

Table 1. Summary of Yields for Maturity Group IV Conventional for the 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Longwood Irr. (Delta) <i>bu/A</i>	Brooksville Non. Irr. (Hills) <i>bu/A</i>	Overall Average <i>bu/A</i>
MPG	483C	51.6	55.3	53.5
Univ. of Arkansas	<i>R05-3239</i>	46.3	52.5	49.4
Univ. of Arkansas	<i>R08-2797</i>	36.5	50.5	43.5
Univ. of Arkansas	<i>R09-4571</i>	37.1	55.5	46.3
Univ. of Missouri	<i>S09-6262</i>	42.0	51.5	46.8
Univ. of Missouri	<i>S11-20356</i>	53.9	64.4	59.2
USG	Ellis	44.2	53.6	48.9
Mean		44.5	54.8	49.7
LSD		9	7	
Error df		12	12	
CV		13.8	8.8	
R sq		67.4	62.2	
¹ Variety in italics denotes an experimental entry				

Table 2. Summary of Yields for Maturity Group V Conventional for the 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Longwood	Brooksville	Overall
		Irr. (Delta)	Non. Irr. (Hills)	Average
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
Stratton Seed	Leland	55.9	50.3	53.1
Univ. of Arkansas	<i>R05-374</i>	45.4	50.4	47.9
Univ. of Arkansas	Osage	51.5	44.5	48.0
Univ. of Arkansas	Ozark	49.5	45.6	47.5
Univ. of Arkansas	<i>R09-430</i>	45.9	53.4	49.6
Univ. of Arkansas	UA	47.4	48.4	47.9
Univ. of Arkansas	5213C	59.5	50.5	55.0
Univ. of Arkansas	UA	64.5	49.4	57.0
Univ. of Missouri	5612	55.7	56.7	56.2
Univ. of Missouri	<i>S11-20124</i>			
USDA-ARS	<i>JTN-5110</i>			
Mean		52.8	49.9	51.4
LSD		9.5	7.2	
Error df		16	16	
CV		12.6	10.1	
R sq		67.6	50.7	

¹ Variety in italics denotes an experimental entry	

	<i>RY</i>							0					9	
Progeny	P4613	81.0	71.3	48.3	79.0	67.1	93.0	73.	57.1	62.3	61.2	94.8	68.	
	<i>RYS</i>							3					8	71.5
REV®	46R64T	67.6	78.9	44.9	80.1	66.2	81.9	69.	50.0	57.0	58.1	80.1	61.	
	<i>™</i>							9					3	66.5
Steyer	4303R2	72.7	74.9	46.9	76.6	68.2	92.0	71.	55.2	58.8	52.5	84.6	62.	
	<i>74F24R</i>							9					8	68.2
USG	S	67.5	80.7	45.4	75.7	67.3	92.4	71.	57.4	54.8	53.7	84.0	62.	
	<i>74F53R</i>							5					5	67.9
USG		66.6	60.7	48.8	71.4	65.1	84.4	66.	45.0	62.5	55.0	72.0	58.	
								2					6	63.1
Mean		74	71.3	54.6	78	65.9	87.4	70.					64.	
LSD (.10)		10.1	11.5	10.1	5	7.8	9.8	3	54.2	64.5	56.9	84	9	68.1
Error df		64	64	64	64	64	64		6.5	13.6	10.9	13.2		
CV		10	11.8	16.4	4.6	8.7	8.1		6.5	6.4	6.4	6.4		
R sq		65.7	50	67	73.3	50.3	51.5		6.5	15.5	14.1	11.5		
									61.3	54.4	60.9	64.3		
¹ Variety in italics denotes an experimental entry														

Table 4. Summary of Yields for Maturity Group IV Late Roundup Ready for the 2014 Mississippi Soybean Variety Trials.

Hornbeck	CZ 4959RY	60.3	53.1	42.4	70.0	62.8	69.7	59.7	49.9	72.0	63.6	81.6	66.8	62.5
	HBK	63.9	69.6	41.0	78.3	70.4	69.3	65.4	50.3	75.0	59.5	84.5	67.3	66.2
Hornbeck	RY4721							4						
Morsoy		75.5	61.0	52.7	75.1	76.5	84.0	70.8	60.9	84.7	73.7	79.6	74.8	72.4
Xtra	47X12							8						
Morsoy		79.9	68.5	49.5	81.7	82.4	85.7	74.6	59.4	75.5	70.7	74.4	70.0	72.8
Xtra	48X02							6						
Morsoy		62.8	54.6	58.6	75.9	62.5	78.5	65.5	54.6	75.9	68.3	72.0	67.7	66.4
Xtra	48X34							5						
Morsoy		72.7	45.3	51.8	75.5	78.3	84.1	67.9	59.8	79.9	65.1	81.8	71.6	69.4
Xtra	49X54							9						
MPG	MPG 4714	62.1	74.8	50.6	73.3	68.4	73.7	67.2	56.3	77.0	56.6	92.9	70.7	68.6
	NRR							2						
Mycogen		75.8	65.8	51.5	81.1	79.5	85.5	73.2	54.6	73.9	58.5	81.3	67.1	70.8
	5N478R2							2						
Mycogen		73.6	86.2	43.9	86.9	76.7	84.6	75.3	60.0	78.0	64.4	78.9	70.3	73.3
	5N479R2							3						
Mycogen	MYCX	73.3	55.1	47.0	79.9	73.6	78.7	67.9	62.2	86.9	69.2	83.8	75.5	71.0
	54490 NR2							9						
NK Brand		78.8	54.0	49.2	72.9	81.5	79.3	69.3	59.1	81.1	70.8	80.0	72.7	70.7
	S47-K5							3						
Progeny		54.5	68.0	45.1	78.8	70.1	68.9	64.2	52.4	79.9	67.3	82.7	70.6	66.8
	P4747RY							2						
Progeny		78.3	57.0	49.1	83.3	81.3	90.4	73.2	56.9	76.0	71.1	95.3	74.8	73.9
	P4788RY							2						
Progeny		80.0	55.8	63.4	72.5	72.3	89.0	72.2	56.3	72.5	68.4	71.5	67.2	70.2
	P4848RYS							2						
Progeny		71.4	66.4	45.7	76.3	75.6	82.8	69.7	59.0	82.4	69.0	74.9	71.3	70.4
	P4850RYS							7						
Progeny		77.7	55.3	51.1	78.0	71.6	87.0	70.1	54.5	70.2	67.9	77.4	67.5	69.1
	P4900RY							1						
REV®		77.6	79.7	46.2	80.6	81.9	75.2	73.6	65.9	74.0	66.1	102.0	77.0	74.9
	47R34™							6						
REV®		67.7	73.0	53.0	79.4	78.8	75.8	71.3	62.1	74.2	64.9	94.0	73.8	72.3
	47R53™							3						
REV®		68.7	71.2	42.8	75.5	74.1	76.4	68.1	49.8	73.5	60.1	87.4	67.7	67.9
	48R22™							1						
REV®		61.6	64.8	50.8	80.8	74.6	82.1	69.1	58.0	74.5	65.8	98.3	74.1	71.1
	48R44™							1						
REV®		71.3	71.2	54.9	82.2	73.5	80.8	72.3	56.5	74.6	57.2	90.2	69.6	71.2
	49R94™							3						
REV®		74.3	73.2	52.9	72.0	70.6	82.1	70.9	54.0	91.2	74.7	70.9	72.7	71.6
	49A55™							9						
USG		72.9	64.4	34.8	79.2	84.5	74.3	68.3	58.1	81.6	66.5	91.5	74.4	70.8
	74B83R							3						
USG		69.6	47.9	44.8	67.9	68.9	75.4	62.4	50.6	71.2	55.4	69.6	61.7	62.1
	74B94RS							4						
Mean		71.5	64	50.4	77.1	74	81		55.2	77.5	66	80	69.8	69.7
LSD		7.6	11.9	8.4	5.7	11.7	8		6.9	11	7.8	14.2		
Error df		104	104	104	104	104	104		104	104	104	104		
CV		7.9	13.7	12.4	5.5	7.7	7.3		9.2	10.5	8.8	13		
R sq		70.9	68	68.4	61.7	55.6	61.5		67.1	46.5	73.4	60.8		
													69	
													.8	69.7

¹Variety in italics denotes an experimental entry

Table 5. Summary of Yields for Maturity Group V Early Roundup Ready for the 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Clarksdale Irr.	Longwood Irr.	Stoneville Irr. (clay)	Stoneville Irr. (loam)	Delta Avg.	Brooksville Non. Irr.	Falkner Non. Irr.	Olive Branch Non. Irr.	Raymond Non. Irr.	Hills Avg.	Overall Average
		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A
Armor	50-R44	66.5	55.8	70.2	78.7	67.8	43.8	53.1	62.2	71.7	57.7	62.7
Armor	51-R50	78.4	62.8	78.7	90.2	77.5	49.8	43.2	75.4	79.0	61.8	69.7
Armor	53-R16	77.1	63.1	82.5	84.9	76.9	52.5	70.8	80.5	71.5	68.8	72.9
Armor	AX4500	76.3	49.4	71.2	85.1	70.5	51.9	68.9	69.1	82.5	68.1	69.3
Armor	AX4520	72.6	61.9	82.8	90.1	76.8	56.8	63.9	76.0	83.2	70.0	73.4
Asgrow	AG 5335	81.2	60.9	77.4	85.0	76.1	43.8	58.0	68.7	63.8	58.6	67.4
Asgrow	AG 5535	78.5	73.7	83.8	86.6	80.6	52.3	64.5	79.2	86.9	70.7	75.7
Asgrow	AG5233	64.8	45.3	74.6	74.2	64.7	38.3	55.5	60.6	67.5	55.5	60.1
Asgrow	AG5332	71.8	49.5	76.4	91.4	72.3	54.4	41.3	61.4	75.4	58.1	65.2
Asgrow	AG5533	82.6	68.6	88.2	97.5	84.2	50.0	81.6	79.6	67.6	69.7	77.0
Croplan	R2C 5081	83.6	71.3	82.4	91.4	82.2	55.4	79.5	73.9	75.6	71.1	76.6
Delta Grow	DG 5230 RR2	73.3	65.6	85.2	90.1	78.5	59.9	59.9	70.6	79.2	67.4	73.0
Delta Grow	DG 5475RR2	61.7	49.1	77.0	78.8	66.7	48.7	67.4	60.9	63.2	60.1	63.4
Delta Grow	DG 5480RR2	78.7	51.9	87.0	90.2	77.0	48.0	70.6	72.7	58.7	62.5	69.7
Delta Grow	DG 5556RR	80.9	72.8	78.4	82.9	78.8	50.8	64.9	82.8	76.7	68.8	73.8
Delta Grow	DG 5575RR2	50.8	65.5	81.4	84.9	70.6	53.0	68.3	63.0	64.1	62.1	66.4
Dyna-Gro	32RY55	76.6	65.4	82.6	80.5	76.3	58.0	64.2	86.1	73.0	70.3	73.3
Dyna-Gro	S52RY75	79.5	50.0	87.4	95.5	78.1	59.4	66.3	70.4	65.4	65.4	71.8
Dyna-Gro	S54RY43	72.1	54.0	79.6	84.2	72.5	50.8	71.9	70.1	71.4	66.1	69.3
Dyna-Gro	S56RY84	74.4	72.0	89.1	93.1	82.2	51.5	72.8	78.1	74.0	69.1	75.6
Great Heart Seed	GT-500CR2S	68.7	40.1	69.3	75.6	63.4	49.5	42.4	66.1	78.1	59.0	61.2
Great Heart Seed	GT516CR2	82.4	56.7	78.9	85.3	75.8	54.0	62.5	65.0	59.2	60.2	68.0

Hornbeck	HBK RY5221	76.6	53.8	75.4	77.9	70.9	44.6	61.9	63.1	68.5	59.5	65.2
Hornbeck	HBK RY5421	78.1	56.6	84.6	88.8	77.0	43.2	69.2	67.9	76.4	64.2	70.6
Morsoy Xtra	51X31	82.3	61.0	84.3	88.1	78.9	52.2	67.3	72.0	76.1	66.9	72.9
Morsoy Xtra	53X82	77.2	65.9	82.7	82.3	77.0	51.5	69.5	65.1	56.8	60.7	68.9
Morsoy Xtra	54X41	83.5	69.1	81.9	82.0	79.1	49.3	61.3	75.8	63.1	62.4	70.7
Morsoy Xtra	56X02	75.2	79.1	72.5	81.6	77.1	46.1	73.5	72.9	43.6	59.0	68.1
MPG	5214NRR	77.8	73.8	78.9	84.8	78.8	43.0	71.9	70.6	62.3	62.0	70.4
MPG	5314 NRR	53.5	52.8	70.9	70.4	61.9	50.5	49.0	65.3	69.9	58.7	60.3
Mycogen	5N540R2	71.4	44.5	68.5	80.4	66.2	52.3	63.3	72.8	64.4	63.2	64.7
Mycogen	5N550R2	81.7	71.1	90.9	88.2	83.0	52.2	64.4	83.2	70.3	67.5	75.3
Mycogen	MYCX54522 NR2	78.8	65.1	85.5	90.9	80.1	55.5	64.8	70.2	75.6	66.5	73.3
NK Brand	S51-C5	62.3	61.8	70.9	77.0	68.0	50.5	74.4	65.1	54.8	61.2	64.6
NK Brand	S52-Y2	70.3	47.2	70.7	84.6	68.2	52.6	68.4	72.7	69.0	65.7	66.9
NK Brand	S55-Q3	83.0	86.0	85.8	92.2	86.7	58.5	70.1	78.8	92.9	75.1	80.9
Progeny	P5213RY	53.9	49.9	71.1	82.4	64.3	49.3	55.5	59.1	64.1	57.0	60.7
Progeny	P5333RY	82.4	58.0	73.2	84.7	74.6	48.6	67.0	70.6	79.0	66.3	70.4
Progeny	P5555RY	85.9	76.0	86.1	88.8	84.2	54.5	63.7	74.0	76.0	67.1	75.6
Progeny	P5610RY	83.4	63.4	78.1	81.5	76.6	49.3	58.6	77.6	70.2	63.9	70.3
REV®	51R53™	73.2	50.9	75.3	82.7	70.5	58.0	57.7	68.4	69.3	63.3	66.9
REV®	54R84™	82.2	67.9	77.5	85.8	78.3	45.4	67.0	68.0	72.2	63.2	70.7
REV®	55R53™	76.9	71.6	80.1	83.4	78.0	58.6	69.6	74.0	73.3	68.9	73.4
REV®	56R63™	89.6	70.1	81.9	88.0	82.4	55.4	75.0	79.1	89.0	74.6	78.5
REV®	52A94™	86.2	62.4	75.3	89.0	78.2	50.3	52.5	70.2	78.8	62.9	70.6
REV®	52R74™	70.3	56.1	73.6	74.0	68.5	39.2	51.8	68.2	66.8	56.5	62.5
Univ. of Arkansas	R04-125ORR	72.3	56.4	74.8	72.8	69.1	49.9	61.9	70.2	70.5	63.1	66.1
Univ. of Arkansas	R04-1268RR	65.5	40.1	70.2	72.0	61.9	41.9	62.4	61.0	65.4	57.7	59.8
Univ. of Arkansas	R10-130RY	70.4	61.5	74.5	85.7	73.0	56.0	59.0	65.2	68.7	62.2	67.6
Univ. of Arkansas	R10-197RY	73.0	65.1	77.4	86.8	75.6	50.8	81.8	68.9	84.4	71.5	73.5
Univ. of Arkansas	R10-428RY	72.7	48.8	72.5	84.9	69.7	39.2	38.9	60.1	53.5	47.9	58.8
Mean		74.9	60.6	78.6	84.5	74.7	50.6	63.6	70.6	70.8	63.9	69.3
LSD		8.1	7.9	6.3	5.9		8.1	10.8	8.5	12		
Error df		100	100	100	100		100	100	100	100		

CV	8	9.7	5.9	5.2	11.8	12.6	8.9	12.5
R sq	76.9	83	70.3	74.3	54.8	69	74.5	67.8

¹Variety in italics denotes an experimental entry

Table 6. Summary of Yields for Maturity Group V Late Roundup Ready for the 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Clarks	Longwood	Stoneville	Stoneville	Delta	Brooksville	Falkner	Olive	Raymond	Hills	Overall
		dale Irr.	ood Irr.	ville Irr.	ville Irr.	ta Avg.	ville Non. Irr.	ner Non. Irr.	Branch Non. Irr.	ond Non. Irr.	s Avg.	average
		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A
Asgrow	AG 5935	69.8	63.2	66.9	66.9	66.7	36.7	70.9	73.4	54.7	58.9	54.4
Asgrow	AG5 831	68.2	61.3	79.1	85.1	73.4	44.6	63.9	74.0	49.1	57.9	55.0
Dyna-Gro	39RY 57	80.7	70.2	84.7	89.3	81.2	57.9	69.1	78.6	70.2	68.9	63.9
REV®	57R2 1™	87.9	73.9	82.7	97.6	85.5	50.9	79.1	68.7	48.6	61.8	61.5
Univ. of Arkansas	R07-6614 RR	66.9	77.0	72.8	77.6	73.6	39.5	69.7	67.4	59.6	59.0	56.6
Mean		74.7	69.1	77.2	83.3	76.1	45.9	70.5	72.4	56.4	61.3	58.3
LSD		10.9	9	5.8	11.1		7.8	9.5	11.6	10.2		
Error df		8	8	8	8		8	8	8	8		
CV		9.7	8.7	5	8.9		11.3	8.9	10.5	12		
R sq		72.4	71.7	84.9	79.1		80.6	73.8	58.5	78.8		

¹Variety in italics denotes an experimental entry

Table 7. Summary of Yields for Maturity Group IV Liberty Link for the 2014 Mississippi Soybean Variety Trials

Brand	Variety ¹	Longwood Irr.	Stoneville Irr.	Delta Avg.	Brooksville Non. Irr.	Falkner Non. Irr.	Hills Avg.	Overall Avg.
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(clay)

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
Delta Grow	DG 4767LL/STS	62.4	68.3	65.4	37.4	56.6	47.0	56.2
Delta Grow	DG 4867LL	43.6	69.4	56.5	49.8	56.7	53.3	54.9
Delta Grow	DG 4967LL	67.1	75.2	71.2	47.1	68.6	57.8	64.5
Delta Grow	DG 4981LL/STS	56.2	66.0	61.1	44.1	57.5	50.8	55.9
Delta Grow	DG 4990LL	52.2	72.2	62.2	43.5	51.8	47.7	55.0
Dyna-Gro	S49LL34	67.6	77.8	72.7	46.5	69.4	57.9	65.3
Dyna-Gro	S49LS65	56.6	73.5	65.1	32.6	69.1	50.8	58.0
GoSoy	4713	54.0	66.0	60.0	40.4	64.8	52.6	56.3
GoSoy	4914	54.2	73.7	63.9	34.2	63.9	49.1	56.5
Halo	4:40	24.1	62.2	43.2	34.4	45.4	39.9	41.5
Halo	4:76	37.1	71.7	54.4	53.5	52.2	52.9	53.6
Halo	4:94	54.4	73.0	63.7	45.0	61.2	53.1	58.4
Halo	4:95	46.3	65.2	55.8	49.9	61.0	55.5	55.6
Halo	4:97	56.6	69.7	63.2	41.1	62.1	51.6	57.4
Halo	<i>X448</i>	47.2	68.5	57.8	46.5	53.0	49.7	53.8
Halo	<i>X449</i>	53.1	67.2	60.2	46.4	72.3	59.3	59.8
Hornbeck	<i>CZ 4748LL</i>	48.6	77.3	63.0	49.8	45.6	47.7	55.3
Hornbeck	HBK LL4953	58.7	80.5	69.6	46.5	65.4	56.0	62.8
Hornbeck	LL 4650	32.5	63.7	48.1	46.6	47.8	47.2	47.7
Hornbeck	LL 4850	31.6	60.9	46.3	49.5	63.1	56.3	51.3
Hornbeck	LL 4950	59.4	78.5	68.9	52.6	64.0	58.3	63.6
Progeny	P 4620 LLS	49.2	68.1	58.6	39.6	56.3	47.9	53.3
Progeny	P4560LL	26.2	67.7	47.0	41.0	52.3	46.6	46.8
Progeny	P4819LL	44.0	69.6	56.8	54.3	53.6	53.9	55.4
Progeny	P4928LL	54.4	77.6	66.0	33.9	73.3	53.6	59.8
Progeny	P4930LL	64.1	80.7	72.4	49.9	74.3	62.1	67.3
REV®	49L29™	64.3	79.5	71.9	39.8	68.8	54.3	63.1
USG	74G74LS	57.7	68.1	62.9	40.9	63.7	52.3	57.6
Mean		50.8	71.1	61.0	44.2	60.5	52.3	56.7
LSD		7.6	5.5		11.1	11.4		
Error df		54	54		54	54		
CV		10.9	5.6		18.3	13.8		
R sq		87.5	76.3		50.5	60.9		

¹Variety in italics denotes an experimental entry

Table 8. Summary of Yields for Maturity Group V Liberty Link for the 2014 Mississippi Soybean Variety Trials

Brand	Variety ¹	Longwood Irr.	Stoneville Irr.	Delta Avg.	Brooksville Non. Irr.	Falkner Non. Irr.	Hills Avg.	Overall Avg.

