

*Performance
of Soybean
Varieties in
Alabama,
2008*

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PERFORMANCE OF SOYBEAN VARIETIES IN ALABAMA, 2008

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INTRODUCTION

Soybean variety tests are conducted annually by the Alabama Agricultural Experiment Station. The 7 locations used represent the major soil and climatic regions of Alabama. These locations are divided into logical soybean growing regions. The regions and locations are:

Region	Location
Northern	Belle Mina, Crossville
Central	Tallassee, Shorter
Southern	Brewton
Black Belt	Marion Junction (2 soils)
Gulf Coast	Fairhope

EXPERIMENTAL PROCEDURES

The standard tests were conducted as a randomized complete block design with four replications. Standard plot size was four 30- to 38-inch rows by 20 feet long. Fifteen feet of the middle two rows were harvested for yield. Seeding rate was 10 viable seeds per foot of row. The Group IV test was drilled with seven 7-inch rows. Seeding rate was five viable seeds per foot of row.

Data were collected on seed yield, moisture, lodging, shattering, plant height, and maturity date. Plot yields were adjusted to 13 percent moisture and converted to bushels (60 pounds) per acre. Lodging was scored on a scale of 1 to 5 as follows:

- 1 - almost all plants erect.
- 2 - either all plants leaning slightly (less than 45%) or a few plants down.
- 3 - either all plants leaning moderately (approximately 45%) or 25 to 50 percent of the plants down.
- 4 - either all plants leaning more than 45% or 50 to 80 percent of the plants down.
- 5 - more than 80 percent of the plants down.

Shattering was rated on a scale of 1 to 5 based on performance of the border rows 14 days after maturity. A rating of 1 indicates no shattering, a rating of 3 indicates a 4 to 8 percent shattering, and a rating of 5 is 20 percent or more shattering. Plant height was determined by measuring from the ground to the top of the plant at maturity. Maturity date was the day 95 percent of the pods achieved mature pod color. Harvest was approximately 7 to 10 days later.

SEASONAL CONDITIONS

Rainfall for 2008 is shown in Table 19. The normal planting dates for the standard tests are the first week in May, May 15-25, and May 25 to June 5 for northern, central, and southern Alabama locations, respectively.

Soybean rust was observed at the Gulf Coast Research and Extension Center in Fairhope, AL. The soybean rust leaf symptoms were first observed in the lower leaf canopy in mid September at the R6 full seed growth stage. Rust severity ranged from 2.5% of the leaf area infected up to 25.0% of the leaf infested which was a low level of disease incidence in this area. On 24 September, soybean plants had matured to the R7 growth stage. AU 02-2814, USG 5601T, AU 02-3104, Asgrow AG 7201 supported the least amount of rust as compared to Osage and DP 6568RR. All other varieties had similar rust ratings.

COMPARING VARIETIES

To aid in determining real yield differences, a statistical analysis of variance was performed on the data from each location. The L.S.D. (least significant difference) and C.V. (coefficient of variation) are reported for each location's 2008 test, and for the location's or region's 2- and 3-year averages. The difference in yield of two varieties must exceed the L.S.D. value for one variety to be considered superior to others in yield in that particular test. The C.V. is a measure of the variability in an experiment. An increase in its value indicates an increase in the unexplained variability.

Since the performance of varieties varies with location and year, long-term averages from several locations are more reliable than 1-year performance. Three-year regional averages are considered a reliable evaluation of the relative performance of varieties. However varietal rankings may change among years and among locations. This change in rankings is measured by the significance of variety x location, variety x year, variety x location*year interaction. These interactions were significant in all cases. Thus, care should be exercised when extrapolating results from one location or year to another.

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TABLE 1. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN NORTHERN ALABAMA, 2008

Variety	Belle Mina	Cross- ville	Regional Average				
			Yield	Lodging score	Shattering score	Plant height	Maturity date
Maturity Group IV							
UA 4805	43.3	19.2	31.2	1.0	1.0	20	9-22
Croplan Genetics RC 4955	38.6	22.8	30.7	1.0	2.0	25	9-24
Croplan Genetics RC 4998RR	39.1	21.7	30.4	1.0	2.5	26	9-24
Asgrow DKB 46-51	35.6	21.1	28.4	1.0	2.0	22	9-15
NK Brand S 49-W6	34.8	19.3	27.0	1.0	2.3	24	9-24
NK Brand S 49-H7	35.8	18.2	27.0	1.0	2.3	24	9-21
USG 74A91	36.0	17.3	26.7	1.0	2.1	22	9-18
NK Brand S 46-U6	34.3	18.7	26.5	1.0	2.0	24	9-20
USG 74A76	34.1	17.6	25.8	1.0	2.4	22	9-13
Schillinger 495 RC	35.6	15.4	25.5	1.0	2.1	24	9-22
Dyna-Gro 32P48	33.5	17.4	25.4	1.0	2.1	22	9-18
SS RT 4996N	34.2	16.1	25.1	1.0	2.0	23	9-17
Croplan Genetics RC 4455	31.4	17.5	24.4	1.0	2.0	23	9-11
Croplan Genetics RC 4908RR	30.2	17.8	24.0	1.0	2.3	23	9-17
NK Brand S 43-B1	28.8	18.9	23.8	1.0	2.0	21	9-12
SS RT 4888N	30.2	17.3	23.7	1.0	2.3	22	9-16
NK Brand S 45-E5	28.2	19.2	23.7	1.0	2.3	23	9-13
Croplan Genetics RC 4757RR/ST	30.9	16.2	23.5	1.0	2.0	20	9-17
Croplan Genetics RC 4877RR	28.5	18.2	23.3	1.0	2.0	24	9-18
USG 7482nRR	28.3	17.8	23.0	1.0	2.4	20	9-12
SS RT 4451N	29.5	16.6	23.0	1.0	2.0	22	9-12
Schillinger 478 RCS	30.4	15.6	23.0	1.0	2.4	22	9-18
Croplan Genetics RC 4718RR/ST	29.1	16.8	22.9	1.0	2.0	22	9-16
SS RT 4777N	26.1	19.8	22.9	1.0	2.3	25	9-6
Schillinger 457 RCP	30.7	15.0	22.9	1.0	2.3	23	9-16
SS RT 4808N	28.5	17.1	22.8	1.0	2.4	23	9-13
USG 7495nRS	31.0	14.4	22.7	1.0	2.1	22	9-20
Dyna-Gro 32R46	29.9	14.9	22.4	1.0	2.0	21	9-14
Asgrow AG 4405	31.0	13.8	22.4	1.0	2.3	21	9-11
Dyna-Gro 3443	29.5	14.8	22.1	1.0	2.3	22	9-11
Croplan Genetics RC 4417RR	28.7	15.5	22.1	1.0	2.3	24	9-14
SS RT 4370N	27.9	15.8	21.9	1.0	2.4	23	9-15
Croplan Genetics RC 4648RR/ST	24.4	14.4	19.4	1.0	2.1	20	9-16
Asgrow DKB 42-51	23.0	14.4	18.7	1.0	2.0	20	9-13
Asgrow AG 4605	25.5	11.8	18.7	1.0	2.4	20	9-15
Maturity Group V							
SS RT 5160N	49.2	20.6	34.9	1.0	1.0	25	9-23
Trial mean	31.8	17.2	24.5	1.0	2.1	22	9-16
LSD(0.10)	3.0	3.8	2.4				
CV (%)	9.1	20.8	13.3				

