

*Performance
of Soybean
Varieties in
Alabama,
2010*

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William Batchelor, Director
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PERFORMANCE OF SOYBEAN VARIETIES IN ALABAMA, 2010

K. M. Glass, D.P. Delaney, and Edzard van Santen

Advisor, Natl. Res. Prog., Extension Soybean Specialist, and Professor

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.

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 2010 is shown in Table 20. 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.

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 2010 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, 2010.

Variety	Regional Average		Yield	Lodging score	Shattering score	Plant height	Maturity date
	Belle Mina	Crossville					
	----- bu/acre -----					- inches -	
	Maturity Group IV						
Croplan Genetics R2C4520	24.3	42.3	33.3	1.0	2.0	28	8-16
Terral REV 45R10	24.1	41.1	32.6	1.0	2.5	33	8-19
Dyna-Gro 36C44	22.9	38.0	30.5	1.0	2.1	24	8-22
Schillinger 458.RCS	28.7	26.7	27.7	1.2	2.0	31	8-27
Terral REV 49R11	27.4	27.3	27.4	1.0	2.0	29	8-22
Terral REV 48R22	29.9	24.5	27.2	1.2	2.1	32	8-23
Terral REV 44R22	25.1	29.0	27.1	1.0	1.1	28	8-22
Asgrow AG 4907	27.2	26.8	27.0	1.3	1.8	34	8-27
NK S 48-C9 Brand	29.7	23.6	26.7	1.0	1.1	29	8-27
Asgrow AG 4730	28.9	23.6	26.2	1.0	1.3	28	8-25
Terral REV 49R22	28.0	24.4	26.2	1.3	2.5	37	8-27
Terral REV 47R22	28.7	23.7	26.2	1.0	2.0	34	8-23
Croplan Genetics RC 4539	28.7	23.6	26.1	1.3	1.1	35	8-28
MorSoy RT 4914N	31.7	20.2	26.0	1.3	2.3	37	8-31
SS 4720NR2	26.9	24.8	25.9	1.2	2.3	31	8-25
Schillinger 495.RC	29.0	22.3	25.6	1.3	2.4	35	8-30
USG 74A91	27.6	23.1	25.4	1.0	1.5	33	8-31
SS RT 4808N	31.8	18.8	25.3	1.0	1.0	82	8-28
SS 4700R2	30.2	20.3	25.2	1.0	1.0	28	8-27
Terral REV 48R21	25.2	25.0	25.1	1.0	2.0	30	8-26
MorSoy RTS 4824	30.0	19.6	24.8	1.0	1.4	32	8-30
MorSoy RT 4707N	20.9	28.6	24.8	1.0	2.3	31	8-28
Terral REV 48R10	24.4	24.3	24.3	1.2	2.8	31	8-25
NK S 49-A5 Brand	25.3	22.1	23.7	1.0	1.3	36	8-25
Terral TV 47R18	26.7	19.4	23.0	1.2	2.4	34	8-29
Croplan Genetics R2T4799S	23.1	22.6	22.8	1.0	1.3	27	8-26
Terral TV 46R15	26.4	19.2	22.8	1.3	2.1	37	8-19
SS RT 4888N	25.5	20.0	22.7	1.0	1.3	31	8-24
Terral REV 49R10	24.0	21.2	22.6	1.3	1.6	36	8-26
Terral TV 49R19	26.7	18.5	22.6	1.0	1.3	32	9-2
Schillinger 478 RCS	23.2	21.9	22.5	1.0	1.8	30	8-27
SS RT 4996N	23.7	20.6	22.2	1.0	1.5	32	8-29

continued

TABLE 1. CONTINUED.

Variety	Belle Mina	Crossville	Regional Average				
			Yield	Lodging score	Shattering score	Plant height	Maturity date
	----- bu/acre -----					- inches -	
Maturity Group IV							
Schillinger 4990.RC	22.8	21.0	21.9	1.0	2.6	32	8-31
Terral TV 46R19	26.8	16.3	21.6	1.0	2.0	34	8-28
SS LL 499N	26.5	16.6	21.5	1.0	2.6	82	9-1
Terral TV 49R17	26.4	16.6	21.5	1.3	2.4	39	8-31
Croplan Genetics R2T4609S	22.9	18.9	20.9	1.5	2.4	38	9-11
Maturity Group V							
SS RT 5160N	22.3	19.0	20.6	1.3	1.6	36	9-11
Trial mean	26.4	23.6	25.0	1.1	1.9	34.9	8-27
LSD(0.10)	3.4	4.5					
CV (%)	12.1	18.1					

TABLE 2. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN NORTH ALABAMA, THREE-YEAR SUMMARY, 2008 - 2010.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----						
	Maturity Group IV						
Schillinger 495.RC	25.6	47.7	40.3	1.3	2.1	29.0	9-13
SS RT 4996N	22.2	43.7	37.5	1.2	1.7	26.6	9-13
SS RT 4808N	25.3	41.5	35.3	1.1	1.7	38.7	9-9
SS LL 499N	21.5	51.3		1.1	1.9	52.0	9-12
Terral TV 47R18	23.0	49.0		1.5	2.2	31.7	9-5
Schillinger 4990.RC	21.9	47.9		1.2	1.7	29.7	9-8
Terral TV 49R19	22.6	47.8		1.3	1.2	31.9	9-7
Terral TV 49R17	21.5	47.0		1.5	1.9	36.5	9-7
Asgrow AG 4907	27.0	45.5		1.1	1.7	29.7	9-6
Dyna-Gro 36C44	30.5	38.9		1.1	2.2	22.0	9-1
Croplan Genetics R2C4520	33.3			1.0	1.9	27.7	8-15
Terral REV 45R10	32.6			1.0	2.3	32.7	8-17
Schillinger 458.RCS	27.7			1.1	1.9	30.1	8-26
Terral REV 49R11	27.4			1.0	1.9	28.3	8-21
Terral REV 48R22	27.2			1.1	2.0	31.0	8-23
Terral REV 44R22	27.1			1.0	1.1	28.1	8-21
NK S 48-C9 Brand	26.7			1.0	1.1	28.4	8-27
Asgrow AG 4730	26.2			1.0	1.3	27.1	8-25
Terral REV 49R22	26.2			1.3	2.4	36.1	8-27
Terral REV 47R22	26.2			1.0	1.9	33.0	8-22
Croplan Genetics RC 4539	26.1			1.3	1.1	34.7	8-28
MorSoy RT 4914N	26.0			1.3	2.1	36.6	8-31
SS 4720NR2	25.9			1.1	2.1	30.7	8-25
USG 74A91	25.4			1.0	1.8	27.0	9-11
SS 4700R2	25.2			1.0	1.0	27.7	8-26
Terral REV 48R21	25.1			1.0	1.9	29.9	8-26
MorSoy RTS 4824	24.8			1.0	1.4	31.1	8-30
MorSoy RT 4707N	24.8			1.0	2.1	30.7	8-27
Terral REV 48R10	24.3			1.1	2.6	30.1	8-24
NK S 49-A5 Brand	23.7			1.0	1.3	35.9	8-25
Croplan Genetics R2T4799S	22.8			1.0	1.3	27.3	8-26

continued

TABLE 2. CONTINUED.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----						
Maturity Group IV							
Terral TV 46R15	22.8			1.3	2.0	36.0	8-19
SS RT 4888N	22.7			1.0	1.8	26.1	9-6
Terral REV 49R10	22.6			1.3	1.6	34.9	8-26
Schillinger 478 RCS	22.5			1.0	2.1	25.5	9-9
Terral TV 46R19	21.6			1.0	1.9	32.7	8-28
Croplan Genetics R2T4609S	20.9			1.4	2.3	37.1	9-11
Maturity Group V							
SS RT 5160N	20.6	50.1	45.0	1.2	1.4	30.1	9-21
Trial mean	25.0	46.4	39.5	1.1	1.8	31.4	8-31
LSD(0.10)	2.9	4.3	2.9				
CV (%)	15.5	17.4	17.0				

TABLE 3. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN TALLASSEE, ALABAMA, 2010

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
Terral REV 49R10	47.9	1.0	1.3	40	8-27
SS RT 4996N	47.2	1.0	1.5	33	9-7
SS RT 4808N	45.2	1.0	1.0	32	9-2
Terral TV 49R19	44.7	1.0	1.0	31	9-3
MorSoy RT 4914N	44.6	1.0	1.5	36	9-2
MorSoy RTS 4824	44.2	1.0	1.0	31	9-6
Terral REV 48R22	43.5	1.0	2.0	32	8-21
Asgrow AG 4907	43.2	1.0	1.0	35	8-25
Terral TV 47R18	42.7	1.0	1.3	33	8-31
Terral REV 44R22	40.9	1.0	1.3	29	8-15
Terral REV 47R22	40.4	1.0	1.3	32	8-31
Terral REV 49R22	40.4	1.0	1.3	36	9-4
SS 4700R2	39.9	1.0	1.0	27	8-25
Terral TV 46R15	39.9	1.0	2.0	38	8-12
SS 4720NR2	39.6	1.0	2.0	32	8-25
Terral TV 46R19	39.5	1.0	1.0	34	8-28
Terral REV 49R11	39.2	1.0	1.5	27	8-22
Terral REV 48R21	39.1	1.0	1.0	31	8-28
Asgrow AG 4730	39.1	1.0	1.0	28	8-23
NK S 48-C9 Brand	38.7	1.0	1.0	29	9-2
NK S 49-A5 Brand	38.4	1.0	1.0	35	8-26
Terral TV 49R17	38.4	1.0	1.5	42	8-27
Terral REV 45R10	37.2	1.0	1.8	37	8-14
SS RT 4888N	36.8	1.0	1.5	29	9-2
Terral REV 48R10	36.4	1.0	2.0	29	8-29
MorSoy RT 4707N	35.9	1.0	1.7	32	9-1
Maturity Group V					
SS RT 5160N	42.5	1.0	1.0	31	9-12
Trial mean	41.0	1.0	1.3	32.5	8-28
LSD(0.10)	7.1				
CV (%)	16.4				