(clay)

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
Delta Grow	DG 5067LL	72.5	67.5	70.0	50.0	71.7	60.8	65.4
Delta Grow	DG 5367LL	58.9	70.3	64.6	45.9	75.7	60.8	62.7
Delta Grow	DG 5461LL	55.3	62.6	59.0	33.5	51.7	42.6	50.8
Delta Grow	DG 5481LL	36.7	64.5	50.6	38.8	66.9	52.9	51.7
GoSoy	5214	61.9	73.2	67.5	36.9	60.0	48.5	58.0
Halo	5:01	65.5	73.5	69.5	47.6	72.4	60.0	64.8
Halo	5:25	63.2	59.5	61.3	44.8	57.9	51.3	56.3
Halo	5:26	57.4	69.5	63.4	36.1	67.7	51.9	57.7
Halo	5:45	33.3	63.9	48.6	43.0	48.5	45.7	47.2
Halo	<i>X451</i>	66.5	69.7	68.1	48.9	66.0	57.4	62.7
Halo	<i>X452</i>	66.1	69.7	67.9	39.6	61.1	50.4	59.1
Hornbeck	5242LL	65.6	71.2	68.4	35.6	71.9	53.7	61.0
Hornbeck	<i>CZ 5150LL</i>	65.6	70.8	68.2	36.6	66.4	51.5	59.9
Progeny	P5160LL	41.8	67.7	54.8	41.3	45.4	43.4	49.1
Progeny	P5220LLS	61.0	69.4	65.2	32.2	54.9	43.6	54.4
Progeny	P5460LL	59.0	73.5	66.2	31.8	57.0	44.4	55.3
Progeny	P5960LL	40.1	65.3	52.7	46.0	54.0	50.0	51.3
REV®	55L95™	62.0	69.1	65.5	33.2	61.1	47.2	56.3
Mean		57.3	68.4	62.9	40.1	61.7	50.9	56.9
LSD		12.2	7.8		12.3	10		
Error df		34	34		34	34		
CV		15.5	8.3		22.2	11.7		
R sq		72.4	63.5		44.2	74		

¹Variety in italics denotes an experimental entry

Table 9. Summary of 2-Year Yields for Maturity Group IV Conventional for the 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Longwood	Brooksville	Overall
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		Irr. (Delta) <i>bu/A</i>	Non. Irr. (Hills) <i>bu/A</i>	Avg. <i>bu/A</i>
Univ. of Arkansas	<i>R05-3239</i>	64.1	49.3	56.7

¹Variety in italics denotes an experimental entry



Table 10. Summary of 2-Year Yields for Maturity Group V Conventional for the 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Longwood	Brooksville	Overall
		Irr. (Delta) <i>bu/A</i>	Non. Irr. (Hills) <i>bu/A</i>	Avg. <i>bu/A</i>
Stratton Seed	Leland	65.7	51.7	58.7
Univ. of Arkansas	<i>R05-374</i>	61.1	50.2	55.7
Univ. of Arkansas	Osage	66.0	46.0	56.0
Univ. of Arkansas	Ozark	65.6	43.3	54.5
Univ. of Arkansas	UA	69.5	52.9	
Univ. of Arkansas	5213C			61.2
Overall Mean		65.6	48.8	57.2

¹Variety in italics denotes an experimental entry



Table 11. Summary of 2-Year Yields for Maturity Group IV Early Roundup Ready for the 2013 and 2014 Mississippi Soybean Variety Trials														
Brand	Variety	Clarks dale	Clarks dale	Longw ood	Stone ville	Stone ville	Stone ville	Del ta	Brooks ville	Falk ner	Olive Branch	Raym ond	Hil ls	Ove rall

		Irr.	Non. Irr.	Irr.	Irr.	Non. Irr.	Irr. (loam)	Av g.	Non. Irr.	Non. Irr.	Non. Irr.	Non. Irr.	Av g.	Avg.
		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu /A	bu/A	bu/ A	bu/A	bu/A	bu /A	bu/ A
Armor	43-R43	49.9	62.9	50.8	77.5	43.1	90.0	62. 4	54.3	60.6	65.9	55.6	1	61.1
Armor	44-R08	54.3	61.5	50.7	81.5	49.4	99.4	66. 1	58.0	69.5	78.5	56.5	6	65.9
Armor	46-R65 AG	62.1	72.3	61.9	88.4	55.0	95.0	72. 4	56.1	77.7	81.9	66.4	5	71.7
Asgrow	4232 AG	50.8	68.6	59.7	78.6	47.1	91.8	66. 1	53.3	60.0	72.9	51.3	4	63.4
Asgrow	4533	66.8	66.2	61.4	88.2	50.9	99.6	72. 2	57.2	75.0	74.7	67.9	7	70.8
Asgrow	AG4632 R2C	76.7	68.5	72.8	89.2	48.6	98.1	75. 6	55.8	82.3	80.4	76.4	8	74.9
Croplan Delta	4541 4670RR	71.6	78.1	66.8	86.1	51.5	97.8	75. 3	58.6	73.0	80.8	69.1	4	73.3
Grow Dyna- Gro	2	66.5	61.0	64.1	84.7	51.7	95.9	70. 6	55.9	80.8	71.8	71.4	9	70.4
Hornbec k	31RY45 HBK	68.5	72.0	65.8	85.0	51.6	100.3	73. 9	59.2	87.1	80.5	73.4	1	74.3
Morsoy Xtra	RY4620	58.2	73.0	63.2	80.0	48.1	88.9	68. 5	52.6	66.7	80.0	55.8	8	66.6
Mycoge n	44X82 5N451R	63.2	58.3	58.3	81.1	52.9	92.0	67. 6	55.7	61.0	71.7	51.3	9	64.6
NK	2	75.3	67.2	67.8	90.7	49.1	101.5	75. 3	58.9	84.3	79.1	70.0	1	74.4
Brand	S46-L2 P4211R	65.3	65.9	70.8	83.1	49.8	93.7	71. 4	63.4	61.8	77.2	60.6	8	69.2
Progeny	Y	56.5	61.5	58.5	83.1	50.8	95.4	67. 6	53.7	76.6	75.3	53.8	9	66.5
Progeny	P4510 RYS	57.5	67.0	61.8	80.5	52.2	94.4	68. 9	52.9	64.7	79.0	61.3	5	67.1
Progeny	P4613 RYS	56.5	68.8	64.8	88.0	54.5	97.2	71. 6	57.8	72.6	82.7	72.7	5	71.6
REV®	46R64 ™	58.5	66.3	63.2	81.2	49.7	91.1	68. 4	54.0	68.0	76.9	65.0	0	67.4
USG	74F53R	58.9	55.5	60.8	75.1	48.2	89.3	64. 6	50.4	69.3	72.9	51.9	1	63.2
Overall Mean		62.1	66.4	62.4	83.4	50.2	95.1	69. 9	56.0	71.7	76.8	62.8	8	68.7

Table 12. Summary of 2-Year Yields for Maturity Group IV Late Roundup Ready for the 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety	Clarks dale	Clarks dale	Long wood	Stone ville	Stone ville	Stone ville	De Ita	Brook sville	Falk ner	Olive Branch	Raym ond	Hil l	Ove rall
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		Irr.	Non. Irr.	Irr.	Irr.	Non. Irr.	Irr. (loam)	Av g.	Non. Irr.	Non . Irr.	Non. Irr.	Non. Irr.	Av g.	Avg.
		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu /A	bu/A	bu/ A	bu/A	bu/A	bu /A	bu/ A
Armor	47-R13	68.5	56.6	63.4	83.3	56.5	85.3	68. 9	61.7	80.2	78.0	63.6	.9	69. 7
Armor	48-R66	72.0	66.2	57.3	89.7	60.0	89.9	72. 5	56.5	70.4	74.8	63.0	.2	70. 0
Armor	49-R56	76.4	59.8	70.3	85.0	58.3	98.0	74. 6	55.9	72.4	75.1	53.3	.2	5 66.
Armor	DK4744	67.7	63.1	62.8	80.6	56.3	86.9	69. 6	50.7	63.5	71.6	57.9	.9	1 62
Asgrow	AG 4934	66.5	62.5	68.4	82.3	61.6	95.3	72. 8	54.0	66.9	76.5	53.9	.8	8 72.
Croplan Delta	R2C 4752S DG 4755	73.7	62.1	63.4	85.5	58.7	89.2	68. 9	65.2	86.1	77.1	65.2	.4	6 68.
Grow Delta	RR2 DG 4765	65.3	64.2	60.2	81.5	60.0	82.3	70. 8	59.4	78.1	69.0	59.9	.6	0 70.
Grow Delta	RR2/STS DG 4825	67.4	59.9	65.2	84.8	56.3	91.3	71. 5	61.0	85.2	77.5	53.1	.2	2 68.
Grow Delta	RR2/STS DG	62.4	68.0	66.2	79.2	56.4	96.8	67. 8	54.2	69.6	71.1	61.5	.1	5 67.
Grow Delta	4880RR DG 4925	60.0	77.6	60.3	72.1	49.0	88.1	67. 7	51.0	79.9	63.6	71.9	.6	4 65.
Grow Delta	RR2 DG	69.6	58.8	64.3	78.7	50.3	84.6	64. 0	50.5	68.5	72.2	56.2	.9	4 64.
Grow Delta	4970RR	56.6	62.8	56.5	73.4	51.5	83.3	65. 3	52.3	80.8	60.2	67.4	.1	5 63.
Grow	DG4940RR	48.4	58.4	70.4	80.0	49.3	85.3	72. 7	47.9	72.1	63.3	56.7	.0	2 70.
Dyna-Gro	DG 37RY47	72.7	68.1	69.3	79.6	60.2	86.4	68. 5	56.9	65.9	77.4	65.8	.5	2 66.
Dyna-Gro	S47RY13	60.3	60.8	58.3	79.9	59.9	91.5	71. 7	57.9	73.6	71.1	49.5	.0	3 69.
Dyna-Gro Great	S48RS53	71.1	66.2	61.4	84.5	58.7	88.3	74. 2	58.3	79.4	74.8	49.2	.4	2 72.
Heart Seed	GT476CR2 HBK	68.6	72.7	64.6	87.6	61.6	90.5	67. 1	62.8	76.8	72.0	64.7	.1	2 67.
Hornbeck Morsoy	RY4721	61.8	67.7	58.1	78.4	51.3	85.0	72. 4	56.8	83.5	72.4	58.0	.7	3 71.
Xtra Morsoy	47X12	71.5	58.8	65.1	82.9	65.8	90.6	75. 1	61.7	80.8	77.8	60.9	.3	6 72.
Xtra	48X02 MPG 4714	75.7	73.4	64.0	84.2	60.5	92.8	65. 7	65.2	76.8	77.1	59.4	.6	9 64.
MPG	NRR	59.3	74.0	57.1	73.3	51.7	79.1	73. 2	52.5	66.3	62.1	64.4	.3	0 71.
Mycogen	5N478R2	69.0	62.6	62.5	85.4	64.6	94.9	69. 7	58.8	82.8	68.9	62.8	.3	2 68.
Progeny	P4747RY	57.7	76.1	62.9	81.8	55.4	84.3	71. 4	56.5	79.0	71.0	60.3	.7	5 70.
Progeny	P4850RYS	68.2	67.6	62.2	85.6	54.5	90.3	73. 7	59.6	82.7	78.5	60.3	.3	9 70.
Progeny	P4900RY	71.9	56.3	66.5	84.4	65.0	97.9	74. 8	58.4	71.3	75.3	55.0	.0	2 74.
REV®	47R34™	73.9	76.8	60.1	86.7	61.9	89.5	70. 6	63.6	86.5	73.7	76.3	.1	9 70.
REV®	48R44™	62.0	64.5	64.7	82.4	57.4	92.4	71. 5	56.4	81.4	71.4	75.7	.2	8 70.
REV®	49R94™	63.3	69.8	64.7	84.8	55.4	90.7	72. 5	56.1	81.9	66.8	68.2	.2	2 70.
USG	74B83R	70.2	70.2	56.4	87.3	61.6	89.1	5 6	56.6	72.9	72.5	69.1	.8	6

Overall Mean	66.6	65.7	63.0	82.2	57.6	89.3	70.7	57.2	76.4	72.2	61.5	66.8	69.2
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Brand	Variety ¹	Clarksdale Irr. bu/A	Longwood Irr. bu/A	Stoneville Irr. bu/A (clay)	Stoneville Irr. bu/A (loam)	Delta Avg bu/A	Brooksville Non. Irr. bu/A	Falkner Non. Irr. bu/A	Olive Branch Non. Irr. bu/A	Raymond Non. Irr. bu/A	Hills Avg bu/A	Overall Avg bu/A
Armor	53-R16	68.8	71.4	85.7	86.8	78.2	56.1	73.8	78.5	49.1	64.4	71.3
Asgrow	AG5233	68.9	63.2	82.5	90.4	76.9	49.4	63.6	74.8	51.9	59.9	68.1
Asgrow	AG5332	73.5	61.1	82.9	99.5	81.3	54.1	57.9	73.1	57.9	67.7	70.0
Croplan	R2C 5081 DG	78.2	73.3	84.6	89.1	70.3	54.4	82.6	78.8	55.6	59.9	74.6
Delta Grow	5475RR2 DG	56.7	60.3	82.6	83.8	79.8	54.4	64.0	68.5	51.0	61.5	65.2
Delta Grow	5480RR2 DG	70.2	63.9	90.8	94.8	79.9	53.4	75.7	69.1	48.7	62.7	70.8
Delta Grow	5575RR2	63.3	70.3	85.4	88.3	78.8	54.3	74.3	66.8	54.6	66.5	69.7
Dyna-Gro	32RY55	76.4	72.1	85.4	79.7	79.4	54.9	66.9	85.7	57.0	66.1	72.3
Dyna-Gro	S54RY43	73.8	67.7	88.0	86.7	82.0	54.9	64.0	68.3	57.8	68.2	70.1
Dyna-Gro	S56RY84	74.1	72.8	89.8	91.9	69.2	54.2	75.7	80.2	61.9	58.0	75.1
Great Heart Seed	GT- 500CR2S HBK	67.6	53.2	76.7	82.2	75.9	56.3	51.6	70.4	57.2	59.9	64.4
Hornbeck	RY5221 HBK	72.9	62.5	80.7	84.9	77.3	46.5	70.4	71.6	51.3	59.9	67.6
Hornbeck	RY5421	76.0	64.8	84.1	85.7	74.7	45.5	69.0	72.1	62.8	62.3	70.0
MPG	5214NRR	64.3	69.3	80.7	85.3	73.9	48.5	65.5	64.2	53.7	58.0	66.4
NK Brand	S52-Y2	72.1	56.9	76.9	87.5	71.3	49.3	68.8	82.0	56.3	64.1	68.7
Progeny	P5213RY	61.3	60.7	77.0	86.9	78.5	51.0	64.3	69.0	49.5	58.5	65.0
Progeny	P5333RY	72.2	69.5	81.6	92.1	84.8	56.3	74.5	74.2	57.4	65.6	72.2
Progeny	P5555RY	81.5	74.6	88.6	91.4	84.0	57.6	72.6	76.8	62.2	67.3	75.7

Progeny	P5610RY	75.1	72.1	81.4	80.4	77. 2	48.9	62.2	78.0	56.8	61. 5	69.4
REV®	51R53™	67.7	59.0	79.6	91.0	74. 3	53.5	55.7	73.1	53.9	59. 1	66.7
REV®	54R84™	79.2	74.0	81.7	86.8	80. 4	49.6	65.4	70.6	59.6	61. 3	70.9
REV®	55R53™	73.6	76.5	84.3	89.4	80. 9	58.7	62.4	78.9	62.3	65. 6	73.3
REV®	56R63™	80.3	73.1	87.7	89.4	82. 6	56.7	77.5	78.1	71.7	71. 0	76.8
REV®	52R74™	65.3	66.1	80.7	86.8	74. 7	50.1	59.6	71.2	51.8	58. 2	66.5
Univ. of Arkansas	<i>R04- 1250RR</i>	65.7	63.4	77.4	72.8	69. 8	50.0	69.3	70.9	61.2	62. 8	66.3
Univ. of Arkansas	<i>R04- 1268RR</i>	64.4	54.1	73.4	72.9	66. 2	48.8	59.8	63.5	56.7	57. 2	61.7
Overall Mean		70.9	66.4	82.7	86.8	76. 7	52.6	67.2	73.4	56.5	62. 4	69.6

¹Variety in italics denotes an experimental entry

Table 14. Summary of 2-Year Yields for Maturity Group V Late Roundup Ready for the 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety	Clarksdale	Longwood	Stoneville	Stoneville	Delta	Brooksville	Falkner Non.	Olive Branch	Raymond	Hills	Overall
		Irr.	Irr.	Irr.	Irr.	Avg.	Non. Irr.	Irr.	Non. Irr.	Non. Irr.	Avg.	Avg.
				(clay)	(loam)							
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
Asgrow	AG5831	66.2	69.5	80.1	79.1	73.7	49.6	71.0	67.7	45.1	58.4	66.0
Dyna- Gro	39RY57	76.0	75.8	87.5	86.3	81.4	55.5	69.8	75.8	54.5	63.9	72.6
REV®	57R21™	77.5	78.5	86.3	94.9	84.3	53.2	75.7	67.8	44.2	60.2	72.3
Overall Mean		73.3	74.6	84.6	86.8	79.8	52.8	72.2	70.4	47.9	60.8	70.3

Table 15. Summary of 2-Year Yields for Maturity Group IV Liberty Link for the 2013 and 2014 Mississippi Soybean Variety Trials.