TABLE 2. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN NORTH ALABAMA, THREE-YEAR SUMMARY, 2006 - 2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
----- bu/acre -----			- inch -				
Maturity Group IV							
USG 74A76	26	25	23	1.0	1.9	22	8-30
USG 74A91	27	24	22	1.0	2.0	24	9-7
Schillinger 495 RC	25	22	22	1.0	2.3	25	9-6
SS RT 4451N	23	23	21	1.0	1.9	23	8-29
Croplan Genetics RC 4455	24	22	21	1.0	1.9	24	8-29
Dyna-Gro 3443	22	22	20	1.0	1.8	22	8-29
Croplan Genetics RC 4955	31	22	20	1.0	1.5	25	9-12
USG 7495nRS	23	19	19	1.0	1.8	24	9-6
SS RT 4996N	25	20	19	1.0	2.0	24	9-8
SS RT 4808N	23	18	17	1.0	2.0	23	9-4
UA 4805	31	25	.	1.0	1.0	22	9-15
NK Brand S 46-U6	26	24	.	1.0	1.6	25	9-8
NK Brand S 45-E5	24	23	.	1.0	1.8	24	9-1
Schillinger 457 RCP	23	21	.	1.0	1.9	25	9-4
Croplan Genetics RC 4757RR/STS	24	20	.	1.0	1.4	20	9-5
Croplan Genetics RC 4998RR	30	.	.	1.0	2.5	26	9-25
Asgrow DKB 46-51	28	.	.	1.0	1.8	21	9-4
NK Brand S 49-W6	27	.	.	1.0	2.3	24	9-25
NK Brand S 49-H7	27	.	.	1.0	2.3	24	9-22
Dyna-Gro 32P48	25	.	.	1.0	2.1	22	9-19
Croplan Genetics RC 4908RR	24	.	.	1.0	2.3	23	9-18
NK Brand S 43-B1	24	.	.	1.0	2.0	21	9-13
SS RT 4888N	24	.	.	1.0	2.3	22	9-17
Croplan Genetics RC 4877RR	23	.	.	1.0	2.0	24	9-19
USG 7482nRR	23	.	.	1.0	1.9	20	9-4
Schillinger 478 RCS	23	.	.	1.0	2.4	22	9-19
Croplan Genetics RC 4718RR/STS	23	.	.	1.0	2.0	22	9-17
SS RT 4777N	23	.	.	1.0	2.3	24	9-3
Dyna-Gro 32R46	22	.	.	1.0	1.7	19	9-4
Asgrow AG 4405	22	.	.	1.0	2.3	21	9-12
Croplan Genetics RC 4417RR	22	.	.	1.0	2.3	24	9-15
SS RT 4370N	22	.	.	1.0	2.4	23	9-16
Croplan Genetics RC 4648RR/STS	19	.	.	1.0	2.1	20	9-17
Asgrow DKB 42-51	19	.	.	1.0	2.0	20	9-14
Asgrow AG 4605	19	.	.	1.0	2.4	20	9-16

TABLE 2. CONTINUED

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- bu/acre -----					- inch -	
	Maturity Group V						
SS RT 5160N	35	26	24	1.0	1.1	26	9-17
Trial mean	25	22	21				
LSD(0.10)	3	2	1				
CV (%)	15	14	14				

TABLE 3. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN TALLASSEE, ALABAMA, 2008

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- <i>bu/acre</i> -			- <i>inches</i> -	
	Maturity Group IV				
Asgrow AG 4907	60.8	0.0	0.8	26	9-4
NK Brand S 49-W6	59.4	0.0	0.0	28	9-8
NK Brand S 49-H7	59.2	0.3	0.8	26	9-3
SS RT 4996N	58.4	0.0	0.8	24	9-5
Schillinger 495 RC	58.1	0.0	1.8	27	9-7
Deltapine DP 4888RR/S	57.6	0.0	0.5	29	8-28
Schillinger 457 RCP	57.3	0.5	0.0	26	8-28
NK Brand S 46-U6	55.6	0.0	0.5	26	9-7
Asgrow AG 4405	53.5	0.0	0.5	22	8-28
SS RT 4888N	53.2	0.0	1.5	25	9-4
Asgrow DKB 46-51	53.1	0.0	1.0	23	8-28
SS RT 4370N	52.9	0.5	1.5	25	8-28
SS RT 4777N	52.6	0.0	1.0	28	9-3
SS RT 4808N	52.1	0.0	0.3	23	8-28
Asgrow AG 4903	51.9	0.0	0.8	23	9-12
SS RT 4451N	51.2	0.0	0.0	27	8-30
Schillinger 478 RCS	48.5	0.0	1.8	24	9-5
NK Brand S 43-B1	48.3	0.0	0.5	24	8-28
UA 4805	48.1	0.0	0.0	16	9-15
NK Brand S 45-E5	46.4	0.3	0.0	25	8-28
	Maturity Group V				
SS RT 5160N	67.5	0.0	0.3	20	9-14
Trial mean	54.6	0.1	0.7	24.4	
LSD(0.10)	6.7				
CV (%)	11.6				