TABLE 4. PERFORMANCE OF GROUP IV SOYBEAN VARIETIES IN TALLASSEE, ALABAMA, THREE-YEAR SUMMARY, 2008 - 2010

Variety	Yield			Lodging score	Shattering score	Plant height - inch -	Maturity date
	2010	2-yr avg	3-yr avg				
	----- bu/acre -----						
Maturity Group IV							
SS RT 4996N	47.2	52.8		0.5	1.1	28.6	9-6
Asgrow AG 4907	43.2	52.0		0.5	0.9	30.4	8-31
SS RT 4808N	45.2	48.6		0.5	0.6	27.5	8-31
SS RT 4888N	36.8	45.0		0.5	1.5	27.1	9-3
Terral REV 49R10	47.9			1.0	1.3	40.3	8-27
Terral TV 49R19	44.7			1.0	1.0	31.3	9-3
MorSoy RT 4914N	44.6			1.0	1.5	35.8	9-2
MorSoy RTS 4824	44.2			1.0	1.0	30.5	9-6
Terral REV 48R22	43.5			1.0	2.0	32.0	8-21
Terral TV 47R18	42.7			1.0	1.3	33.0	8-31
Terral REV 44R22	40.9			1.0	1.3	28.5	8-15
Terral REV 47R22	40.4			1.0	1.3	31.5	8-31
Terral REV 49R22	40.4			1.0	1.3	35.8	9-4
SS 4700R2	39.9			1.0	1.0	27.3	8-25
Terral TV 46R15	39.9			1.0	2.0	38.0	8-12
SS 4720NR2	39.6			1.0	2.0	32.3	8-25
Terral TV 46R19	39.5			1.0	1.0	34.3	8-28
Terral REV 49R11	39.2			1.0	1.5	27.3	8-22
Terral REV 48R21	39.1			1.0	1.0	30.5	8-28
Asgrow AG 4730	39.1			1.0	1.0	27.5	8-23
NK S 49-A5 Brand	38.4			1.0	1.0	34.5	8-26
Terral TV 49R17	38.4			1.0	1.5	41.5	8-27
NK S 48-C9 Brand	37.5			1.0	1.0	27.8	9-3
Terral REV 45R10	37.2			1.0	1.8	37.0	8-14
Terral REV 48R10	36.4			1.0	2.0	28.5	8-29
MorSoy RT 4707N	34.7			1.0	1.8	32.0	9-1
Maturity Group V							
SS RT 5160N	42.5	55.0		0.5	0.6	25.5	9-14
Trial mean	40.9	50.7		0.9	1.3	31.7	8-28
LSD(0.10)	4.5	4.4					
CV (%)	14.8	15.6					

†2009 data not available because the trial could not be harvested due to excessive fall rains. Two-year averages based on 2008 and 2010 data.

TABLE 5. PERFORMANCE OF GROUP IV AND V SOYBEAN VARIETIES IN NORTHERN ALABAMA, 2010.

Variety	Belle Mina	Crossville	Regional Average				Maturity date
			Yield	Lodging score	Shattering score	Plant height	
		----- bu/acre -----				- inches -	
Maturity Group IV							
NK S 48-C9 Brand	37.4	18.1	27.8	1.2	2.2	33	9-17
UA 4805	31.6	21.9	26.7	1.2	1.3	30	9-19
Progeny P 4810RY	34.9	17.1	26.0	1.2	2.8	29	9-17
HALO 4:65	33.5	17.4	25.4	1.5	2.2	33	9-16
HALO 4:94	31.3	18.1	24.7	1.0	2.6	31	9-21
Progeny P 4807RR	31.1	16.4	23.7	1.3	2.5	35	9-20
NK S 49-A5 Brand	29.9	17.1	23.5	1.3	1.8	37	9-17
Progeny P 4949RR	29.6	16.8	23.2	1.6	2.2	36	9-20
Progeny P 4908RR	29.2	15.4	22.3	1.3	2.6	35	9-19
UA 4910	26.8	16.1	21.4	1.0	1.5	31	9-19
Progeny P 4906RR	25.9	14.9	20.4	1.2	2.6	33	9-17
Progeny P 4920RY	23.9	16.3	20.1	1.3	2.1	31	9-17
Maturity Group V							
USG 5601T	29.2	22.5	25.8	1.5	1.8	37	9-21
MorSoy RT 5388N	30.3	20.6	25.4	1.5	1.1	36	9-22
Ozark	30.5	19.0	24.7	1.3	1.4	34	9-22
Asgrow AG 5503	26.4	22.8	24.6	1.1	2.3	37	9-22
Schillinger 557RC	27.5	21.2	24.3	1.6	2.0	34	9-23
Progeny P 5310RY	24.1	24.2	24.1	1.7	1.8	36	9-21
Progeny P 5330RR	27.1	20.7	23.9	2.0	2.6	37	9-22
MorSoy RT 5429N	26.6	20.7	23.6	1.0	2.5	37	9-25
Osage	27.1	20.1	23.6	1.0	1.8	30	9-24
Croplan Genetics RC 5663RR	26.0	20.8	23.4	1.5	2.2	35	9-23
SS 5110NR2	25.1	21.6	23.3	1.1	1.4	31	9-19
Progeny P 5110RY	27.9	18.5	23.2	1.0	1.7	31	9-17
HALO 5:65	27.7	18.7	23.2	1.2	1.3	34	9-22
Terral TV 54R28	26.8	19.0	22.9	2.0	2.5	37	9-22
Terral REV 55R21	25.2	20.6	22.9	1.3	1.7	36	9-25
Asgrow AG 5831	27.0	18.8	22.9	1.0	1.3	33	9-23
Terral REV 54R10	23.8	21.8	22.8	1.7	1.6	42	9-22
USG Allen RR	23.3	21.8	22.6	1.5	2.0	39	9-25
HALO 5:25	23.9	20.3	22.1	1.0	1.5	28	9-18
USG 5002T	26.1	18.1	22.1	1.7	2.1	31	9-19
Progeny P 5622RR	24.6	19.3	22.0	2.0	2.3	41	9-25

continued

TABLE 5. CONTINUED.

Variety	Belle Mina	Crossville	Regional Average				Maturity date
			Yield	Lodging score	Shattering score	Plant height	
	----- bu/acre -----					- inches -	
Maturity Group IV							
Croplan Genetics RC 5007RR	22.0	21.5	21.8	1.5	1.7	36	9-22
SS LL 595N	25.1	18.0	21.5	1.1	1.5	33	9-23
SS 5810NR2	22.2	20.5	21.4	1.2	1.8	34	9-23
AGS 597RR	23.8	18.9	21.3	1.6	1.4	35	9-25
MorSoy RT 5688N	20.8	21.9	21.3	1.5	1.4	36	9-26
Syngenta NK S 56-G6	22.3	19.8	21.1	1.1	1.7	33	9-25
Terral REV 56R21	22.9	19.3	21.1	1.2	1.6	36	9-23
Asgrow AG 5531	24.5	17.5	21.0	1.2	1.8	32	9-22
Progeny P 5610RY	21.9	19.6	20.8	1.5	1.8	35	9-23
Croplan Genetics RC 5419RR	23.1	18.3	20.7	1.9	1.4	39	9-25
SS LL 511N	22.7	18.5	20.6	1.3	1.3	29	9-20
Asgrow AG 5606	22.4	18.5	20.5	1.5	2.0	37	9-24
USG 75T18	22.7	18.2	20.4	1.3	1.8	31	9-18
AGS 554RR	24.1	16.6	20.4	2.4	1.8	38	9-26
Terral TV 55R15	21.3	19.5	20.4	2.3	1.7	40	9-25
Terral TV 55R20	21.8	18.6	20.2	2.3	1.3	36	9-26
USG 75T40	24.6	15.5	20.1	1.1	2.0	35	9-23
Dyna-Gro 33X55	20.3	19.3	19.8	1.0	1.8	35	9-24
SS RT 5760N	22.0	17.4	19.7	1.4	2.2	38	9-27
Progeny P 5218RR	21.9	17.2	19.5	1.8	2.3	36	9-28
SS 5510NR2	22.7	16.2	19.4	1.0	1.5	34	9-20
Progeny P 5210RY	21.8	16.8	19.3	1.6	1.8	35	9-21
Terral REV 54R21	22.0	16.0	19.0	1.3	2.0	32	9-22
Progeny P 5650RR	19.8	17.6	18.7	2.3	1.1	41	9-27
Croplan Genetics RC 5222RR	17.8	19.0	18.4	1.9	2.2	37	9-22
Terral REV 57R21	19.1	17.6	18.4	2.3	1.4	44	9-23
SS RT 5951N	19.9	14.8	17.4	1.5	1.7	35	9-24
SS RT 5960N	17.5	15.2	16.3	1.4	2.0	38	9-27
Progeny P 5706RR	15.3	17.3	16.3	1.3	1.5	36	9-27
SS RT 5471N	18.4	12.5	15.5	1.3	2.6	33	9-25
Progeny P 5115RR	16.1	13.4	14.7	1.2	2.5	35	9-21
Trial mean	24.8	18.6	21.7	1.4	1.9	34.9	9-22
LSD(0.10)	5.9	3.4					
CV (%)	22.8	17.4					

TABLE 6. PERFORMANCE OF GROUP IV AND V SOYBEAN VARIETIES IN NORTHERN ALABAMA, THREE-YEAR SUMMARY, 2008 - 2010.

