research and Extension Center, Stuttgart, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>							
ASGROW AG5902	67.2	65.8	.	10-07	1.0	1.0	23
HBK 5991	66.9	67.2	67.8	10-04	1.0	1.0	22
Pioneer 95B96	66.8	.	.	10-05	1.0	1.0	20
UARK-5896	66.7	66.7	64.1	10-04	1.0	1.0	25
Progeny 5900RR	66.2	66.1	65.6	10-05	1.0	1.0	24
Croplan Genetics YRC57	66.1	.	.	10-06	1.0	1.0	23
Pioneer 95B97	65.9	.	.	10-02	1.0	1.0	19
Bolivar	65.6	65.6	64.4	10-02	1.0	1.0	28
ASGROW AG5901	65.6	67.1	63.5	10-07	1.0	1.0	21
Morsoy RT5900N	65.6	.	.	10-06	1.0	1.0	23
ASGROW A5959	65.4	66.5	67.4	10-03	1.0	1.0	19
Delta King 5961RR	65.2	65.4	61.8	10-09	1.0	1.0	24
HBK 5990	65.2	67.2	65.8	10-06	1.0	1.0	19
Deltapine DP5806RR	64.8	66.0	63.2	10-05	1.0	1.0	23
Delta King 5850	64.6	63.3	62.4	10-03	1.0	1.0	21
Armor 59-B9	64.6	.	.	10-06	1.0	1.0	26
Deltapine DP5915RR	64.4	65.8	.	10-07	1.0	1.0	20
Delta King 5995	63.9	63.9	62.6	10-04	1.0	1.0	19
V91-3036	63.7	64.7	63.0	10-02	1.0	1.0	22
Delta Grow 5950RR	63.6	66.8	64.4	10-06	1.0	1.0	25
Croplan Genetics 590RR	63.5	64.8	62.7	10-05	1.0	1.0	22
ES Trooper RR	63.5	.	.	10-05	1.0	1.0	23
Terral TV59R98	63.0	.	.	10-05	1.0	1.0	25
Terral TVX5R900	62.9	.	.	10-06	1.0	1.0	25
Hartz H5885RR	62.8	64.3	.	10-03	1.0	1.0	20
Southern States RT5999N	62.4	64.5	.	10-05	1.0	1.0	21
HBK R5920	62.1	63.4	63.5	10-06	1.0	1.0	21
Pioneer Brand 95B95	61.0	63.4	62.2	10-05	1.0	1.0	22
HBK R5820	61.0	.	.	10-07	1.0	1.0	24
ASGROW AG5701	60.9	62.1	62.9	10-03	1.0	1.0	20
Syngenta S59-V6	60.5	63.7	62.9	10-02	1.0	1.0	19
Syngenta S57-A4	58.7	59.2	.	10-02	1.0	1.0	20
Syngenta S58-R3	58.5	.	.	10-03	1.0	1.0	18
Croplan Genetics YRC58	58.5	.	.	10-05	1.0	1.0	22
USG Exp570	57.3	.	.	10-04	1.0	1.0	22
Terral TV5926	57.0	58.5	56.8	10-05	1.0	1.0	24
Delsoy 5710	56.5	.	.	10-04	1.0	1.0	21
ES Marshal RR	52.0	.	.	10-05	1.0	1.0	24
Grand mean	64.4	.	.	10-05	1.0	1.0	23
LSD (5%)	6.5	.	.	2	ns	ns	3
C.V. (%)	6.2	.	.	1	.	.	7

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>							
Deltapine 4748S	74.1	63.9	.	9-22	1.0	1.0	42
HBK R4820	72.7	.	.	9-20	1.0	1.0	39
ASGROW A4324	68.5	46.9	.	9-13	1.0	1.0	35
Armor 44-R4	66.7	.	.	9-14	1.0	1.0	36
ASGROW AG4403	64.5	53.2	.	9-15	1.0	1.0	39
Delta King 4763RR	63.0	.	.	9-17	1.0	1.0	34
Armor 47-G7	61.5	.	.	9-20	1.0	1.0	37
MPV 457NRR	61.3	51.0	48.6	9-16	1.0	1.0	36
Hartz H4554RR	61.1	.	.	9-14	1.0	1.0	36
Dixie 478	61.0	56.9	62.0	9-18	1.0	1.0	38
Deltapine DP4690RR	60.9	53.4	58.6	9-20	1.0	1.0	39
Dyna-Gro 3443NRR	60.8	.	.	9-14	1.0	1.0	38
HBK 4891	60.5	52.6	55.3	9-20	1.0	1.0	39
Delta King 4461RR	60.5	.	.	9-17	1.0	1.0	33
Terral TV4589RR	59.8	50.7	.	9-16	1.0	1.0	38
Willcross RR2569N	59.7	.	.	9-14	1.0	1.0	32
Deltapine 4344RR	59.0	48.5	.	9-15	1.0	1.0	45
ASGROW AG4702	58.0	41.5	46.8	9-15	1.0	1.0	35
Deltapine DPX4300RR	56.5	.	.	9-11	1.0	1.0	35
Armor 42-L2	55.8	.	.	9-10	1.0	1.0	35
ASGROW AG4301	55.6	.	.	9-18	1.0	1.0	39
AgriPro/Garst 4512RRN	55.6	.	.	9-14	1.0	1.0	35
Delta King 4762 RR	55.4	45.7	51.5	9-18	1.0	1.0	36
Vigoro V462NRS	54.7	.	.	9-13	1.0	1.0	36
Delta King 4680	53.2	41.4	50.3	9-21	1.0	1.0	34
Delta King 3961RR	53.0	.	.	9-10	1.0	1.0	37
Delta King 3862RR	53.0	.	.	9-07	1.0	1.0	33
Delta King 3968RR	52.9	.	.	9-07	1.0	1.0	30
AgriPro/Garst 4501RR/N	52.6	.	.	9-13	1.0	1.0	39
Delta King 4711	51.9	43.3	50.4	9-20	1.0	1.0	39
Syngenta S46-G2	51.9	.	.	9-14	1.0	1.0	38
HBK R4660	50.4	41.3	41.5	9-16	1.0	1.0	40
Dyna-Gro 3468NRR	46.4	40.4	44.1	9-18	1.0	1.0	28
Delta King 3964RR	46.1	.	.	9-07	1.0	1.0	40
Grand mean	58.2	.	.	9-15	1.0	1.0	37
LSD (5%)	11.4	.	.	4	ns	ns	5
C.V. (%)	11.9	.	.	3	.	.	8

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	3-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>							
Progeny 4910	69.8	34.9	51.8	9-23	1.0	1.0	44
Delta King 4868RR	64.6	53.4	54.6	9-18	1.0	1.0	36
MFA Morsoy RT 4809	64.3	53.0	54.7	9-20	1.0	1.0	35
Terral TV4881	63.7	47.6	50.2	9-19	1.0	1.0	37
HBK R4920	61.8	48.0	.	9-21	1.0	1.0	41
Terral TV4975	60.0	56.5	55.7	9-25	1.0	1.0	46
Southern States RT4980	58.6	48.4	.	9-20	1.0	1.0	39
Md 4900	58.5	52.8	56.8	9-28	1.0	1.0	20
Progeny 4901RR	58.2	.	.	9-24	1.0	1.0	39
DT97-4290	57.5	52.2	.	9-23	1.0	1.0	38
Deltapine SG 498RR	56.8	48.3	56.2	9-24	1.0	1.0	36
Delta Grow 4950RR	56.8	.	.	9-19	1.0	1.0	38
HBK R5101	55.9	.	.	9-24	1.0	1.0	50
Dixie 4803RR	55.7	47.5	52.4	9-21	1.3	1.0	38
Manokin	55.1	45.7	47.8	9-24	1.0	1.0	29
Croplan Genetics RC4995	55.1	.	.	9-21	1.0	1.0	42
USG 7489RR	55.1	.	.	9-21	1.0	1.0	39
Croplan Genetics 480RR	54.7	45.4	.	9-18	1.0	1.0	34
FFR 4900RR	54.5	.	.	9-24	1.0	1.0	36
Deltapine DPX 4885RR	54.5	.	.	9-18	1.0	1.0	37
Terral TV4886RR	54.4	46.4	.	9-17	1.0	1.0	39
ASGROW AG4902	54.3	47.8	49.9	9-19	1.0	1.0	35
ES Prairie RRI	54.3	47.9	.	9-24	1.7	1.0	43
Delta King XTJ201RR	54.2	.	.	9-18	1.0	1.0	34
Triumph TR4810RR	54.1	.	.	9-20	1.0	1.0	39
Progeny 4858RR	52.7	.	.	9-20	1.0	1.0	39
Hartz H4884RR	52.5	44.5	.	9-20	1.0	1.0	39
Dyna-Gro 3484NRR	52.4	44.5	.	9-19	1.0	1.0	37
Delta Grow 4850RR	52.3	43.8	41.6	9-19	1.0	1.0	37
Delta King 4965RR	50.4	41.2	46.1	9-18	1.0	1.0	36
S99-2607RR	49.4	.	.	9-21	1.0	1.0	42
AgriPro AP 4888 RR	49.2	47.2	53.5	9-20	1.0	1.0	41
Delta King XTJ184RR	49.2	.	.	9-16	1.0	1.0	32
Terral TV4890RR	48.0	41.1	40.7	9-12	1.0	1.0	38
Pioneer Variety 9492	43.8	37.4	42.8	9-18	1.0	1.0	35
EKXP 4855	34.2	.	.	9-18	1.0	1.0	42
Grand mean	54.9	.	.	9-20	1.0	1.0	38
LSD (5%)	8.2	.	.	3	0.2	ns	6
C.V. (%)	9.2	.	.	2	13.0	.	9