TABLE 4. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN TALLASSEE, ALABAMA, THREE-YEAR SUMMARY, 2006 - 2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
----- bu/acre -----			- inch -				
Maturity Group IV							
SS RT 4996N	58	50	51	0.0	0.9	27	9-7
Schillinger 495 RC	58	46	46	0.0	1.9	27	9-6
SS RT 4808N	52	40	44	0.0	0.9	25	8-31
Schillinger 457 RCP	57	49	.	0.3	0.3	28	9-1
Asgrow DKB 46-51	53	46	.	0.1	1.3	24	8-28
Deltapine DP 4888RR/S	58	45	.	0.0	1.0	28	9-3
UA 4805	48	42	.	0.0	0.5	17	9-14
Asgrow AG 4903	52	41	.	0.0	1.3	23	9-12
Asgrow AG 4907	61	.	.	0.0	0.8	26	9-4
NK Brand S 49-W6	59	.	.	0.0	0.0	28	9-8
NK Brand S 49-H7	59	.	.	0.3	0.8	26	9-3
NK Brand S 46-U6	56	.	.	0.0	0.5	26	9-7
Asgrow AG 4405	53	.	.	0.0	0.5	22	8-28
SS RT 4888N	53	.	.	0.0	1.5	25	9-4
SS RT 4370N	53	.	.	0.5	1.5	25	8-28
SS RT 4777N	53	.	.	0.0	1.4	27	9-2
SS RT 4451N	51	.	.	0.0	0.0	27	8-30
Schillinger 478 RCS	48	.	.	0.0	1.8	24	9-5
NK Brand S 43-B1	48	.	.	0.0	0.5	24	8-28
NK Brand S 45-E5	46	.	.	0.3	0.0	25	8-28
Maturity Group V							
SS RT 5160N	67	56	63	0.0	0.8	23	9-10
Trial mean	55	46	51	0.1	0.9	25	9-3
LSD(0.10)	5	3	3
CV (%)	12	14	13

TABLE 5. PERFORMANCE OF GROUP IV AND V SOYBEAN VARIETIES IN NORTHERN ALABAMA, 2008

Variety	Belle Mina	Cross- ville	Regional Average				Maturity date
			Yield	Lodging score	Shattering score	Plant height	
----- bu/acre -----			- inches -				
Maturity Group IV							
Progeny P 4908RR	38.6	32.8	35.7	1.0	1.3	26	9-25
Asgrow AG 4903	36.0	33.2	34.6	1.0	1.0	24	9-24
Deltapine DP 4888RR/S	36.6	32.0	34.3	1.0	1.8	28	9-22
Progeny P 4906RR	34.8	31.5	33.2	1.0	1.3	25	9-25
Progeny P 4718RR	29.7	34.1	31.9	1.2	1.5	23	9-23
Schillinger 478 RCS	28.5	34.4	31.5	1.0	1.8	23	9-24
Asgrow DK 4866	35.1	27.2	31.2	1.0	1.3	24	9-25
Schillinger 457 RCP	32.5	29.7	31.1	1.0	1.5	26	9-21
Schillinger 495 RC	33.8	27.7	30.8	1.0	1.7	26	9-26
Progeny P 4918RR	35.9	24.8	30.4	1.0	1.2	25	9-23
Progeny P 4807RR	32.1	27.6	29.9	1.0	1.5	25	9-27
Progeny P 4949RR	28.7	29.9	29.3	1.0	1.3	25	9-26
Asgrow AG 4703	33.5	24.8	29.1	1.0	1.2	21	9-19
Progeny P 4606RR	30.0	27.3	28.6	1.0	1.5	21	9-20
Progeny P 4408RR	31.0	23.2	27.1	1.0	2.3	19	9-19
Progeny P 4508RR	27.7	25.2	26.5	1.0	2.0	23	9-18
Progeny P 4706RR	26.2	26.6	26.4	1.0	1.8	24	9-20
Maturity Group V							
Progeny P 5650RR	45.7	51.5	48.6	2.3	1.3	34	10-6
USG 75Z98	43.7	48.0	45.9	1.7	1.3	29	10-7
Progeny P 5408RR	47.7	43.7	45.7	1.2	1.3	30	10-6
Croplan Genetics RC 5222RR	45.8	43.2	44.5	1.5	1.3	31	10-5
Croplan Genetics RC 5892	43.9	44.8	44.4	1.7	1.0	34	10-6
Progeny P 5622RR	42.9	44.0	43.5	1.8	1.3	33	10-8
UA R03-224	36.0	50.2	43.1	1.0	1.0	27	10-4
USG 75J97	42.0	43.5	42.7	1.3	1.2	31	10-8
Osage	38.3	46.3	42.3	1.2	1.0	25	10-2
Progeny P 5706RR	44.3	40.3	42.3	1.0	1.3	30	10-7
USG Allen	40.2	44.4	42.3	1.7	1.2	32	10-8
Dyna-Gro 33X55	41.8	41.9	41.9	1.0	1.2	29	10-9
Ozark	38.7	44.6	41.7	1.3	1.3	28	10-1
USG 7582nRR	44.5	38.5	41.5	1.0	1.3	31	10-11
NK S 56-D7	42.3	40.0	41.2	2.3	1.2	30	10-7
AGS 568RR	38.8	43.2	41.0	1.0	1.7	31	10-8
SS RT 5471N	41.6	39.6	40.6	1.0	1.3	28	10-4
SS RT 5760N	35.2	45.7	40.4	1.7	1.2	29	10-7
NK S 52-F2	41.1	39.1	40.1	1.3	1.2	28	10-2
Progeny P 5308RR	43.2	36.8	40.0	1.0	1.5	28	10-6