Longwood	Stoneville	Delta	Brooksville	Falkner	Hills	Overall
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Delta Grow	DG 5461LL	65.6	69.0	67.3	37.6	66.7	52.2	59.7
Delta Grow	DG 5481LL	56.0	68.9	62.5	38.1	66.3	52.2	57.3
Halo	5:45	60.3	67.8	64.0	44.6	62.6	53.6	58.8
Progeny	P5160LL	67.8	73.4	70.6	43.6	66.8	55.2	62.9
Progeny	P5460LL	64.3	72.4	68.3	35.5	65.0	50.2	59.3
Progeny	P5960LL	61.7	69.6	65.6	45.4	64.6	55.0	60.3
Overall Mean		62.6	70.2	66.4	40.8	65.3	53.1	59.7

Table 17. Summary of 3-Year Yields for Maturity Group IV Conventional for the 2012, 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Longwood Irr. (Delta) <i>bu/A</i>	Brooksville Non. Irr. (Hills) <i>bu/A</i>	Overall Avg. <i>bu/A</i>
Univ. of Arkansas	<i>R05-3239</i>	66.1	53.3	59.7

¹Variety in italics denotes an experimental entry



Table 18. Summary of 3-Year Yields for Maturity Group V Conventional for the 2012, 2013 and 2014 Mississippi Soybean Variety Trials.

Brand	Variety	Longwood Irr. (Delta) <i>bu/A</i>	Brooksville Non. Irr. (Hills) <i>bu/A</i>	Overall Avg. <i>bu/A</i>
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		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A
Armor	47-R13	68.8	57.8	66.2	68.7	51.2	77.1	65.0	65.3	75.7	62.3	65.7	67.2	65.9
Armor	DK4744	67.8	62.7	65.7	67.9	52.0	79.5	65.9	55.7	64.8	58.3	63.8	68.7	63.8
Croplan	R2C 4752S	73.6	64.6	64.4	68.8	53.0	79.9	64.4	68.2	80.4	58.8	65.4	61.2	67.7
Delta	DG 4755							64.4					61.6	
Grow	RR2	62.0	61.8	62.2	69.1	55.0	76.1	64.4	60.3	74.3	53.2	57.3	63.3	63.1
Delta	DG 4765							65.0					66.6	
Grow	RR2/STS	62.5	62.5	67.3	69.4	52.4	81.1	65.0	68.1	78.9	59.5	58.8	66.3	66.1
Delta	DG 4825							65.0					64.6	
Grow	RR2/STS	61.8	59.5	68.0	65.6	55.3	85.0	62.0	59.8	70.0	62.0	67.2	63.8	65.4
Delta	DG 4880RR							62.0					63.6	
Grow	DG 4880RR	62.4	67.2	61.7	60.4	44.9	79.0	63.0	52.6	73.7	57.5	70.0	62.9	62.9
Delta	DG 4925							63.0					59.5	
Grow	RR2	65.2	58.7	66.9	65.1	48.9	77.2	67.0	55.4	67.0	57.4	58.7	62.0	62.0
Delta	DG 4970RR							59.0					64.6	
Grow	DG 4970RR	57.7	59.8	60.5	59.0	46.8	75.3	64.0	58.5	77.0	56.3	65.5	61.6	61.6
Dyna-Gro	DG 37RY47	68.6	61.8	68.0	66.8	53.9	78.8	66.0	58.8	67.3	59.4	66.9	63.1	65.0
Dyna-Gro	S47RY13	61.7	60.5	61.5	69.0	55.1	83.8	65.0	60.4	70.3	55.8	52.9	63.1	63.1
Dyna-Gro	S48RS53	72.4	65.0	62.7	69.7	52.4	78.1	66.0	60.2	77.9	59.8	59.6	64.4	65.8
Hornbeck	HBK RY4721	62.2	57.4	59.8	64.9	47.5	76.4	61.0	57.5	80.8	56.7	57.1	63.0	62.0
Morsoy	47X12	73.0	59.5	68.1	68.5	57.2	80.3	67.0	66.9	80.5	61.8	62.3	67.9	67.8
Morsoy	48X02	70.4	68.2	64.1	70.8	56.0	86.5	69.0	65.5	74.8	62.2	56.6	64.8	67.5
Xtra	P4747RY	59.3	72.4	66.3	69.6	52.1	79.4	66.0	57.8	74.2	57.2	60.4	62.4	64.9
Progeny	P4850RYS	67.3	61.5	64.6	71.0	50.4	81.0	66.0	65.7	78.9	59.5	60.5	66.2	66.0
Progeny	P4900RY	70.7	57.3	70.1	69.5	62.2	87.0	69.0	58.7	66.4	59.8	54.8	59.9	65.6
Overall Mean		66.0	62.1	64.9	67.4	52.6	80.1	65.0	60.9	74.1	58.8	61.3	63.7	64.8

Table 21. Summary of the 3-Year Yields for Maturity Group V Early Roundup Ready for the 2012, 2013, and 2014 Mississippi Soybean Variety Trials.

Brand	Variety ¹	Clarksdale	Longwood	Stoneville	Stoneville	Delta Avg	Brooksville	Falkner	Olive Branch	Raymond	Hills	Overall
		Irr.	Irr.	Irr.	Irr.	.	Non. Irr.	Irr.	Non. Irr.	Irr.	.	Avg.
				(clay)	(loam)							
		bu/A	bu/A	bu/A	bu/A	bu/	bu/A	bu/A	bu/A	bu/A	bu/	bu/A

Delta Grow	DG 5461LL	67.4	59.8	63.6	44.1	72.4	58.2	60.9
Halo	5:45	61.1	61.7	61.4	47.7	62.2	54.9	58.2
Progeny	P5160LL	69.2	60.9	65.1	41.8	66.6	54.2	59.6
Progeny	P5460LL	65.5	62.2	63.8	41.7	67.0	54.4	59.1
Progeny	P5960LL	62.5	61.5	62.0	47.2	66.2	56.7	59.3
Overall Mean		65.1	61.2	63.2	44.5	66.9	55.7	59.4

Stoneville Clay Irrigated and Non-irrigated, Delta Branch Station

Planting date: May 6

Harvest date: IV Early and IV Late Roundup Ready on September 24 (irrigated)

V Early and V Late Roundup Ready on
October 6 (Irrigated)

IV and V Liberty Link on October 6
 (Irrigated)
 IV Early Roundup Ready on September 10
 (Non-irrigated)
 IV Late Roundup Ready on September 18
 (Non-irrigated)

Soil Type: Sharkey clay

Soil pH: 6.8

Soil Fertility: P=H K=H

Previous crop: soybeans

Irrigation dates: July 10, July 28 and August 21

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A,

Dual II Magnum @ 1 qt/A and Gramoxone SL @ 1 qt/A on May 6

Postemergence -

Roundup Ready - Roundup Powermax @ 24 oz/A, Firstrate @ 0.3 oz/A and

Resource @ 0.6 oz/A on July 7

Liberty Link - Liberty @ 29 oz/A, Firstrate @ 0.3 oz/A and Resource @ 6 oz/A

on July 7

Crop Summary:

Both Irrigated and Nonirrigated Soybean plots were planted into a stale seedbed in early May. Soil moisture at planting was adequate for germination. All plots quickly emerged to a good stand. Ample soil moisture was present throughout the season, supplied by a combination of timely rains and irrigation. This helped for good yields to be achieved. Harvest was completed without any weather delays. Timely rains occurred throughout the growing season, which allowed for non-irrigated yields much higher than average. Harvest was completed in a timely manner without difficulties.

Table 25. Roundup Ready Maturity Group IV Early Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield		Maturity	Plant	Lodging
		2014	2-yr. 3-yr.			

		avg.	avg.	date ²	height	score	
		<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>	
Asgrow	AG4632	86.1	89.2	74.2	-	29	1
Mycogen	5N451R2	85.0	90.7	-	-	28	1
Armor	AX4460	84.6	-	-	-	30	1
Asgrow	AG 4533	84.3	88.2	75.0	-	30	1
Delta Grow	4670RR2	84.1	84.7	68.9	-	29	1
Armor	44-R08	82.9	81.5	68.8	-	26	1
Croplan	R2C 4541	82.5	86.1	69.9	-	29	1
Dyna-Gro	31RY45	82.4	85.0	70.9	-	28	1
Morsoy Xtra	46X04	82.0	-	-	-	31	1
Dyna-Gro	S46RY85	81.3	-	-	-	26	1
Progeny	P4440 RY	80.2	-	-	-	33	1
REV®	46R64T™	80.1	81.2	-	-	26	1
Mycogen	5N452R2	79.2	-	-	-	32	1
Armor	46-R65	79.2	88.4	-	-	32	1
	P4613	79.0					
Progeny	RYS		88.0	-	-	31	1
Armor	AX4450	78.7	-	-	-	27	1
Dyna-Gro	S43RY95	78.5	-	-	-	26	1
Armor	AX4430	78.1	-	-	-	30	1
NK Brand	S45-V8	77.3	-	-	-	29	1
Steyer	4303R2	76.6	-	-	-	32	1
	DG	76.6					
Delta Grow	4685RR2		-	-	-	27	1
Progeny	P4211RY	76.3	83.1	69.2	-	24	1
USG	74F24RS	75.7	-	-	-	32	1
NK Brand	S46-L2	74.4	83.1	-	-	33	1
Armor	AX4440	74.4	-	-	-	29	1
Asgrow	AG 4232	73.8	78.6	67.4	-	24	1
Morsoy Xtra	44X82	73.0	81.1	71.4	-	26	1
Asgrow	AG 4135	72.0	-	-	-	19	1
Asgrow	AG 4534	71.6	-	-	-	28	1
USG	74F53R	71.4	75.1	-	-	30	1
	P4510	71.3					
Progeny	RYS		80.5	66.5	-	26	1
	HBK	70.8					
Hornbeck	RY4620		80.0	62.5	-	25	1
Armor	43-R43	70.1	77.5	-	-	25	1
Mean		78					
LSD (.10)		5					
Error df		64					
CV		4.6					
R ²		73.3					

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 26. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Armor	46-R65	74.8	55.0	-	-	27	1
Croplan	R2C 4541	74.6	51.5	46.7	-	30	1
Dyna-Gro	S43RY95	71.9	-	-	-	27	1
Mycogen	5N452R2	71.3	-	-	-	26	1
Progeny	P4211RY	70.9	50.8	42.5	-	28	1
	P4510	69.3					
Progeny	RYS		52.2	46.1	-	27	1
Dyna-Gro	31RY45	69.3	51.6	45.3	-	26	1
Armor	<i>AX4460</i>	69.2	-	-	-	32	1
NK Brand	S45-V8	68.4	-	-	-	30	1
Dyna-Gro	S46RY85	68.2	-	-	-	26	1
Steyer	4303R2	68.2	-	-	-	33	1
Mycogen	5N451R2	68.1	49.1	-	-	27	1
Armor	<i>AX4450</i>	67.6	-	-	-	24	1
Morsoy Xtra	44X82	67.6	52.9	47.5	-	25	1
USG	74F24RS	67.3	-	-	-	36	1
	P4613	67.1					
Progeny	RYS		54.5	-	-	26	1
REV®	46R64T™	66.2	49.7	-	-	28	1
NK Brand	S46-L2	65.9	49.8	-	-	30	1
Delta Grow	4670RR2	65.2	51.7	47.4	-	28	1

USG	74F53R	65.1	48.2	-	-	28	1
Armor	<i>AX4440</i>	65.0	-	-	-	29	1
Armor	44-R08	65.0	49.4	43.4	-	29	1
Morsoy Xtra	<i>46X04</i>	64.9	-	-	-	25	1
Armor	<i>AX4430</i>	64.7	-	-	-	30	1
	DG	63.3					
Delta Grow	4685RR2		-	-	-	24	1
Asgrow	AG 4533	62.7	50.9	46.6	-	30	1
Progeny	P4440 RY	61.0	-	-	-	29	1
Asgrow	AG4632	60.6	48.6	43.0	-	27	1
Asgrow	AG 4135	60.5	-	-	-	25	1
	HBK	58.4					
Hornbeck	RY4620		48.1	43.3	-	24	1
Asgrow	AG 4232	58.2	47.1	42.8	-	24	1
Armor	43-R43	57.9	43.1	-	-	20	1
Asgrow	AG 4534	55.9	-	-	-	27	1
Mean		65.9					
LSD (.10)		7.8					
Error df		64					
CV		8.7					
R ²		50.3					

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 27. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Mycogen	5N479R2	86.9	-	-	-	33	1
Progeny	P4788RY	83.3	-	-	-	35	1
Croplan	R2C 4873	82.6	-	-	-	30	1
REV®	49R94™	82.2	84.8	-	-	33	1
Armor	48-R66	81.9	89.7	-	-	27	1
Morsoy Xtra	48X02	81.7	84.2	70.8	-	34	1

Great Heart Seed	GT476CR2	81.4	87.6	-	-	32	1
Dyna-Gro	S47RY13	81.3	79.9	69.0	-	33	1
Mycogen	5N478R2	81.1	85.4	-	-	32	1
Croplan	R2C 4752S	81.0	85.5	68.8	-	33	1
REV®	48R44™	80.8	82.4	-	-	32	1
REV®	47R34™	80.6	86.7	-	-	32	1
Armor	49-R56	80.4	85.0	-	-	28	1
	DG 4825	80.3					
Delta Grow	RR2/STS		79.2	65.6	-	25	1
	MYCX 54490	79.9					
Mycogen	NR2		-	-	-	35	1
Dyna-Gro	S48RS53	79.8	84.5	69.7	-	33	1
Delta Grow	DG 4755 RR2	79.8	81.5	69.1	-	31	1
Asgrow	AG 4835	79.4	-	-	-	31	1
REV®	47R53™	79.4	-	-	-	33	1
USG	74B83R	79.2	87.3	-	-	32	1
	DG 4765	79.1					
Delta Grow	RR2/STS		84.8	69.4	-	33	1
Progeny	P4747RY	78.8	81.8	69.6	-	30	1
Delta Grow	DG 4880RR	78.5	72.1	60.4	-	32	2
Dyna-Gro	SX14847RS	78.5	-	-	-	30	1
Armor	AX 4470	78.5	-	-	-	31	1
Hornbeck	HBK RY4721	78.3	78.4	64.9	-	34	1
Armor	47-R13	78.2	83.3	68.7	-	31	1
Dyna-Gro	S49RY25	78.2	-	-	-	38	1
Progeny	P4900RY	78.0	84.4	69.5	-	28	1
Delta Grow	DG 4985RR2	76.6	-	-	-	36	1
Asgrow	AG4934	76.5	82.3	-	-	29	1
	DG 4930	76.4					
Delta Grow	RR2/STS		-	-	-	31	1
Progeny	P4850RYS	76.3	85.6	71.0	-	35	1
Morsoy Xtra	48X34	75.9	-	-	-	30	1
Armor	AX 4471	75.7	-	-	-	33	1
REV®	48R22™	75.5	-	-	-	30	1
Morsoy Xtra	49X54	75.5	-	-	-	37	1
Morsoy Xtra	47X12	75.1	82.9	68.5	-	34	1
Great Heart Seed	GT482 CR2	74.3	-	-	-	34	1
MPG	MPG 4714 NRR	73.3	73.3	-	-	36	1
Dyna-Gro	DG 37RY47	73.0	79.6	66.8	-	29	1
NK Brand	S47-K5	72.9	-	-	-	32	1
	DG 4775	72.7					
Delta Grow	RR2/STS		-	-	-	29	1
Progeny	P4848RYS	72.5	-	-	-	28	1
Armor	DK4744	72.3	80.6	67.9	-	29	1

Delta Grow	DG 4970RR	72.1	73.4	59.0	-	33	2
REV®	49A55™	72.0	-	-	-	34	1
Delta Grow	DG 4925 RR2	71.5	78.7	65.1	-	32	1
Delta Grow	DG4940RR	70.6	80.0	-	-	36	1
Hornbeck	CZ 4959RY	70.0	-	-	-	31	1
Armor	AX 4490	69.1	-	-	-	34	1
USG	74B94RS	67.9	-	-	-	31	1
Armor	AX 4480	67.7	-	-	-	33	1
Mean		77.1					
LSD		5.7					
Error df		104					
CV		5.5					
R ²		61.7					

¹Variety in italics denotes an experimental entry
²No maturity dates taken

Table 28. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
USG	74B83R	84.5	61.6	-	-	27	1
Dyna-Gro	S47RY13	83.1	59.9	55.1	-	30	1
Morsoy Xtra	48X02	82.4	60.5	56.0	-	33	1
REV®	47R34™	81.9	61.9	-	-	31	1
NK Brand	S47-K5	81.5	-	-	-	29	1
Progeny	P4788RY	81.3	-	-	-	32	1
Armor	49-R56	81.1	58.3	-	-	27	1
Armor	48-R66	80.3	60.0	-	-	23	1
Great Heart Seed	GT476CR2	79.9	61.6	-	-	32	1
Dyna-Gro	DG 37RY47	79.6	60.2	53.9	-	26	1
Mycogen	5N478R2	79.5	64.6	-	-	29	1
Croplan	R2C 4752S	78.8	58.7	53.0	-	33	1
REV®	47R53™	78.8	-	-	-	29	1
Morsoy Xtra	49X54	78.3	-	-	-	32	1
Croplan	R2C 4873	76.8	-	-	-	29	1