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year ¹ Avg.	3-Year ¹ Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>							
Progeny 5660RR	70.5	.	.	10-04	1.0	1.0	40
Terral TVX5R600	69.3	.	.	10-04	1.0	1.0	40
Armor 56-J6	68.7	.	.	10-03	1.0	1.0	38
Morsoy RT5440N	68.5	.	.	10-03	1.0	1.0	37
Terral TVX56R001	68.0	.	.	10-02	1.0	1.0	38
Hartz H5444RR	67.8	.	.	10-02	1.0	1.0	36
Dyna-Gro 3535NRR	67.7	.	.	10-02	1.0	1.0	37
TN 96-58	67.2	62.1	.	10-03	1.0	1.0	35
Delta King XTJ204RR	67.0	.	.	10-04	1.0	1.0	41
Delta King 5366RR	66.4	.	.	10-01	1.0	1.0	35
Delta King XTJ202RR	66.4	.	.	9-30	1.0	1.0	37
R96-209	66.2	.	.	10-02	1.0	1.0	34
Armor 52-C2	65.7	.	.	9-29	1.0	1.0	32
Progeny 5415RR	65.3	.	.	10-01	1.0	1.0	34
Progeny 5600	65.1	57.1	.	9-29	1.0	1.0	35
Delta Grow 5630RR	65.1	.	.	10-03	1.0	1.0	34
Dyna-Gro 3562NRR	64.7	.	.	10-03	1.0	1.0	36
Armor 54-Z4	64.3	.	.	10-02	1.0	1.0	37
Delta King 5668RR	64.2	.	.	9-29	1.0	1.0	34
Hutcheson	63.7	56.5	49.5	9-30	1.0	1.0	31
Morsoy RT5620N	63.5	.	.	9-30	1.0	1.0	33
Anand	63.4	55.6	.	10-03	1.0	1.0	25
ASGROW AG5603	62.7	.	.	10-03	1.0	1.0	36
AgriPro/Garst 5512RRN	62.7	.	.	9-30	1.0	1.0	33
HBK R5620	62.0	.	.	10-04	1.0	1.0	37
Delta King 5661RR	61.8	59.6	.	10-04	1.0	1.0	41
Deltapine DP5110S	61.1	.	.	9-24	1.0	1.0	42
Delta King XTJ205RR	61.1	.	.	9-29	1.0	1.0	34
Terral TVX5R400	61.0	.	.	10-02	1.0	1.0	37
Hartz H5231RR	60.7	.	.	9-30	1.0	1.0	31
ASGROW AG5501	60.3	.	.	10-03	1.0	1.0	34
Caviness	60.0	58.9	53.4	9-29	1.0	1.0	33
Croplan Genetics RC5454	59.9	.	.	9-29	1.0	1.0	29
Progeny 5120N	59.6	51.9	.	9-26	1.0	1.0	41
Delsoy 5500	58.3	59.9	56.8	9-30	1.0	1.0	36
Terral TVX54R001	58.3	.	.	10-02	1.0	1.0	32
USG 510NRR	57.8	.	.	10-01	1.0	1.0	34
Pioneer Brand 95B32	57.2	57.6	.	9-26	1.0	1.0	29
Southern States SSRT517N	57.2	.	.	9-25	1.0	1.0	31
Delta King 5465RR	56.9	.	.	9-30	1.0	1.0	35
Deltapine DP5414RR	56.5	.	.	9-28	1.3	1.0	42
S99-2447RR	56.4	.	.	10-01	1.0	1.0	34
USG 540NRR	56.3	.	.	9-28	1.0	1.0	34
ASGROW AG5602	56.1	54.7	.	10-03	1.0	1.0	32
Accomac	56.0	53.9	48.8	9-28	1.0	1.0	36

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year ¹ Avg.	3-Year ¹ Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>							
Dyna-Gro 3543NRR	55.8	.	.	10-02	1.0	1.0	34
Dyna-Gro 3518NRR	55.4	.	.	9-27	1.0	1.0	35
Delta Grow 5450RR	55.2	.	.	9-30	1.0	1.0	31
Croplan Genetics YRC56	55.0	.	.	10-01	1.0	1.0	36
ASGROW AG5001	54.9	51.5	.	9-23	1.0	1.0	35
Pioneer Brand 95B53	54.9	60.9	.	9-28	1.0	1.0	30
Terral TV5666RR	54.8	50.7	44.3	10-03	2.0	1.0	38
HBK R5420	54.4	.	.	9-29	1.0	1.0	33
Delta Grow 5600RR	54.0	.	.	10-01	1.0	1.0	34
Vigoro V552NRR	54.0	.	.	9-25	1.0	1.0	35
S99-2448RR	53.9	.	.	9-30	1.0	1.0	30
Southern States SS5200STS	53.7	.	.	9-30	1.0	1.0	50
HBK X550-01	53.5	.	.	10-04	1.0	1.0	32
HBK R5588	53.0	50.1	42.0	9-29	1.0	1.0	36
Delta King XTJ203RR	52.8	.	.	9-30	1.0	1.0	32
Willcross RR2517N	52.4	49.4	46.3	9-30	1.0	1.0	35
Dyna-Gro 3521NRR	52.1	.	.	10-01	1.0	1.0	29
Southern States SSRT5001N	52.1	.	.	9-25	1.0	1.0	39
Deltapine DP5644RR	51.2	56.7	51.5	9-28	1.0	1.0	38
Armor 53-K3	51.1	.	.	9-30	1.0	1.0	32
Willcross RR2520N	51.1	49.7	.	9-23	1.0	1.0	28
Willcross RR2549N	50.9	.	.	9-25	1.3	1.0	32
Croplan Genetics YRC51	50.7	.	.	9-27	1.0	1.0	40
ES Punch RR	50.4	.	.	9-29	1.0	1.0	39
Progeny 5585RR	50.2	.	.	10-02	1.0	1.0	37
Morsoy RT5110N	49.9	.	.	9-29	1.0	1.0	30
Progeny 5410RR	49.6	.	.	9-26	1.3	1.0	34
Southern States RT557N	49.5	49.6	45.8	9-29	1.0	1.0	37
Delta Grow 5250RR	49.5	.	.	10-01	1.0	1.0	32
ES Ranger RR	49.2	.	.	9-29	1.0	1.0	29
Terral TV5486RR	46.9	46.5	.	9-28	1.3	1.0	44
Terral TV52R42	45.0	.	.	9-26	1.0	1.0	35
Croplan Genetics RC5252	45.0	.	.	10-02	1.0	1.0	33
Grand mean	58.1	.	.	9-30	1.0	1.0	35
LSD (5%)	8.2	.	.	3	0.2	ns	5
C.V. (%)	8.8	.	.	2	12.8	.	9

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year ¹ Avg.	3-Year ¹ Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>							
Pioneer Brand 9594	70.8	69.5	65.2	10-03	1.0	1.0	38
ASGROW A5959	70.2	65.4	58.2	9-29	1.0	1.0	38
Pioneer 95B96	66.4	.	.	10-04	1.0	1.0	38
Delta King 5995	64.6	60.3	59.3	10-01	1.0	1.0	40
USG Exp570	63.5	.	.	10-03	1.0	1.0	38
HBK 5991	62.3	58.4	59.8	9-29	1.7	1.0	38
Pioneer 95B97	61.5	.	.	10-02	1.0	1.0	35
ASGROW AG5701	61.1	64.0	.	10-01	1.0	1.0	40
Hartz H5885RR	59.6	.	.	10-03	1.0	1.0	39
Bolivar	58.6	56.2	.	9-30	1.3	1.0	39
HBK 5990	57.6	64.4	61.6	10-03	1.0	1.0	38
UARK-5798	57.4	58.2	53.8	10-01	1.7	1.0	36
Pioneer Brand 95B95	57.0	59.2	.	10-03	1.0	1.0	36
R95-2210	56.8	.	.	10-04	1.0	1.0	34
UARK-5896	56.7	60.0	53.5	10-03	1.0	1.0	37
Willcross RR2580N	56.7	55.4	.	10-05	1.0	1.0	34
Southern States 597N	56.0	.	.	10-05	1.0	1.0	40
Delta King 5762RR	55.9	55.2	.	10-04	1.0	1.0	42
Delta King 5850	55.8	59.6	54.3	9-29	1.0	1.0	41
Southern States RT5999N	55.0	.	.	10-02	1.0	1.0	39
HBK 5992	54.8	.	.	10-02	1.0	1.0	38
Delta Grow 5950RR	54.5	53.4	.	10-05	1.0	1.0	43
Croplan Genetics 590RR	54.4	60.1	.	10-03	1.0	1.0	38
DT96-6840	54.3	60.5	.	9-30	1.3	1.0	36
HBK R5920	54.0	52.2	.	10-05	1.0	1.0	41
Deltapine DP5806RR	53.6	53.4	53.3	10-03	1.0	1.0	39
Syngenta S59-V6	53.3	56.1	53.4	9-29	1.0	1.0	44
Morsoy RT5900N	53.2	.	.	10-04	1.0	1.0	38
Deltapine DP5989	53.2	60.9	.	10-01	1.7	1.0	44
Deltapine DP5915RR	52.9	51.5	.	10-04	1.0	1.0	36
Progeny 5900RR	52.7	54.5	.	10-04	1.0	1.0	39
ASGROW AG5902	52.2	.	.	10-04	1.0	1.0	39
Terral TV59R85	52.1	.	.	10-05	1.0	1.0	41
Croplan Genetics YRC57	51.5	.	.	10-05	1.0	1.0	39
ASGROW AG5901	50.8	52.0	.	10-04	1.0	1.0	39
ES Trooper RR	50.6	.	.	10-05	1.3	1.0	39
HBK R5820	50.5	.	.	10-02	1.0	1.0	39
Delta King 5961RR	50.1	51.8	50.6	10-05	1.0	1.0	39
V91-3036	50.0	55.5	49.6	9-29	1.0	1.0	40
Croplan Genetics YRC58	49.4	.	.	10-01	1.0	1.0	38
Terral TVX58R001	49.0	.	.	10-03	1.0	1.0	39
Dyna-Gro 3582NRR	48.8	.	.	10-02	1.0	1.0	37
Terral TVX5R800	48.7	.	.	10-03	1.0	1.0	38
HBK 5812	48.1	.	.	9-29	1.0	1.0	41
Willcross RR2590NSTS	47.4	47.3	.	10-02	1.0	1.0	39

Table 11. Performance of Irrigated Soybean Cultivars, Southeast Research and Extension Center, Rohwer, AR, 2001, Continued.

Brand/Cultivar	2001 bu/A	2-Year ¹ Avg.	3-Year ¹ Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>							
Terral TV5926	47.3	54.6	55.4	10-03	1.0	1.0	39
Armor 59-B9	47.2	.	.	10-02	1.0	1.0	43
Syngenta S58-R3	46.7	.	.	9-28	1.0	1.0	34
Delsoy 5710	45.8	52.6	46.5	10-02	1.0	1.0	40
Syngenta S57-A4	45.3	.	.	9-27	1.0	1.0	36
ES Marshal RR	45.0	.	.	10-03	1.0	1.0	40
Terral TVX5R900	38.6	.	.	10-03	1.0	1.0	37
Terral TV59R98	34.9	.	.	9-29	1.0	1.0	36
Grand mean	53.7	.	.	10-02	1.1	1.0	39
LSD (5%)	7.8	.	.	3	0.3	ns	6
C.V. (%)	8.9	.	.	2	19.5	.	9

Maturity Group VI

Pioneer Brand 96B21RR	63.0	62.6	.	10-03	1.0	1.0	42
R92-1258	57.8	53.1	51.1	10-03	1.0	1.0	38
HBK R6020	55.9	53.9	.	10-04	1.0	1.0	36
Vigoro V622NRR	54.6	.	.	10-03	1.0	1.0	40
ASGROW AG6201	54.4	50.6	.	10-05	1.0	1.0	40
Dillon	54.3	53.5	51.7	10-05	1.0	1.0	45
AgriPro/Garst XR0162N44	53.9	.	.	10-04	1.0	1.0	40
AgriPro/Garst 6612RRN	51.4	.	.	10-18	1.0	1.0	42
Dyna-Gro 3600NRR	50.5	.	.	9-29	1.0	1.0	41
Grand mean	55.1	.	.	10-05	1.0	1.0	40
LSD (5%)	8.5	.	.	3	ns	ns	7
C.V. (%)	8.8	.	.	2	.	.	9

¹Two and Three-year averages for MG5, MG6 tests are from 1998, 1999, and 2001 (no data reported for 2000).