TABLE 5. CONTINUED

Variety	Belle Mina	Cross- ville	Regional Average				
			Yield	Lodging score	Shattering score	Plant height	Maturity date
	----- bu/acre -----			- inches -			
USG 7553nRS	39.7	40.1	39.9	1.3	1.3	30	10-8
SS RT 5960N	31.2	48.1	39.6	1.7	1.2	31	10-7
Croplan Genetics RC 5437RR	38.9	39.6	39.2	1.0	1.5	27	10-8
Croplan Genetics RC 5007RR	38.5	39.5	39.0	1.3	1.2	30	10-4
Croplan Genetics RC 5955RR	38.6	39.2	38.9	1.3	1.3	29	10-6
SS RT 5951N	37.0	39.4	38.2	1.2	1.0	27	10-5
Progeny P 5218RR	34.0	41.0	37.5	2.5	1.7	27	10-5
ES 5555 RR	36.0	38.7	37.4	1.5	1.3	27	10-5
Progeny P 5208RR	34.7	39.4	37.0	1.0	1.2	23	10-3
Asgrow AG 5304	35.0	39.0	37.0	1.0	1.2	28	10-10
Deltapine DP 5335RR/S	39.2	33.4	36.3	1.0	2.2	30	10-5
Progeny P 5108RR	37.3	34.3	35.8	1.0	2.0	31	10-3
Croplan Genetics RC 5555RR	37.4	32.4	34.9	1.8	1.0	33	10-2
Progeny P 5115RR	36.7	32.2	34.5	1.0	1.5	29	10-2
Asgrow AG 5503	34.0	34.9	34.4	1.0	1.3	27	10-3
Croplan Genetics RC 5332	35.1	33.5	34.3	1.0	1.3	30	10-6
Dyna-Gro 32A53	35.6	31.2	33.4	1.8	1.2	27	10-6
Progeny P 5107RR	37.4	27.3	32.4	1.0	1.2	27	10-5
Trial mean	37.2	36.8	37.0	1.2	1.4	28	10-2
LSD(0.10)	5.4	6.4	4.2				
CV (%)	13.7	16.5	15.2				

TABLE 6. PERFORMANCE OF GROUP IV AND V SOYBEAN VARIETIES IN NORTHERN ALABAMA, THREE-YEAR SUMMARY, 2006 - 2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
----- <i>bu/acre</i> -----			- <i>inch</i> -				
Maturity Group IV							
Progeny P 4908RR	36	.	.	1.0	1.3	26	9-26
Asgrow AG 4903	35	.	.	1.0	1.0	24	9-25
Deltapine DP 4888RR/S	34	.	.	1.0	1.8	28	9-23
Progeny P 4906RR	33	.	.	1.0	1.3	25	9-26
Progeny P 4718RR	32	.	.	1.2	1.5	23	9-24
Schillinger 478 RCS	31	.	.	1.0	1.8	23	9-25
Schillinger 457 RCP	31	.	.	1.0	1.5	26	9-22
Asgrow DK 4866	31	.	.	1.0	1.3	23	9-20
Schillinger 495 RC	31	.	.	1.0	1.8	28	9-20
Progeny P 4918RR	30	.	.	1.0	1.2	25	9-24
Progeny P 4807RR	30	.	.	1.0	1.5	25	9-28
Progeny P 4949RR	29	.	.	1.0	1.3	25	9-27
Asgrow AG 4703	29	.	.	1.0	1.2	21	9-20
Progeny P 4606RR	29	.	.	1.0	1.5	21	9-21
Progeny P 4408RR	27	.	.	1.0	2.3	19	9-20
Progeny P 4508RR	26	.	.	1.0	2.0	23	9-19
Progeny P 4706RR	26	.	.	1.0	1.8	24	9-21
Maturity Group V							
Croplan Genetics RC 5892	44	35	31	1.5	1.3	35	10-6
USG Allen	42	32	30	1.3	1.3	32	10-7
Croplan Genetics RC 5955RR	39	33	29	1.3	1.3	34	10-6
USG 7582nRR	42	31	28	1.1	1.7	31	10-6
Croplan Genetics RC 5222RR	45	32	27	1.2	1.4	31	10-2
Ozark	42	30	27	1.1	1.5	28	10-1
SS RT 5760N	40	30	27	1.3	1.5	30	10-5
USG 7553nRS	40	31	27	1.1	1.4	29	10-4
SS RT 5960N	40	30	27	1.3	1.3	31	10-8
Croplan Genetics RC 5555RR	35	28	25	1.3	1.3	34	10-2
Croplan Genetics RC 5332	34	29	24	1.0	1.5	31	10-4
USG 75J97	43	33	.	1.3	1.4	32	10-9
AGS 568RR	41	32	.	1.0	1.5	32	10-10
Dyna-Gro 33X55	42	31	.	1.0	1.4	29	10-9
SS RT 5471N	41	29	.	1.0	1.5	28	10-8
Croplan Genetics RC 5007RR	39	28	.	1.2	1.5	29	10-7
SS RT 5951N	38	27	.	1.1	1.3	27	10-8
Deltapine DP 5335RR/S	36	26	.	1.1	1.6	32	10-3

TABLE 6. CONTINUED

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----						
Progeny P 5650RR	49	.	.	2.3	1.3	34	10-7
USG 75Z98	46	.	.	1.7	1.3	29	10-8
Progeny P 5408RR	46	.	.	1.2	1.3	30	10-7
Progeny P 5622RR	43	.	.	1.8	1.3	33	10-9
UA R03-224	43	.	.	1.0	1.0	27	10-5
Osage	42	.	.	1.2	1.0	25	10-3
Progeny P 5706RR	42	.	.	1.0	1.3	30	10-8
NK S 56-D7	41	.	.	2.3	1.2	30	10-8
NK S 52-F2	40	.	.	1.3	1.2	28	10-3
Progeny P 5308RR	40	.	.	1.0	1.5	28	10-7
Croplan Genetics RC 5437RR	39	.	.	1.0	1.5	27	10-9
Progeny P 5218RR	38	.	.	2.5	1.7	27	10-6
ES 5555 RR	37	.	.	1.5	1.3	27	10-6
Progeny P 5208RR	37	.	.	1.0	1.2	23	10-4
Asgrow AG 5304	37	.	.	1.0	1.2	28	10-11
Progeny P 5108RR	36	.	.	1.0	2.0	31	10-4
Progeny P 5115RR	34	.	.	1.0	1.5	29	10-3
Asgrow AG 5503	34	.	.	1.0	1.3	27	10-4
Dyna-Gro 32A53	33	.	.	1.8	1.2	27	10-7
Progeny P 5107RR	32	.	.	1.0	1.2	27	10-6
Trial mean	37	31	28				
LSD(0.10)	4	2	2				
CV (%)	16	15	18				