Variety	Yield			Lodging score	Shattering score	Plant height - inch -	Maturity date
	2010	2-yr avg	3-yr avg				
	----- bu/acre -----						
Maturity Group IV							
Progeny P 4908RR	22.3	46.5	42.9	1.4	1.8	33.7	9-26
Progeny P 4906RR	20.4	45.8	41.6	1.4	1.9	32.8	9-25
Progeny P 4807RR	23.7	46.1	40.7	1.4	1.9	34.4	9-7
Progeny P 4949RR	23.2	42.0	37.8	1.8	1.9	34.4	9-27
HALO 4:94	24.7	51.0		1.3	1.9	35.6	9-29
HALO 4:65	25.4	45.0		1.5	1.9	35.6	8-26
NK S 48-C9 Brand	27.8			1.1	2.1	32.3	9-18
UA 4805	26.7			1.1	1.3	29.7	9-19
Progeny P 4810RY	26.0			1.1	2.7	28.9	9-18
NK S 49-A5 Brand	23.5			1.3	1.9	36.7	9-18
UA 4910	21.4			1.0	1.6	30.1	9-20
Progeny P 4920RY	20.1			1.3	2.1	30.9	9-18
Maturity Group V							
Ozark	24.7	44.7	43.7	1.7	1.4	33.4	10-2
Croplan Genetics RC 5222RR	18.4	43.0	43.5	1.9	1.6	36.8	10-3
Osage	23.6	43.9	43.3	1.4	1.4	30.3	10-3
Croplan Genetics RC 5007RR	21.8	45.0	43.0	1.6	1.4	35.7	10-3
Asgrow AG 5503	24.6	47.1	42.9	1.4	1.7	34.6	9-30
Progeny P 5622RR	22.0	42.3	42.7	2.1	1.6	37.8	10-8
Progeny P 5650RR	18.7	39.7	42.6	2.6	1.3	38.2	10-8
USG Allen RR	22.6	42.4	42.4	1.6	1.5	37.4	10-8
Dyna-Gro 33X55	19.8	40.6	41.0	1.3	1.5	34.7	10-6
SS RT 5760N	19.7	40.8	40.7	1.7	1.6	36.6	10-7
SS RT 5471N	15.5	38.3	39.1	1.3	1.7	33.6	10-4
Progeny P 5218RR	19.5	39.7	38.9	2.3	1.7	33.3	10-6
Progeny P 5706RR	16.3	36.6	38.6	1.5	1.4	35.5	10-8
SS RT 5960N	16.3	36.7	37.6	1.9	1.7	37.3	10-9
SS RT 5951N	17.4	36.9	37.3	1.5	1.4	33.8	10-6

continued

TABLE 6. CONTINUED.

Variety	Yield			Lodging score	Shattering score	Plant height - inch -	Maturity date
	2010	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----						
Maturity Group IV							
MorSoy RT 5388N	25.4	47.9		1.4	1.1	37.4	10-2
HALO 5:65	23.2	45.6		1.4	1.3	36.6	10-3
Terral TV 54R28	22.9	45.4		2.3	1.8	39.1	9-30
SS LL 511N	20.6	45.0		1.9	1.2	31.4	9-30
Schillinger 557RC	24.3	44.8		1.8	1.6	35.9	10-4
HALO 5:25	22.1	44.6		1.6	1.5	29.9	10-1
AGS 597RR	21.3	42.8		2.0	1.4	37.0	10-7
Croplan Genetics RC 5663RR	23.4	42.6		2.0	1.6	36.1	10-3
SS LL 595N	21.5	42.0		1.5	1.5	36.5	10-4
Asgrow AG 5606	20.5	41.5		2.1	1.8	38.8	10-6
Croplan Genetics RC 5419RR	20.7	41.3		2.2	1.4	40.4	10-6
AGS 554RR	20.4	40.8		2.7	1.5	39.3	10-5
Terral TV 55R15	20.4	40.2		2.6	1.5	40.0	10-5
USG 5601T	25.8			1.4	1.9	36.7	9-22
Progeny P 5310RY	24.1			1.6	1.9	35.7	9-22
Progeny P 5330RR	23.9			2.0	2.6	36.4	9-22
MorSoy RT 5429N	23.6			1.0	2.4	35.9	9-25
SS 5110NR2	23.3			1.1	1.4	31.0	9-20
Progeny P 5110RY	23.2			1.0	1.7	31.0	9-18
Terral REV 55R21	22.9			1.3	1.7	35.1	9-25
Asgrow AG 5831	22.9			1.0	1.3	32.4	9-24
Terral REV 54R10	22.8			1.7	1.6	41.1	9-22
USG 5002T	22.1			1.7	2.1	31.4	9-20
SS 5810NR2	21.4			1.1	1.9	33.3	9-23
MorSoy RT 5688N	21.3			1.4	1.4	35.4	9-27
Syngenta NK S 56-G6	21.1			1.1	1.7	32.7	9-26
Terral REV 56R21	21.1			1.2	1.6	36.1	9-23
Asgrow AG 5531	21.0			1.1	1.9	31.9	9-22
Progeny P 5610RY	20.8			1.4	1.9	34.0	9-23
USG 75T18	20.4			1.3	1.9	30.9	9-19
Terral TV 55R20	20.2			2.3	1.3	35.9	9-26
USG 75T40	20.1			1.1	2.0	34.4	9-23
SS 5510NR2	19.4			1.0	1.4	32.9	9-20
Progeny P 5210RY	19.3			1.6	1.9	34.6	9-21
Terral REV 54R21	19.0			1.3	2.0	31.7	9-23
Terral REV 57R21	18.4			2.3	1.4	43.4	9-23
Progeny P 5115RR	14.7			1.1	2.1	32.0	9-28
Trial mean	21.7	42.9	41.1	1.6	1.7	34.8	9-27
LSD(0.10)	3.2	3.2	2.6				
CV (%)	20.1	14.3	14.9				

TABLE 7. PERFORMANCE OF GROUP VI AND VII SOYBEAN VARIETIES IN NORTHERN ALABAMA, 2010.

Variety	Belle Mina	Cross- ville	Regional Average				Maturity date
			Yield	Lodging score	Shattering score	Plant height	
		----- bu/acre -----				- inches -	
Maturity Group VI							
AGS 606 RR	10.7	30.5	20.6	1.3	2.3	33	9-30
SS RT 6810Nr2	8.9	31.9	20.4	1.4	1.5	34	10-25
Progeny P 6710RY	8.0	32.4	20.2	1.1	1.5	35	10-24
SS RT 6988N	6.4	31.8	19.1	1.1	1.5	37	10-11
Croplan Genetics RC 6298	7.5	30.0	18.7	1.1	1.4	34	10-12
SS LL 601N	9.8	27.6	18.7	1.1	2.5	34	9-24
Progeny P 6208RR	5.2	29.4	17.3	1.4	1.4	37	10-9
SS RT 6451N	7.8	26.0	16.9	1.1	1.8	34	10-17
Maturity Group VII							
Progeny P 7310RY	10.1	32.1	21.1	1.1	1.4	33	10-23
Progeny P 7208RR	7.5	33.1	20.3	1.1	1.6	35	10-11
Stonewall	9.5	29.9	19.7	1.3	2.0	36	10-23
Trial mean	8.3	30.4	19.4	1.2	1.7	34.8	10-14
LSD(0.10)	2.6	4.2					
CV (%)	28.5	12.8					

TABLE 8. PERFORMANCE OF GROUP VI AND VII SOYBEAN VARIETIES IN NORTHERN ALABAMA, THREE-YEAR SUMMARY, 2008 - 2010.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
	----- <i>bu/acre</i> -----						
Maturity Group VI							
SS RT 6451N	16.9	36.7	39.3	1.7	1.5	37.7	10-16
SS RT 6988N	19.1	35.0	36.8	1.8	1.3	39.1	10-16
AGS 606 RR	20.6	37.9		1.6	1.6	35.4	10-9
Progeny P 6208RR	17.3	36.9		2.3	1.4	38.5	10-15
SS RT 6810Nr2	20.4			1.4	1.6	33.9	10-26
Progeny P 6710RY	20.2			1.1	1.6	35.0	10-25
Croplan Genetics RC 6298	18.7			1.1	1.4	34.0	10-12
SS LL 601N	18.7			1.1	2.4	33.7	9-25
Maturity Group VII							
Stonewall	19.7	36.2	38.0	2.4	1.6	37.5	10-20
Progeny P 7208RR	20.3	35.6		1.9	1.6	39.2	10-16
Progeny P 7310RY	21.1			1.1	1.4	32.6	10-24
Trial mean	19.4	36.4	38.0	1.6	1.6	36.0	10-16
LSD(0.10)	2.5	1.9	1.4				
CV (%)	17.4	9.8	8.7				

TABLE 9. PERFORMANCE OF SOYBEAN VARIETIES AT SHORTER, ALABAMA, 2010.