Soil Series..... Sharkey clay
 Previous Crop..... fallow
 Row Width..... 19 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 5-23-01
 Herbicide Application..... 2.4 pts./A Prowl + 1.4 oz./A Scepter, 4-06-01, 10 oz./A Select, 6-11-01,
 1.0 pt./A Flexstar, 6-18-01, 1.0 pt./A Blazer, 8-27-01
 Irrigation Dates..... 6-26-01, 7-03-01, 7-18-01, 7-27-01, 8-06-01, 8-16-01, 8-27-01
 Harvest Dates..... MG4 Early: 9-28-01
 MG4 Late: 10-03-01
 MG5 Early: 10-09-01
 MG5 Late: 10-09-01
 MG6: 10-10-01

Precipitation (inches)

	April	May	June	July	August	September	October	Total
2001	4.4	7.0	2.2	2.2	3.8	1.8	10.4	31.8
Average	5.0	4.7	3.5	3.9	2.7	3.1	2.7	25.6
Departure	-0.6	+2.3	-1.3	-1.7	+1.1	-1.3	+7.7	+6.2

Table 12. Performance of Irrigated Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>						
HBK 4891	57.0	38.6	9-25	1.3	1.3	36
Deltapine 4748S	54.5	41.3	9-28	2.0	1.0	39
Armor 44-R4	54.0	.	9-21	1.0	1.0	33
Deltapine DP4690RR	51.2	38.7	9-27	1.3	1.0	38
ASGROW AG4403	51.2	37.5	9-22	1.0	1.0	33
HBK R4820	51.0	.	9-27	1.7	1.0	34
Delta King 4711	49.6	36.3	9-22	2.0	1.0	37
Delta King 4461RR	48.9	.	9-25	1.0	1.0	31
Dixie 478	48.8	34.7	9-25	1.7	1.0	37
Vigoro V462NRS	48.6	.	9-25	2.0	1.0	33
Delta King 4762 RR	47.4	37.6	9-28	2.3	1.0	41
ASGROW AG4301	46.4	.	9-26	2.0	1.0	31
Dyna-Gro 3443NRR	46.4	.	9-21	1.0	1.0	31
ASGROW AG4702	45.8	33.8	9-26	1.7	1.0	29
Syngenta S46-G2	45.5	.	9-21	1.0	1.0	35
MPV 457NRR	45.4	.	9-26	2.0	1.0	29
Delta King 4680	44.9	34.5	9-27	1.3	1.0	29
ASGROW A4324	42.8	32.2	9-23	1.0	1.0	28
HBK R4660	42.6	35.6	9-23	1.3	1.0	35
Armor 42-L2	42.3	.	9-24	2.3	1.0	32
Deltapine 4344RR	42.0	29.0	9-24	2.0	1.0	36
Deltapine DPX4300RR	41.5	.	9-21	1.0	1.7	31
Hartz H4554RR	40.2	.	9-22	1.0	1.0	27
Delta King 3964RR	40.2	.	9-21	2.3	1.0	32
Delta King 3968RR	39.5	.	9-21	1.0	3.3	22
Dyna-Gro 3468NRR	38.4	33.3	9-22	1.3	1.0	23
Delta King 4763RR	37.9	.	9-26	1.0	1.0	27
Delta King 3862RR	37.8	.	9-22	1.7	1.0	28
Armor 47-G7	37.3	.	9-27	1.0	1.0	24
Terral TV4589RR	37.1	28.5	9-22	1.3	1.0	27
Delta King 3961RR	36.0	.	9-22	1.0	1.0	29
Grand mean	44.9	.	9-24	1.5	1.1	32
LSD (5%)	13.1	.	3	0.7	0.3	6
C.V. (%)	17.7	.	2	.	15.9	11

Table 12. Performance of Irrigated Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>					
Progeny 4910	63.8	47.0	2.7	1.0	40
Manokin	61.3	46.2	1.0	1.0	24
FFR 4900RR	55.2	.	1.0	1.0	33
Pioneer Variety 9492	54.7	41.5	1.3	1.0	37
Delta Grow 4950RR	54.7	.	1.7	1.0	38
Terral TV4890RR	54.0	42.2	2.0	1.0	41
Delta King XTJ184RR	54.0	.	2.0	1.0	41
Terral TV4975	53.8	40.6	2.0	1.0	41
Delta King 4868RR	53.8	38.8	1.3	1.0	35
AgriPro AP 4888 RR	53.7	37.3	2.0	1.0	37
Dixie 4803RR	53.7	36.3	1.0	1.0	37
HBK R4920	53.6	37.5	2.7	1.0	39
Terral TV4881	53.5	38.5	1.7	1.0	37
Hartz H4884RR	53.0	38.0	2.0	1.0	38
Progeny 4858RR	52.6	.	2.0	1.0	37
Croplan Genetics RC4995	52.1	.	1.3	1.0	37
Croplan Genetics 480RR	51.9	38.9	2.0	1.0	37
ES Prairie RRI	51.9	.	4.3	1.0	40
MFA Morsoy RT 4809	50.9	37.6	1.3	1.0	34
Dyna-Gro 3484NRR	50.5	.	2.0	1.0	37
Delta Grow 4850RR	50.2	40.0	1.7	1.0	38
Md 4900	50.1	41.3	1.0	1.0	17
Southern States RT4980	50.0	34.6	1.7	1.0	37
USG 7489RR	50.0	.	1.7	1.0	37
Delta King 4965RR	49.8	35.7	1.0	1.0	31
Deltapine SG 498RR	49.8	39.7	1.0	1.0	31
ASGROW AG4902	49.3	38.1	1.3	1.0	33
Delta King XTJ201RR	48.1	.	1.0	1.0	33
Triumph TR4810RR	48.0	.	1.7	1.0	36
Progeny 4901RR	47.9	.	2.0	1.0	38
Terral TV4886RR	46.7	33.7	1.7	1.0	43
HBK R5101	46.6	.	1.7	1.0	45
Deltapine DPX 4885RR	45.5	.	2.0	1.0	37
EKXP 4855	40.0	.	1.3	1.0	42
Grand mean	51.6	.	1.7	1.0	36
LSD (5%)	7.3	.	0.7	ns	4
C.V. (%)	8.7	.	.	.	6

Table 12. Performance of Irrigated Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>					
Dyna-Gro 3535NRR	69.7	.	1.7	1.0	34
Delta King XTJ202RR	66.7	.	1.3	1.0	28
Vigoro V552NRR	66.2	.	2.0	1.0	28
Delta King 5366RR	64.9	49.1	1.3	1.0	24
Morsoy RT5620N	62.3	.	2.0	1.0	28
Delta King XTJ205RR	62.1	.	2.3	1.0	22
Progeny 5120N	61.2	46.3	1.3	1.0	21
AgriPro/Garst 5512RRN	61.2	.	1.0	1.0	27
Southern States RT557N	61.0	46.1	2.7	1.0	31
Progeny 5660RR	60.9	.	2.3	1.0	34
Delta King XTJ204RR	60.7	.	1.7	1.0	19
Terral TVX56R001	60.5	.	2.0	1.0	31
Terral TVX5R600	60.5	.	2.0	1.0	30
Armor 56-J6	59.5	.	2.0	1.0	30
Croplan Genetics YRC56	59.4	.	1.0	1.0	24
Dyna-Gro 3562NRR	59.2	.	2.3	1.0	25
Delta Grow 5600RR	59.0	.	1.3	1.0	15
Delta King 5465RR	58.9	42.1	1.0	1.0	25
Pioneer Brand 95B32	58.8	46.9	1.0	1.0	19
Delta King 5661RR	58.7	46.8	1.0	1.0	28
Caviness	58.3	41.8	2.7	1.0	30
Pioneer Brand 95B53	58.2	38.9	1.3	1.0	20
Progeny 5585RR	58.2	.	1.7	1.0	28
HBK R5620	58.2	.	1.7	1.0	32
Anand	57.7	43.9	1.0	1.0	18
Deltapine DP5644RR	57.3	41.0	1.3	1.0	22
Croplan Genetics RC5252	57.3	.	1.3	1.0	25
Terral TV52R42	57.2	.	1.7	1.0	22
Accomac	57.1	41.5	1.3	1.0	29
Hartz H5444RR	56.9	.	1.0	1.0	28
USG 510NRR	56.9	.	1.0	1.0	22
Progeny 5410RR	56.8	44.6	1.7	1.0	28
Delta King 5668RR	56.4	43.5	1.7	1.0	28
ASGROW AG5603	56.4	.	1.0	1.0	22
Dyna-Gro 3521NRR	56.3	.	1.3	1.0	25
Croplan Genetics YRC51	55.6	.	2.0	1.0	30
Hutcheson	55.4	40.7	1.7	1.0	28
Terral TV5486RR	55.2	42.1	2.7	1.0	52
Terral TV5666RR	55.1	43.8	2.0	1.0	32
Delta Grow 5630RR	54.2	40.9	1.7	1.0	22
Morsoy RT5110N	54.2	.	1.0	1.0	22
Terral TVX54R001	54.2	.	1.0	1.0	23
ASGROW AG5501	54.1	42.8	1.0	1.0	26
Morsoy RT5440N	53.8	.	1.0	1.0	25
Hartz H5231RR	53.4	39.4	1.3	1.0	19

Table 12. Performance of Irrigated Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>					
Armor 54-Z4	53.2	.	1.0	1.0	22
Southern States SSRT517N	52.9	.	1.3	1.0	20
HBK R5420	52.9	.	1.7	1.0	26
Delsoy 5500	52.8	42.7	1.0	1.0	21
TN 96-58	52.8	.	1.0	1.0	24
ASGROW AG5602	52.5	39.1	1.7	1.0	15
Delta Grow 5250RR	52.3	39.9	1.0	1.0	16
Deltapine DP5414RR	52.1	.	1.7	1.0	23
Progeny 5415RR	52.0	.	1.7	1.0	25
Dyna-Gro 3543NRR	51.7	.	1.0	1.0	19
Deltapine DP5110S	51.6	.	2.7	1.0	42
ES Ranger RR	51.4	.	1.7	1.0	18
Progeny 5600	51.2	41.4	1.0	1.0	16
ASGROW AG5001	50.3	37.4	2.7	1.0	34
Terral TVX5R400	50.1	.	1.0	1.0	18
R96-209	49.9	38.3	1.0	1.0	14
Delta King XTJ203RR	49.7	.	1.0	1.0	21
HBK R5588	49.6	41.1	1.7	1.0	19
ES Punch RR	49.2	.	2.7	1.0	32
Dyna-Gro 3518NRR	48.8	.	1.3	1.0	22
Delta Grow 5450RR	48.2	37.8	1.0	1.0	20
Croplan Genetics RC5454	48.1	.	1.0	1.0	26
Southern States SS5200STS	47.7	.	3.0	2.0	42
Armor 53-K3	47.6	.	1.3	1.0	18
Southern States SSRT5001N	46.9	.	2.0	1.0	26
USG 540NRR	45.8	.	1.0	1.0	16
Armor 52-C2	45.6	34.7	1.3	1.0	14
Grand mean	55.5	.	1.5	1.0	25
LSD (5%)	12.8	.	0.8	0.2	
C.V. (%)	14.4	.	.	11.6	
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>					
HBK 5990	61.4	45.9	1.0	1.0	26
ASGROW AG5901	61.3	45.0	1.0	1.0	29
Terral TVX5R800	60.4	.	2.0	1.0	33
Syngenta S59-V6	60.3	44.6	1.3	1.0	29
Croplan Genetics YRC57	58.9	.	1.0	1.0	30
Syngenta S58-R3	58.8	.	1.0	1.0	23
ASGROW A5959	58.2	45.3	1.7	1.0	30
Hartz H5885RR	58.2	39.5	1.0	1.0	24
HBK 5812	58.2	.	2.3	1.0	36
Delta King 5961RR	57.9	43.5	1.0	1.0	31
Delta King 5995	57.9	48.0	1.3	1.0	28