TABLE 7. PERFORMANCE OF GROUP VI AND VII SOYBEAN VARIETIES IN NORTHERN ALABAMA, 2008

Variety	Belle Mina	Cross- ville	Regional Average				Maturity date
			Yield	Lodging score	Shattering score	Plant height	
	----- <i>bu/acre</i> -----			- <i>inches</i> -			
Maturity Group VI							
SS RT 6600N	28.6	60.8	44.7	1.7	1.2	36	10-19
SS RT 6451N	34.6	54.6	44.6	2.0	1.2	35	10-10
SS RT 6207N	33.1	55.0	44.0	1.3	1.3	32	10-9
SS RT 6988N	27.2	53.6	40.4	2.3	1.2	36	10-14
Maturity Group VII							
Au 02-3104	35.5	75.3	55.4	3.0	1.3	37	10-21
USG 7732nRR	30.7	64.2	47.5	3.0	1.2	37	10-21
Stonewall	32.6	50.8	41.7	2.0	1.5	36	10-18
Trial mean	31.8	59.2	45.5	2.2	1.3	36	10-16
LSD(0.10)	2.9	5.3	2.9				
CV (%)	8.2	8.1	8.5				

TABLE 8. PERFORMANCE OF GROUP VI AND VII SOYBEAN VARIETIES IN NORTHERN ALABAMA, THREE-YEAR SUMMARY, 2006 - 2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
----- bu/acre -----			- inch -				
Maturity Group VI							
SS RT 6451N	45	35	32	1.9	1.4	34	10-14
SS RT 6600N	45	33	30	1.9	1.1	34	10-20
SS RT 6207N	44	35	.	1.8	1.2	32	10-11
SS RT 6988N	40	.	.	2.3	1.2	36	10-15
Maturity Group VII							
Stonewall	42	33	32	1.8	1.2	34	10-20
Au 02-3104	55	.	.	3.0	1.3	37	10-22
USG 7732nRR	47	.	.	2.3	1.1	37	10-22
Trial mean	45	34	31				
LSD(0.10)	4	3	2				
CV (%)	12	14	16				

TABLE 9. PERFORMANCE OF SOYBEAN VARIETIES AT SHORTER, ALABAMA, 2008

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group V					
Progeny P 4908RR	55.0	.	0	36	9-12
Progeny P 4918RR	51.4	.	0	33	9-13
Progeny P 4906RR	49.6	.	0	38	9-13
Progeny P 4949RR	49.2	.	0	36	9-13
Progeny P 4606RR	48.2	.	0	29	9-12
Progeny P 4718RR	48.1	.	0	30	9-12
Progeny P 4408RR	46.3	.	0	29	9-7
Progeny P 4807RR	44.8	.	0	34	9-12
Progeny P 4508RR	44.6	.	0	35	9-8
Progeny P 4706RR	43.6	.	0	33	9-7
Maturity Group V					
Progeny P 5408RR	62.7	.	0	31	9-28
USG 5601T	62.4	.	0	29	9-27
USG 75Z98	62.0	.	0	35	9-29
Progeny P 5208RR	61.2	.	0	30	9-30
Asgrow AG 5905	60.8	.	0	40	9-29
USG 7582nRR	60.6	.	0	33	9-30
USG 75J97	60.4	.	0	33	10-1
UA R03-224	59.9	.	0	27	9-26
Asgrow AG 5803	59.8	.	0	37	9-30
Progeny P 5650RR	59.4	.	0	38	10-1
AGS 568RR	59.4	.	0	32	9-28
USG Allen	58.6	.	0	31	9-30
Ozark	58.5	.	0	28	9-27
Osage	58.4	.	0	29	9-28
Progeny P 5706RR	58.4	.	0	34	9-30
Deltapine DP 5915RR	57.7	.	0	31	9-29
NK S 56-D7	56.8	.	0	33	9-29
Progeny P 5218RR	56.1	.	0	29	9-26
Progeny P 5308RR	55.8	.	0	37	9-22
USG 7553nRS	53.3	.	0	31	9-25
Progeny P 5622RR	52.8	.	0	34	9-28
Progeny P 5108RR	52.1	.	0	40	9-17
NK S 52-F2	49.7	.	0	25	9-25
Progeny P 5107RR	49.3	.	0	35	9-20
Progeny P 5115RR	49.3	.	0	38	9-22

continued

TABLE 9. CONTINUED

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group VI					
Croplan Genetics RC 6298	57.5	.	0	32	10-3
Asgrow AG 6301	56.6	.	0	35	10-4
Asgrow DKB 64-51	55.8	.	0	38	10-3
Deltapine DP 6568RR	53.6	.	0	32	10-3
Asgrow AG 6702	47.6	.	0	37	10-7
Maturity Group VIII					
Deltapine DP 7870RR	50.1	.	0	39	10-13
Deltapine DP 7330RR	49.5	.	0	34	10-11
Au 02-3104	47.2	.	0	38	10-16
USG 7732nRR	47.1	.	0	32	10-14
Stonewall	46.7	.	0	30	10-9
Asgrow AG 7501	45.9	.	0	34	10-13
Asgrow AG 7201	45.5	.	0	40	10-14
Croplan Genetics RT 7355	44.0	.	0	30	10-13
Asgrow AG 7502	42.3	.	0	39	10-14
Hinson	37.8	.	0	35	10-13
ES Large Lad RR	36.3	.	0	52	10-15
Trial mean	52.5	.	0	34	9-28
LSD(0.10)	7.6	.			
CV (%)	13.8	.			