Mycogen	5N479R2	76.7	-	-	-	30	1
Morsoy Xtra	47X12	76.5	65.8	57.2	-	30	1
Dyna-Gro	S48RS53	76.1	58.7	52.4	-	32	1
Delta Grow	DG 4755 RR2	76.0	60.0	55.0	-	30	1
Progeny	P4850RYS	75.6	54.5	50.4	-	30	1
	DG 4825	75.0					
Delta Grow	RR2/STS		56.4	55.3	-	31	1
REV®	48R44™	74.6	57.4	-	-	26	1
Armor	AX 4470	74.4	-	-	-	30	1
REV®	48R22™	74.1	-	-	-	27	1
Dyna-Gro	SX14847RS	74.1	-	-	-	30	1
Armor	DK4744	74.0	56.3	52.0	-	30	1
Delta Grow	DG 4970RR	73.6	51.5	46.8	-	28	1
	MYCX 54490	73.6					
Mycogen	NR2		-	-	-	32	1
REV®	49R94™	73.5	55.4	-	-	29	1
Armor	AX 4490	73.2	-	-	-	31	1
Armor	47-R13	73.0	56.5	51.2	-	30	1
Great Heart Seed	GT482 CR2	72.3	-	-	-	32	1
Progeny	P4848RYS	72.3	-	-	-	33	1
Progeny	P4900RY	71.6	65.0	62.2	-	24	1
	DG 4765	71.2					
Delta Grow	RR2/STS		56.3	52.4	-	29	1
Armor	AX 4471	71.1	-	-	-	30	1
REV®	49A55™	70.6	-	-	-	26	1
Delta Grow	DG 4880RR	70.6	49.0	44.9	-	25	1
Hornbeck	HBK RY4721	70.4	51.3	47.5	-	31	1
Progeny	P4747RY	70.1	55.4	52.1	-	28	1
Asgrow	AG4934	70.0	61.6	-	-	28	1
Dyna-Gro	S49RY25	69.9	-	-	-	36	1
Delta Grow	DG 4925 RR2	69.4	50.3	48.9	-	27	1
	DG 4775	69.1					
Delta Grow	RR2/STS		-	-	-	29	1
Armor	AX 4480	69.1	-	-	-	30	1
USG	74B94RS	68.9	-	-	-	30	1
MPG	MPG 4714 NRR	68.4	51.7	-	-	31	1
Delta Grow	DG4940RR	68.3	49.3	-	-	31	1
Delta Grow	DG 4985RR2	67.5	-	-	-	34	1
Asgrow	AG 4835	67.3	-	-	-	32	1
	DG 4930	66.3					
Delta Grow	RR2/STS		-	-	-	31	1
Hornbeck	CZ 4959RY	62.8	-	-	-	28	1
Morsoy Xtra	48X34	62.5	-	-	-	29	1
Mean		74					

LSD	11.7				
Error df	104				
CV	7.7				
R ²	55.6				

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 29. Roundup Ready Maturity Group V Early Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Mycogen	5N550R2	90.9	-	-	-	32	1
Dyna-Gro	S56RY84	89.1	89.8	-	-	29	1
Asgrow	AG5533	88.2	-	-	-	30	1
Dyna-Gro	S52RY75	87.4	-	-	-	24	1
Delta Grow	DG 5480RR2	87.0	90.8	-	-	27	1
Progeny	P5555RY	86.1	88.6	-	-	29	1
NK Brand	S55-Q3	85.8	-	-	-	25	1
Mycogen	<i>MYCX54522NR2</i>	85.5	-	-	-	22	1
Delta Grow	DG 5230 RR2	85.2	-	-	-	26	1
Hornbeck	HBK RY5421	84.6	84.1	69.2	-	26	1
Morsoy Xtra	51X31	84.3	-	-	-	25	1
Asgrow	AG 5535	83.8	-	-	-	25	1
Armor	<i>AX4520</i>	82.8	-	-	-	23	1
Morsoy Xtra	53X82	82.7	-	-	-	30	1
Dyna-Gro	32RY55	82.6	85.4	72.2	-	23	1

Armor	53-R16	82.5	85.7	73.5	-	20	1
Croplan	R2C 5081	82.4	84.6	71.3	-	24	1
Morsoy Xtra	54X41	81.9	-	-	-	23	1
REV®	56R63™	81.9	87.7	75.8	-	28	1
Delta Grow	DG 5575RR2	81.4	85.4	-	-	27	1
REV®	55R53™	80.1	84.3	71.8	-	28	1
Dyna-Gro	S54RY43	79.6	88.0	75.5	-	31	1
Great Heart Seed	GT516CR2	78.9	-	-	-	36	1
MPG	5214NRR	78.9	80.7	-	-	30	1
Armor	51-R50	78.7	-	-	-	32	1
Delta Grow	DG 5556RR	78.4	-	-	-	22	1
Progeny	P5610RY	78.1	81.4	70.3	-	23	1
REV®	54R84™	77.5	81.7	68.7	-	21	1
Asgrow	AG 5335	77.4	-	-	-	32	1
Univ. of Arkansas	<i>R10-197RY</i>	77.4	-	-	-	25	1
Delta Grow	DG 5475RR2	77.0	82.6	70.8	-	24	1
Asgrow	AG5332	76.4	82.9	69.2	-	30	1
Hornbeck	HBK RY5221	75.4	80.7	66.0	-	32	1
REV®	52A94™	75.3	-	-	-	26	1
REV®	51R53™	75.3	79.6	67.5	-	29	1
Univ. of Arkansas	<i>R04-1250RR</i>	74.8	77.4	-	-	25	1
Asgrow	AG5233	74.6	82.5	69.0	-	23	1
Univ. of Arkansas	<i>R10-130RY</i>	74.5	-	-	-	23	1
REV®	52R74™	73.6	80.7	-	-	28	1
Progeny	P5333RY	73.2	81.6	-	-	24	1
Morsoy Xtra	56X02	72.5	-	-	-	49	2
Univ. of Arkansas	<i>R10-428RY</i>	72.5	-	-	-	26	1
Armor	AX4500	71.2	-	-	-	36	1
Progeny	P5213RY	71.1	77.0	-	-	39	1
NK Brand	S51-C5	70.9	-	-	-	20	1
MPG	5314 NRR	70.9	-	-	-	34	1
NK Brand	S52-Y2	70.7	76.9	-	-	31	1
Univ. of Arkansas	<i>R04-1268RR</i>	70.2	73.4	59.7	-	23	1
Armor	50-R44	70.2	-	-	-	35	1
Great Heart Seed	GT-500CR2S	69.3	76.7	64.4	-	30	1
Mycogen	5N540R2	68.5	-	-	-	27	1

Mean 78.6
LSD 6.3
Error df 100
CV 5.9
R² 70.3

¹Variety in italics denotes an experimental entry

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²No maturity dates taken

Table 30. Roundup Ready Maturity Group V Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville Clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Dyna-Gro	39RY57	84.7	87.5	72.0	-	29	1
REV [®]	57R21 [™]	82.7	86.3	-	-	29	1
Asgrow	AG583	79.1	80.1	67.6	-	19	1
Univ. of Arkansas	<i>R07-6614RR</i>	72.8	-	-	-	28	1
Asgrow	AG5935	66.9	-	-	-	26	1
Mean		77.2					
LSD		5.8					
Error df		8					
CV		5					
R sq		84.9					

¹Variety in italics denotes an



experimental entry
²No maturity dates taken

Table 31. Maturity Group IV LL Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>(in)</i>	<i>(1-5)</i>
Halo	4:94	73.0	73.1	60.1	-	35	1
Progeny	P4819LL	69.6	70.3	57.1	-	30	1
Progeny	P4928LL	77.6	73.3	61.0	-	35	1
Delta Grow	DG 4867LL	69.4	-	-	-	26	1
Delta Grow	DG 4967LL	75.2	-	-	-	41	1
Halo	4:95	65.2	-	-	-	29	1
Delta Grow	DG 4990LL	72.2	73.6	60.8	-	35	1
	DG	66.0					
Delta Grow	4981LL/STS		68.8	-	-	46	1
Dyna-Gro	S49LL34	77.8	78.0	-	-	36	1
Halo	4:97	69.7	69.4	-	-	38	2
Progeny	P4560LL	67.7	70.9	-	-	29	1
Progeny	P4930LL	80.7	78.3	-	-	35	1
Hornbeck	LL 4650	63.7	66.2	-	-	27	1
Hornbeck	LL 4850	60.9	63.3	-	-	28	1
Hornbeck	LL 4950	78.5	75.5	-	-	40	1
	DG	68.3					
Delta Grow	4767LL/STS		71.3	59.9	-	42	1
Hornbeck	HBK LL4953	80.5	-	-	-	37	1
Progeny	P 4620 LLS	68.1	-	-	-	39	1
USG	74G74LS	68.1	-	-	-	38	2
Halo	4:76	71.7	-	-	-	36	1
Halo	X448	68.5	-	-	-	34	1
Halo	X449	67.2	-	-	-	41	1
GoSoy	4713	66.0	-	-	-	39	1
GoSoy	4914	73.7	-	-	-	40	1
REV®	49L29™	79.5	-	-	-	35	1

Halo	4:40	62.2	-	-	-	24	1
Dyna-Gro	S49LS65	73.5	-	-	-	32	1
Hornbeck	<i>CZ 4748LL</i>	77.3	-	-	-	32	1
Mean		71.1					
LSD		5.5					
Error df		54					
CV		5.6					
R ²		76.3					

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 32. Maturity Group V Liberty Link Soybeans (Delta Branch Experiment Station, Stoneville, clay).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
Halo	5:01	73.5	-	-	-	31	1
Progeny	P5460LL	73.5	72.4	62.2	-	35	1
GoSoy	5214	73.2	-	-	-	38	1
Hornbeck	5242LL	71.2	-	-	-	38	1
	<i>CZ</i>	70.8					
Hornbeck	<i>5150LL</i>		-	-	-	34	1
	DG	70.3					
Delta Grow	5367LL		-	-	-	30	1
Halo	<i>X452</i>	69.7	-	-	-	38	1
Halo	<i>X451</i>	69.7	-	-	-	34	1
Halo	5:26	69.5	-	-	-	22	1
Progeny	P5220LLS	69.4	-	-	-	44	1
REV®	55L95™	69.1	-	-	-	35	1
Progeny	P5160LL	67.7	73.4	60.9	-	14	1
	DG	67.5					
Delta Grow	5067LL		-	-	-	38	1
Progeny	P5960LL	65.3	69.6	61.5	-	21	1
	DG	64.5					
Delta Grow	5481LL		68.9	-	-	40	1

Halo	5:45	63.9	67.8	61.7	-	21	1
	DG	62.6					
Delta Grow	5461LL		69.0	59.8	-	36	1
Halo	5:25	59.5	-	-	-	20	1
Mean		68.4					
LSD		7.8					
Error df		34					
CV		8.3					
R ²		63.5					

¹Variety in italics denotes an experimental entry

²No maturity
dates taken

Stoneville Loam, Delta Branch Station

Planting date: May 5

Harvest date: IV Early Roundup Ready on September 18

IV Late Roundup Ready on September

24

V Early and V Late Roundup Ready on October 6

Soil Type: Dundee silty clay loam

Soil pH: 6.7

Soil Fertility: P=H K=H

Previous crop: soybeans

Irrigation dates: July 10 and July 28

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A,

Dual II Magnum @ 1 qt/A and Gramoxone SL @ 1 qt/A on May 5

Postemergence - Roundup Powermax @ 32 oz/A and Firstrate @ 0.3 oz/A on July 7

Crop Summary:

Soybean plots were planted into a stale seedbed in early May. Soil moisture at planting was adequate for germination. All plots quickly emerged to a good stand. Ample soil moisture was present throughout the season, supplied by a combination of timely rains and irrigation. This helped for good yields to be achieved. Harvest was completed without any weather delays.

Table 33. Roundup Ready Maturity Group IV Early Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, loam).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Mycogen	5N452R2	98.9	-	-	-	34	1
Armor	44-R08	97.9	99.4	89.4	-	31	1
Croplan	R2C 4541	97.5	97.8	88.4	-	33	1
Mycogen	5N451R2	95.0	101.5	-	-	29	1
Asgrow	AG 4533	93.7	99.6	90.2	-	30	1
Progeny	P4613 RYS	93.0	97.2	-	-	34	1
Dyna-Gro	31RY45	92.5	100.3	90.8	-	34	1
USG	74F24RS	92.4	-	-	-	34	1
Steyer	4303R2	92.0	-	-	-	35	1
Progeny	P4440 RY	91.9	-	-	-	35	1
Asgrow	AG4632	91.0	98.1	88.5	-	28	1
Dyna-Gro	S46RY85	88.4	-	-	-	32	1

Progeny	P4510 RYS	88.2	94.4	85.2	-	39	1
Armor	<i>AX4430</i>	87.9	-	-	-	33	1
Armor	46-R65	86.9	95.0	-	-	32	1
Dyna-Gro	S43RY95	86.9	-	-	-	32	1
Armor	<i>AX4460</i>	86.2	-	-	-	30	1
	DG	86.2					
Delta Grow	4685RR2		-	-	-	26	1
NK Brand	S46-L2	86.1	93.7	-	-	28	1
Progeny	P4211RY	85.7	95.4	86.7	-	29	1
Morsoy Xtra	44X82	85.6	92.0	83.1	-	33	1
Armor	<i>AX4450</i>	85.6	-	-	-	29	1
Delta Grow	4670RR2	85.5	95.9	87.2	-	29	1
Asgrow	AG 4534	84.8	-	-	-	25	1
Morsoy Xtra	<i>46X04</i>	84.5	-	-	-	32	1
USG	74F53R	84.4	89.3	-	-	30	1
NK Brand	S45-V8	83.6	-	-	-	33	1
REV®	46R64T™	81.9	91.1	-	-	29	1
Asgrow	AG 4232	81.1	91.8	83.0	-	22	1
Armor	43-R43	78.4	90.0	-	-	27	1
Armor	<i>AX4440</i>	77.7	-	-	-	27	1
	HBK	76.8					
Hornbeck	RY4620		88.9	81.8	-	32	1
Asgrow	AG 4135	75.8	-	-	-	28	1
Mean		87.4					
LSD (.10)		9.8					
Error df		64					
CV		8.1					
R ²		51.5					

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 34. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, Ioam).

Brand	Variety ¹	Yield			Maturity date ²	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
	DG 4825	92.4					
Delta Grow	RR2/STS		96.8	85.0	-	30	1
Dyna-Gro	<i>SX14847RS</i>	91.3	-	-	-	33	1

Armor	49-R56	90.8	98.0	-	-	27	1
Progeny	P4788RY	90.4	-	-	-	32	1
	DG 4775	89.4					
Delta Grow	RR2/STS		-	-	-	33	1
Progeny	P4848RYS	89.0	-	-	-	32	1
Armor	AX 4470	88.4	-	-	-	28	1
Great Heart Seed	GT482 CR2	87.9	-	-	-	31	1
Delta Grow	DG 4985RR2	87.5	-	-	-	35	1
Dyna-Gro	S47RY13	87.2	91.5	83.8	-	32	1
Progeny	P4900RY	87.0	97.9	87.0	-	28	1
Asgrow	AG 4835	85.8	-	-	-	33	1
Morsoy Xtra	48X02	85.7	92.8	86.5	-	35	1
Mycogen	5N478R2	85.5	94.9	-	-	36	1
Mycogen	5N479R2	84.6	-	-	-	34	1
Dyna-Gro	S48RS53	84.5	88.3	78.1	-	27	1
Morsoy Xtra	49X54	84.1	-	-	-	39	1
Morsoy Xtra	47X12	84.0	90.6	80.3	-	32	1
Dyna-Gro	S49RY25	83.4	-	-	-	32	1
	DG 4930	83.3					
Delta Grow	RR2/STS		-	-	-	30	1
Delta Grow	DG 4880RR	83.1	88.1	79.0	-	26	1
Progeny	P4850RYS	82.8	90.3	81.0	-	34	1
Armor	DK4744	82.6	86.9	79.5	-	29	1
Delta Grow	DG4940RR	82.4	85.3	-	-	24	1
Great Heart Seed	GT476CR2	82.3	90.5	-	-	34	1
REV®	48R44™	82.1	92.4	-	-	28	1
REV®	49A55™	82.1	-	-	-	34	1
Asgrow	AG4934	81.5	95.3	-	-	29	1
REV®	49R94™	80.8	90.7	-	-	33	1
	DG 4765	80.6					
Delta Grow	RR2/STS		91.3	81.1	-	32	1
Croplan	R2C 4752S	79.6	89.2	79.9	-	34	1
Armor	47-R13	79.5	85.3	77.1	-	30	1
NK Brand	S47-K5	79.3	-	-	-	24	1
	MYCX 54490	78.7					
Mycogen	NR2		-	-	-	38	1
Morsoy Xtra	48X34	78.5	-	-	-	29	1
Croplan	R2C 4873	78.4	-	-	-	24	1
Armor	AX 4471	78.2	-	-	-	29	1
Dyna-Gro	DG 37RY47	77.1	86.4	78.8	-	30	1
Armor	48-R66	76.6	89.9	-	-	23	1
REV®	48R22™	76.4	-	-	-	27	1
Delta Grow	DG 4970RR	76.3	83.3	75.3	-	31	1
Delta Grow	DG 4755 RR2	76.3	82.3	76.1	-	30	1
REV®	47R53™	75.8	-	-	-	33	1

Armor	<i>AX 4490</i>	75.6	-	-	-	29	1
USG	74B94RS	75.4	-	-	-	29	1
REV®	47R34™	75.2	89.5	-	-	32	1
USG	74B83R	74.3	89.1	-	-	24	1
MPG	MPG 4714 NRR	73.7	79.1	-	-	40	1
Delta Grow	DG 4925 RR2	71.4	84.6	77.2	-	35	1
Hornbeck	CZ 4959RY	69.7	-	-	-	25	1
Hornbeck	HBK RY4721	69.3	85.0	76.4	-	35	1
Progeny	P4747RY	68.9	84.3	79.4	-	24	1
Armor	<i>AX 4480</i>	67.6	-	-	-	30	1

Mean	81						
LSD	8						
Error df	104						
CV	7.3						
R ²	61.5						

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 35. Roundup Ready Maturity Group V Early Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, loam).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Asgrow	AG5533	97.5	-	-	-	27	1
Dyna-Gro	S52RY75	95.5	-	-	-	24	1

Dyna-Gro	S56RY84	93.1	91.9	-	-	25	1
NK Brand	S55-Q3	92.2	-	-	-	28	1
Asgrow	AG5332	91.4	99.5	84.7	-	25	1
Croplan	R2C 5081	91.4	89.1	78.6	-	23	1
Mycogen	MYCX54522NR2	90.9	-	-	-	26	1
Delta Grow	DG 5480RR2	90.2	94.8	-	-	21	1
Armor	51-R50	90.2	-	-	-	26	1
Delta Grow	DG 5230 RR2	90.1	-	-	-	23	1
Armor	AX4520	90.1	-	-	-	24	1
REV®	52A94™	89.0	-	-	-	27	1
Hornbeck	HBK RY5421	88.8	85.7	75.6	-	23	1
Progeny	P5555RY	88.8	80.4	70.5	-	27	1
Mycogen	5N550R2	88.2	-	-	-	26	1
Morsoy Xtra	51X31	88.1	-	-	-	19	1
REV®	56R63™	88.0	89.4	78.0	-	25	1
Univ. of Arkansas	R10-197RY	86.8	-	-	-	25	1
Asgrow	AG 5535	86.6	-	-	-	24	1
REV®	54R84™	85.8	86.8	76.1	-	20	1
Univ. of Arkansas	R10-130RY	85.7	-	-	-	23	1
Great Heart Seed	GT516CR2	85.3	-	-	-	30	1
Armor	AX4500	85.1	-	-	-	33	1
Asgrow	AG 5335	85.0	-	-	-	30	1
Univ. of Arkansas	R10-428RY	84.9	-	-	-	27	1
Armor	53-R16	84.9	-	76.2	-	22	1
Delta Grow	DG 5575RR2	84.9	88.3	-	-	29	1
MPG	5214NRR	84.8	85.3	-	-	28	1
Progeny	P5333RY	84.7	91.4	-	-	21	1
NK Brand	S52-Y2	84.6	87.5	-	-	30	1
Dyna-Gro	S54RY43	84.2	86.7	77.2	-	26	1
REV®	55R53™	83.4	89.4	79.1	-	24	1
Delta Grow	DG 5556RR	82.9	-	-	-	20	1
REV®	51R53™	82.7	91.0	81.2	-	24	1
Progeny	P5213RY	82.4	92.1	-	-	31	1
Morsoy Xtra	53X82	82.3	-	-	-	24	1
Morsoy Xtra	54X41	82.0	-	-	-	22	1
Morsoy Xtra	56X02	81.6	-	-	-	46	1
Progeny	P5610RY	81.5	-	-	-	18	1
Dyna-Gro	32RY55	80.5	79.7	70.9	-	23	1
Mycogen	5N540R2	80.4	-	-	-	27	1
Delta Grow	DG 5475RR2	78.8	83.8	76.3	-	24	1
Armor	50-R44	78.7	86.9	-	-	34	1