Table 12. Performance of Irrigated Soybean Cultivars, McLelland Farm, Clark County, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>					
Terral TVX58R001	57.6	.	1.7	1.0	32
Croplan Genetics 590RR	57.4	43.7	1.7	1.0	32
Deltapine DP5806RR	57.1	45.6	2.0	1.0	33
Delta King 5850	56.7	45.8	1.3	1.0	23
Southern States 597N	56.6	43.6	1.0	1.0	28
Terral TVX5R900	56.5	.	1.7	1.0	35
Deltapine DP5915RR	56.4	39.7	1.0	1.0	30
USG Exp570	56.2	.	1.7	1.0	28
Croplan Genetics YRC58	55.8	.	1.0	1.0	35
Terral TV59R98	55.7	.	1.3	1.0	34
UARK-5798	55.5	44.6	2.3	1.0	24
Terral TV59R85	55.4	47.1	1.3	1.0	33
Deltapine DP5989	54.9	47.5	2.3	1.0	41
Delta King 5762RR	54.8	45.5	2.0	1.0	32
Pioneer 95B96	54.8	.	1.0	1.0	28
Pioneer Brand 9594	54.6	43.8	1.3	1.0	29
ASGROW AG5701	54.4	39.3	1.3	1.0	30
Dyna-Gro 3582NRR	54.2	41.4	1.7	1.0	29
R95-2210	54.1	42.3	2.3	1.0	35
UARK-5896	53.8	41.2	1.0	1.0	32
ASGROW AG5902	53.7	41.2	1.0	1.0	32
HBK 5991	53.6	42.8	1.7	1.0	24
HBK R5920	53.6	43.2	1.3	1.0	34
Delta Grow 5950RR	53.5	44.3	1.7	1.0	32
Southern States RT5999N	53.3	44.8	1.0	1.0	30
Armor 59-B9	53.3	.	1.7	1.0	32
Progeny 5900RR	53.2	41.8	1.0	1.0	31
Pioneer 95B97	53.2	.	1.3	1.0	22
Syngenta S57-A4	52.8	39.5	1.0	1.0	26
Morsoy RT5900N	52.8	.	1.3	1.0	36
ES Marshal RR	52.6	.	1.7	1.0	34
ES Trooper RR	52.5	.	2.0	1.0	27
HBK R5820	50.8	.	2.0	1.0	32
Terral TV5926	49.8	37.6	1.0	1.0	30
Delsoy 5710	48.8	.	1.3	1.0	31
V91-3036	47.3	38.4	1.3	1.0	20
Pioneer Brand 95B95	46.6	36.3	1.0	1.0	33
Bolivar	45.1	35.0	1.7	1.0	33
Grand mean	54.9	.	1.4	1.0	30
LSD (5%)	7.4	.	0.9	ns	.
C.V. (%)	8.2	.	.	.	.

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or Less)</u>						
Deltapine 4748S	50.8	.	10-04	2.0	2.0	44
Armor 47-G7	49.1	.	10-04	1.0	1.0	34
Delta King 4763RR	48.5	.	10-05	1.0	1.0	37
Armor 44-R4	47.3	.	10-02	1.0	1.0	32
Dyna-Gro 3443NRR	46.4	.	10-02	1.0	1.0	31
ASGROW AG4403	46.3	.	10-02	1.0	1.0	34
HBK R4820	46.0	.	10-05	1.0	1.0	31
Delta King 4711	45.9	58.5	10-05	1.7	1.0	35
Syngenta S46-G2	44.3	.	10-02	1.0	1.0	32
Dixie 478	44.2	55.3	10-04	1.0	1.0	31
Delta King 3968RR	44.2	.	9-28	1.0	2.0	29
Delta King 4461RR	43.9	.	10-01	1.0	1.0	30
Delta King 3961RR	43.4	.	9-28	1.0	1.0	31
HBK 4891	43.1	53.8	10-02	1.3	1.7	34
Delta King 4762 RR	43.0	51.9	10-06	1.0	1.0	38
Deltapine 4344RR	42.8	.	9-30	2.7	1.0	41
ASGROW A4324	42.6	.	9-30	1.0	1.0	30
ASGROW AG4301	42.2	.	10-07	1.0	1.0	34
Armor 42-L2	41.7	.	10-01	1.3	1.0	37
Delta King 3964RR	41.5	.	9-28	1.3	1.0	37
Terral TV4589RR	41.1	.	10-02	1.0	1.0	32
ASGROW AG4702	41.0	52.6	10-05	1.0	2.0	33
Deltapine DP4690RR	40.3	52.0	10-04	1.3	1.0	29
MPV 457NRR	39.1	50.6	10-02	1.0	1.0	33
Deltapine DPX4300RR	37.2	.	9-25	1.0	1.0	29
HBK R4660	34.5	45.1	10-05	1.7	1.0	33
Hartz H4554RR	34.5	.	10-02	1.0	1.0	36
Delta King 4680	33.3	52.2	10-07	1.0	1.0	32
Delta King 3862RR	32.9	.	9-28	1.0	1.0	28
Dyna-Gro 3468NRR	29.5	.	10-07	1.0	1.0	29
Vigoro V462NRS	24.8	.	10-04	1.0	1.0	32
Grand mean	41.5	.	10-02	1.2	1.1	33
LSD (5%)	8.1	.	ns	0.4	0.2	.
C.V. (%)	11.9	.	.	9.1	.	.

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>						
Terral TV4881	47.9	54.1	10-04	1.3	1.0	37
Md 4900	46.6	56.5	10-09	1.0	1.0	20
Progeny 4910	46.1	56.4	10-07	1.3	1.0	41
Dyna-Gro 3484NRR	45.7	.	10-05	1.0	1.0	33
Manokin	45.5	52.2	10-07	3.0	1.0	27
Deltapine DPX 4885RR	45.0	.	10-04	1.3	1.0	36
Progeny 4858RR	44.7	.	10-05	1.0	1.0	34
AgriPro AP 4888 RR	44.6	.	10-05	1.7	1.0	42
Delta King 4868RR	44.3	53.4	10-05	1.0	1.0	34
Delta King 4965RR	44.1	52.2	10-07	1.0	1.0	32
Dixie 4803RR	44.0	.	10-09	1.3	1.0	32
Progeny 4901RR	43.8	.	10-06	1.7	1.0	37
USG 7489RR	43.0	.	10-07	1.0	1.0	39
Deltapine SG 498RR	42.8	54.1	10-09	1.3	1.0	34
Croplan Genetics 480RR	42.7	.	10-04	1.0	1.0	37
ES Prairie RRI	42.6	.	10-07	2.0	1.0	35
Triumph TR4810RR	42.4	.	10-04	1.0	2.0	30
Terral TV4886RR	42.2	.	10-02	1.3	1.0	37
Croplan Genetics RC4995	42.2	.	10-05	1.3	1.0	28
Delta King XTJ184RR	41.8	.	10-06	1.0	2.0	34
Terral TV4975	41.4	47.1	10-08	2.3	1.0	45
Terral TV4890RR	41.4	51.9	10-01	1.3	1.0	38
Southern States RT4980	41.2	.	10-02	1.0	1.0	30
HBK R4920	40.9	.	10-07	1.0	1.0	38
Delta Grow 4950RR	40.9	.	10-04	1.3	1.0	28
Delta Grow 4850RR	40.8	.	10-05	1.0	2.0	37
ASGROW AG4902	40.6	52.0	10-06	1.0	2.0	36
Delta King XTJ201RR	40.6	.	10-06	1.0	1.0	31
Pioneer Variety 9492	40.2	50.4	10-02	1.0	1.0	27
FFR 4900RR	39.7	.	10-09	3.7	1.0	42
HBK R5101	39.4	.	10-09	1.3	1.0	33
Hartz H4884RR	38.3	.	10-06	1.0	2.0	34
EKXP 4855	38.3	.	10-04	1.3	2.0	43
MFA Morsoy RT 4809	36.0	.	10-07	1.0	1.0	23
Grand mean	42.4	.	10-06	1.3	1.2	34
LSD (5%)	6.7	.	ns	0.6	ns	.
C.V. (%)	9.8	.	.	.	.	.

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less)</u>						
TN 96-58	54.8	.	10-17	1.0	1.0	38
Delta King XTJ203RR	53.6	.	10-14	1.0	1.0	39
Delta Grow 5450RR	53.1	.	10-15	1.0	1.0	35
R96-209	52.7	.	10-17	2.0	1.0	36
Delta King 5465RR	50.6	.	10-15	2.0	1.0	40
Delta King 5366RR	50.6	.	10-15	2.0	1.0	36
Delta Grow 5250RR	50.1	.	10-16	1.0	1.0	34
Dyna-Gro 3543NRR	50.0	.	10-14	1.0	1.0	37
Pioneer Brand 95B32	49.7	59.9	10-15	1.0	1.0	33
USG 540NRR	49.5	.	10-17	1.0	1.0	33
Pioneer Brand 95B53	48.6	52.8	10-14	1.0	1.0	33
Delsoy 5500	48.5	53.1	10-19	2.0	1.0	32
Progeny 5415RR	48.4	.	10-15	1.0	2.0	40
Terral TVX56R001	48.3	.	10-21	2.0	2.0	37
ASGROW AG5501	48.2	.	10-19	1.0	1.0	36
Armor 56-J6	48.1	.	10-23	2.0	1.0	37
Delta King 5668RR	47.8	.	10-21	2.0	1.0	27
Armor 53-K3	47.8	.	10-17	1.0	1.0	35
Vigoro V552NRR	47.7	.	10-12	2.0	1.0	36
Hartz H5444RR	47.5	.	10-14	1.0	1.0	38
Armor 52-C2	47.4	.	10-17	1.0	1.0	36
Croplan Genetics RC5252	47.3	.	10-15	1.0	1.0	35
Delta King XTJ205RR	47.3	.	10-21	2.0	1.0	36
Dyna-Gro 3562NRR	47.1	.	10-21	3.0	1.0	36
HBK R5620	47.0	.	10-21	4.0	1.0	42
Morsoy RT5110N	46.9	.	10-12	1.0	1.0	37
Terral TVX5R600	46.9	.	10-19	2.0	1.0	29
Terral TVX54R001	46.8	.	10-15	1.0	1.0	37
Dyna-Gro 3535NRR	46.7	.	10-19	3.0	1.0	41
Southern States SS5200STS	46.7	.	10-12	1.0	2.0	36
Dyna-Gro 3521NRR	46.5	.	10-14	1.0	1.0	32
Terral TVX5R400	46.5	.	10-14	1.0	1.0	33
HBK R5588	46.3	52.5	10-17	3.0	1.0	37
Progeny 5410RR	46.3	.	10-15	3.0	1.0	33
Croplan Genetics RC5454	46.2	.	10-14	1.0	1.0	33
Delta King 5661RR	46.0	54.0	10-21	2.0	2.0	37
Armor 54-Z4	46.0	.	10-12	1.0	1.0	37
Progeny 5660RR	45.9	.	10-19	3.0	1.0	40
Southern States SSRT517N	45.8	.	10-14	2.0	1.0	36
Deltapine DP5110S	45.8	.	10-14	1.0	1.0	44
Anand	45.7	57.2	10-19	1.0	1.0	33
USG 510NRR	45.6	.	10-17	1.0	1.0	38
HBK R5420	45.4	.	10-14	1.0	1.0	39
Deltapine DP5644RR	45.2	54.7	10-19	3.0	1.0	42
Hutcheson	45.1	53.9	10-14	1.0	1.0	30