TABLE 10. PERFORMANCE OF SOYBEAN VARIETIES AT SHORTER, ALABAMA, THREE-YEAR SUMMARY, 2006-2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----					-- <i>inch</i> --	
Maturity Group IV							
Progeny P 4908RR	55	.	.	.	0	36	9-12
Progeny P 4918RR	51	.	.	.	0	33	9-13
Progeny P 4906RR	50	.	.	.	0	38	9-13
Progeny P 4949RR	49	.	.	.	0	36	9-13
Progeny P 4606RR	48	.	.	.	0	29	9-12
Progeny P 4718RR	48	.	.	.	0	30	9-12
Progeny P 4408RR	46	.	.	.	0	29	9-7
Progeny P 4807RR	45	.	.	.	0	34	9-12
Progeny P 4508RR	45	.	.	.	0	35	9-8
Progeny P 4706RR	44	.	.	.	0	33	9-7
Maturity Group V							
Asgrow AG 5905	61	44	42	1	0	35	10-1
Ozark	58	43	42	0	0	29	9-27
USG Allen	59	45	41	1	0	29	10-3
USG 7582nRR	61	41	37	0	1	29	10-1
USG 7553nRS	53	36	32	0	0	27	9-26
USG 75J97	60	43	.	0	0	31	10-1
Deltapine DP 5915RR	58	42	.	0	0	31	9-30
AGS 568RR	59	42	.	0	0	31	9-30
Progeny P 5408RR	63	.	.	.	0	31	9-28
USG 5601T	62	.	.	.	0	29	9-27
USG 75Z98	62	.	.	.	0	35	9-29
Progeny P 5208RR	61	.	.	.	0	30	9-30
UA R03-224	60	.	.	.	0	27	9-26
Asgrow AG 5803	60	.	.	.	0	37	9-30
Progeny P 5650RR	59	.	.	.	0	38	10-1
Osage	58	.	.	.	0	29	9-28
Progeny P 5706RR	58	.	.	.	0	34	9-30
NK S 56-D7	57	.	.	.	0	33	9-29
Progeny P 5218RR	56	.	.	.	0	29	9-26
Progeny P 5308RR	56	.	.	.	0	37	9-22
Progeny P 5622RR	53	.	.	.	0	34	9-28
Progeny P 5108RR	52	.	.	.	0	40	9-17
NK S 52-F2	50	.	.	.	0	25	9-25
Progeny P 5107RR	49	.	.	.	0	35	9-20
Progeny P 5115RR	49	.	.	.	0	38	9-22

continued

TABLE 10. CONTINUED

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- bu/acre -----					-- inch --	
Maturity Group VI							
Asgrow AG 6301	57	40	39	1	0	31	10-4
Asgrow DKB 64-51	56	39	38	0	0	32	10-5
Deltapine DP 6568RR	54	39	.	0	0	31	10-5
Croplan Genetics RC 6298	58	.	.	.	0	32	10-3
Asgrow AG 6702	48	.	.	1	0	34	10-11
Maturity Group VII							
Stonewall	47	35	39	0	0	28	10-12
USG 7732nRR	47	35	37	1	0	32	10-17
Deltapine DP 7870RR	50	38	.	0	0	36	10-12
Deltapine DP 7330RR	49	38	.	0	0	30	10-13
Asgrow AG 7501	46	34	.	0	0	34	10-12
Au 02-3104	47	.	.	.	0	38	10-16
Asgrow AG 7201	46	.	.	.	0	40	10-14
Croplan Genetics RT 7355	44	.	.	0	0	26	10-15
Asgrow AG 7502	42	.	.	.	0	39	10-14
Hinson	38	.	.	.	0	35	10-13
ES Large Lad RR	36	.	.	.	0	52	10-15
Trial mean	53	40	39				
LSD(0.10)	5	3	3				
CV (%)	14	12	17				

TABLE 11. PERFORMANCE OF SOYBEAN VARIETIES ON VAIDEN SOIL, MARION JUNCTION, ALABAMA, 2008

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group V					
Ozark	45.1	1.0	2.0	25	10-4
Asgrow AG 5803	44.9	1.0	1.0	34	10-10
Osage	44.9	1.0	2.0	23	10-4
Asgrow AG 5905	44.7	1.5	2.0	32	10-13
UA R03-224	43.1	1.0	2.0	25	10-9
AGS 568RR	39.6	1.0	2.0	28	10-6
Deltapine DP 5915RR	39.6	1.3	1.8	33	10-17
ES 5555 RR	37.6	1.8	1.0	26	10-6
Maturity Group VI					
Deltapine DP 6568RR	47.4	1.5	1.0	31	10-10
Asgrow AG 6301	41.6	1.3	1.0	30	10-10
Asgrow DKB 64-51	41.5	1.0	2.0	30	10-12
Asgrow AG 6702	36.6	1.3	1.0	30	10-20
Maturity Group VII					
Au 02-3104	44.5	3.0	2.0	35	10-24
Deltapine DP 7330RR	42.4	1.3	1.0	33	10-15
Asgrow AG 7501	40.1	1.0	1.0	34	10-13
Deltapine DP 7870RR	39.6	2.3	1.0	36	10-27
Stonewall	39.2	1.5	1.0	34	10-13
Asgrow AG 7502	35.9	2.5	2.0	39	10-20
Asgrow AG 7201	34.1	1.3	2.0	40	10-20
Trial mean	41.2	1.4	1.5	31	10-13
LSD(0.10)	4.7				
CV (%)	10.8				

TABLE 12. PERFORMANCE OF SOYBEAN VARIETIES ON SUMTER SOIL, MARION JUNCTION, ALABAMA, 2008

Brand-Variety	Yield	Lodging score	Shattering score	Plant height	Iron Chlorosis [†]	Maturity date
	- bu/acre -			- inches -		
Maturity Group V						
Osage	21.3	1.0	3.0	16	2.0	10-8
Asgrow AG 5905	21.2	1.0	2.0	24	2.0	10-13
Asgrow AG 5803	17.5	1.0	3.0	21	3.5	10-13
ES 5555 RR	15.3	1.0	2.0	17	3.0	10-1
Deltapine DP 5915RR	14.9	1.0	2.0	19	7.4	10-17
Ozark	14.7	1.0	3.0	18	5.6	10-8
UA R03-224	14.4	1.0	3.0	17	3.4	10-1
AGS 568RR	13.8	1.0	3.0	18	7.1	10-8
Maturity Group VI						
Deltapine DP 6568RR	24.2	1.0	1.0	19	5.1	10-13
Asgrow AG 6301	22.6	1.0	2.0	21	4.6	10-10
Asgrow AG 6702	15.5	1.0	1.0	25	6.4	10-31
Asgrow DKB 64-51	10.2	1.0	1.0	15	7.1	10-10
Maturity Group VII						
Stonewall	28.4	1.0	3.0	22	2.6	10-10
Au 02-3104	20.4	2.0	1.0	25	1.3	10-17
Asgrow AG 7502	19.0	1.0	2.0	25	5.9	10-31
Deltapine DP 7330RR	17.5	1.0	2.0	22	2.6	10-20
Asgrow AG 7501	17.0	1.0	3.0	21	7.5	10-20
Asgrow AG 7201	15.9	1.0	2.0	26	2.1	10-31
Deltapine DP 7870RR	12.8	1.0	3.0	22	6.3	10-31
Trial mean	17.7	1.1	2.2	20	4.5	10-15
LSD(0.10)	4.9					
CV (%)	26.4					

[†] Iron Chlorosis ratings made on July 21, 2008. 1= no chlorosis; 10 = plants losing leaves due to necrotic spots on leaves.