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
Progeny P 4920RY	38.9	0.0	0.0	32.0	8-26
Progeny P 4908RR	33.5	0.0	0.0	33.5	8-29
HALO 4:65	33.5	0.0	0.0	32.0	8-29
UA 4805	30.6	0.0	0.0	24.7	8-28
Progeny P 4906RR	30.6	0.0	0.0	33.2	8-30
Progeny P 4810RY	29.2	0.0	0.0	28.7	8-31
Progeny P 4949RR	28.0	0.0	0.0	35.0	9-3
NK S 49-A5 Brand	27.9	0.0	0.0	36.7	8-27
HALO 4:94	27.9	0.0	0.0	31.0	8-20
UA 4910	26.6	0.0	0.0	30.0	8-29
NK S 48-C9 Brand	26.6	0.0	0.0	31.2	8-30
Progeny P 4807RR	22.8	0.0	0.0	32.2	8-24
Maturity Group V					
Terral TV 55R20	41.3	0.0	0.0	35.5	8-23
Progeny P 5650RR	40.1	0.0	0.0	37.0	8-27
Progeny P 5210RY	39.7	0.0	0.0	32.7	8-25
Terral REV 56R21	38.9	0.0	0.0	33.7	8-28
Progeny P 5622RR	38.7	0.0	0.0	35.2	8-26
Ozark	37.4	0.0	0.0	28.0	8-30
MorSoy RT 5688N	36.6	0.0	0.0	32.5	8-30
USG Allen RR	36.6	0.0	0.0	35.7	8-29
Terral TV 55R15	36.5	0.0	0.0	36.7	8-24
Asgrow AG 5531	36.5	0.0	0.0	27.5	9-3
Progeny P 5706RR	36.3	0.0	0.0	35.2	8-30
USG 75T18	35.9	0.0	0.0	28.2	8-29
Osage	35.7	0.0	0.0	30.2	8-29
Terral REV 54R10	35.0	0.0	0.0	35.2	8-24
Progeny P 5610RY	34.9	0.0	0.0	31.7	8-30
MorSoy RT 5429N	34.9	0.0	0.0	34.0	8-28
Asgrow AG 5831	34.6	0.0	0.0	27.0	8-29
Terral REV 57R21	34.6	0.0	0.0	38.7	8-27
Terral REV 55R21	34.5	0.0	0.0	31.7	8-27
Progeny P 5330RR	34.5	0.0	0.0	34.0	8-26
Terral TV 54R28	34.0	0.0	0.0	34.0	9-2
MorSoy RT 5388N	34.0	0.0	0.0	33.0	8-20

continued

TABLE 9. CONTINUED.

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
Syngenta NK S 56-G6	33.4	0.0	0.0	28.5	8-25
Asgrow AG 5606	33.1	0.0	0.0	34.5	8-30
Asgrow AG 5503	32.5	0.0	0.0	34.7	8-26
Progeny P 5310RY	32.3	0.0	0.0	40.0	8-26
Progeny P 5110RY	32.2	0.0	0.0	27.7	8-25
HALO 5:65	31.9	0.0	0.0	29.5	8-24
HALO 5:25	31.6	0.0	0.0	23.7	8-24
USG 5601T	30.9	0.0	0.0	33.7	8-27
Progeny P 5115RR	30.5	0.0	0.0	36.7	8-27
USG 75T40	30.0	0.0	0.0	32.7	9-1
Terral REV 54R21	29.4	0.0	0.0	31.0	8-28
Progeny P 5218RR	26.2	0.0	0.0	31.5	8-26
USG 5002T	25.1	0.0	0.0	25.7	8-23
Maturity Group VI					
AGS 606 RR	34.0	0.0	0.0	32.7	8-27
Progeny P 6208RR	24.7	0.0	0.0	37.5	8-26
Progeny P 6170RY	11.3	0.0	0.0	34.0	8-20
Trial mean	32.5	0.0	0.0	32.5	8-27
LSD(0.10)	7.8	0.0	0.0	2.0	7.6
CV (%)	22.8			5.8	3.0

TABLE 10. PERFORMANCE OF SOYBEAN VARIETIES AT SHORTER, ALABAMA, THREE-YEAR SUMMARY, 2008-2010.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
	----- bu/acre -----					- inch -	
Maturity Group IV							
Progeny P 4908RR	33.5	43.2	47.1	0.0	0.0	33.1	9-13
Progeny P 4949RR	28.0	40.0	43.0	0.0	0.0	34.4	9-15
Progeny P 4906RR	30.6	38.9	42.5	0.0	0.0	34.3	9-14
Progeny P 4807RR	22.8	34.3	37.8	0.0	0.0	32.0	9-11
HALO 4:65	33.5	43.9		0.0	0.0	32.4	9-14
HALO 4:94	27.9	43.4		0.0	0.0	32.0	9-13
Progeny P 4920RY	38.9			0.0	0.0	32.0	8-26
UA 4805	30.6			0.0	0.0	24.8	8-28
Progeny P 4810RY	29.2			0.0	0.0	28.8	8-31
NK S 49-A5 Brand	27.9			0.0	0.0	36.8	8-27
UA 4910	26.6			0.0	0.0	30.0	8-29
NK S 48-C9 Brand	26.6			0.0	0.0	31.3	8-30
Maturity Group V							
Progeny P 5650RR	40.1	46.9	51.1	0.0	0.0	34.4	9-25
Progeny P 5706RR	36.3	46.7	50.6	0.0	0.0	31.4	9-26
Osage	35.7	46.6	50.5	0.0	0.0	27.6	9-24
Ozark	37.4	44.7	49.3	0.0	0.0	27.5	9-21
USG Allen RR	36.6	43.5	48.5	0.0	0.0	30.7	9-27
Progeny P 5622RR	38.7	46.2	48.4	0.0	0.0	31.8	9-23
Progeny P 5218RR	26.2	35.0	42.0	0.0	0.0	27.8	9-19
Terral TV 55R15	36.5	48.9		0.0	0.0	33.8	9-18
HALO 5:25	31.6	47.8		0.0	0.0	25.5	9-19
HALO 5:65	31.9	45.3		0.0	0.0	29.4	9-18
Terral TV 54R28	34.0	43.4		0.0	0.0	30.5	9-19
MorSoy RT 5388N	34.0	40.6		0.0	0.0	30.0	9-13

continued

TABLE 10. CONTINUED.

Variety	Yield			Averages			
	2010	2-yr avg	3-yr avg	Lodging score	Shattering score	Plant height	Maturity date
	----- bu/acre -----					- inch -	
Maturity Group V continued							
Terral TV 55R20	41.3			0.0	0.0	35.5	8-23
Progeny P 5210RY	39.7			0.0	0.0	32.8	8-25
Terral REV 56R21	38.9			0.0	0.0	33.8	8-28
MorSoy RT 5688N	36.6			0.0	0.0	32.5	8-30
Asgrow AG 5531	36.5			0.0	0.0	27.5	9-3
USG 75T18	35.9			0.0	0.0	28.3	8-29
Terral REV 54R10	35.0			0.0	0.0	35.3	8-24
Progeny P 5610RY	34.9			0.0	0.0	31.8	8-30
MorSoy RT 5429N	34.9			0.0	0.0	34.0	8-28
Asgrow AG 5831	34.6			0.0	0.0	27.0	8-29
Terral REV 57R21	34.6			0.0	0.0	38.8	8-27
Terral REV 55R21	34.5			0.0	0.0	31.8	8-27
Progeny P 5330RR	34.5			0.0	0.0	34.0	8-26
Syngenta NK S 56-G6	33.4			0.0	0.0	28.5	8-25
Asgrow AG 5606	33.1			0.0	0.0	34.5	8-30
Asgrow AG 5503	32.5			0.0	0.0	34.8	8-26
Progeny P 5310RY	32.3			0.0	0.0	40.0	8-26
Progeny P 5110RY	32.2			0.0	0.0	27.8	8-25
USG 5601T	30.9			0.0	0.0	31.3	9-12
Progeny P 5115RR	30.5			0.0	0.0	37.5	9-9
USG 75T40	30.0			0.0	0.0	32.8	9-1
Terral REV 54R21	29.4			0.0	0.0	31.0	8-28
USG 5002T	25.1			0.0	0.0	25.8	8-23
Maturity Group VI							
Progeny P 6208RR	24.7	42.0		0.0	0.0	33.5	9-22
AGS 606 RR	34.0	36.6		0.0	0.0	26.4	9-21
Progeny P 6710RY	13.7			0.0	0.0	34.0	8-24
Trial mean	32.6	42.9	46.4	0.0	0.0	31.6	9-6
LSD(0.10)	4.2	2.9	2.7				
CV (%)	17.2	12.7	13.4				

TABLE 11. PERFORMANCE OF SOYBEAN VARIETIES ON VAIDEN SOIL, MARION JUNCTION, ALABAMA, 2010.