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or Less) Continued</u>						
Morsoy RT5440N	45.1	.	10-17	1.0	1.0	34
ASGROW AG5001	44.8	54.1	10-15	1.0	1.0	44
Delta King XTJ202RR	44.8	.	10-15	3.0	1.0	46
ASGROW AG5603	44.5	.	10-14	1.0	1.0	42
Morsoy RT5620N	44.5	.	10-23	3.0	1.0	37
Accomac	44.4	56.9	10-19	3.0	1.0	36
Dyna-Gro 3518NRR	44.3	.	10-17	2.0	1.0	38
Hartz H5231RR	44.2	.	10-17	1.0	1.0	39
Progeny 5585RR	44.0	.	10-17	1.0	1.0	36
Delta Grow 5630RR	43.6	.	10-21	2.0	1.0	42
AgriPro/Garst 5512RRN	43.6	.	10-14	1.0	1.0	32
Delta King XTJ204RR	43.3	.	10-23	3.0	1.0	43
Southern States RT557N	43.0	.	10-16	2.0	1.0	35
Terral TV52R42	43.0	.	10-19	1.0	1.0	38
ES Ranger RR	42.9	.	10-12	4.0	1.0	34
Southern States SSRT5001N	42.8	.	10-15	1.0	1.0	39
Caviness	42.5	57.0	10-19	3.0	1.0	34
Delta Grow 5600RR	42.1	.	10-21	1.0	1.0	34
Terral TV5666RR	41.7	51.1	10-14	2.3	1.0	38
ASGROW AG5602	41.6	49.4	10-17	1.0	1.0	39
Progeny 5120N	41.0	48.0	10-17	2.0	1.0	31
Croplan Genetics YRC56	41.0	.	10-17	2.0	1.0	38
Terral TV5486RR	40.9	50.7	10-15	1.0	1.0	39
Croplan Genetics YRC51	40.3	.	10-15	2.0	1.0	39
Deltapine DP5414RR	39.1	.	10-17	3.0	1.0	41
Progeny 5600	38.6	49.0	10-17	3.0	1.0	40
ES Punch RR	38.1	.	10-15	2.0	1.0	37
Grand mean	45.9	.	10-17	1.7	1.1	37
LSD (5%)	6.5	.	ns	0.2	ns	.
C.V. (%)	8.9	.	.	7.9	.	.
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>						
ASGROW A5959	46.8	58.9	10-19	3.0	1.0	42
Deltapine DP5915RR	46.1	.	10-23	1.0	1.0	41
Delta King 5995	44.9	63.9	10-21	3.0	1.0	32
Pioneer 95B97	44.8	.	10-17	1.0	1.0	34
HBK 5991	44.7	56.7	10-21	1.0	2.0	34
V91-3036	44.4	50.9	10-17	1.0	1.0	33
ASGROW AG5701	44.4	53.1	10-21	1.0	1.0	36
Delta Grow 5950RR	43.7	53.3	10-22	2.0	1.0	39
Deltapine DP5806RR	43.0	54.0	10-19	1.0	1.0	39
Delsoy 5710	42.5	.	10-23	2.0	1.0	40
Progeny 5900RR	42.4	52.7	10-23	2.0	1.0	40

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹, Continued.

Brand/Cultivar	2001 bu/A	2-Year Avg.	Maturity Date	Lodging Score	Shatter Score	Plant Ht(in)
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>						
ASGROW AG5902	42.4	.	10-26	1.0	1.0	31
Hartz H5885RR	42.4	.	10-21	2.0	1.0	36
Pioneer Brand 9594	41.7	56.4	10-19	1.0	1.0	38
ASGROW AG5901	41.5	50.4	10-19	1.0	2.0	41
USG Exp570	41.5	.	10-19	1.0	1.0	37
Terral TVX58R001	40.1	.	10-23	3.0	1.0	35
HBK 5990	40.0	51.9	10-17	1.0	1.0	35
Bolivar	40.0	48.4	10-17	2.0	1.0	41
UARK-5798	39.9	46.8	10-19	1.0	1.0	34
Morsoy RT5900N	39.9	.	10-26	3.0	1.0	43
Delta King 5850	39.7	49.2	10-17	1.0	2.0	37
Pioneer 95B96	39.2	.	10-19	2.0	1.0	41
Terral TV59R98	38.9	.	10-19	1.0	1.0	38
Croplan Genetics YRC58	38.8	.	10-23	1.0	1.0	45
Syngenta S59-V6	38.6	52.0	10-26	1.0	1.0	34
R95-2210	38.6	.	10-23	1.0	1.0	36
HBK R5820	38.5	.	10-20	2.0	1.0	37
Terral TV59R85	38.4	.	10-21	2.0	1.0	39
Dyna-Gro 3582NRR	38.4	.	10-23	2.0	1.0	36
Delta King 5762RR	38.2	50.3	10-23	3.0	1.0	39
Delta King 5961RR	37.6	49.7	10-23	1.0	1.0	37
Pioneer Brand 95B95	37.6	47.6	10-24	1.0	1.0	35
Terral TV5926	37.2	54.1	10-19	1.0	1.0	39
HBK 5812	37.2	.	10-19	1.0	1.0	40
Deltapine DP5989	37.0	47.2	10-19	4.0	1.0	49
Terral TVX5R800	37.0	.	10-23	1.0	1.0	37
Terral TVX5R900	36.4	.	10-17	1.0	1.0	35
Southern States RT5999N	36.2	.	10-19	1.0	1.0	39
Syngenta S57-A4	35.5	.	10-19	1.0	2.0	37
Armor 59-B9	34.7	.	10-19	1.0	1.0	40
HBK R5920	34.6	46.0	10-21	1.0	2.0	38
Croplan Genetics YRC57	34.2	.	10-19	3.0	1.0	38
Syngenta S58-R3	33.9	.	10-17	1.0	1.0	34
Croplan Genetics 590RR	33.7	44.8	10-21	1.0	1.0	36
UARK-5896	33.5	49.1	10-21	2.0	1.0	38
Southern States 597N	32.1	.	10-19	1.0	1.0	41
ES Marshal RR	30.4	.	10-21	1.0	2.0	39
ES Trooper RR	28.3	.	10-20	1.0	1.0	33
Grand mean	39.0	.	10-21	1.5	1.1	38
LSD (5%)	5.5	.	ns	ns	ns	.
C.V. (%)	8.6	.	.	.	.	.

¹Two-year averages are from 1999 and 2001 (no data reported for 2000)

Table 13. Performance of Irrigated Soybean Cultivars in Double-Crop Tests, Northeast Research and Extension Center, Keiser, AR, 2001¹, Continued.

Soil Series..... Sharkey clay
 Previous Crop..... Wheat
 Row Width..... 19 inches
 Fertilizer Applied..... None
 Lime Applied..... None
 Planting Date..... 6-18-01, 6-19-01
 Herbicide Application..... 3.0 pts./A Squadron + 1.0 pt./A Prowl, 6-14-01, 2.0 pts./A Basagran + 0.5 oz./A Classic, 7-09-01
 Irrigation Dates..... 7-16-01, 7-25-01, 7-31-01, 8-06-01, 8-09-01, 8-16-01, 8-21-01, 8-31-01, 9-06-01
 Harvest Dates..... MG4 Early: 10-09-01
 MG4 Late: 10-09-01
 MG5 Early: 10-24-01
 MG5 Late: 10-28-01

Precipitation (inches)

	April	May	June	July	August	September	October	Total
2001	1.1	4.9	2.3	1.6	0.7	1.9	8.6	21.1
Average	5.0	5.2	4.0	3.7	2.9	3.9	3.0	27.8
Departure	-3.9	-0.3	-1.7	-2.1	-2.2	-2.0	+5.6	-6.7

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
	% injury
<u>Early-Planted Cultivars</u>	
ASGROW AG3503	25
ASGROW AG3702	27
ASGROW AG3903	25
Croplan Genetics RC3838	27
Croplan Genetics RC3866	28
Croplan Genetics RC4444	22
Croplan Genetics RT4241	25
Croplan Genetics YRC49	23
Delta King 5267RR	28
Hartz HX38-92955	28
Hartz HX40-93038	23
HBK SB3980RR	25
HBK XR441-01	27
Pioneer 93B67	28
Pioneer 94B23	27
Pioneer 94B73	28
Southern States SS-RT 3975	28
Southern States SS-RT 4098	28
Southern States SS-RT 446N	23
Syngenta S39-Q4	25
Syngenta S52-U3	25
Williams 82	25
Grand mean	26
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or less)</u>	
AgriPro/Garst 4501RR/N	33
AgriPro/Garst 4512RRN	30
Armor 42-L2	30
Armor 44-R4	30
Armor 47-G7	28
ASGROW A4324	27
ASGROW AG4301	28
ASGROW AG4403	27
ASGROW AG4702	28
Delta King 3862RR	28
Delta King 3961RR	28
Delta King 3964RR	30
Delta King 3968RR	28
Delta King 4461RR	30
Delta King 4680	28
Delta King 4711	30
Delta King 4762 RR	25
Delta King 4763RR	33

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001, Continued.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
<hr/>	
% injury	
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or less) Continued</u>	
Deltapine 4344RR	23
Deltapine 4748S	27
Deltapine DP4690RR	30
Deltapine DPX4300RR	28
Dixie 478	25
Dyna-Gro 3443NRR	28
Dyna-Gro 3468NRR	33
Hartz H4554RR	25
HBK 4891	27
HBK R4660	32
HBK R4820	25
MPV 457NRR	32
Syngenta S46-G2	27
Terral TV4589RR	27
Vigoro V462NRS	28
Willcross RR2569N	28
Grand mean	28
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>	
AgriPro AP 4888 RR	27
ASGROW AG4902	27
Croplan Genetics 480RR	25
Croplan Genetics RC4995	23
Delta Grow 4850RR	27
Delta Grow 4950RR	25
Delta King 4868RR	23
Delta King 4965RR	28
Delta King XTJ184RR	25
Delta King XTJ201RR	27
Deltapine DPX 4885RR	23
Deltapine SG 498RR	28
Dixie 4803RR	23
DT97-4290	33
Dyna-Gro 3484NRR	30
EKXP 4855	30
ES Prairie RRI	23
FFR 4900RR	27
Hartz H4884RR	30
HBK R4920	25
HBK R5101	27
Manokin	27