TABLE 13. PERFORMANCE OF SOYBEAN VARIETIES AT FAIRHOPE, ALABAMA, 2008

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group V					
Osage	53.7	2.5	1.3	28	9-27
UA R03-224	53.4	2.3	1.0	37	10-6
Ozark	49.8	3.8	1.5	33	10-6
USG 5601T	46.9	2.3	1.5	36	10-5
Deltapine DP 5915RR	44.5	2.8	1.0	45	10-7
Asgrow AG 5803	43.9	2.5	1.5	41	10-4
Dyna-Gro 33X55	43.6	2.5	1.3	38	10-3
Asgrow AG 5905	39.0	2.5	1.0	45	10-4
Dyna-Gro 32B57	38.9	2.8	1.0	40	9-28
Maturity Group VI					
Asgrow AG 6702	42.6	3.3	1.0	45	10-16
Croplan Genetics RC 6298	39.0	3.3	1.0	38	10-9
Dyna-Gro 37D66	38.7	1.8	1.3	40	10-9
Deltapine DP 6568RR	37.3	3.3	1.0	39	10-10
Asgrow AG 6301	37.3	2.5	1.0	40	10-6
Dyna-Gro 36T60	36.4	2.3	1.3	39	10-8
Asgrow DKB 64-51	33.5	2.8	1.0	41	10-7
Maturity Group VII					
Dyna-Gro 35K73	49.7	3.0	1.0	46	10-13
Au 02-3104	43.4	3.3	1.0	45	10-20
Deltapine DP 7870RR	42.0	3.8	1.0	49	10-19
Croplan Genetics RT 7355	40.4	3.8	1.0	37	10-18
AGS 758 RR	40.2	3.0	1.0	40	10-15
Asgrow AG 7502	39.9	3.5	1.0	46	10-21
Asgrow AG 7501	38.8	2.8	1.0	43	10-21
Asgrow AG 7201	35.7	3.3	1.0	51	10-21
Deltapine DP 7330RR	34.6	2.8	1.0	40	10-14
Dyna-Gro 32R74	31.0	3.0	1.0	41	10-15
Stonewall	30.4	3.3	1.3	37	10-13
Maturity Group VIII					
Au 02-3223	42.1	3.3	1.0	41	10-21
Au 02-2814	39.7	3.3	1.0	42	10-19
Pritchard RR	28.4	4.0	1.0	37	10-19
Trial mean	40.5	3.0	1.1	41	10-11
LSD(0.10)	4.5				
CV (%)	10.6				

TABLE 14. PERFORMANCE OF SOYBEAN VARIETIES AT FAIRHOPE, ALABAMA, THREE-YEAR SUMMARY, 2006-2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- bu/acre -----					- inch -	
Maturity Group V							
Deltapine DP 5915RR	44	56	65	3	1	41	10-6
Dyna-Gro 33X55	44	53	.	2	2	38	10-2
Ozark	50	53	.	3	2	38	10-6
Asgrow AG 5905	39	51	.	3	1	46	10-6
Osage	54	.	.	3	1	28	9-27
UA R03-224	53	.	.	2	1	37	10-6
USG 5601T	47	.	.	2	2	36	10-5
Asgrow AG 5803	44	.	.	3	2	41	10-4
Dyna-Gro 32B57	39	.	.	3	1	40	9-28
Maturity Group VI							
Deltapine DP 6568RR	37	49	60	3	1	40	10-12
Asgrow AG 6301	37	49	.	2	1	41	10-9
Asgrow DKB 64-51	34	47	.	3	1	41	10-11
Asgrow AG 6702	43	.	.	3	1	45	10-16
Croplan Genetics RC 6298	39	.	.	3	1	38	10-9
Dyna-Gro 37D66	39	.	.	2	1	40	10-9
Dyna-Gro 36T60	36	.	.	2	1	35	10-7
Maturity Group VII							
Croplan Genetics RT 7355	40	54	68	2	1	37	10-22
Dyna-Gro 35K73	50	61	68	3	1	43	10-18
Deltapine DP 7870RR	42	54	63	3	1	45	10-20
Deltapine DP 7330RR	35	51	60	2	1	39	10-19
Stonewall	30	43	53	3	1	38	10-17
Asgrow AG 7501	39	52	.	3	1	43	10-24
AGS 758 RR	40	52	.	3	1	39	10-19
Au 02-3104	43	.	.	3	1	42	10-23
Asgrow AG 7502	40	.	.	4	1	46	10-21
Asgrow AG 7201	36	.	.	3	1	51	10-21
Dyna-Gro 32R74	31	.	.	3	1	41	10-15
Maturity Group VIII							
Au 02-2814	40	55	67	3	1	42	10-24
Au 02-3223	42	53	65	3	1	40	10-25
Pritchard RR	28	43	.	4	1	42	10-25
Trial mean	40	52	63				
LSD(0.10)	3	2	2				
CV (%)	9	6	7				

TABLE 15. PERFORMANCE OF SOYBEAN VARIETIES AT BREWTON, ALABAMA, 2008

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group V					
Ozark	44.8	1.0	44.8	31	9-28
USG 5601T	32.9	1.0	32.9	31	10-10
Maturity Group VI					
Croplan Genetics RC 6298	48.5	1.0	48.5	35	10-3
Maturity Group VII					
Au 02-3104	49.4	1.5	49.4	38	10-14
AGS 758 RR	46.1	1.3	46.1	34	10-13
ES Large Lad RR	41.9	2.5	41.9	56	10-14
Croplan Genetics RT 7355	41.6	1.0	41.6	33	10-12
Stonewall	41.0	1.0	41.0	36	10-11
Maturity Group VIII					
Au 02-3223	48.0	1.3	48.0	41	10-17
Au 02-2814	39.3	1.3	39.3	41	10-14
Pritchard RR	39.2	1.3	39.2	45	10-18
Trial mean	43.0	1.3	43.0	38	10-11
LSD(0.10)	6.0				
CV (%)	13.1				