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
Progeny P 4906RR	25.4	1.8	3.5	30.3	9-16
NK S 48-C9 Brand	22.7	1.3	2.5	26.0	9-25
Progeny P 4949RR	20.8	1.3	3.5	30.8	9-23
Progeny P 4920RY	20.7	2.0	3.0	27.0	9-23
HALO 4:94	18.5	1.0	3.0	26.0	9-27
Progeny P 4908RR	18.4	2.0	3.0	29.3	9-15
Progeny P 4807RR	15.6	1.8	3.0	30.5	9-21
NK S 49-A5 Brand	14.5	1.8	3.5	32.3	9-25
Progeny P 4810RY	14.5	2.0	3.5	27.8	10-4
HALO 4:65	13.6	1.3	5.0	31.0	9-24
Maturity Group V					
Progeny P 5610RY	31.1	1.0	1.0	26.3	9-18
Terral REV 56R21	30.5	1.3	1.5	27.3	9-16
Asgrow AG 5503	29.8	1.5	2.5	31.8	9-30
Terral TV 55R15	28.8	1.8	1.5	26.3	9-18
Terral TV 55R20	26.8	2.0	2.5	27.8	9-18
Progeny P 5218RR	26.6	1.5	2.5	24.3	10-5
Terral TV 54R28	26.5	1.0	2.0	26.3	9-23
Progeny P 5650RR	26.2	1.5	1.0	27.8	9-30
Terral REV 55R21	26.2	1.0	1.5	25.0	9-26
Progeny P 5210RY	26.1	1.0	1.5	25.3	9-16
Asgrow AG 5831	25.3	1.0	1.0	21.3	9-19
Terral REV 57R21	25.2	3.0	1.5	31.8	9-24
Progeny P 5622RR	24.7	1.0	1.0	25.8	9-26
Progeny P 5706RR	24.4	1.0	1.5	22.5	9-23
Progeny P 5330RR	24.3	1.0	2.5	27.5	9-27
Asgrow AG 5606	21.8	2.5	2.0	28.8	10-2
Progeny P 5115RR	21.7	1.0	3.0	31.0	9-22
Dyna-Gro 33X55	21.2	1.0	2.5	24.0	9-21
Syngenta NK S 56-G6	20.5	1.0	1.0	16.5	9-26
Progeny P 5110RY	19.6	1.0	2.0	22.5	9-28
Terral REV 54R10	19.4	1.0	2.5	29.5	9-16
HALO 5:65	19.3	1.0	3.0	24.3	9-16
Progeny P 5310RY	17.8	4.0	3.5	34.0	9-18
Asgrow AG 5531	17.0	1.0	3.0	21.8	9-15
Terral REV 54R21	16.2	1.0	3.0	22.3	9-23
HALO 5:25	11.6	1.0	2.5	16.3	9-16

continued

TABLE 11. CONTINUED.

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group VI					
Dyna-Gro 36YR68	27.0	1.0	2.0	30.3	10-10
Progeny P 6710RY	26.1	1.5	1.0	30.8	10-10
Dyna-Gro 61N9	23.0	1.3	2.0	21.8	9-29
Progeny P 6208RR	22.9	1.0	3.0	24.3	10-2
Maturity Group VII					
Progeny P 7310RY	30.1	1.3	1.5	28.5	10-10
Dyna-Gro 35K73	26.2	1.5	2.5	29.8	10-9
Woodruff	25.0	2.3	1.5	30.3	10-15
Dyna-Gro 76N9RR	21.7	1.5	3.5	28.5	10-15
Progeny P 7208RR	20.3	1.0	1.5	26.8	10-3
Stonewall	19.4	1.3	2.5	24.0	10-9
AGS 747 RR	18.6	1.0	2.0	28.8	10-18
AGS 758 RR	16.9	1.0	1.0	22.8	10-12
Maturity Group VIII					
Pritchard RR	20.7	1.0	1.0	30.8	10-21
Au 02-2814	14.3	1.2	2.5	22.3	10-15
Trial mean	22.1	1.4	2.3	26.7	9-28
LSD(0.10)	5.8	0.5	1.1	3.5	4.2
CV (%)	25.2	34.5	43.9	12.5	1.5

TABLE 12. PERFORMANCE OF SOYBEAN VARIETIES ON VAIDEN SOIL, MARION JUNCTION, ALABAMA, THREE-YEAR SUMMARY, 2008-2010

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
----- <i>bu/acre</i> -----			- <i>inch</i> -				
Maturity Group IV							
HALO 4:94	18.5	26.0		0.5	3.0	30.0	9-28
HALO 4:65	13.6	20.0		0.9	5.0	33.8	9-27
Progeny P 4906RR	25.4			1.8	3.5	30.3	9-16
NK S 48-C9 Brand	22.7			1.3	2.5	26.0	9-25
Progeny P 4949RR	20.8			1.3	3.5	30.8	9-23
Progeny P 4920RY	20.7			2.0	3.0	27.0	9-23
Progeny P 4908RR	18.4			2.0	3.0	29.3	9-15
Progeny P 4807RR	15.6			1.8	3.0	30.5	9-21
NK S 49-A5 Brand	14.5			1.8	3.5	32.3	9-25
Progeny P 4810RY	14.5			2.0	3.5	27.8	10-4
Maturity Group V							
HALO 5:65	19.3	28.1		0.5	3.0	28.0	9-25
Dyna-Gro 33X55	21.2	27.3		0.5	2.5	26.8	9-27
HALO 5:25	11.6	25.1		0.5	2.5	20.8	9-22
Progeny P 5610RY	31.1			1.0	1.0	26.3	9-18
Terral REV 56R21	30.5			1.3	1.5	27.3	9-16
Asgrow AG 5503	29.8			1.5	2.5	31.8	9-30
Terral TV 55R15	28.8			1.8	1.5	26.3	9-18
Terral TV 55R20	26.8			2.0	2.5	27.8	9-18
Progeny P 5218RR	26.6			1.5	2.5	24.3	10-5
Terral TV 54R28	26.5			1.0	2.0	26.3	9-23
Progeny P 5650RR	26.2			1.5	1.0	27.8	9-30
Terral REV 55R21	26.2			1.0	1.5	25.0	9-26
Progeny P 5210RY	26.1			1.0	1.5	25.3	9-16
Asgrow AG 5831	25.3			1.0	1.0	21.3	9-19
Terral REV 57R21	25.2			3.0	1.5	31.8	9-24
Progeny P 5622RR	24.7			1.0	1.0	25.8	9-26
Progeny P 5706RR	24.4			1.0	1.5	22.5	9-23
Progeny P 5330RR	24.3			1.0	2.5	27.5	9-27
Asgrow AG 5606	21.8			2.5	2.0	28.8	10-2
Progeny P 5115RR	21.7			1.0	3.0	31.0	9-22
Syngenta NK S 56-G6	20.5			1.0	1.0	16.5	9-26
Progeny P 5110RY	19.6			1.0	2.0	22.5	9-28
Terral REV 54R10	19.4			1.0	2.5	29.5	9-16
Progeny P 5310RY	17.8			4.0	3.5	34.0	9-18
Asgrow AG 5531	17.0			1.0	3.0	21.8	9-15
Terral REV 54R21	16.2			1.0	3.0	22.3	9-23

continued

TABLE 12. CONTINUED.

Variety	Yield			Averages			
	2010	2-yr avg	3-yr avg	Lodging score	Shattering score	Plant height	Maturity date
	----- <i>bu/acre</i> -----					- <i>inch</i> -	
Maturity Group VI							
Dyna-Gro 36YR68	27.0			1.0	2.0	30.3	10-10
Progeny P 6710RY	26.1			1.5	1.0	30.8	10-10
Dyna-Gro 61N9	23.0			1.3	2.0	21.8	9-29
Progeny P 6208RR	22.9			1.0	3.0	24.3	10-2
Maturity Group VII							
Stonewall	19.4	25.0	29.7	1.0	1.8	31.2	10-14
Dyna-Gro 35K73	26.2	33.8		0.9	2.5	33.3	10-13
Dyna-Gro 76N9RR	21.7	28.7		1.3	3.5	34.5	10-19
Woodruff	25.0	27.7		1.3	1.5	32.5	10-15
AGS 758 RR	16.9	25.5		0.5	1.0	27.5	10-15
AGS 747 RR	18.6	22.0		0.5	2.0	31.8	10-20
Progeny P 7310RY	30.1			1.3	1.5	28.5	10-10
Progeny P 7208RR	20.3			1.0	1.5	26.8	10-3
Maturity Group VIII							
Au 02-2814	14.3	23.2		0.6	2.5	29.8	10-19
Pritchard RR	20.7	20.1		1.0	1.0	36.1	10-24
Trial mean	22.1	25.6	29.7	1.3	2.3	27.9	9-29
LSD(0.10)	4.0	2.6					
CV (%)	24.5	19.2	3.3				

TABLE 13. IRON CHLOROSIS RATING OF SOYBEAN VARIETIES ON SUMTER SOIL, MARION JUNCTION, ALABAMA, 2010†.