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001, Continued.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
% injury	
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9) Continued</u>	
Md 4900	27
MFA Morsoy RT 4809	27
Pioneer Variety 9492	25
Progeny 4858RR	27
Progeny 4901RR	27
Progeny 4910	25
S99-2607RR	25
Southern States RT4980	28
Terral TV4881	28
Terral TV4886RR	28
Terral TV4890RR	22
Terral TV4975	27
Triumph TR4810RR	25
USG 7489RR	28
Grand mean	26
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less)</u>	
Accomac	22
AgriPro/Garst 5512RRN	27
Anand	28
Armor 52-C2	40
Armor 53-K3	30
Armor 54-Z4	35
Armor 56-J6	30
ASGROW AG5001	25
ASGROW AG5501	30
ASGROW AG5602	23
ASGROW AG5603	30
Caviness	32
Croplan Genetics RC5252	27
Croplan Genetics RC5454	28
Croplan Genetics YRC51	23
Croplan Genetics YRC56	30
Delsoy 5500	33
Delta Grow 5250RR	33
Delta Grow 5450RR	28
Delta Grow 5600RR	27
Delta Grow 5630RR	27
Delta King 5366RR	32
Delta King 5465RR	30
Delta King 5661RR	28
Delta King 5668RR	35

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001, Continued.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
	% injury
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less) Continued</u>	
Delta King XTJ202RR	33
Delta King XTJ203RR	33
Delta King XTJ204RR	25
Delta King XTJ205RR	37
Deltapine DP5644RR	27
Deltapine DP5110S	30
Deltapine DP5414RR	25
Dyna-Gro 3521NRR	30
Dyna-Gro 3535NRR	25
Dyna-Gro 3562NRR	30
Dyna-Gro 3518NRR	25
Dyna-Gro 3543NRR	32
ES Punch RR	30
ES Ranger RR	28
Hartz H5231RR	28
Hartz H5444RR	27
HBK R5420	32
HBK R5588	28
HBK R5620	27
HBK X550-01	25
Hutcheson	28
Morsoy RT5110N	33
Morsoy RT5440N	28
Morsoy RT5620N	28
Pioneer Brand 95B32	27
Pioneer Brand 95B53	32
Progeny 5120N	27
Progeny 5410RR	30
Progeny 5415RR	30
Progeny 5585RR	27
Progeny 5600	32
Progeny 5660RR	27
R96-209	37
S99-2447RR	32
S99-2448RR	35
Southern States SS5200STS	30
Southern States SSRT5001N	27
Southern States RT557N	38
Southern States SSRT517N	33
Terral TV52R42	23
Terral TV5486RR	30
Terral TV5666RR	35
Terral TVX54R001	28

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001, Continued.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
% injury	
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less) Continued</u>	
Terral TVX56R001	28
Terral TVX5R400	30
Terral TVX5R600	32
TN 96-58	30
USG 510NRR	33
USG 540NRR	28
Vigoro V552NRR	25
Willcross RR2517N	35
Willcross RR2520N	33
Willcross RR2549N	28
Grand mean	30
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>	
Armor 59-B9	30
ASGROW A5959	28
ASGROW AG5701	32
ASGROW AG5901	28
ASGROW AG5902	33
Bolivar	30
Croplan Genetics 590RR	35
Croplan Genetics YRC57	28
Croplan Genetics YRC58	28
Delsoy 5710	27
Delta Grow 5950RR	28
Delta King 5762RR	28
Delta King 5850	30
Delta King 5961RR	23
Delta King 5995	28
Deltapine DP5806RR	32
Deltapine DP5915RR	30
Deltapine DP5989	30
DT96-6840	43
Dyna-Gro 3582NRR	30
ES Marshal RR	27
ES Trooper RR	27
Hartz H5885RR	30
HBK 5812	28
HBK 5990	32
HBK 5991	32
HBK 5992	25
HBK R5820	30
HBK R5920	32

Table 14. Tolerance of Soybean Cultivars to Propanil Drift, 2001, Continued.

Brand/Cultivar	<u>Propanil</u> ¹ 7DAA ^{2,3}
% injury	
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>	
Morsoy RT5900N	30
Pioneer 95B96	28
Pioneer 95B97	25
Pioneer Brand 9594	32
Pioneer Brand 95B95	27
Progeny 5900RR	27
R95-2210	25
Southern States 597N	35
Southern States RT5999N	30
Syngenta S57-A4	28
Syngenta S58-R3	27
Syngenta S59-V6	25
Terral TV5926	28
Terral TV59R85	32
Terral TV59R98	27
Terral TVX58R001	40
Terral TVX5R800	33
Terral TVX5R900	35
UARK-5798	33
UARK-5896	30
USG Exp570	35
V91-3036	30
Willcross RR2580N	32
Willcross RR2590NSTS	25
Grand mean	30
<u>Maturity Group VI Cultivars</u>	
AgriPro/Garst 6612RRN	27
AgriPro/Garst XR0162N44	28
ASGROW AG6201	32
Dillon	32
Dyna-Gro 3600NRR	32
HBK R6020	25
Pioneer Brand 96B21RR	25
R92-1258	27
Vigoro V622NRR	32
Grand mean	29

¹ Propanil was applied at 0.25X rate when plants were in the V4 to V5 growth stage to simulate drift from rice fields.

² Days after Propanil application. Ratings by Ms. Marilyn McClelland.

³ Percent injury at 21 days after propanil application was negligible.

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Early Planted Cultivars</u>		
ASGROW AG3503	5	0
ASGROW AG3702	5	0
ASGROW AG3903	5	0
Croplan Genetics RC3838	0	5
Croplan Genetics RC3866	5	0
Croplan Genetics RC4444	5	0
Croplan Genetics RT4241	5	0
Croplan Genetics YRC49	0	5
Delta King 5267RR	5	0
Hartz HX38-92955	5	0
Hartz HX40-93038	0	5
HBK SB3980RR	5	0
HBK XR441-01	5	0
Pioneer 93B67	5	0
Pioneer 94B23	5	0
Pioneer 94B73	5	0
Southern States SS-RT 3975	5	0
Southern States SS-RT 4098	5	0
Southern States SS-RT 446N	3	2
Syngenta S39-Q4	5	0
Syngenta S52-U3	0	5
Williams 82	5	0
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or less)</u>		
AgriPro/Garst 4501RR/N	5	0
AgriPro/Garst 4512RRN	5	0
Armor 42-L2	5	0
Armor 44-R4	5	0
Armor 47-G7	5	0
ASGROW A4324	5	0
ASGROW AG4301	5	0
ASGROW AG4403	5	0
ASGROW AG4702	3	2
Delta King 3862RR	5	0
Delta King 3961RR	0	5
Delta King 3964RR	0	5
Delta King 3968RR	5	0
Delta King 4461RR	5	0
Delta King 4680	5	0
Delta King 4711	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group IV Early Maturing Cultivars (RM 4.7 or less) Continued</u>		
Delta King 4762 RR	0	5
Delta King 4763RR	5	0
Deltapine 4344RR	0	5
Deltapine 4748S	5	0
Deltapine DP4690RR	4	1
Deltapine DPX4300RR	5	0
Dixie 478	5	0
Dyna-Gro 3443NRR	5	0
Dyna-Gro 3468NRR	5	0
Hartz H4554RR	2	3
HBK 4891	5	0
HBK R4660	0	5
HBK R4820	5	0
MPV 457NRR	0	5
Syngenta S46-G2	0	5
Terral TV4589RR	0	5
Vigoro V462NRS	1	4
Willcross RR2569N	0	5
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9)</u>		
AgriPro AP 4888 RR	5	0
ASGROW AG4902	0	5
Croplan Genetics 480RR	5	0
Croplan Genetics RC4995	5	0
Delta Grow 4850RR	5	0
Delta Grow 4950RR	5	0
Delta King 4868RR	5	0
Delta King 4965RR	0	5
Delta King XTJ184RR	5	0
Delta King XTJ201RR	5	0
Deltapine DPX 4885RR	5	0
Deltapine SG 498RR	0	5
Dixie 4803RR	5	0
DT97-4290	5	0
Dyna-Gro 3484NRR	5	0
EKXP 4855	0	5
ES Prairie RRI	5	0
FFR 4900RR	5	0
Hartz H4884RR	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group IV Late Maturing Cultivars (RM 4.8 or 4.9) Continued</u>		
HBK R4920	5	0
HBK R5101	5	0
Manokin	0	5
Md 4900	5	0
MFA Morsoy RT 4809	5	0
Pioneer Variety 9492	0	5
Progeny 4858RR	5	0
Progeny 4901RR	5	0
Progeny 4910	5	0
S99-2607RR	0	5
Southern States RT4980	5	0
Terral TV4881	5	0
Terral TV4886RR	0	5
Terral TV4890RR	5	0
Terral TV4975	5	0
Triumph TR4810RR	5	0
USG 7489RR	5	0
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less)</u>		
Accomac	2	3
AgriPro/Garst 5512RRN	5	0
Anand	0	5
Armor 52-C2	5	0
Armor 53-K3	5	0
Armor 54-Z4	5	0
Armor 56-J6	2	3
ASGROW AG5001	5	0
ASGROW AG5501	4	1
ASGROW AG5602	5	0
ASGROW AG5603	5	0
Caviness	5	0
Croplan Genetics RC5252	3	2
Croplan Genetics RC5454	5	0
Croplan Genetics YRC51	5	0
Croplan Genetics YRC56	5	0
Delsoy 5500	5	0
Delta Grow 5250RR	0	5
Delta Grow 5450RR	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less) Continued</u>		
Delta Grow 5600RR	5	0
Delta Grow 5630RR	4	1
Delta King 5366RR	0	5
Delta King 5465RR	5	0
Delta King 5661RR	4	1
Delta King 5668RR	2	3
Delta King XTJ202RR	0	5
Delta King XTJ203RR	4	1
Delta King XTJ204RR	1	4
Delta King XTJ205RR	0	5
Deltapine DP5644RR	0	5
Deltapine DP5110S	5	0
Deltapine DP5414RR	0	5
Dyna-Gro 3521NRR	0	5
Dyna-Gro 3535NRR	2	3
Dyna-Gro 3562NRR	1	4
Dyna-Gro 3518NRR	5	0
Dyna-Gro 3543NRR	5	0
ES Punch RR	4	1
ES Ranger RR	5	0
Hartz H5231RR	5	0
Hartz H5444RR	5	0
HBK R5420	5	0
HBK R5588	5	0
HBK R5620	3	2
HBK X550-01	0	5
Hutcheson	5	0
Morsoy RT5110N	5	0
Morsoy RT5440N	5	0
Morsoy RT5620N	3	2
Pioneer Brand 95B32	4	1
Pioneer Brand 95B53	5	0
Progeny 5120N	0	5
Progeny 5410RR	5	0
Progeny 5415RR	5	0
Progeny 5585RR	0	5
Progeny 5600	0	5
Progeny 5660RR	5	0
R96-209	4	1
S99-2447RR	5	0
S99-2448RR	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group V Early Maturing Cultivars (RM 5.6 or less) Continued</u>		
Southern States SS5200STS	5	0
Southern States SSRT5001N	5	0
Southern States RT557N	5	0
Southern States SSRT517N	5	0
Terral TV52R42	5	0
Terral TV5486RR	5	0
Terral TV5666RR	5	0
Terral TVX54R001	4	1
Terral TVX56R001	3	2
Terral TVX5R400	5	0
Terral TVX5R600	5	0
TN 96-58	5	0
USG 510NRR	5	0
USG 540NRR	5	0
Vigoro V552NRR	5	0
Willcross RR2517N	5	0
Willcross RR2520N	3	2
Willcross RR2549N	5	0
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9)</u>		
Armor 59-B9	5	0
ASGROW A5959	0	5
ASGROW AG5701	4	1
ASGROW AG5901	5	0
ASGROW AG5902	4	1
Bolivar	5	0
Croplan Genetics 590RR	3	2
Croplan Genetics YRC57	0	5
Croplan Genetics YRC58	5	0
Delsoy 5710	4	1
Delta Grow 5950RR	5	0
Delta King 5762RR	3	2
Delta King 5850	2	3
Delta King 5961RR	5	0
Delta King 5995	0	5
Deltapine DP5806RR	5	0
Deltapine DP5915RR	4	1
Deltapine DP5989	1	4
DT96-6840	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group V Late Maturing Cultivars (RM 5.7 to 5.9) Continued</u>		
Dyna-Gro 3582NRR	4	1
ES Marshal RR	0	5
ES Trooper RR	2	3
Hartz H5885RR	2	3
HBK 5812	0	5
HBK 5990	1	4
HBK 5991	5	0
HBK 5992	2	3
HBK R5820	5	0
HBK R5920	4	1
Morsoy RT5900N	3	2
Pioneer 95B96	3	2
Pioneer 95B97	5	0
Pioneer Brand 9594	5	0
Pioneer Brand 95B95	0	5
Progeny 5900RR	3	2
R95-2210	4	1
Southern States 597N	5	0
Southern States RT5999N	5	0
Syngenta S57-A4	0	5
Syngenta S58-R3	3	2
Syngenta S59-V6	4	1
Terral TV5926	5	0
Terral TV59R85	4	1
Terral TV59R98	4	1
Terral TVX58R001	5	0
Terral TVX5R800	5	0
Terral TVX5R900	4	1
UARK-5798	5	0
UARK-5896	5	0
USG Exp570	3	2
V91-3036	5	0
Willcross RR2580N	1	4
Willcross RR2590NSTS	5	0