Hornbeck	HBK RY5221	77.9	84.9	76.0	-	25	1
NK Brand	S51-C5	77.0	86.8	-	-	19	1
Great Heart Seed	GT-500CR2S	75.6					
			82.2	76.8	-	21	1
Asgrow	AG5233	74.2	90.4	81.5	-	27	1
REV®	52R74™	74.0	86.8	-	-	30	1
Univ. of Arkansas	<i>R04-1250RR</i>	72.8					
			72.8	-	-	20	1
Univ. of Arkansas	<i>R04-1268RR</i>	72.0					
			72.9	63.8	-	20	1
MPG	5314 NRR	70.4	-	-	-	34	1

Mean 84.5
LSD 5.9
Error df 100
CV 5.2
R² 74.3

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 36. Roundup Ready Maturity Group V Late Irrigated Soybeans (Delta Branch Experiment Station, Stoneville, loam).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
						<i>in</i>	<i>1-5</i>

REV®	57R21™	97.6	94.9	-	-	29	1
Dyna-Gro	39RY57	89.3	86.3	75.6	-	22	1
Asgrow	AG583	85.1					
	1		79.1	69.1	-	19	1
Univ. of Arkansas	<i>R07-6614RR</i>	77.6	-	-	-	26	1
Asgrow	AG5935	66.9	-	-	-	23	1
Mean		83.3					
LSD		11.1					
Error df		8					
CV		8.9					
R ²		79.1					
¹ Variety in italics denotes an experimental entry							
² No maturity dates taken							

Clarksdale Irrigated, Dulaney Farms, Inc.

Planting date: April 24

Harvest date: IV Early & IV Late Roundup Ready on September 26

V Early and V Late Roundup Ready on October 8

Soil Type: Forestdale silty clay

Soil pH: 6.8

Soil Fertility: P=H K=H

Previous crop: soybeans

Irrigation dates: Furrow irrigated, as needed

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A,
Dual II Magnum @ 32 oz/A, Gramoxone SL @ 32 oz/A on April 24

Postemergence - Roundup Powermax @ 32 oz/A and Firstrate @ 0.3 oz/A on July 7

Crop Summary:

The soybean plots were planted into a stale seedbed. All plots quickly emerged to a good stand. Timely rains and irrigation supplied ample soil moisture for the crop throughout the entire season. Plots were harvested without weather delays and good yields were observed.

Table 37. Roundup Ready Maturity Group IV Early Irrigated Soybeans (Dulaney Farms, Coahoma County).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Asgrow	AG4632	90.9	76.7	74.5	9/16	29	1
Croplan	R2C 4541	90.0	71.6	70.1	9/17	33	1

Mycogen	5N451R2	87.5	75.3	-	9/15	32	1
Asgrow	AG 4533	85.8	66.8	63.2	9/15	30	1
Mycogen	5N452R2	85.7	-	-	9/17	31	1
Dyna-Gro	31RY45	84.5	68.5	66.0	9/13	29	1
Progeny	P4613 RYS	81.0	56.5	-	9/17	28	1
Delta Grow	4670RR2	79.3	66.5	67.2	9/15	29	1
Morsoy Xtra	44X82	78.7	63.2	62.4	9/6	34	1
	DG	77.6					
Delta Grow	4685RR2		-	-	9/12	27	1
Dyna-Gro	S43RY95	76.4	-	-	9/16	32	1
Armor	<i>AX4460</i>	75.4	-	-	9/16	34	1
Armor	44-R08	73.1	54.3	56.1	9/4	29	1
Morsoy Xtra	<i>46X04</i>	73.0	-	-	9/10	29	1
Armor	<i>AX4430</i>	72.8	-	-	9/12	36	1
Steyer	4303R2	72.7	-	-	9/16	31	1
Armor	<i>AX4450</i>	72.0	-	-	9/13	29	1
Dyna-Gro	S46RY85	71.8	-	-	9/15	29	1
NK Brand	S45-V8	71.6	-	-	9/10	30	1
Asgrow	AG 4534	70.9	-	-	9/13	28	1
Progeny	P4440 RY	70.8	-	-	9/12	32	1
NK Brand	S46-L2	70.1	65.3	-	9/16	31	1
Armor	46-R65	69.5	62.1	-	9/17	33	1
Progeny	P4211RY	68.4	56.5	57.4	9/6	27	1
Armor	<i>AX4440</i>	68.1	-	-	9/16	27	1
REV®	46R64T™	67.6	58.5	-	9/9	31	1
USG	74F24RS	67.5	-	-	9/14	29	1
Armor	43-R43	67.1	49.9	-	9/6	24	1
USG	74F53R	66.6	58.9	-	9/9	35	1
Asgrow	AG 4135	64.9	-	-	8/29	26	1
Progeny	P4510 RYS	64.8	57.5	58.8	9/14	29	1
	HBK	62.8					
Hornbeck	RY4620		58.2	60.2	9/15	29	1
Asgrow	AG 4232	62.7	50.8	54.2	9/4	30	1
Mean		74					
LSD (.10)		10.1					
Error df		64					
CV		10					
R ²		65.7					

¹Variety in italics denotes an experimental entry

Table 38. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Dulaney Farms, Coahoma County).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Delta Grow	DG 4880RR	81.0	60.0	62.4	9/19	32	1
Progeny	P4848RYS	80.0	-	-	9/17	33	1
Morsoy Xtra	48X02	79.9	75.7	70.4	9/12	34	1
Armor	AX 4471	79.0	-	-	9/16	28	1
Armor	49-R56	78.9	76.4	-	9/19	28	1
NK Brand	S47-K5	78.8	-	-	9/25	26	1
Croplan	R2C 4752S	78.6	73.7	73.6	9/17	33	1
	DG 4765	78.6					
Delta Grow	RR2/STS		67.4	62.5	9/20	34	1
Progeny	P4788RY	78.3	-	-	9/23	33	1
Progeny	P4900RY	77.7	71.9	70.7	9/19	27	1
REV®	47R34™	77.6	73.9	-	9/18	35	1
Great Heart Seed		76.9					
	GT476CR2		68.6	-	9/16	39	1
Armor	47-R13	76.0	68.5	68.8	9/16	34	1
Armor	DK4744	76.0	67.7	67.8	9/10	32	1
Mycogen	5N478R2	75.8	69.0	-	9/20	32	1
Asgrow	AG 4835	75.5	-	-	9/19	31	1
Morsoy Xtra	47X12	75.5	71.5	73.0	9/16	30	1
Dyna-Gro	S48RS53	75.2	71.1	72.4	9/17	29	1
Dyna-Gro	DG 37RY47	74.4	72.7	68.6	9/10	28	1
REV®	49A55™	74.3	-	-	9/17	33	1
Delta Grow	DG 4925 RR2	74.3	69.6	65.2	9/18	31	1
Dyna-Gro	S49RY25	74.2	-	-	9/19	32	1
Delta Grow	DG 4985RR2	73.8	-	-	9/17	35	1
Mycogen	5N479R2	73.6	-	-	9/15	34	1
Great Heart Seed		73.5					
	GT482 CR2		-	-	9/17	31	1
Mycogen	MYCX 54490	73.3	-	-	9/20	32	1

	<i>NR2</i>						
Dyna-Gro	<i>SX14847RS</i>	72.9	-	-	9/17	33	1
USG	74B83R	72.9	70.2	-	9/16	26	1
Delta Grow	DG 4970RR	72.9	56.6	57.7	9/19	32	1
Delta Grow	DG 4755 RR2	72.8	65.3	62.0	9/10	28	1
Morsoy Xtra	<i>49X54</i>	72.7	-	-	9/17	36	1
Progeny	P4850RYS	71.4	68.2	67.3	9/17	31	1
REV®	49R94™	71.3	63.3	-	9/16	34	1
Dyna-Gro	S47RY13	70.9	60.3	61.7	9/13	36	1
Armor	48-R66	70.9	72.0	-	9/18	26	1
Armor	<i>AX 4470</i>	70.6	-	-	9/15	34	1
USG	74B94RS	69.6	-	-	9/18	30	1
	DG 4825	68.8					
Delta Grow	RR2/STS		62.4	61.8	9/17	27	1
REV®	48R22™	68.7	-	-	9/10	29	1
Asgrow	AG4934	67.8	66.5	-	9/12	30	1
REV®	47R53™	67.7	-	-	9/6	34	1
	DG 4775	67.5					
Delta Grow	RR2/STS		-	-	9/12	31	1
Armor	<i>AX 4490</i>	66.7	-	-	9/16	34	1
	DG 4930	66.2					
Delta Grow	RR2/STS		-	-	9/16	32	1
Hornbeck	HBK RY4721	63.9	61.8	62.2	9/18	35	1
Armor	<i>AX 4480</i>	63.5	-	-	9/6	33	1
Morsoy Xtra	<i>48X34</i>	62.8	-	-	9/19	30	1
	MPG 4714	62.1					
MPG	NRR		59.3	-	9/6	41	1
Croplan	R2C 4873	61.8	-	-	9/17	33	1
REV®	48R44™	61.6	62.0	-	9/18	32	1
Hornbeck	CZ 4959RY	60.3	-	-	9/10	32	1
Progeny	P4747RY	54.5	57.7	59.3	9/19	26	1
Delta Grow	DG4940RR	45.5	48.4	-	9/22	23	1
Mean		71.5					
LSD		7.6					
Error df		104					
CV		7.9					
R ²		70.9					

¹Variety in italics denotes an experimental entry

Table 39. Roundup Ready Maturity Group V Early Irrigated Soybeans (Dulaney Farms, Coahoma County).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
REV®	56R63™	89.6	80.3	73.4	9/27	30	1
REV®	52A94™	86.2	-	-	9/22	26	1
Progeny	P5555RY	85.9	81.5	-	10/3	26	1
Croplan	R2C 5081	83.6	78.2	73.6	9/28	25	1
Morsoy Xtra	54X41	83.5	-	-	9/25	26	1
Progeny	P5610RY	83.4	75.1	71.3	9/25	24	1
NK Brand	S55-Q3	83.0	-	-	9/27	26	1
Asgrow	AG5533	82.6	-	-	9/25	27	1
Great Heart Seed	GT516CR2	82.4	-	-	9/17	33	1
Progeny	P5333RY	82.4	72.2	-	9/23	27	1
Morsoy Xtra	51X31	82.3	-	-	9/23	24	1
REV®	54R84™	82.2	79.2	73.0	9/22	21	1
Mycogen	5N550R2	81.7	-	-	10/2	23	1
Asgrow	AG 5335	81.2	-	-	9/23	30	1
Delta Grow	DG 5556RR	80.9	-	-	9/28	24	1
Dyna-Gro	S52RY75	79.5	-	-	9/25	28	1
Mycogen	MYCX54522NR2	78.8	-	-	9/23	25	1
Delta Grow	DG 5480RR2	78.7	70.2	-	9/22	25	1
Asgrow	AG 5535	78.5	-	-	9/27	25	1
Armor	51-R50	78.4	-	-	10/2	27	1
Hornbeck	HBK RY5421	78.1	76.0	72.0	9/27	29	1
MPG	5214NRR	77.8	64.3	-	9/22	31	1
Morsoy Xtra	53X82	77.2	-	-	10/2	28	1
Armor	53-R16	77.1	68.8	68.4	9/27	23	1
REV®	55R53™	76.9	73.6	71.0	10/2	29	1
Hornbeck	HBK RY5221	76.6	72.9	68.7	9/21	29	1
Dyna-Gro	32RY55	76.6	76.4	72.1	9/25	24	1
Armor	AX4500	76.3	-	-	9/19	32	1

	5935						
Asgrow	AG5831	68.2	66.2	63.5	9/27	20	1
	<i>R07-</i>	66.9					
Univ. of Arkansas	<i>6614RR</i>		-	-	9/30	28	1
Mean		74.7					
LSD		10.9					
Error df		8					
CV		9.7					
R^2		72.4					
¹ Variety in italics denotes an experimental entry							

Clarksdale Nonirrigated, Mattson Farms

Planting date: April 24

Harvest date: IV Early Roundup Ready on September 15

IV Late Roundup Ready on September

22

Soil Type: silt loam

Soil pH: 5.5

Soil Fertility: P=H K=H

Previous crop: soybeans

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A,
Dual II Magnum @ 32 oz/A, Gramoxone SL @ 32 oz/A on April 24

Postemergence - Roundup Powermax @ 32 oz/A, Firstrate @ 0.3 oz/A and
Ultra Blazer @ 16 oz/A on July 7

Crop Summary:

The plots were planted into a freshly tilled seedbed. Soil moisture was adequate for germination. The plots quickly emerged to a good stand. Timely rains throughout the season allowed for good, non-irrigated yields. Some deer predation was observed mid-season, but was mainly concentrated within the border that surrounded the trial.

Table 41. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Mattson Farms, Coahoma County).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Croplan	R2C 4541	84.0	78.1	73.2	9/10	30	1

Armor	46-R65	82.7	72.3	-	9/10	32	1
USG	74F24RS	80.7	-	-	9/8	34	1
REV®	46R64T™	78.9	66.3	-	9/8	28	1
Dyna-Gro	31RY45	77.7	72.0	70.4	9/9	32	1
Armor	<i>AX4460</i>	76.9	-	-	9/11	34	1
Armor	<i>AX4450</i>	76.7	-	-	9/8	28	1
NK Brand	S46-L2	76.3	65.9	-	9/6	34	1
Asgrow	AG 4232	75.7	68.6	69.5	9/6	31	1
Steyer	4303R2	74.9	-	-	9/4	33	1
Delta Grow	4670RR2	74.4	61.0	62.5	9/11	28	1
Mycogen	5N452R2	74.1	-	-	9/12	32	1
	HBK	73.6					
Hornbeck	RY4620		73.0	71.5	9/9	30	1
NK Brand	S45-V8	73.3	-	-	9/3	32	1
Armor	43-R43	72.7	62.9	-	9/5	30	1
Progeny	P4510 RYS	71.4	67.0	64.9	9/6	35	1
Progeny	P4613 RYS	71.3	68.8	-	9/12	35	1
Dyna-Gro	S46RY85	70.8	-	-	9/10	31	1
Dyna-Gro	S43RY95	69.8	-	-	9/3	30	1
Asgrow	AG 4533	69.5	66.2	63.1	9/11	36	1
Morsoy Xtra	<i>46X04</i>	69.3	-	-	9/11	31	1
Mycogen	5N451R2	69.0	67.2	-	9/12	36	1
Progeny	P4440 RY	68.4	-	-	8/30	36	1
	DG	68.3					
Delta Grow	4685RR2		-	-	9/11	27	1
Armor	<i>AX4430</i>	67.4	-	-	8/29	35	1
Asgrow	AG 4534	67.4	-	-	9/11	27	1
Morsoy Xtra	44X82	66.3	58.3	59.6	9/5	27	1
Asgrow	AG4632	66.2	68.5	64.1	9/11	29	1
Armor	<i>AX4440</i>	64.7	-	-	9/3	26	1
Armor	44-R08	61.0	61.5	59.9	9/3	34	1
USG	74F53R	60.7	55.5	-	9/9	28	1
Progeny	P4211RY	60.1	61.5	58.6	9/5	31	1
Asgrow	AG 4135	59.0	-	-	8/27	31	1
Mean		71.3					
LSD (.10)		11.5					
Error df		64					
CV		11.8					
R ²		50					

¹Variety in italics denotes an experimental entry

Table 42. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Mattson Farms, Coahoma County).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Delta Grow	DG 4880RR	86.6	77.6	67.2	9/18	31	2
Mycogen	5N479R2	86.2	-	-	9/13	36	1
Asgrow	AG 4835	85.3	-	-	9/5	35	2
Dyna-Gro	S49RY25	80.3	-	-	9/17	33	1
REV®	47R34™	79.7	76.8	-	9/15	37	1
Armor	AX 4471	78.1	-	-	9/6	33	2
MPG	MPG 4714 NRR	74.8	74.0	-	8/31	21	1
Dyna-Gro	S48RS53	74.2	66.2	65.0	9/12	35	1
Delta Grow	DG 4825 RR2/STS	73.4	68.0	59.5	9/16	24	1
REV®	49A55™	73.2	-	-	9/13	34	1
REV®	47R53™	73.0	-	-	9/10	35	2
Croplan	R2C 4873	72.6	-	-	9/10	29	1
Dyna-Gro	SX14847RS	71.3	-	-	9/16	29	1
REV®	49R94™	71.2	69.8	-	9/14	30	1
REV®	48R22™	71.2	-	-	9/4	33	2
Hornbeck	HBK RY4721	69.6	67.7	57.4	9/15	34	1
Delta Grow	DG 4970RR	69.4	62.8	59.8	9/17	36	2
Dyna-Gro	DG 37RY47	69.0	68.1	61.8	9/12	32	1
Morsoy Xtra	48X02	68.5	73.4	68.2	9/12	37	2
Progeny	P4747RY	68.0	76.1	72.4	9/5	27	1
Armor	AX 4470	66.9	-	-	8/25	24	1
Progeny	P4850RYS	66.4	67.6	61.5	9/12	29	1
Armor	AX 4480	66.1	-	-	9/4	29	1
Mycogen	5N478R2	65.8	62.6	-	9/13	25	1
REV®	48R44™	64.8	64.5	-	9/17	36	2
USG	74B83R	64.4	70.2	-	9/12	28	1
Delta Grow	DG 4755 RR2	62.5	64.2	61.8	9/14	30	1
Delta Grow	DG 4930 RR2/STS	61.5	-	-	9/12	33	2
Morsoy Xtra	47X12	61.0	58.8	59.5	9/14	39	1
Armor	48-R66	60.4	66.2	-	9/13	24	1
Armor	DK4744	59.6	63.1	62.7	9/4	30	1

Great Heart Seed	GT476CR2	59.6	72.7	-	9/6	39	2
Asgrow	AG4934	59.3	62.5	-	9/10	34	1
Delta Grow	DG 4775 RR2/STS	58.0	-	-	9/12	31	1
Dyna-Gro	S47RY13	57.8	60.8	60.5	9/17	32	1
Croplan	R2C 4752S	57.8	62.1	64.6	8/31	32	1
Delta Grow	DG 4765 RR2/STS	57.6	59.9	62.5	9/17	28	1
Progeny	P4788RY	57.0	-	-	9/10	34	1
Delta Grow	DG 4925 RR2	56.3	58.8	58.7	9/17	29	1
Armor	49-R56	56.3	59.8	-	9/14	28	1
Progeny	P4848RYS	55.8	-	-	9/9	31	1
Delta Grow	DG4940RR	55.6	58.4	-	9/18	31	1
Progeny	P4900RY	55.3	56.3	57.3	9/13	16	1
Mycogen	<i>MYCX 54490 NR2</i>	55.1	-	-	9/10	38	1
Morsoy Xtra	<i>48X34</i>	54.6	-	-	9/18	31	1
NK Brand	S47-K5	54.0	-	-	8/26	20	1
Great Heart Seed	GT482 CR2	53.4	-	-	8/26	26	1
Delta Grow	DG 4985RR2	53.3	-	-	9/12	36	1
Hornbeck	CZ 4959RY	53.1	-	-	9/12	33	1
Armor	<i>AX 4490</i>	49.4	-	-	8/25	26	1
USG	74B94RS	47.9	-	-	9/17	32	1
Armor	47-R13	45.9	56.6	57.8	9/5	34	1
Morsoy Xtra	<i>49X54</i>	45.3	-	-	9/16	36	2
Mean		64.0					
LSD		11.9					
Error df		104					
CV		13.7					
R^2		68					

¹Variety in italics denotes an experimental entry

Todd Williams Farm, Olive Branch

Planting date: June 19

Harvest date: October 23

Soil Type: Collins silt loam

Soil pH: 5.8

Soil Fertility: P=H K=M

Previous crop:

corn

Fertilizer Added: Preplant - 0-30-105 + 10S

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A and Dual II Magnum 24 oz/A on June 19.