Cultivar	Iron Chlorosis Rating †	Cultivar	Iron Chlorosis Rating †
AGS 747 RR	9.6	Progeny P 5110RY	8.8
AGS 758 RR	8.3	Progeny P 5115RR	9.3
Asgrow AG 5503	8.6	Progeny P 5210RY	8.0
Asgrow AG 5531	6.3	Progeny P 5218RR	7.9
Asgrow AG 5606	8.0	Progeny P 5310RY	9.1
Asgrow AG 5831	6.5	Progeny P 5330RR	8.0
Au 02-2814	8.9	Progeny P 5610RY	6.4
Dyna-Gro 33X55	8.6	Progeny P 5622RR	8.8
Dyna-Gro 35K73	7.9	Progeny P 5650RR	8.0
Dyna-Gro 36YR68	7.4	Progeny P 5706RR	8.6
Dyna-Gro 61N9	7.6	Progeny P 6208RR	7.6
Dyna-Gro 76N9RR	8.1	Progeny P 6710RY	4.6
HALO 4:65	9.4	Progeny P 7208RR	7.6
HALO 4:94	9.3	Progeny P 7310RY	8.0
HALO 5:25	8.0	Stonewall	8.0
HALO 5:65	6.6	Syngenta NK S 56-G6	7.9
NK S 48-C9 Brand	9.6	Terral REV 54R10	8.4
NK S 49-A5 Brand	8.8	Terral REV 54R21	8.5
Pritchard RR	8.6	Terral REV 55R21	8.9
Progeny P 4807RR	9.9	Terral REV 56R21	8.4
Progeny P 4810RY	8.8	Terral REV 57R21	9.1
Progeny P 4906RR	9.4	Terral TV 54R28	8.6
Progeny P 4908RR	8.6	Terral TV 55R15	7.5
Progeny P 4920RY	7.1	Terral TV 55R20	8.5
Progeny P 4949RR	9.4	Woodruff	8.9
		Trial mean	8.4

† The trial was not harvested for yield

‡ Iron chlorosis ratings made on July 10, 2010. 1 = no chlorosis; 10 = plants losing leaves due to necrotic spots on leaves.

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TABLE 14. PERFORMANCE OF SOYBEAN VARIETIES AT FAIRHOPE, ALABAMA, 2010.

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
Progeny P 4920RY	52.7	2.3	2.3	32.2	8-31
Progeny P 4906RR	50.0	2.3	3.3	33.7	8-29
Progeny P 4949RR	49.6	2.0	2.8	35.0	8-27
NK S 48-C9 Brand	48.9	2.3	2.0	33.0	9-2
Progeny P 4908RR	48.8	1.8	3.0	33.5	8-28
HALO 4:94	48.5	1.5	3.7	31.8	8-25
Progeny P 4807RR	47.4	2.8	3.3	34.2	8-31
NK S 49-A5 Brand	46.8	3.0	2.8	37.5	8-28
HALO 4:65	46.5	1.8	2.8	31.0	8-30
Progeny P 4810RY	44.7	2.0	3.5	30.0	8-26
Maturity Group V					
Asgrow AG 5831	62.5	1.5	1.5	27.2	8-26
MorSoy RT 5688N	62.5	2.8	1.5	32.0	8-27
HALO 5:25	62.4	1.0	1.8	23.5	9-2
Progeny P 5610RY	59.8	2.5	2.3	32.2	8-30
Terral TV 55R20	59.4	3.5	1.8	33.5	8-30
Progeny P 5622RR	59.3	2.0	1.0	31.8	8-27
Terral TV 55R15	59.3	3.3	1.0	33.7	8-26
Terral REV 56R21	58.6	2.5	1.8	33.7	8-19
MorSoy RT 5429N	58.5	2.3	1.3	31.2	8-22
Progeny P 5706RR	58.4	2.5	1.0	32.2	8-28
Progeny P 5218RR	58.1	2.5	2.0	30.8	8-30
Progeny P 5650RR	57.8	2.8	1.3	35.5	8-26
Terral REV 55R21	57.8	2.3	1.5	30.0	8-26
MorSoy RT 5388N	56.4	2.0	2.5	28.7	8-25
Terral REV 57R21	56.2	3.3	1.3	36.0	9-1
Progeny P 5210RY	56.0	2.0	1.5	29.5	8-31
HALO 5:65	55.8	1.8	1.8	27.8	8-27
Terral REV 54R21	55.6	1.5	2.8	29.8	8-24
Syngenta NK S 56-G6	55.4	1.3	1.5	23.8	8-26
Dyna-Gro 33X55	54.7	1.5	1.8	30.5	8-25
Progeny P 5330RR	54.2	3.0	3.0	31.8	9-1
Progeny P 5115RR	54.0	2.5	3.0	42.2	8-21
Terral TV 54R28	54.0	3.0	2.3	32.7	9-2
Terral REV 54R10	52.0	2.5	1.8	35.0	8-26
Progeny P 5310RY	50.0	3.8	2.0	40.2	8-27
Progeny P 5110RY	49.8	1.0	2.0	27.2	8-27

continued

TABLE 14. CONTINUED.

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group VI					
Asgrow AG 6931	62.5	2.8	1.0	35.0	8-30
Progeny P 6710RY	62.2	1.8	1.0	29.8	9-3
Dyna-Gro 36YR68	60.7	1.3	1.0	30.2	8-30
Asgrow AG 6130	59.7	1.8	1.0	31.8	8-29
Asgrow AG 6031	57.8	1.8	2.3	30.0	8-26
Asgrow AG 6730	57.6	1.8	1.0	29.8	8-26
Dyna-Gro 61N9	57.5	1.5	1.3	28.2	8-29
Progeny P 6208RR	53.1	2.8	1.5	31.8	8-29
Maturity Group VII					
Progeny P 7310RY	68.3	2.0	1.0	31.0	8-27
Asgrow AG 7231	65.2	2.0	1.0	29.8	8-24
Dyna-Gro 76N9RR	63.8	2.8	1.0	38.2	8-22
Dyna-Gro 35K73	61.3	3.0	1.0	38.2	9-3
Progeny P 7208RR	58.8	2.0	1.3	33.7	8-22
AGS 747 RR	56.8	1.3	1.0	32.0	8-28
AGS 758 RR	55.3	2.3	1.0	30.8	8-22
Stonewall	54.3	2.0	1.0	29.0	8-28
Woodruff	54.0	4.5	1.0	32.5	8-23
Maturity Group VIII					
Au 02-2814	53.7	3.0	1.2	32.0	8-29
Pritchard RR	51.0	3.5	1.0	40.2	8-28
Trial mean	55.9	2.3	1.8	32.2	8-27
LSD(0.10)	4.4	0.5	0.6	3.3	7.5
CV (%)	7.5	22.4	31.5	9.9	3.0

TABLE 15. PERFORMANCE OF SOYBEAN VARIETIES AT FAIRHOPE, ALABAMA, THREE-YEAR SUMMARY, 2008-2010.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
----- bu/acre -----			- inch -				
Maturity Group IV							
HALO 4:94	48.5	51.8		2.3	3.4	35.1	9-13
HALO 4:65	46.5	49.3		2.4	2.5	34.5	9-15
Progeny P 4949RR	49.6	46.6		2.9	2.5	39.0	9-12
Progeny P 4920RY	52.7			2.3	2.3	32.3	8-31
Progeny P 4906RR	50.0			2.3	3.3	33.8	8-29
NK S 48-C9 Brand	48.9			2.3	2.0	33.0	9-2
Progeny P 4908RR	48.8			1.8	3.0	33.5	8-28
Progeny P 4807RR	47.4			2.8	3.3	34.3	8-31
NK S 49-A5 Brand	46.8			3.0	2.8	37.5	8-28
Progeny P 4810RY	44.7			2.0	3.5	30.0	8-26
Maturity Group V							
Dyna-Gro 33X55	54.7	54.9	51.1	2.3	1.8	34.4	9-19
HALO 5:25	62.4	63.7		1.8	1.5	27.8	9-21
Progeny P 5622RR	59.3	60.7		2.3	1.5	33.5	9-19
Progeny P 5218RR	58.1	58.3		2.8	1.9	31.0	9-18
Progeny P 5706RR	58.4	57.8		2.6	1.6	34.8	9-20
MorSoy RT 5388N	56.4	57.6		2.3	2.1	31.0	9-14
HALO 5:65	55.8	57.3		2.3	1.9	31.0	9-20
Progeny P 5650RR	57.8	55.3		3.0	1.5	35.6	9-17
Asgrow AG 5831	62.5			1.5	1.5	27.3	8-26
MorSoy RT 5688N	62.5			2.8	1.5	32.0	8-27
Progeny P 5610RY	59.8			2.5	2.3	32.3	8-30
Terral TV 55R20	59.4			3.5	1.8	33.5	8-30
Terral TV 55R15	59.3			3.3	1.0	33.8	8-26
Terral REV 56R21	58.6			2.5	1.8	33.8	8-19
MorSoy RT 5429N	58.5			2.3	1.3	31.3	8-22
Terral REV 55R21	57.8			2.3	1.5	30.0	8-26
Terral REV 57R21	56.2			3.3	1.3	36.0	9-1
Progeny P 5210RY	56.0			2.0	1.5	29.5	8-31
Terral REV 54R21	55.6			1.5	2.8	29.8	8-24
Syngenta NK S 56-G6	55.4			1.3	1.5	23.8	8-26
Progeny P 5330RR	54.2			3.0	3.0	31.8	9-1
Progeny P 5115RR	54.0			2.5	3.0	42.3	8-21
Terral TV 54R28	54.0			3.0	2.3	32.8	9-2
Terral REV 54R10	52.0			2.5	1.8	35.0	8-26
Progeny P 5310RY	50.0			3.8	2.0	40.3	8-27
Progeny P 5110RY	49.8			1.0	2.0	27.3	8-27