Table 15. Results of Greenhouse Tests for Soil Chloride Reaction, 2001¹, Continued.

Brand/Cultivar	Number of Includers	Number of Excluders
<u>Maturity Group VI Cultivars</u>		
AgriPro/Garst 6612RRN	5	0
AgriPro/Garst XR0162N44	5	0
ASGROW AG6201	0	5
Dillon	0	5
Dyna-Gro 3600NRR	2	3
HBK R6020	1	4
Pioneer Brand 96B21RR	0	5
R92-1258	5	0
Vigoro V622NRR	5	0

¹ Tests conducted by Dr. J.D. Widick.

Participants and Entries
2001 Early Planted Tests

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Armor Seed Company P. O. Box 178 Fisher, AR 72429	Armor 42-L2 (4.2) Armor 44-R4 (4.4) Armor 47-G7 (4.7)
Cache River Valley Seed P. O. Box 10 Cash, AR 72421	Dixie 4803RR (4.8) Morsoy RT4809 (4.8) Morsoy RT5110 (5.1)
Delta King Seed Co. P. O. Box 970 McCrory, AR 72101	Delta King 3961RR (3.9) Delta King 3964RR (3.9) Delta King 3862RR (3.9) Delta King 3968RR (3.9) Delta King 4461RR (4.2) Delta King 4680 (4.6) Delta King 4711 (4.7) Delta King 4762RR (4.7) Delta King 4763RR (4.7) Delta King 4868RR (4.8) Delta King XTJ184 RR (4.8) Delta King 4965RR (4.9) Delta King 5267 RR (5.2) Delta King 5366 RR (5.3)
Delta and Pine Land Co. 1301 E. 50 th St. Lubbock, TX 79404	Deltapine DP 4344 RR (4.3) Deltapine DP 4690 RR (4.7) Deltapine DP 4748S (4.7) Deltapine SG 498 RR (4.9) Deltapine DP 5110S (5.1)
Eagle Seed Co. P. O. Box 308 Weiner, AR 72479	ES Prairie RRI (4.9)
FFR Seed 969 Cloverleaf Dr. Southaven, MS 38671	FFR 4900RR (4.9)
Hornbeck Seed Co., Inc. P. O. Box 472 DeWitt, AR 72042	HBK SB3980RR (3.9) HBK XR441-01 (4.4) HBK R4660 (4.6) HBK 4891 (4.7) HBK R4820 (4.8)
Land O'Lakes/Croplan Genetics 6555 Quince Rd. Suite 202 Memphis, TN 38119	Croplan Genetics RC3838 (3.8) Croplan Genetics RC3866 (3.8) Croplan Genetics RT4241 (4.2) Croplan Genetics RC4444 (4.4) Croplan Genetics 480RR (4.8) Croplan Genetics RC4995 (4.9) Croplan Genetics YRC49 (4.9)

Participants and Entries (continued)
2001 Early Planted Tests

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Monsanto 3100 Sycamore Rd. DeKalb, IL 60115	Asgrow AG3503 (3.5)
	Asgrow AG3702 (3.7)
	Asgrow AG3903 (3.9)
	Asgrow AG4301 (4.3)
	Asgrow AG4403 (4.4)
	Asgrow AG4902 (4.9)
	Asgrow AG5001 (5.0)
	Hartz HX38-92955 (3.8)
	Hartz HX40-93038 (4.0)
	Hartz H4554RR (4.5)
	Hartz H4884RR (4.8)
Hartz H5231RR (5.2)	
Pioneer Hi-Bred International 6767 Old Madison Pike Suite 110 Huntsville, AL 35806	Pioneer 93B67 (3.6)
	Pioneer 94B23 (4.2)
	Pioneer 94B73 (4.7)
	Pioneer 9492 (4.9)
Progeny Ag Products 1529 Hwy. 193 Wynne, AR 72396	Progeny 4858RR (4.8)
	Progeny 4910 (4.9)
	Progeny 5120N (5.1)
Southern States Coop. P. O. Box 26234 Richmond, VA 23260	SS-RT 3975 (3.9)
	SS-RT 4098 (4.0)
	SS-RT 446N (4.4)
	SS-RT 4980 (4.9)
	SS-RT 5001N (5.0)
Syngenta Seeds, Inc. 859 N. Slemons Monticello, AR 71655	Syngenta S39-Q4 (3.9)
	Syngenta S46-G2 (4.6)
	Syngenta S52-U3 (5.2)
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	Terral TV4589RR (4.5)
	Terral TV4886RR (4.8)
	Terral TV4890RR (4.8)
USDA-ARS P. O. Box 345 Stoneville, MS 38776	DT 97-4290 (4.9)
Illinois Foundation Seed Box 722 Champaign, IL 61824-0722	Williams 82 (3.9)
University of Maryland Room 1112 H. J. Patterson Hall College Park, MD 20742-5821	Manokin (4.9)

Participants and Entries
2001 Commercial Cultivar Tests

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Ag Genetics of Arkansas 2817 Rife Circle Rogers, AR 72758	Caviness (5.7)
Armor Seed Company P. O. Box 178 Fisher, AR 72429	Armor 42-L2 (4.2) Armor 44-R4 (4.4) Armor 47-G7 (4.7) Armor 52-C2 (5.2) Armor 53-K3 (5.3) Armor 54-Z4 (5.4) Armor 56-J6 (5.6) Armor 59-B9 (5.9)
Bell-MO Seed Co., Inc. P. O. Box 148 Bell City, MO 63735	Willcross RR 2469N (4.6)* Willcross RR 2517N (5.1)* Willcross RR 2520N (5.2)* Willcross RR 2549N (5.4)* Willcross RR 2580N (5.8)* Willcross RR 2590NSTS (5.9)*
Cache River Valley Seed P. O. Box 10 Cash, AR 72421	Dixie 478 (4.7) Dixie 4803RR (4.8) Morsoy RT 4809 (4.8) Morsoy RT 5110N (5.1) Morsoy RT 5440N (5.4) Morsoy RT 5620N (5.6) Morsoy RT 5900N (5.9)
Clemson University Dept. CSES Box 340359 Clemson, SC 29634-0359	Dillon (6.4)
Delta Grow Seed P. O. Box 219 England, AR 72046	Delta Grow 4850RR (4.8) Delta Grow 4950RR (4.9) Delta Grow 5250RR (5.2) Delta Grow 5450RR (5.4) Delta Grow 5600RR (5.6) Delta Grow 5630RR (5.6) Delta Grow 5950RR (5.9)

**Participants and Entries (continued)
2001 Commercial Cultivar Tests**

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Delta King Seed Co. P. O. Box 970 McCroory, AR 72101	Delta King 3862RR (3.8)
	Delta King 3961RR (3.9)
	Delta King 3964RR (3.9)
	Delta King 3968RR (3.9)
	Delta King 4461RR (4.2)
	Delta King 4680 (4.6)
	Delta King 4711 (4.7)
	Delta King 4762RR (4.7)
	Delta King 4763RR (4.7)
	Delta King 4868RR (4.8)
	Delta King XTJ184RR (4.8)
	Delta King XTJ201RR (4.8)
	Delta King 4965RR (4.9)
	Delta King 5366RR (5.3)
	Delta King XTJ202RR (5.3)
	Delta King 5465RR (5.4)
	Delta King XTJ203RR (5.4)
	Delta King 5661RR (5.6)
	Delta King 5668RR (5.6)
	Delta King XTJ204RR (5.6)
Delta King XTJ205RR (5.6)	
Delta King 5762RR (5.7)	
Delta King 5850 (5.8)	
Delta King 5995 (5.9)	
Delta King 5961RR (5.9)	
Delta and Pine Land Co. 1301 E. 50 th St. Lubbock, TX 79404	Deltapine DP 4344 RR (4.3)
	Deltapine DPX 4300 RR (4.3)
	Deltapine DP 4690 RR (4.7)
	Deltapine DP 4748S (4.7)
	Deltapine DPX 4885 RR (4.8)
	Deltapine SG 498 RR (4.9)
	Deltapine DP 5110S (5.1)
	Deltapine DP 5414 RR (5.4)
	Deltapine DP 5644 RR (5.6)
	Deltapine DP 5806 RR (5.8)
Deltapine DP 5915 RR (5.9)	
Deltapine DP 5989 (5.9)	
Eagle Seed Co. P. O. Box 308 Weiner, AR 72479	ES Prairie RRI (4.9)
	ES Ranger RR (5.1)
	ES Punch RR (5.5)
	ES Trooper RR (5.7)
	ES Marshal RR (5.9)
Featherstone Seed, Inc. 13941 Genito Rd. Amelia, VA 23002	V91-3036 (5.7)