Postemergence - Roundup Powermax @ 24 oz/A and Firstrate @ 0.3 oz/A on July 29

Crop Summary: The soybean plots were planted into a freshly tilled seedbed. Frequent rains occurred throughout the spring, which delayed planting until late June. As a result of warm temperatures and adequate soil moisture, the plots quickly emerged to a good stand. Timely rains were observed throughout the remainder of the growing season, supplying ample soil moisture. The plots were harvested in a timely manner without difficulty and good yields were observed.

Table 43. Roundup Ready Maturity Group IV Early Soybeans (Todd Williams Farm, Olive Branch).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Dyna-Gro	31RY45	67.1	80.5	64.0	9/23	37	1

Armor	46-R65	66.0	81.9	-	9/30	33	1
Morsoy Xtra	<i>46X04</i>	65.0	-	-	9/30	35	1
Dyna-Gro	S46RY85	64.8	-	-	10/7	29	1
Armor	<i>AX4430</i>	64.4	-	-	10/7	34	1
Croplan	R2C 4541	64.3	80.8	63.6	9/30	29	1
Progeny	P4510 RYS	63.3	79.0	65.9	9/30	24	1
	DG	63.2					
Delta Grow	4685RR2		-	-	9/23	29	1
Progeny	P4613 RYS	61.2	82.7	-	9/30	29	1
NK Brand	S46-L2	60.3	77.2	-	10/7	30	1
Asgrow	AG 4534	60.3	-	-	9/23	33	1
NK Brand	S45-V8	60.0	-	-	9/30	28	1
	HBK	59.6					
Hornbeck	RY4620		80.0	65.3	9/30	34	1
Armor	<i>AX4460</i>	59.0	-	-	9/23	32	1
Asgrow	AG 4135	58.3	-	-	9/23	34	1
REV®	46R64T™	58.1	76.9	-	9/30	34	1
Armor	<i>AX4450</i>	57.7	-	-	10/7	27	1
Delta Grow	4670RR2	55.6	71.8	57.0	9/23	35	1
Mycogen	5N451R2	55.5	79.1	-	10/7	36	1
Asgrow	AG4632	55.5	80.4	65.7	9/23	34	1
Mycogen	5N452R2	55.4	-	-	9/30	29	1
Armor	44-R08	55.1	78.5	62.4	10/7	29	1
USG	74F53R	55.0	72.9	-	9/30	31	1
Asgrow	AG 4232	54.0	72.9	60.0	9/23	35	2
Progeny	P4440 RY	54.0	-	-	10/7	31	1
USG	74F24RS	53.7	-	-	10/7	27	1
Steyer	4303R2	52.5	-	-	9/30	33	1
Asgrow	AG 4533	51.4	74.7	62.4	9/23	34	1
Progeny	P4211RY	50.3	75.3	60.0	9/30	32	1
Armor	<i>AX4440</i>	49.3	-	-	9/30	35	1
Morsoy Xtra	44X82	49.2	71.7	58.8	9/23	29	1
Dyna-Gro	S43RY95	39.4	-	-	9/30	29	1
Armor	43-R43	37.9	65.9	-	10/7	29	1
Mean		56.9					
LSD (.10)		10.9					
Error df		64					
CV		14.1					
R ²		60.9					

¹Variety in italics denotes an experimental entry

Table 44. Roundup Ready Maturity Group IV Late Soybeans (Todd Williams Farm, Olive Branch).

Brand	Variety ¹	Yield			Maturity date ²	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Dyna-Gro	S48RS53	77.1	74.8	59.8	-	29	1
REV®	49A55™	74.7	-	-	-	22	1
Delta Grow	DG 4925 RR2	74.1	72.2	57.4	-	32	1
Morsoy Xtra	47X12	73.7	77.8	61.8	-	33	1
	DG 4765	73.6					
Delta Grow	RR2/STS		77.5	59.5	-	36	1
Asgrow	AG4934	72.4	76.5	-	-	34	1
Armor	47-R13	72.3	78.0	62.3	-	28	1
Progeny	P4788RY	71.1	-	-	-	35	1
NK Brand	S47-K5	70.8	-	-	-	25	1
Delta Grow	DG 4755 RR2	70.7	69.0	53.2	-	37	1
Dyna-Gro	S47RY13	70.7	71.1	55.8	-	29	1
Morsoy Xtra	48X02	70.7	77.1	62.2	-	32	1
Asgrow	AG 4835	70.0	-	-	-	31	1
	MYCX 54490	69.2					
Mycogen	NR2		-	-	-	31	1
Progeny	P4850RYS	69.0	78.5	59.5	-	34	1
Great Heart Seed	GT482 CR2	68.8	-	-	-	30	1
Armor	49-R56	68.8	75.1	-	-	28	1
Progeny	P4848RYS	68.4	-	-	-	32	1
	DG 4775	68.4					
Delta Grow	RR2/STS		-	-	-	32	1
Croplan	R2C 4752S	68.3	77.1	58.8	-	30	1
Morsoy Xtra	48X34	68.3	-	-	-	32	1
Dyna-Gro	DG 37RY47	68.2	77.4	59.4	-	28	1
Progeny	P4900RY	67.9	75.3	59.8	-	25	1
Dyna-Gro	SX14847RS	67.8	-	-	-	29	1
Delta Grow	DG 4985RR2	67.7	-	-	-	32	1
Progeny	P4747RY	67.3	71.0	57.2	-	30	1
Delta Grow	DG4940RR	66.8	63.3	-	-	37	4

USG	74B83R	66.5	72.5	-	-	33	1
	DG 4825	66.2					
Delta Grow	RR2/STS		71.1	62.0	-	30	3
REV®	47R34™	66.1	73.7	-	-	35	1
Great Heart		65.9					
Seed	GT476CR2		72.0	-	-	32	1
REV®	48R44™	65.8	71.4	-	-	27	1
Armor	DK4744	65.8	71.6	58.3	-	30	1
Morsoy Xtra	49X54	65.1	-	-	-	38	1
REV®	47R53™	64.9	-	-	-	34	1
Armor	48-R66	64.6	74.8	-	-	27	1
	DG 4930	64.4					
Delta Grow	RR2/STS		-	-	-	25	1
Mycogen	5N479R2	64.4	-	-	-	31	1
Armor	<i>AX 4471</i>	63.9	-	-	-	33	1
Hornbeck	CZ 4959RY	63.6	-	-	-	25	1
Croplan	R2C 4873	61.4	-	-	-	33	1
Armor	<i>AX 4470</i>	60.9	-	-	-	26	1
Armor	<i>AX 4490</i>	60.6	-	-	-	31	1
REV®	48R22™	60.1	-	-	-	27	1
Armor	<i>AX 4480</i>	60.1	-	-	-	31	1
Hornbeck	HBK RY4721	59.5	72.4	56.7	-	38	1
Dyna-Gro	S49RY25	58.6	-	-	-	35	1
Mycogen	5N478R2	58.5	68.9	-	-	36	1
REV®	49R94™	57.2	66.8	-	-	27	1
	MPG 4714	56.6					
MPG	NRR		62.1	-	-	24	1
USG	74B94RS	55.4	-	-	-	33	1
Delta Grow	DG 4970RR	53.7	60.2	56.3	-	33	1
Delta Grow	DG 4880RR	53.5	63.6	57.5	-	32	1

Mean	66	
LSD	7.8	
Error df	104	
CV	8.8	
R ²	73.4	

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 45. Roundup Ready Maturity Group V Early Soybeans (Todd Williams Farm, Olive Branch).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Dyna-Gro	32RY55	86.1	85.7	70.6	10/15	36	2
Mycogen	5N550R2	83.2	-	-	10/21	38	2
Delta Grow	DG 5556RR	82.8	-	-	10/7	36	2
Armor	53-R16	80.5	78.5	61.2	10/15	39	3
Asgrow	AG5533	79.6	-	-	10/21	40	3
Asgrow	AG 5535	79.2	-	-	10/15	30	1
REV®	56R63™	79.1	78.1	66.8	10/15	34	3
NK Brand	S55-Q3	78.8	-	-	10/7	39	3
Dyna-Gro	S56RY84	78.1	80.2	-	10/21	41	3
Progeny	P5610RY	77.6	78.0	65.3	10/7	28	1
Armor	AX4520	76.0	-	-	10/15	29	4
Morsoy Xtra	54X41	75.8	-	-	10/7	31	1
Armor	51-R50	75.4	-	-	10/7	30	2
Progeny	P5555RY	74.0	76.8	-	10/7	31	1
REV®	55R53™	74.0	78.9	67.2	10/15	33	1
Croplan	R2C 5081	73.9	78.8	60.5	10/7	33	2
Morsoy Xtra	56X02	72.9	-	-	10/21	41	2
Mycogen	5N540R2	72.8	-	-	10/21	35	3
Delta Grow	DG 5480RR2	72.7	69.1	-	10/7	34	2
NK Brand	S52-Y2	72.7	82.0	-	10/7	31	1
Morsoy Xtra	51X31	72.0	-	-	10/7	34	2
Progeny	P5333RY	70.6	74.2	-	10/7	32	1
Delta Grow	DG 5230 RR2	70.6	-	-	10/15	34	2
MPG	5214NRR	70.6	64.2	-	10/7	42	3
Dyna-Gro	S52RY75	70.4	-	-	10/21	38	4
Mycogen	MYCX54522NR2	70.2	-	-	10/15	32	3
Univ. of Arkansas	R04-1250RR	70.2	70.9	-	10/15	31	2
REV®	52A94™	70.2	-	-	10/7	37	4
Dyna-Gro	S54RY43	70.1	68.3	59.5	10/15	36	4
Armor	AX4500	69.1	-	-	10/15	36	1
Univ. of	R10-197RY	68.9	-	-	10/7	31	1

Arkansas							
Asgrow	AG 5335	68.7	-	-	10/15	34	1
REV®	51R53™	68.4	73.1	57.1	10/21	34	1
REV®	52R74™	68.2	71.2	-	10/7	33	1
REV®	54R84™	68.0	70.6	57.8	10/7	30	1
Hornbeck	HBK RY5421	67.9	72.1	53.7	10/21	33	2
Great Heart Seed	GT-500CR2S	66.1					
			70.4	56.4	10/21	25	1
MPG	5314 NRR	65.3	-	-	10/7	32	1
Univ. of Arkansas	<i>R10-130RY</i>	65.2	-	-	10/15	27	1
NK Brand	S51-C5	65.1	-	-	10/15	25	2
Morsoy Xtra	53X82	65.1	-	-	10/7	33	3
Great Heart Seed	GT516CR2	65.0	-	-	10/21	32	1
Hornbeck	HBK RY5221	63.1	71.6	55.8	10/21	35	2
Delta Grow	DG 5575RR2	63.0	66.8	-	10/7	34	1
Armor	50-R44	62.2	-	-	10/15	34	1
Asgrow	AG5332	61.4	73.1	57.2	10/7	31	1
Univ. of Arkansas	<i>R04-1268RR</i>	61.0					
			63.5	50.1	10/7	28	2
Delta Grow	DG 5475RR2	60.9	68.5	58.4	10/7	29	1
Asgrow	AG5233	60.6	74.8	57.6	10/15	31	1
Univ. of Arkansas	<i>R10-428RY</i>	60.1	-	-	10/15	31	1
Progeny	P5213RY	59.1	69.0	-	9/30	35	1

Mean	70.6
LSD	8.5
Error df	100
CV	8.9
R^2	74.5

¹Variety in italics denotes an experimental entry

Table 46. Roundup Ready Maturity Group V Late Nonirrigated Soybeans (Todd Williams Farm, Olive Branch).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		bu/A	bu/A	bu/A			
Dyna-Gro	39RY57	78.6	75.8	62.8	-	-	1-5

Asgrow	AG5831	74.0	67.7	59.0	-	-	-
	AG	73.4					
Asgrow	5935		-	-	-	-	-
REV®	57R21™	68.7	67.8	-	-	-	-
	<i>R07-</i>	67.4					
Univ. of Arkansas	<i>6614RR</i>		-	-	-	-	-
Mean		72.4					
LSD		11.6					
Error df		8					
CV		10.5					
R^2		58.5					

¹Variety in italics denotes an experimental entry

Longwood, Steele Farms

Planting date: April 26

Harvest date: September 25

Soil Type: Sharkey clay

Soil pH: 6.9

Soil Fertility: P=H K=H

Previous crop: rice

Irrigation dates: Furrow irrigated, as needed

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A,

Dual II Magnum 32 oz/A and Gramoxone SL @ 32 oz/A on April 26

Postemergence - Roundup Ready, Liberty Link, and Conventional - Select @ 12 oz/A,

Firstrate @ 32 oz/A and Ultra Blazer @ 24 oz/A on June 19

Roundup Ready - Roundup Powermax @ 32 oz/A, Dual II Magnum @ 24 oz/A and

Classic @ 0.75 oz/A on July 8

Liberty Link - Liberty @ 29 oz/A, Dual II Magnum @ 24 oz/A and Classic @ 0.75 oz/A

on July 8

Conventional - Select @ 12 oz/A, Dual II Magnum @ 24 oz/A and Classic @ 0.75 oz/A

on July 8

Crop Summary:

Soil moisture was very high at the time of planting. Just prior to planting, the soil was lightly distilled in order to try and dry out the soil enough to plant. The plots were planted in late April and quickly emerged to a good stand. Abundant rainfall was observed in the weeks following planting, resulting in very saturated soil conditions. These saturated conditions seemed to stunt the plants and not allow them to obtain much overall plant height and canopy the middles. A combination of rainfall and timely irrigations allowed for adequate soil moisture throughout the remainder of the season. Harvest was completed in a timely manner; however, some shattering was observed in some of the earlier maturing varieties.

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score	Shattering
		2014	2-yr. avg.	3-yr. avg.				
		bu/	bu/A	bu/A		(in)	(1-5)	(%)

		A						
Univ. of Missouri	<i>S11-20356</i>	53.	-	-	-	18	1	-
MPG	483C	51.	-	-	-	22	1	-
Univ. of Arkansas	<i>R05-3239</i>	46.						
		3	64.1	66.1	-	15	1	-
USG	Ellis	44.	-	-	-	15	1	-
Univ. of Missouri	<i>S09-6262</i>	2	-	-	-	17	1	5
Univ. of Arkansas	<i>R09-4571</i>	42.	-	-	-	16	1	-
Univ. of Arkansas	<i>R08-2797</i>	37.	-	-	-	21	1	-
		1	-	-	-			
		36.	-	-	-			
		5	-	-	-			
Mean		44.						
LSD		5						
Error df		9						
CV		12						
R^2		13.						
		8						
		67.						
		4						

Table 48. Maturity Group V Conventional Irrigated Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		bu/	bu/A	bu/A		(in)	(1-5)

		A					
Univ. of Missouri	<i>511-20124</i>	64.5	-	-	-	24	1
	UA	59.5					
Univ. of Arkansas	5612	-	-	-	-	20	1
Stratton Seed	Leland	55.9	65.7	-	-	18	1
	<i>JTN-5110</i>	55.7		-			
USDA-ARS						18	1
Univ. of Arkansas	Osage	51.5	66.0	65.4	-	13	1
Univ. of Arkansas	Ozark	49.5	65.6	67.9	-	14	1
	UA	47.4	69.5	67.9			
Univ. of Arkansas	5213C				-	15	1
	<i>R09-430</i>	45.9	-		-	15	1
Univ. of Arkansas							
Univ. of Arkansas	<i>R05-374</i>	45.4	61.1	-	-	16	1
Mean		52.8					
LSD		9.5					
Error df		16					
CV		12.6					
R sq		67.6					

¹ Variety in italics denotes an experimental entry	
² No maturity dates taken	

Table 49. Roundup Ready Maturity Group IV Early Irrigated Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield		Maturity date ²	Plant height	Lodging score	Shattering
		2014	2-yr. avg.				