continued

TABLE 15. CONTINUED.

Variety	Yield			Averages			
	2010	2-yr avg	3-yr avg	Lodging score	Shattering score	Plant height	Maturity date
	----- bu/acre -----					- inch -	
Maturity Group VI							
Progeny P 6208RR	53.1	52.0		2.9	1.4	35.3	9-22
Asgrow AG 6931	62.5			2.8	1.0	35.0	8-30
Progeny P 6710RY	62.2			1.8	1.0	29.8	9-3
Dyna-Gro 36YR68	60.7			1.3	1.0	30.3	8-30
Asgrow AG 6130	59.7			1.8	1.0	31.8	8-29
Asgrow AG 6031	57.8			1.8	2.3	30.0	8-26
Asgrow AG 6730	57.6			1.8	1.0	29.8	8-26
Dyna-Gro 61N9	57.5			1.5	1.3	28.3	8-29
Maturity Group VII							
AGS 758 RR	55.3	55.2	50.2	2.7	1.0	36.6	9-28
Stonewall	54.3	51.9	44.7	2.9	1.2	34.0	9-29
Dyna-Gro 76N9RR	63.8	61.5		2.9	1.0	36.9	9-23
Progeny P 7208RR	58.8	59.1		2.4	1.4	33.8	9-21
AGS 747 RR	56.8	55.5		1.3	1.0	36.8	9-26
Woodruff	54.0	51.8		3.5	1.0	34.4	9-19
Progeny P 7310RY	68.3			2.0	1.0	31.0	8-27
Asgrow AG 7231	65.2			2.0	1.0	29.8	8-24
Dyna-Gro 35K73	61.3			3.0	1.0	42.3	9-24
Maturity Group VIII							
Au 02-2814	53.7	55.9	50.5	3.1	1.1	37.1	10-5
Pritchard RR	51.0	47.2	41.0	3.6	1.0	38.9	10-5
Trial mean	55.9	55.2	47.5	2.4	1.8	33.2	9-6
LSD(0.10)	2.9	2.5	2.0				
CV (%)	7.0	8.4	9.5				

TABLE 16. PERFORMANCE OF SOYBEAN VARIETIES AT BREWTON, ALABAMA, 2010.

Variety	Yield - bu/acre -	Lodging score	Shattering score	Plant height - inches -	Maturity date
Maturity Group IV					
NK S 49-A5 Brand	48.0	1.3	1.7	41.0	8-23
HALO 4:94	45.5	1.0	5.0	34.3	9-1
UA 4805	42.3	1.0	3.3	23.0	8-27
Progeny P 4906RR	41.8	1.0	3.3	34.0	8-27
UA 4910	40.2	1.0	1.7	30.3	8-26
Progeny P 4949RR	39.2	1.3	6.7	36.3	8-30
HALO 4:65	39.2	1.0	10.0	32.3	9-1
Progeny P 4807RR	37.9	1.7	6.7	33.3	8-28
Progeny P 4920RY	35.8	2.3	6.7	33.7	8-28
NK S 48-C9 Brand	35.6	1.3	1.7	32.3	9-4
Progeny P 4908RR	31.2	1.3	16.7	31.7	8-28
Progeny P 4810RY	25.6	1.0	16.7	28.0	8-21
Maturity Group V					
Asgrow AG 5831	59.7	1.0	-0.0	22.3	8-31
Progeny P 5706RR	55.6	1.0	-0.0	29.3	8-27
Terral TV 55R20	55.0	1.0	0.0	30.7	8-30
Progeny P 5210RY	54.1	1.0	-0.0	28.7	8-30
Terral REV 57R21	54.0	1.0	-0.0	33.7	8-29
HALO 5:65	53.8	1.0	-0.0	27.7	9-1
Terral REV 56R21	53.6	1.0	0.0	26.7	8-25
Terral TV 55R15	53.5	1.0	0.0	30.7	8-24
Progeny P 5650RR	53.2	1.0	0.0	33.3	8-29
Progeny P 5610RY	51.3	1.0	-0.0	26.3	8-25
Ozark	51.3	1.0	0.0	24.3	8-30
Syngenta NK S 56-G6	51.2	1.0	0.0	21.3	8-28
Terral REV 55R21	51.1	1.0	0.0	24.3	9-2
Progeny P 5622RR	50.6	1.0	0.0	28.7	8-28
HALO 5:25	49.3	1.0	1.7	23.0	8-28
Progeny P 5218RR	47.2	1.0	-0.0	25.7	8-23
Progeny P 5110RY	45.9	1.0	0.0	25.0	9-1
Progeny P 5330RR	45.6	1.0	10.0	29.0	8-31
Terral REV 54R21	45.5	1.0	5.0	25.0	8-21
Terral REV 54R10	44.9	1.0	3.3	30.3	8-30
Progeny P 5115RR	40.9	1.0	11.7	36.7	8-30
Terral TV 54R28	40.6	1.0	8.3	29.0	8-30
Osage	38.4	1.0	3.3	22.7	8-26
Progeny P 5310RY	37.4	3.0	1.7	41.7	8-26

continued

TABLE 16. CONTINUED.

Variety	Yield	Lodging score	Shattering score	Plant height	Maturity date
	- bu/acre -			- inches -	
Maturity Group VI					
Asgrow AG 6931	46.8	1.0	-0.0	29.3	8-29
Asgrow AG 6730	43.6	1.0	3.3	28.3	9-2
Asgrow AG 6130	41.4	1.0	-0.0	28.3	8-31
Progeny P 6710RY	40.5	1.0	-0.0	29.3	8-27
Asgrow AG 6031	35.1	1.0	10.0	27.0	8-30
Progeny P 6208RR	24.7	1.0	6.7	27.0	8-30
Maturity Group VII					
Progeny P 7310RY	54.8	1.0	-0.0	27.7	9-2
Woodruff	51.5	1.0	-0.0	32.0	8-29
Asgrow AG 7231	43.6	1.0	-0.0	28.0	8-22
AGS 758 RR	43.0	1.0	-0.0	29.0	8-28
Stonewall	39.1	1.0	-0.0	30.7	8-28
Progeny P 7208RR	36.6	1.0	3.3	28.3	8-27
AGS 747 RR	32.5	1.0	-0.0	28.0	8-23
Maturity Group VIII					
Pritchard RR	43.5	1.0	-0.0	37.0	8-29
Au 02-2814	42.7	1.0	0.0	35.3	8-27
Trial mean	44.4	1.1	2.9	29.6	8-28
LSD(0.10)	6.3	0.3	2.9	2.2	6.7
CV (%)	13.5	28.3	94.3	7.1	2.7

TABLE 17. PERFORMANCE OF SOYBEAN VARIETIES AT BREWTON, ALABAMA, THREE-YEAR SUMMARY, 2008-2010.