TABLE 16. PERFORMANCE OF SOYBEAN VARIETIES AT BREWTON, ALABAMA, THREE-YEAR SUMMARY, 2006-2008

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2008	2-yr avg	3-yr avg				
	----- bu/acre -----					- inch -	
Maturity Group V							
Ozark	45	39	39	1	0	27	10-3
USG 5601T	33	.	.	1	.	31	10-10
Maturity Group VI							
Croplan Genetics RC 6298	48	.	.	1	.	35	10-3
Maturity Group VII							
Croplan Genetics RT 7355	42	43	43	1	0	29	10-15
Stonewall	41	41	41	1	0	31	10-15
AGS 758 RR	46	41	41	1	0	29	10-16
Au 02-3104	49	.	.	2	.	38	10-14
ES Large Lad RR	42	.	.	3	.	56	10-14
Maturity Group VIII							
Au 02-3223	48	48	48	1	0	36	10-22
Au 02-2814	40	48	48	1	0	37	10-23
Pritchard RR	39	44	44	1	0	38	10-23
Trial mean	43	43	43				
LSD(0.10)	4	3	2				
CV (%)	13	11	11				

TABLE 17. CULTURAL PRACTICES FOR SOYBEAN VARIETY TESTS IN 2008

Location	Type of test	Date planted	Row width	Herbicide used	Fertilizer applied
			- inches -		
Belle Mina	Group IV	April 24	7	Treflan, Sencor	none recommended
	Group IV-V	May 19	30	Storm	none recommended
	Group VI-VII	May 19	30	Storm	none recommended
Crossville	Group IV	April 30	7	Dual	none recommended
	Group IV-V	May 21	30	Dual, Storm	none recommended
	Group VI-VII	June 4	30	Dual, Valor	none recommended
Tallassee	Group IV	April 28	7	None	none recommended
Shorter	Standard	May 20	36	None	none recommended
Marion Junction	Standard (Sumter)	June 3	36	None	none recommended
	Standard (Vaiden)	June 3	36	None	none recommended
Brewton	Standard	May 28	36	Dual	none recommended
Fairhope	Standard	June 4	38	Storm, Reflex	none recommended

TABLE 18. SOIL TYPES FOR SOYBEAN TESTS, 2008

Location	Soil Type
Belle Mina	Emory silt loam
Crossville	Wynnvilleville fine sandy loam
Tallassee	Augusta silt loam
Shorter	Cowarts loamy sand
Marion Junction	Sumter clay (high pH soil)
Marion Junction	Vaiden clay
Fairhope	Malbis fine sandy loam

TABLE 19. RAINFALL AT TEST LOCATIONS DURING GROWING SEASON, 2008

Month	Days	Belle Mina	Crossville	Shorter	Marion Junction	Brewton	Fairhope
----- inches -----							
May	1-5	0.5	0.5	0.4	1.4	1.0	1.3
	6-10	0.4	0.6	0.5	0.4	0.0	0.0
	11-15	1.0	1.0	0.2	0.3	0.0	0.0
	16-20	0.6	1.1	1.4	1.0	1.5	5.9
	21-25	0.0	0.1	0.0	0.4	1.9	2.1
	26-31	2.3	1.5	0.0	0.0	0.1	0.0
June	1-5	0.0	0.2	0.0	0.2	0.0	0.0
	6-10	0.0	0.0	0.0	0.3	0.1	0.0
	11-15	3.0	0.1	2.0	1.5	4.4	1.7
	16-20	0.0	0.0	1.1	0.8	0.0	0.0
	21-25	0.1	0.0	0.2	0.0	1.0	0.4
	26-31	0.1	0.8	0.7	0.7	3.7	1.2
July	1-5	0.1	0.1	0.0	0.0	1.8	1.5
	6-10	1.4	0.0	0.0	0.3	1.1	0.5
	11-15	0.0	0.1	2.3	0.0	1.8	1.8
	16-20	0.0	0.0	0.0	0.0	0.0	0.0
	21-25	0.3	0.3	1.1	2.4	0.8	0.2
	26-31	0.8	0.2	0.9	0.0	0.7	1.4
August	1-5	1.3	1.1	0.5	0.0	0.5	0.5
	6-10	0.7	0.1	0.5	0.0	0.4	3.5
	11-15	0.4	0.5	1.7	2.8	3.7	3.6
	16-20	0.0	0.0	0.0	0.3	3.6	0.8
	21-25	0.9	1.5	5.0	4.8	2.4	2.1
	26-31	2.1	5.7	2.8	2.5	1.4	0.7
September	1-5	0.1	0.0	0.0	0.0	0.5	5.8
	6-10	0.2	1.0	0.2	0.1	1.4	0.3
	11-15	0.6	0.4	0.5	0.1	0.2	0.3
	16-20	0.1	0.0	0.0	0.0	0.1	1.2
	21-25	0.0	0.0	0.0	0.0	0.0	0.1
	26-31	0.0	0.0	0.0	0.0	0.0	0.0
October	1-5	0.0	0.0	0.0	0.0	0.0	0.0
	6-10	2.3	1.8	1.3	1.0	1.6	1.0
	11-15	0.0	0.0	0.0	0.0	0.0	0.0
	16-20	0.2	0.0	0.3	0.5	0.0	0.2
	21-25	0.9	0.4	2.3	0.4	1.4	3.0
	26-31	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 20. ENTRIES AND SOURCES OF SEED FOR SOYBEAN TESTS, 2008

Source	Entry
AG South Genetics, LLC Albany, Georgia	AGS brand varieties
Alabama Crop Imp. Assoc. Auburn, Alabama	Hinson, Stonewall
Auburn University Auburn, Alabama	Au 02-3223, Au 02-2814, Au 02-3104
Croplan Genetics/Land O' Lakes Elkmont, Alabama	Croplan Genetics
Eagle Seed Company Wiener, Arkansas	ES brand varieties
Monsanto St. Louis, Missouri	Asgrow brand varieties, Deltapine brand varieties
Progeny Ag Products Wynne, Arkansas	Progeny brand varieties
Schillinger Seed Inc. West Des Moines, Iowa	Schillinger brand varieties
Southern States Coop. Richmond, Virginia	SS brand varieties
Syngenta/NK Brand Seed Laurinburg, North Carolina	NK S brand varieties
UniSouth Genetics, Inc. Nashville, Tennessee	USG brand varieties
United Agri-Products Madison, Alabama	Dyna-Gro brand varieties
University of Arkansas Fayetteville, Arkansas	UA 4805, R03-224, Osage, Ozark
University of Georgia Athens, Georgia	Prichard RR