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>	<i>(%)</i>
Asgrow	AG4632	61.6	72.8	70.4	-	21	1	-
Mycogen	5N452R2	58.3	-	-	-	20	1	-
Dyna-Gro	31RY45	56.3	65.8	64.3	-	20	1	-
NK Brand	S45-V8	55.9	-	-	-	20	1	-
NK Brand	S46-L2	55.0	70.8	-	-	20	1	5
	P4510	53.9						
Progeny	RYS		61.8	60.6	-	16	1	-
Mycogen	5N451R2	52.3	67.8	-	-	19	1	-
Croplan	R2C 4541	50.6	66.8	64.8	-	23	1	-
Delta Grow	4670RR2	48.9	64.1	65.2	-	19	1	-
USG	74F53R	48.8	60.8	-	-	20	1	-
Asgrow	AG 4533	48.6	61.4	61.2	-	21	1	-
Armor	AX4460	48.3	-	-	-	20	1	-
	P4613	48.3						
Progeny	RYS		64.8	-	-	22	1	-
	HBK	48.0						
Hornbeck	RY4620		63.2	58.5	-	20	1	-
Steyer	4303R2	46.9	-	-	-	18	1	5
Morsoy		45.8						
Xtra	44X82		58.3	55.7	-	19	1	-
USG	74F24RS	45.4	-	-	-	14	1	10
REV®	46R64T™	44.9	63.2	-	-	14	1	5
Asgrow	AG 4232	43.8	59.7	53.4	-	18	1	-
Armor	AX4450	43.6	-	-	-	20	1	-
Armor	46-R65	43.3	61.9	-	-	20	1	-
Dyna-Gro	S43RY95	42.9	-	-	-	16	1	-
Dyna-Gro	S46RY85	42.8	-	-	-	16	1	10
Asgrow	AG 4534	41.8	-	-	-	21	1	-
Morsoy		41.4						
Xtra	46X04		-	-	-	15	1	5
	DG	39.2						
Delta Grow	4685RR2		-	-	-	23	1	-
Armor	AX4440	35.9	-	-	-	18	1	-
Progeny	P4440 RY	35.5	-	-	-	16	1	25
Asgrow	AG 4135	33.7	-	-	-	15	1	10
Armor	44-R08	33.3	50.7	50.8	-	15	1	5
Progeny	P4211RY	33.2	58.5	56.0	-	15	1	10
Armor	AX4430	32.1	-	-	-	21	1	15
Armor	43-R43	28.0	50.8	-	-	16	1	5
Mean		54.6						
LSD (.10)		10.1						
Error df		64						
CV		16.4						
R ²		67						

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 50. Roundup Ready Maturity Group IV Late Irrigated Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height <i>in</i>	Lodging score <i>(1-5)</i>	Shattering <i>(%)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>				
Delta Grow	DG4940RR	64.0	70.4	-	-	21	1	-
Armor	<i>AX 4470</i>	63.8	-	-	-	20	1	-
Progeny	P4848RYS	63.4	-	-	-	22	1	-
Armor	<i>AX 4471</i>	60.6	-	-	-	23	1	-
	DG 4775	58.6	-	-	-	25	1	-
Delta Grow	RR2/STS		-	-	-	20	1	-
Morsoy Xtra	<i>48X34</i>	58.6	-	-	-	23	1	5
Armor	49-R56	58.0	70.3	-	-	21	1	-
Dyna-Gro	DG 37RY47	56.8	69.3	68.0	-	17	1	-
	DG 4930	56.0	-	-	-	19	1	-
Delta Grow	RR2/STS		-	-	-	23	1	-
Dyna-Gro	<i>SX14847RS</i>	55.8	-	-	-	20	1	-
Asgrow	AG4934	55.2	68.4	-	-	21	1	-
REV®	49R94™	54.9	64.7	-	-	21	1	-
Great Heart Seed	GT482 CR2	54.4	-	-	-	23	1	-
Delta Grow	DG 4925 RR2	54.0	64.3	66.9	-	19	1	-
	DG 4825	53.3	66.2	68.0	-	21	1	-
Delta Grow	RR2/STS		-	-	-	21	1	5
Armor	<i>AX 4490</i>	53.1	-	-	-	18	1	5
REV®	47R53™	53.0	-	-	-	22	1	5
REV®	49A55™	52.9	-	-	-	25	1	-
Morsoy Xtra	47X12	52.7	65.1	68.1	-	20	1	5
Morsoy Xtra	<i>49X54</i>	51.8	-	-	-	17	1	-
Mycogen	5N478R2	51.5	62.5	-	-	16	1	-
Armor	47-R13	51.4	63.4	66.2	-			
Croplan	R2C 4752S	51.2	63.4	64.4	-			

Progeny	P4900RY	51.1	66.5	70.1	-	18	1	-
	DG 4765	51.0						
Delta Grow	RR2/STS		65.2	67.3	-	18	1	-
Armor	AX 4480	50.9	-	-	-	23	1	-
REV®	48R44™	50.8	64.7	-	-	22	1	-
MPG	MPG 4714 NRR	50.6	57.1	-	-	24	1	-
Delta Grow	DG 4985RR2	49.9	-	-	-	24	1	-
Dyna-Gro	S49RY25	49.8	-	-	-	28	1	-
Armor	DK4744	49.7	62.8	65.7	-	21	1	-
Morsoy Xtra	48X02	49.5	64.0	64.1	-	19	1	10
Great Heart Seed	GT476CR2	49.3	64.6	-	-	27	1	-
NK Brand	S47-K5	49.2	-	-	-	16	1	-
Progeny	P4788RY	49.1	-	-	-	23	1	-
Delta Grow	DG 4880RR	48.6	60.3	61.7	-	22	1	-
Dyna-Gro	S48RS53	47.6	61.4	62.7	-	19	1	-
	<i>MYCX 54490</i>	47.0						
Mycogen	<i>NR2</i>		-	-	-	15	1	-
Asgrow	AG 4835	46.3	-	-	-	22	1	-
REV®	47R34™	46.2	60.1	-	-	20	1	5
Progeny	P4850RYS	45.7	62.2	64.6	-	21	1	-
Progeny	P4747RY	45.1	62.9	66.3	-	17	1	-
USG	74B94RS	44.8	-	-	-	18	1	-
Delta Grow	DG 4755 RR2	44.5	60.2	62.2	-	18	1	10
Mycogen	5N479R2	43.9	-	-	-	17	1	-
REV®	48R22™	42.8	-	-	-	15	1	10
Dyna-Gro	S47RY13	42.6	58.3	61.5	-	21	1	10
Hornbeck	CZ 4959RY	42.4	-	-	-	20	1	-
Delta Grow	DG 4970RR	41.2	56.5	60.5	-	25	1	-
Hornbeck	HBK RY4721	41.0	58.1	59.8	-	22	1	-
Croplan	R2C 4873	40.2	-	-	-	14	1	-
Armor	48-R66	38.5	57.3	-	-	15	1	-
USG	74B83R	34.8	56.4	-	-	17	1	-
Mean		50.4						
LSD		8.4						
Error df		104						
CV		12.4						
R ²		68.4						

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 51 . Roundup Ready Maturity Group V Early Irrigated Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
NK Brand	S55-Q3	86.0	-	-	-	19	1
Morsoy Xtra	56X02	79.1	-	-	-	42	2
Progeny	P5555RY	76.0	74.6	-	-	21	1
MPG	5214NRR	73.8	69.3	-	-	22	1
Asgrow	AG 5535	73.7	-	-	-	19	1
Delta Grow	DG 5556RR	72.8	-	-	-	16	1
Dyna-Gro	S56RY84	72.0	72.8	-	-	20	1
REV®	55R53™	71.6	76.5	75.5	-	16	1
Croplan	R2C 5081	71.3	73.3	69.1	-	19	1
Mycogen	5N550R2	71.1	-	-	-	21	1
REV®	56R63™	70.1	73.1	69.4	-	17	1
Morsoy Xtra	54X41	69.1	-	-	-	16	1
Asgrow	AG5533	68.6	-	-	-	19	1
REV®	54R84™	67.9	74.0	72.5	-	14	1
Morsoy Xtra	53X82	65.9	-	-	-	17	1
Delta Grow	DG 5230 RR2	65.6	-	-	-	21	1
Delta Grow	DG 5575RR2	65.5	70.3	-	-	17	1
Dyna-Gro	32RY55	65.4	72.1	72.5	-	20	1
Univ. of Arkansas	R10-197RY	65.1	-	-	-	17	1
Mycogen	MYCX54522NR2	65.1	-	-	-	15	1
Progeny	P5610RY	63.4	72.1	69.9	-	17	1
Armor	53-R16	63.1	71.4	69.7	-	18	1
Armor	51-R50	62.8	-	-	-	21	1
REV®	52A94™	62.4	-	-	-	21	1
Armor	AX4520	61.9	-	-	-	18	1
NK Brand	S51-C5	61.8	-	-	-	15	1
Univ. of Arkansas	R10-130RY	61.5	-	-	-	16	1
Morsoy Xtra	51X31	61.0	-	-	-	15	1
Asgrow	AG 5335	60.9	-	-	-	23	1
Progeny	P5333RY	58.0	69.5	-	-	20	1
Great Heart Seed	GT516CR2	56.7	-	-	-	22	1
Hornbeck	HBK RY5421	56.6	64.8	63.5	-	19	1
Univ. of Arkansas	R04-1250RR	56.4	63.4	-	-	15	1
REV®	52R74™	56.1	66.1	-	-	22	1

Armor	50-R44	55.8	-	-	-	28	1
Dyna-Gro	S54RY43	54.0	67.7	65.5	-	16	1
Hornbeck	HBK RY5221	53.8	62.5	62.2	-	20	1
MPG	5314 NRR	52.8	-	-	-	25	1
Delta Grow	DG 5480RR2	51.9	63.9	-	-	21	1
REV®	51R53™	50.9	59.0	58.4	-	20	1
Dyna-Gro	S52RY75	50.0	-	-	-	17	1
Progeny	P5213RY	49.9	60.7	-	-	26	1
Asgrow	AG5332	49.5	61.1	64.5	-	21	1
Armor	<i>AX4500</i>	49.4	-	-	-	27	1
Delta Grow	DG 5475RR2	49.1	60.3	59.5	-	17	1
Univ. of Arkansas	<i>R10-428RY</i>	48.8	-	-	-	21	1
NK Brand	S52-Y2	47.2	56.9	-	-	20	1
Asgrow	AG5233	45.3	63.2	61.7	-	22	1
Mycogen	5N540R2	44.5	-	-	-	18	1
Univ. of Arkansas	<i>R04-1268RR</i>	40.1	54.1	53.5	-	13	1
Great Heart Seed	GT-500CR2S	40.1	53.2	55.8	-	16	1

Mean	60.6			
LSD	7.9			
Error df	100			
CV	9.7			
R ²	83			

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 52. Roundup Ready Maturity Group V Late Irrigated Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height <i>in</i>	Lodging score <i>1-5</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Univ. of Arkansas	<i>R07-6614RR</i>	77.0	-	-	-	21	1

REV®	57R21™	73.9	78.5	-	-	19	1
Dyna-Gro	39RY57	70.2	75.8	73.6	-	21	1
Asgrow	AG 5935	63.2	-	-	-	18	1
Asgrow	AG5831	61.3	69.5	66.9	-	17	1
Mean		69.1					
LSD		9					
Error df		8					
CV		8.7					
R ²		71.7					
¹ Variety in italics denotes an experimental entry							
² No maturity dates taken							

Table 53. Maturity Group IV LL Irrigated Soybeans (Steel Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score	Shattering
		2014	2-yr. avg.	3-yr. avg.				
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>(in)</i>	<i>(1-5)</i>	<i>(%)</i>
Dyna-Gro	S49LL34	67.6	69.2	-	-	31	1	-
Delta Grow	DG 4967LL	67.1	-	-	-	37	1	-
REV®	49L29™	64.3	-	-	-	28	1	-
Progeny	P4930LL	64.1	68.9	-	-	30	1	-
	DG	62.4						
Delta Grow	4767LL/STS		68.1	-	-	32	1	-
Hornbeck	LL 4950	59.4	65.5	-	-	32	1	-
Hornbeck	HBK LL4953	58.7	-	-	-	26	1	-
USG	74G74LS	57.7	-	-	-	38	1	-
Dyna-Gro	S49LS65	56.6	-	-	-	37	1	-
Halo	4:97	56.6	62.0	-	-	39	1	-
	DG	56.2						
Delta Grow	4981LL/STS		60.4	67.6	-	44	2	-
Halo	4:94	54.4	63.9	66.7	-	37	1	-

Progeny	P4928LL	54.4	62.6	64.6	-	35	1	-
GoSoy	4914	54.2	-	-	-	35	1	-
GoSoy	4713	54.0	-	-	-	37	1	-
Halo	<i>X449</i>	53.1	-	-	-	35	1	-
Delta Grow	DG 4990LL	52.2	62.2	45.2	-	32	1	-
Progeny	P 4620 LLS	49.2	-	-	-	31	1	-
Hornbeck	<i>CZ 4748LL</i>	48.6	-	-	-	23	1	-
Halo	<i>X448</i>	47.2	-	-	-	24	1	-
Halo	4:95	46.3	-	-	-	28	1	-
Progeny	P4819LL	44.0	56.1	58.9	-	24	1	-
Delta Grow	DG 4867LL	43.6	-	-	-	26	1	-
Halo	4:76	37.1	-	-	-	28	1	-
Hornbeck	LL 4650	32.5	53.0	-	-	17	1	-
Hornbeck	LL 4850	31.6	50.4	-	-	20	1	-
Progeny	P4560LL	26.2	50.1	-	-	23	1	-
Halo	4:40	24.1	-	-	-	25	1	10
Mean		50.8						
LSD		7.6						
Error df		54						
CV		10.9						
R sq		87.5						

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Table 54. Maturity Group V Liberty Link Soybeans (Steele Farms, Washington County).

Brand	Variety ¹	Yield			Maturity date ²	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
Delta Grow	DG 5067LL	72.5	-	-	-	26	1
Halo	<i>X451</i>	66.5	-	-	-	31	1

Halo	<i>X452</i>	66.1	-	-	-	33	1
	<i>CZ</i>	65.6	-	-	-		
Hornbeck	<i>5150LL</i>			-	-	27	1
Hornbeck	5242LL	65.6	-	-	-	32	1
Halo	5:01	65.5	-	-	-	37	1
Halo	5:25	63.2	-	-	-	16	1
REV®	55L95™	62.0	-	-	-	34	1
GoSoy	5214	61.9	-	-	-	31	1
Progeny	P5220LLS	61.0	-	-	-	36	1
Progeny	P5460LL	59.0	64.3	65.5	-	28	1
	DG	58.9	-	-	-		
Delta Grow	5367LL			-	-	22	1
Halo	5:26	57.4	-	-	-	19	1
	DG	55.3					
Delta Grow	5461LL		65.6	67.4	-	27	1
Progeny	P5160LL	41.8	67.8	69.2	-	12	1
Progeny	P5960LL	40.1	61.7	62.5	-	14	1
	DG	36.7					
Delta Grow	5481LL		56.0	-	-	21	1
Halo	5:45	33.3	60.3	61.1	-	15	1
Mean		57.3					
LSD		12.2					
Error df		34					
CV		15.5					
R ²		72.4					

¹Variety in italics denotes an experimental entry

²No maturity dates taken

Brooksville, Black Belt Station

Planting date: April 25

Harvest date: IV Early & IV Late Roundup Ready on August 28

IV Conventional on September 8

V Conventional on September 19

		<i>bu/</i> <i>A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
Univ. of Missouri	<i>S11-20356</i>	64.4	-	-	8/30	24	1
Univ. of Arkansas	<i>R09-4571</i>	55.5	-	-	8/23	37	1
MPG	483C	55.3	-	-	8/28	32	1
USG	Ellis	53.6	-	-	8/30	21	1
Univ. of Arkansas	<i>R05-3239</i>	52.5	49.3	53.3	8/29	23	1
Univ. of Missouri	<i>S09-6262</i>	51.5	-	-	8/22	33	1
Univ. of Arkansas	<i>R08-2797</i>	50.5	-	-	8/26	30	1
Mean		54.8					
LSD		7					
Error df		12					
CV		8.8					
R^2		62.2					

¹ Variety in italics denotes an experimental entry	

Table 56. Maturity Group V Conventional Nonirrigated Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield		Maturity date	Plant height	Lodging score
		2014	2-yr. avg.			

		<i>bu/</i> <i>A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
USDA-ARS	<i>JTN-5110</i>	56.7	-	-	8/29	38	1
Univ. of Arkansas	<i>R09-430</i>	53.4	-	-	9/5	22	1
Univ. of Arkansas	UA 5612	50.5	-	-	9/9	20	1
Univ. of Arkansas	<i>R05-374</i>	50.4	50.2	-	9/4	18	1
Stratton Seed	Leland	50.3	51.7	-	8/30	24	1
Univ. of Missouri	<i>S11-20124</i>	49.4	-	-	9/16	23	1
Univ. of Arkansas	UA 5213C	48.4	52.9	53.5	9/4	21	1
Univ. of Arkansas	Ozark	45.6	43.3	50.8	9/4	24	1
Univ. of Arkansas	Osage	44.5	46.0	50.9	9/3	20	1
Mean		49.9					
LSD		7.2					
Error df		16					
CV		10.1					
R sq		50.7					

¹ Variety in italics denotes an experimental entry	

Table 57. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			

Morsoy Xtra	<i>46X04</i>	60.6	-	-	8/18	31	1
Dyna-Gro	31RY45	60.5	59.2	62.4	8/18	31	1
Mycogen	5N452R2	59.9	-	-	8/17	31	1
Croplan	R2C 4541	59.2	58.6	62.6	8/18	30	1
Armor	46-R65	59.0	56.1	-	8/15	32	1
	DG	58.9					
Delta Grow	4685RR2		-	-	8/18	27	1
Armor	<i>AX4450</i>	58.6	-	-	8/18	29	1
Dyna-Gro	S46RY85	58.4	-	-	8/18	30	1
Asgrow	AG 4533	57.8	57.2	59.1	8/14	35	1
USG	74F24RS	57.4	-	-	8/16	35	1
Dyna-Gro	S43RY95	57.4	-	-	8/16	33	1
Progeny	P4613 RYS	57.1	57.8	-	8/18	33	1
Asgrow	AG4632	56.7	55.8	59.4	8/20	30	1
Morsoy Xtra	44X82	55.7	55.7	56.0	8/15	31	1
Steyer	4303R2	55.2	-	-	8/15	36	1
Progeny	P4440 RY	55.1	-	-	8/14	36	1
NK Brand	S46-L2	54.8	63.4	-	8/15	35	1
Armor	44-R08	54.7	58.0	58.4	8/16	27	1
Armor	<i>AX4430</i>	54.3	-	-	8/16	31	1
Armor	<i>AX4460</i>	54.1	-	-	8/18	33	1
Mycogen	5N451R2	53.5	58.9	-	8/18	34	1
Asgrow	AG 4534	53.4	-	-	8/18/	30	1
Progeny	P4510 RYS	53.1	52.9	57.1	8/15	31	1
Delta Grow	4670RR2	52.4	55.9	56.9	8/19	32	1
Asgrow	AG 4232	51.9	53.3	57.0	8/18	22	1
Armor	43-R43	51.8	54.3	-	8/18	26	1
Progeny	P4211RY	50.2	53.7	54.3	8/15	28	1
REV®	46R64T™	50.0	54.0	-	8/16	29	1
	HBK	48.6					
Hornbeck	RY4620		52.6	56.1	8/25	30	1
NK Brand	S45-V8	47.3	-	-	8/14	33	1
Asgrow	AG 4135	46.2	-	-	8/14	27	1
USG	74F53R	45.0	50.4	-	8/18	29	1
Armor	<i>AX4440</i>	40.6	-	-	8/15	29	1
Mean		54.2					
LSD (.10)		6.5					
Error df		64					
CV		8.7					
R ²		61.3					