Variety	Yield			Lodging score	Shattering score	Plant height	Maturity date
	2010	2-yr avg	3-yr avg				
	----- bu/acre -----					- inch -	
Maturity Group IV							
HALO 4:94	45.5	51.1		1.0	2.1	32.6	9-16
HALO 4:65	39.2	46.0		1.0	4.3	30.4	9-14
Progeny P 4949RR	39.2	41.4		1.1	2.9	32.7	9-14
NK S 49-A5 Brand	48.0			1.3	1.7	41.0	8-23
UA 4805	42.3			1.0	3.3	23.0	8-27
Progeny P 4906RR	41.8			1.0	3.3	34.0	8-27
UA 4910	40.2			1.0	1.7	30.3	8-26
Progeny P 4807RR	37.9			1.7	6.7	33.3	8-28
Progeny P 4920RY	35.8			2.3	6.7	33.7	8-28
NK S 48-C9 Brand	35.6			1.3	1.7	32.3	9-4
Progeny P 4908RR	31.2			1.3	16.7	31.7	8-28
Progeny P 4810RY	25.6			1.0	16.7	28.0	8-21
Maturity Group V							
Ozark	51.3	54.5	51.2	1.0	0.0	26.1	9-21
Terral TV 55R15	53.5	56.9		1.0	0.0	29.6	9-16
HALO 5:65	53.8	56.6		1.0	0.0	25.3	9-20
Progeny P 5706RR	55.6	54.9		1.0	0.0	26.3	9-19
Progeny P 5650RR	53.2	54.9		1.0	0.0	28.6	9-21
Progeny P 5622RR	50.6	53.8		1.0	0.0	26.1	9-20
HALO 5:25	49.3	53.5		1.0	0.7	20.3	9-17
Progeny P 5218RR	47.2	50.3		1.0	0.0	23.4	9-15
Terral TV 54R28	40.6	47.3		1.0	3.6	27.0	9-17
Osage	38.4	44.4		1.0	1.4	21.1	9-16
Asgrow AG 5831	59.7			1.0	0.0	22.3	8-31
Terral TV 55R20	55.0			1.0	0.0	30.7	8-30
Progeny P 5210RY	54.1			1.0	0.0	28.7	8-30
Terral REV 57R21	54.0			1.0	0.0	33.7	8-29
Terral REV 56R21	53.6			1.0	0.0	26.7	8-25
Progeny P 5610RY	51.3			1.0	0.0	26.3	8-25
Syngenta NK S 56-G6	51.2			1.0	0.0	21.3	8-28
Terral REV 55R21	51.1			1.0	0.0	24.3	9-2
Progeny P 5110RY	45.9			1.0	0.0	25.0	9-1
Progeny P 5330RR	45.6			1.0	10.0	29.0	8-31
Terral REV 54R21	45.5			1.0	5.0	25.0	8-21
Terral REV 54R10	44.9			1.0	3.3	30.3	8-30
Progeny P 5115RR	40.9			1.0	11.7	36.7	8-30
Progeny P 5310RY	37.4			3.0	1.7	41.7	8-26

continued

TABLE 17. CONTINUED.

Variety	Yield			Averages			
	2010	2-yr avg	3-yr avg	Lodging score	Shattering score	Plant height	Maturity date
Maturity Group VI							
Progeny P 6208RR	24.7	39.6		1.0	2.9	26.7	9-21
Asgrow AG 6931	46.8			1.0	0.0	29.3	8-29
Asgrow AG 6730	43.6			1.0	3.3	28.3	9-2
Asgrow AG 6130	41.4			1.0	0.0	28.3	8-31
Progeny P 6710RY	40.5			1.0	0.0	29.3	8-27
Asgrow AG 6031	35.1			1.0	10.0	27.0	8-30
Maturity Group VII							
AGS 758 RR	43.0	47.1	46.7	1.1	0.0	29.8	10-1
Stonewall	39.1	45.4	43.9	1.0	0.0	31.4	9-29
Woodruff	51.5	52.2		1.0	0.0	29.3	9-24
Progeny P 7208RR	36.6	44.0		1.0	1.4	26.9	9-22
AGS 747 RR	32.5	39.6		1.0	0.0	27.9	9-22
Progeny P 7310RY	54.8			1.0	0.0	27.7	9-2
Asgrow AG 7231	43.6			1.0	0.0	28.0	8-22
Maturity Group VIII							
Au 02-2814	42.7	49.3	46.1	1.1	0.0	35.4	10-4
Pritchard RR	43.5	46.8	44.2	1.2	0.0	39.7	10-5
Trial mean	44.4	49.0	46.4	1.1	2.4	29.1	9-7
LSD(0.10)	4.1	2.6	2.1				
CV (%)	12.2	9.9	10.5				

TABLE 18. CULTURAL PRACTICES FOR SOYBEAN VARIETY TESTS IN 2010.

Location	Type of test	Date planted	Row width	Herbicide used	Fertilizer applied
			- inches -		
Belle Mina	Group IV	April 28	30	Treflan, Valor	none recommended
	Group IV-V	May 19	30	Treflan, Valor	none recommended
	Group VI-VII	May 20	30	Treflan, Valor	none recommended
Crossville	Group IV	April 22	30	Dual, FirstRate	none recommended
	Group IV-V	May 20	30	Valor	none recommended
	Group VI-VII	June 11	30	Valor, Select	none recommended
Tallassee	Group IV	April 27	30	None	none recommended
Shorter	Standard	May 12	36	Dual, Prowl	none recommended
Marion Junction	Standard (Sumter)	May 20	36	None	none recommended
	Standard (Vaiden)	May 20	36	None	none recommended
Brewton	Standard	May 24	36	Dual	none recommended
Fairhope	Standard	June 14	38	Dual, Reflex	none recommended

TABLE 19. SOIL TYPES FOR SOYBEAN TESTS, 2010.

Location	Soil Type
Belle Mina	Emory silt loam
Crossville	Wynnville 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 20. RAINFALL AT TEST LOCATIONS DURING GROWING SEASON, 2010.

Month	Days	Belle Mina	Crossville	Shorter	Tallassee	Marion	Brewton	Fairhope
						Junction		
----- inches -----								
May	1-5	2.4	2.4	2.8	2.4	2.6	3.0	2.3
	6-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	11-15	0.2	0.4	0.0	0.0	0.0	0.0	0.0
	16-20	1.5	0.5	1.5	1.3	0.3	2.7	2.8
	21-25	0.7	1.5	0.1	0.3	1.5	0.0	0.0
	26-31	1.4	0.9	2.8	4.0	1.3	0.7	1.9
June	1-5	0.2	0.1	0.8	0.4	0.7	0.5	1.2
	6-10	1.3	0.6	0.0	0.1	0.0	0.4	1.5
	11-15	0.0	0.0	0.1	0.1	0.0	0.1	0.0
	16-20	1.2	0.3	0.2	0.1	0.8	0.5	1.0
	21-25	0.0	0.0	0.8	0.1	0.2	0.6	0.5
	26-31	0.0	2.0	1.9	0.5	0.3	0.0	0.8
July	1-5	0.0	0.0	0.0	0.2	0.5	1.1	0.4
	6-10	0.3	0.0	0.2	0.3	0.8	0.3	0.2
	11-15	1.0	0.4	0.3	0.4	0.0	1.6	0.1
	16-20	0.1	0.3	1.0	0.1	1.2	0.0	0.3
	21-25	0.0	0.0	0.1	0.9	0.0	0.1	0.8
	26-31	2.8	0.0	1.3	0.1	1.7	1.5	0.5
August	1-5	0.0	0.4	0.1	0.0	0.0	3.0	1.9
	6-10	0.0	0.0	0.0	0.0	1.3	2.0	0.2
	11-15	0.1	0.2	2.6	7.3	0.5	1.7	0.6
	16-20	0.3	0.3	0.3	1.1	0.2	2.6	3.3
	21-25	0.2	0.5	0.6	0.2	0.8	0.6	1.6
	26-31	0.8	0.4	0.6	0.3	1.5	0.7	2.7
September	1-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6-10	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	11-15	0.0	0.1	0.0	0.1	0.4	0.1	2.4
	16-20	0.0	0.0	0.1	0.1	0.0	0.0	0.0
	21-25	0.6	0.0	0.0	0.0	0.0	0.0	0.3
	26-31	1.2	1.4	1.5	2.1	1.0	0.8	3.6
October	1-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	11-15	0.4	0.0	0.3	0.2	0.6	0.0	0.0
	16-20	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	21-25	3.5	1.5	0.1	0.2	0.7	0.9	0.4
	26-31	1.6	1.8	1.2	1.1	2.0	0.7	1.3

TABLE 21. ENTRIES AND SOURCES OF SEED FOR SOYBEAN TESTS, 2010.

Source	Entry
AG South Genetics, LLC Albany, Georgia	AGS brand varieties Prichard RR, Woodruff
Alabama Crop Imp. Assoc. Auburn, Alabama	Stonewall
Auburn University Auburn, Alabama	Au 02-2814
Cache River Valley Seed, LLC Cash, Arkansas	MorSoy brand varieties
Croplan Genetics/Land O' Lakes Elkmont, Alabama	Croplan Genetics
Crop Production Services Leland, Mississippi	Dyna-Gro brand varieties
Monsanto St. Louis, Missouri	Asgrow AG brand varieties,
Progeny Ag Products Wynne, Arkansas	Progeny brand varieties
Stratton Seed Co. Stuttgart, Arkansas	Schillinger brand varieties
Southern States Coop. Richmond, Virginia	SS RT & LL brand varieties
Syngenta/NK Brand Seed Minnetonka, Minnesota	NK S brand varieties
Terral Seed, Inc. Lake Providence, Louisiana	Terral TV and REV brand varieties
UniSouth Genetics, Inc. Nashville, Tennessee	USG brand varieties Allen
University of Arkansas Fayetteville, Arkansas	UA 4805, UA 4910, Osage, Ozark
US Seeds De Witt, Arkansas	HALO brand varieties