**Participants and Entries (continued)
2001 Commercial Cultivar Tests**

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
FFR Seed 969 Cloverleaf Dr. Southaven, MS 38671	FFR 4900RR (4.9)
Garst Seed Co. 761 Walnut Knoll Lane Suite 200 Memphis, TN 38018	AgriPro/Garst 4501RR/N (4.5)* AgriPro/Garst 4512RR/N (4.5)* AgriPro AP4888RR (4.8) AgriPro/Garst 5512RR/N (5.5) AgriPro/Garst XR0162N44 (6.1)* AgriPro/Garst 6612RR/N (6.5)*
Hornbeck Seed Co., Inc. P. O. Box 472 DeWitt, AR 72042	HBK R4660 (4.6) HBK 4891 (4.7) HBK R4820 (4.7) HBK R4920 (4.9) HBK R5101 (4.9) HBK R5420 (5.4) HBK R5588 (5.5) HBK X550-01 (5.5)* HBK R5620 (5.6) HBK 5812 (5.8) HBK R5820 (5.8) HBK 5990 (5.9) HBK 5991 (5.9) HBK 5992 (5.9)* HBK R5920 (5.9) HBK R6020 (6.0)
Land O'Lakes/Croplan Genetics 6555 Quince Rd. Suite 202 Memphis, TN 38119	Croplan Genetics 480RR (4.8) Croplan Genetics RC4995 (4.9) Croplan Genetics YRC51 (5.1) Croplan Genetics RC5252 (5.2) Croplan Genetics RC5454 (5.4) Croplan Genetics YRC56 (5.6) Croplan Genetics YRC57 (5.7) Croplan Genetics YRC58 (5.8) Croplan Genetics 590 RR (5.9)
MidWest Premium Genetics, L.L.C. 101 N.E. Davis Rd. Concordia, MO 64020	MPV 457 NRR (4.5)
Missouri Seed Improvement Assn. 3211 Lemone Industrial Blvd. Columbia, MO 65201-8245	Anand (5.3) Delsoy 5500 (5.5) Delsoy 5710 (5.7)

Participants and Entries (continued)
2001 Commercial Cultivar Tests

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Monsanto 3100 Sycamore Rd. DeKalb, IL 60115	Asgrow A4324 (4.3)
	Asgrow AG4301 (4.3)
	Asgrow AG4403 (4.4)
	Asgrow AG4702 (4.7)
	Asgrow AG4902 (4.9)
	Asgrow AG5001 (5.0)
	Asgrow AG5501 (5.5)
	Asgrow AG5602 (5.6)
	Asgrow AG5603 (5.6)
	Asgrow AG5701 (5.7)
	Asgrow A5959 (5.9)
	Asgrow AG5901 (5.9)
	Asgrow AG5902 (5.9)
	Asgrow AG6201 (6.2)
	Hartz H4554RR (4.5)
	Hartz H4884RR (4.8)
	Hartz H5231RR (5.2)
Hartz H5444RR (5.4)	
Hartz H5885RR (5.8)	
Pioneer Hi-Bred International 6767 Old Madison Pike Suite 110 Huntsville, AL 35806	Pioneer 9492 (4.9)
	Pioneer 95B32 (5.3)
	Pioneer 95B53 (5.5)
	Pioneer 9594 (5.9)
	Pioneer 95B95 (5.9)
	Pioneer 95B96 (5.9)
	Pioneer 95B97 (5.9)
Pioneer 96B21 (6.2)	
Progeny Ag Products 1529 Hwy. 193 Wynne, AR 72396	Progeny 4858RR (4.8)
	EK XP 4855 (4.8)
	Progeny 4901RR (4.9)
	Progeny 4910 (4.9)
	Progeny 5120N (5.1)
	Progeny 5410RR (5.4)
	Progeny 5415RR (5.4)
	Progeny 5585RR (5.5)
	Progeny 5600 (5.6)
Progeny 5660RR (5.6)	
Progeny 5900RR (5.9)	
Royster-Clark, Inc. 70 N. Market St. Mt. Sterling, OH 43143	Vigoro V462NRS (4.6)
	Vigoro V552NRR (5.5)
	Vigoro V622NRR (6.2)*

**Participants and Entries (continued)
2001 Commercial Cultivar Tests**

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
Southern States Coop. P. O. Box 26234 Richmond, VA 23260	SS-RT 4980 (4.9)
	SS-RT 517N (5.0)
	SS-RT 5001N (5.0)
	SS 5200 STS (5.2)
	SS-RT 557N (5.5)
	SS 597N (5.9)
	SS-RT 5999N (5.9)
Syngenta Seeds, Inc. 859 N. Slemons Monticello, AR 71655	Syngenta S46-G2 (4.6)
	Syngenta S57-A4 (5.7)
	Syngenta S58-R3 (5.8)
	Syngenta S59-V6 (5.9)
Terral Seed, Inc. P. O. Box 826 Lake Providence, LA 71254	Terral TV4589RR (4.5)
	Terral TV4881 (4.8)
	Terral TV4886RR (4.8)
	Terral TV4890RR (4.8)
	Terral TV4975 (4.9)
	Terral TV52R42 (5.2)
	Terral TV5486RR (5.4)
	Terral TVX5R400 (5.4)
	Terral TVX54R001 (5.4)
	Terral TV5666RR (5.6)
	Terral TVX5R600 (5.6)
	Terral TVX56R001 (5.6)
	Terral TVX5R800 (5.8)
	Terral TVX58R001 (5.8)
	Terral TV5926 (5.9)
Terral TV59R85 (5.9)	
Terral TV59R98 (5.9)	
Terral TVX5R900 (5.9)	
Triumph Seed Co., Inc. P. O. Box 1050 Ralls, TX 77357	TR4810RR (4.8)
UAP Mid-South 57 Germantown Court Suite 200 Cordova, TN 38018	Dyna-Gro 3443NRR (4.4)
	Dyna-Gro 3468NRR (4.6)
	Dyna-Gro 3484NRR (4.8)
	Dyna-Gro 3518NRR (5.1)
	Dyna-Gro 3521NRR (5.2)
	Dyna-Gro 3535NRR (5.3)
	Dyna-Gro 3543NRR (5.4)
	Dyna-Gro 3562NRR (5.6)
	Dyna-Gro 3582NRR (5.8)
	Dyna-Gro 3600NRR (6.0)

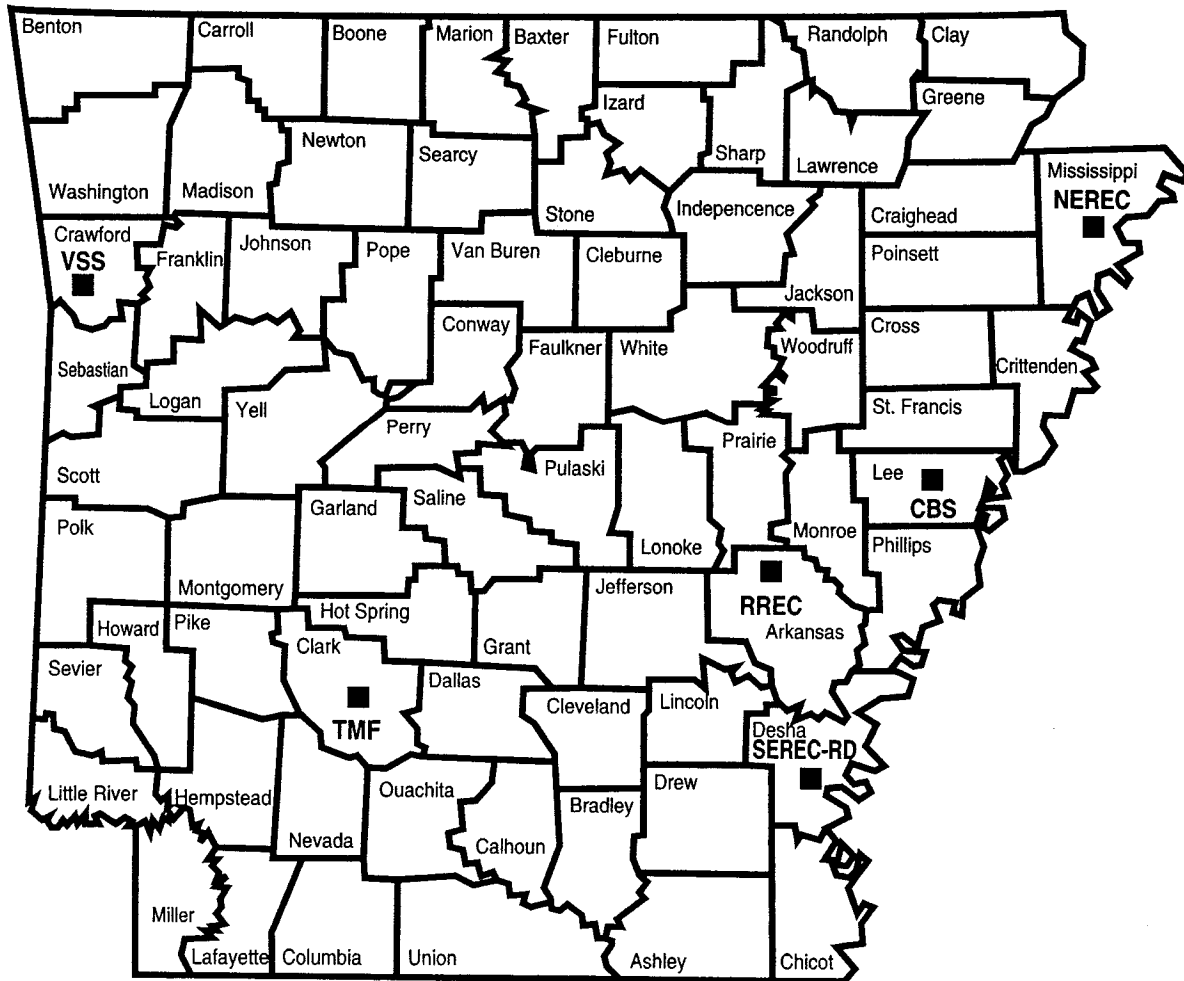
Participants and Entries (continued)
2001 Commercial Cultivar Tests

<u>Company/Institution</u>	<u>Cultivar (Relative Maturity)¹</u>
UniSouth Genetics, Inc. 2640-C Nolensville Rd. Nashville, TN 37211	USG 7489RR (4.8) USG 510NRR (5.1) USG 540NRR (5.4) USG EXP. 570 (5.7)
University of Arkansas Dept. of Crop, Soils, & Environmental Sciences Fayetteville, AR 72701	R96-209 (5.2) Hutcheson (5.3) UARK-5798 (5.7) UARK-5896 (5.8) R95-2210 (5.9) R92-1258 (6.2)
University of Maryland Room 1112 H. J. Patterson Hall College Park, MD 20742-5821	Manokin (4.9) MD 4900 (4.9)
University of Missouri-Delta Center P. O. Box 160 Portageville, MO 63873	S99-2607RR (4.9)* S99-2447RR (5.4)* S99-2448RR (5.4)*
University of Tennessee Dept. of Plant and Soil Sciences Knoxville, TN 37901-1071	TN 96-58 (5.6)
USDA-ARS P. O. Box 345 Stoneville, MS 38776	DT97-4290 (4.9)* DT96-6840 (5.9)* Bolivar (5.7)
Virginia Poly Tech Institute CSES Department Blackburg, VA 24061-0404	Accomac (V)

¹ Relative maturity provided by companies and institutions submitting entries.

* New strains

SOYBEAN TEST LOCATIONS



- CBS** Cotton Branch 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
- TMF** Tracy McLelland Farm
- VSS** Vegetable Substation, Kibler, Arkansas