¹Variety in italics denotes an experimental entry

Table 58. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
REV®	47R34™	65.9	63.6	-	8/15	38	1
	DG 4765	63.8					
Delta Grow	RR2/STS		61.0	68.1	8/21	35	1
	MYCX 54490	62.2					
Mycogen	NR2		-	-	8/21	37	1
REV®	47R53™	62.1	-	-	8/15	35	1
Armor	47-R13	61.8	61.7	65.3	8/22	33	1
Morsoy Xtra	47X12	60.9	61.7	66.9	8/18	35	1
	DG 4775	60.7					
Delta Grow	RR2/STS		-	-	8/18	31	1
Dyna-Gro	SX14847RS	60.0	-	-	8/17	34	1
Mycogen	5N479R2	60.0	-	-	8/21	37	1
Morsoy Xtra	49X54	59.8	-	-	8/17	39	1
Armor	49-R56	59.8	55.9	-	8/22	29	1
Croplan	R2C 4752S	59.5	65.2	68.2	8/22	32	1
Morsoy Xtra	48X02	59.4	65.2	65.5	8/16	37	1
Great Heart Seed		59.3					
	GT476CR2		62.8	-	8/15	36	1
NK Brand	S47-K5	59.1	-	-	8/16	31	1
Progeny	P4850RYS	59.0	59.6	65.7	8/22	32	1
Dyna-Gro	S47RY13	58.4	57.9	60.4	8/18	36	1
Armor	AX 4470	58.4	-	-	8/18	32	1
USG	74B83R	58.1	56.6	-	8/18	32	1
REV®	48R44™	58.0	56.4	-	8/18	31	1
Armor	AX 4471	57.2	-	-	8/17	30	1
Progeny	P4788RY	56.9	-	-	8/17	31	1
REV®	49R94™	56.5	56.1	-	8/16	33	1
MPG	MPG 4714 NRR	56.3	52.5	-	8/25	34	1
Progeny	P4848RYS	56.3	-	-	8/17	31	1
Armor	AX 4480	55.8	-	-	8/18	31	1
Delta Grow	DG 4985RR2	55.8	-	-	8/20	38	1
Delta Grow	DG 4755 RR2	55.8	59.4	60.3	8/17	31	1

Armor	<i>AX 4490</i>	55.4	-	-	8/21	35	1
Great Heart Seed	GT482 CR2	54.9	-	-	8/18	33	1
Mycogen	5N478R2	54.6	58.8	-	8/18	38	1
Morsoy Xtra	<i>48X34</i>	54.6	-	-	8/16	29	1
Progeny	P4900RY	54.5	58.4	58.7	8/22	28	1
Dyna-Gro	S48RS53	54.1	58.3	60.2	8/20	35	1
Asgrow	AG4934	54.0	54.0	-	8/17	38	1
REV®	49A55™	54.0	-	-	8/15	32	1
Dyna-Gro	S49RY25	53.8	-	-	8/20	35	1
Armor	DK4744	52.8	50.7	55.7	8/16	31	1
Progeny	P4747RY	52.4	56.5	57.8	8/15	29	1
Dyna-Gro	DG 37RY47	52.2	56.9	58.8	8/17	29	1
Asgrow	AG 4835	51.4	-	-	8/16	37	1
USG	74B94RS	50.6	-	-	8/15	34	1
Hornbeck	HBK RY4721	50.3	56.8	57.5	8/16	36	1
Croplan	R2C 4873	50.3	-	-	8/23	29	1
Hornbeck	CZ 4959RY	49.9	-	-	8/22	32	1
	DG 4930	49.9					
Delta Grow	RR2/STS		-	-	8/19	31	1
REV®	48R22™	49.8	-	-	8/20	27	1
Delta Grow	DG 4970RR	49.0	52.3	58.5	8/20	35	1
Armor	48-R66	49.0	56.5	-	8/21	29	1
	DG 4825	49.0					
Delta Grow	RR2/STS		54.2	59.8	8/18	32	1
Delta Grow	DG 4880RR	45.6	51.0	52.6	8/19	32	1
Delta Grow	DG 4925 RR2	44.6	50.5	55.4	8/18	37	1
Delta Grow	DG4940RR	33.3	47.9	-	8/27	37	1

Mean	55.2	
LSD	6.9	
Error df	104	
CV	9.2	
R ²	67.1	

¹Variety in italics denotes an experimental entry

Table 59. Roundup Ready Maturity Group V Early Nonirrigated Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			

Delta Grow	DG 5230 RR2	59.9	-	-	9/5	28	1
Dyna-Gro	S52RY75	59.4	-	-	8/30	31	1
REV®	55R53™	58.6	58.7	59.0	8/29	32	1
NK Brand	S55-Q3	58.5	-	-	8/28	31	1
Dyna-Gro	32RY55	58.0	54.9	57.3	9/12	24	1
REV®	51R53™	58.0	53.5	52.9	8/22	27	1
Armor	AX4520	56.8	-	-	8/28	26	1
Univ. of Arkansas	R10-130RY	56.0	-	-	9/2	24	1
Mycogen	MYCX54522NR2	55.5	-	-	8/28	35	1
Croplan	R2C 5081	55.4	54.4	52.5	8/29	35	1
REV®	56R63™	55.4	56.7	52.7	9/7	32	1
Progeny	P5555RY	54.5	57.6	-	9/7	28	1
Asgrow	AG5332	54.4	54.1	53.9	8/20	32	1
Great Heart Seed	GT516CR2	54.0	-	-	8/18	33	1
Delta Grow	DG 5575RR2	53.0	54.3	-	9/11	25	1
NK Brand	S52-Y2	52.6	49.3	-	8/26	33	1
Armor	53-R16	52.5	56.1	54.6	9/8	28	1
Asgrow	AG 5535	52.3	-	-	9/1	29	1
Mycogen	5N540R2	52.3	-	-	9/12	28	1
Morsoy Xtra	51X31	52.2	-	-	8/28	35	1
Mycogen	5N550R2	52.2	-	-	9/9	32	1
Armor	AX4500	51.9	-	-	8/27	33	1
Dyna-Gro	S56RY84	51.5	54.2	-	9/10	22	1
Morsoy Xtra	53X82	51.5	-	-	9/5	32	1
Univ. of Arkansas	R10-197RY	50.8	-	-	9/6	23	1
Dyna-Gro	S54RY43	50.8	54.9	55.2	9/9	27	1
Delta Grow	DG 5556RR	50.8	-	-	9/7	27	1
MPG	5314 NRR	50.5	-	-	8/27	31	1
NK Brand	S51-C5	50.5	-	-	9/7	35	1
REV®	52A94™	50.3	-	-	9/3	28	1
Asgrow	AG5533	50.0	-	-	8/29	35	1
Univ. of Arkansas	R04-1250RR	49.9	50.0	-	9/2	29	1
Armor	51-R50	49.8	-	-	8/29	25	1
Great Heart Seed	GT-500CR2S	49.5	56.3	55.8	8/17	30	1
Progeny	P5213RY	49.3	51.0	-	8/27	33	1
Progeny	P5610RY	49.3	48.9	51.2	9/11	28	1
Morsoy Xtra	54X41	49.3	-	-	9/5	31	1
Delta Grow	DG 5475RR2	48.7	54.4	52.9	8/31	31	1
Progeny	P5333RY	48.6	56.3	-	9/6	24	1
Delta Grow	DG 5480RR2	48.0	53.4	-	8/30	29	1
Morsoy Xtra	56X02	46.1	-	-	9/5	50	1
REV®	54R84™	45.4	49.6	48.1	8/29	24	1
Hornbeck	HBK RY5221	44.6	46.5	49.1	8/23	32	1
Asgrow	AG 5335	43.8	-	-	8/19	32	1

Armor	50-R44	43.8	-	-	8/26	33	1
Hornbeck	HBK RY5421	43.2	45.5	45.6	9/5	28	1
MPG	5214NRR	43.0	48.5	-	9/7	26	1
Univ. of Arkansas	<i>R04-1268RR</i>	41.9	48.8	48.6	9/2	24	1
REV®	52R74™	39.2	50.1	-	8/22	32	1
Univ. of Arkansas	<i>R10-428RY</i>	39.2	-	-	9/3	30	1
Asgrow	AG5233	38.3	49.4	47.6	8/19	31	1

Mean 50.6
LSD 8.1
Error df 100
CV 11.8
R² 54.8

¹Variety in italics denotes an experimental entry

Table 60. Roundup Ready Maturity Group V Late Nonirrigated Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield		Maturity date	Plant height	Lodging score
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>			
					<i>in</i>	<i>1-5</i>

Dyna-Gro	39RY57	57.9	55.5	57.6	9/14	22	1
REV®	57R21™	50.9	53.2	-	9/14	35	1
Asgrow	AG5831	44.6	49.6	52.8	9/13	21	1
Univ. of Arkansas	<i>R07-6614RR</i>	39.5	-	-	9/16	23	1
Asgrow	AG5935	36.7	-	-	9/16	23	1
Mean		45.9					
LSD		7.8					
Error df		8					
CV		11.3					
R ²		80.6					

¹Variety in italics denotes an experimental entry

Table 61. Maturity Group IV LL Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr avg.	3-yr avg.			
Progeny	P4819LL	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
		54.3	47.4	50.6	8/25	31	1

Halo	4:76	53.5	-	-	8/26	34	1
Hornbeck	LL 4950	52.6	51.8	-	9/3	46	1
Halo	4:95	49.9	-	-	8/23	31	1
Progeny	P4930LL	49.9	47.2	-	9/4	32	1
Delta Grow	DG 4867LL	49.8	-	-	8/25	31	1
Hornbeck	<i>CZ 4748LL</i>	49.8	-	-	8/20	31	1
Hornbeck	LL 4850	49.5	46.7	-	8/28	31	1
Delta Grow	DG 4967LL	47.1	-	-	9/3	39	1
Hornbeck	LL 4650	46.6	44.7	-	8/17	30	1
Hornbeck	HBK LL4953	46.5	-	-	9/8	36	1
Halo	<i>X448</i>	46.5	-	-	8/21	36	1
Dyna-Gro	S49LL34	46.5	48.3	-	9/2	35	1
Halo	<i>X449</i>	46.4	-	-	9/3	40	1
Halo	4:94	45.0	46.5	50.1	9/3	36	1
	DG	44.1					
Delta Grow	4981LL/STS		45.6	-	9/3	48	1
Delta Grow	DG 4990LL	43.5	44.8	49.0	9/3	37	1
Halo	4:97	41.1	47.5	-	8/29	40	1
Progeny	P4560LL	41.0	43.7	-	8/19	35	1
USG	74G74LS	40.9	-	-	9/7	39	1
GoSoy	4713	40.4	-	-	9/4	42	1
REV®	49L29™	39.8	-	-	9/3	35	1
Progeny	P 4620 LLS	39.6	-	-	9/2	44	1
	DG	37.4					
Delta Grow	4767LL/STS		44.7	49.5	8/30	40	1
Halo	4:40	34.4	-	-	8/15	29	1
GoSoy	4914	34.2	-	-	9/3	37	1
Progeny	P4928LL	33.9	41.4	46.5	8/30	37	1
Dyna-Gro	S49LS65	32.6	-	-	8/28	41	1
Mean		44.2					
LSD		11.1					
Error df		54					
CV		18.3					
R ²		50.5					

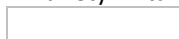
¹Variety in italics denotes an experimental entry

Table 62. Maturity Group V Liberty Link Soybeans (Black Belt Branch Station, Brooksville).

Brand	Variety ¹	Yield		Maturity date	Plant height	Lodging score
		2014	2-yr. avg.			

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>1-5</i>	
	DG	50.0					
Delta Grow	5067LL		-	-	9/11	36	1
Halo	<i>X451</i>	48.9	-	-	9/6	35	1
Halo	5:01	47.6	-	-	9/5	41	1
Progeny	P5960LL	46.0	45.4	47.2	9/12	28	1
	DG	45.9					
Delta Grow	5367LL		-	-	9/4	33	1
Halo	5:25	44.8	-	-	9/7	23	1
Halo	5:45	43.0	44.6	47.7	9/13	26	1
Progeny	P5160LL	41.3	43.6	41.8	9/4	21	1
Halo	<i>X452</i>	39.6	-	-	9/8	39	1
	DG	38.8					
Delta Grow	5481LL		38.1	-	9/12	40	1
GoSoy	5214	36.9	-	-	9/9	38	1
	<i>CZ</i>	36.6					
Hornbeck	<i>5150LL</i>		-	-	9/4	34	1
Halo	5:26	36.1	-	-	9/7	22	1
Hornbeck	5242LL	35.6	-	-	9/5	40	1
	DG	33.5					
Delta Grow	5461LL		37.6	44.1	9/12	38	1
REV®	55L95™	33.2	-	-	9/13	29	1
Progeny	P5220LLS	32.2	-	-	9/4	25	1
Progeny	P5460LL	31.8	35.5	41.7	9/4	37	1
Mean		40.1					
LSD		12.3					
Error df		34					
CV		22.2					
R ²		44.2					

¹Variety in italics denotes an experimental entry



Falkner, Morton Farms

Planting date: May 7

Harvest date: IV Early and IV Late Roundup Ready on September 22

V Early and V Late Roundup Ready on October 17

IV and V Liberty Link on October 17

Soil Type: sandy loam

Soil pH: 6.1

Soil Fertility: P=M K=M

Previous crop: soybeans

Fertilizer Added: Preplant -0-46-0 @ 120 lb/A and 0-0-60 @ 230 lb/A

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A and

Dual II Magnum @ 24 oz/A on May 7

Postemergence -

Roundup Ready - Roundup Powermax @ 32 oz/A and Firstrate @ 0.3 oz/A on July 14

Liberty Link - Liberty @ 29 oz/A and Firstrate @ 0.3 oz/A on July 14

Crop Summary:

The soybean plots were planted into a stale seedbed with good moisture for germination. All plots quickly emerged to a very uniform stand. The weather was very favorable throughout the growing season with timely rains that occurred at critical points within the season. Harvest was made in a timely manner without difficulties and good yields were observed.

Table 63. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Morton Farms, Falkner).

Brand	Variety ¹	Yield		Maturity date	Plant height	Lodging score
		2014	2-yr. avg.			

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Dyna-Gro	S43RY95	80.2	-	-	9/5	37	1
Armor	46-R65	78.4	77.7	-	9/10	35	1
Dyna-Gro	31RY45	78.4	87.1	82.7	9/6	32	1
Armor	<i>AX4430</i>	75.6	-	-	9/7	34	1
Asgrow	AG4632	74.9	82.3	82.3	9/5	28	1
Armor	<i>AX4460</i>	74.6	-	-	9/4	33	1
	DG	72.5					
Delta Grow	4685RR2		-	-	9/12	25	1
	HBK	72.4					
Hornbeck	RY4620		66.7	68.3	9/5	31	1
Mycogen	5N452R2	72.0	-	-	9/8	27	1
Mycogen	5N451R2	70.6	84.3	-	9/5	34	1
Progeny	P4211RY	68.8	76.6	74.1	9/4	31	1
Armor	<i>AX4450</i>	67.3	-	-	9/3	31	1
Asgrow	AG 4135	65.2	-	-	9/4	31	1
Progeny	P4440 RY	62.8	-	-	9/6	30	1
Dyna-Gro	S46RY85	62.6	-	-	9/4	33	1
Morsoy Xtra	44X82	62.6	61.0	64.6	9/15	28	1
USG	74F53R	62.5	69.3	-	9/6	24	1
Progeny	P4613 RYS	62.3	72.6	-	9/5	36	1
Delta Grow	4670RR2	61.2	80.8	79.9	9/8	31	1
Armor	44-R08	61.0	69.5	69.6	9/6	28	1
Asgrow	AG 4533	60.6	75.0	69.9	9/5	30	1
NK Brand	S46-L2	60.0	61.8	-	9/5	31	1
Progeny	P4510 RYS	59.4	64.7	66.3	9/3	31	1
Croplan	R2C 4541	59.0	73.0	72.8	9/8	27	1
Steyer	4303R2	58.8	-	-	9/5	37	1
Asgrow	AG 4232	58.6	60.0	68.2	9/10	28	1
REV®	46R64T™	57.0	68.0	-	9/5	25	1
Armor	<i>AX4440</i>	55.5	-	-	9/2	32	1
Armor	43-R43	55.4	60.6	-	9/6	25	1
Asgrow	AG 4534	54.9	-	-	9/8	29	1
USG	74F24RS	54.8	-	-	9/4	28	1
Morsoy Xtra	<i>46X04</i>	54.1	-	-	9/6	26	1
NK Brand	S45-V8	53.4	-	-	9/3	25	1
Mean		64.5					
LSD (.10)		13.6					
Error df		64					
CV		15.5					
R ²		54.4					

¹Variety in italics denotes an experimental entry

Table 64. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Morton Farms, Falkner).

Brand	Variety ¹	Yield			Maturity date	Plant height <i>in</i>	Lodging score <i>(1-5)</i>
		2014 <i>bu/A</i>	2-yr. avg. <i>bu/A</i>	3-yr. avg. <i>bu/A</i>			
Asgrow	AG 4835	95.9	-	-	9/11	38	1
REV®	49A55™	91.2	-	-	9/10	35	1
Croplan	R2C 4752S	89.7	86.1	80.4	9/14	30	1
	DG 4765	89.6					
Delta Grow	RR2/STS		85.2	78.9	9/18	39	1
	MYCX 54490	86.9					
Mycogen	NR2		-	-	9/17	37	1
Delta Grow	DG4940RR	86.6	72.1	-	9/20	39	1
Morsoy Xtra	47X12	84.7	80.8	80.5	9/15	37	1
Progeny	P4850RYS	82.4	82.7	78.9	9/15	34	1
Delta Grow	DG 4925 RR2	81.7	68.5	67.0	9/21	37	1
USG	74B83R	81.6	72.9	-	9/11	31	1
NK Brand	S47-K5	81.1	-	-	9/15	34	1
Armor	47-R13	80.9	80.2	75.7	9/14	33	1
Armor	AX 4470	80.6	-	-	9/11	33	1
Delta Grow	DG 4755 RR2	80.4	78.1	74.3	9/6	31	1
Progeny	P4747RY	79.9	79.0	74.2	9/12	36	1
Morsoy Xtra	49X54	79.9	-	-	9/19	39	1
Dyna-Gro	S48RS53	79.8	79.4	77.9	9/16	30	1
Delta Grow	DG 4985RR2	79.5	-	-	9/18	40	1
Dyna-Gro	S49RY25	79.1	-	-	9/16	40	1
	DG 4775	79.0					
Delta Grow	RR2/STS		-	-	9/6	37	1
Armor	AX 4490	78.8	-	-	9/14	34	1
Dyna-Gro	DG 37RY47	78.4	65.9	67.3	9/7	34	1
Mycogen	5N479R2	78.0	-	-	9/13	39	1
Dyna-Gro	SX14847RS	78.0	-	-	9/14	32	1
Asgrow	AG4934	78.0	66.9	-	9/11	36	1
Delta Grow	DG 4880RR	77.5	79.9	73.7	9/6	29	1
MPG	MPG 4714 NRR	77.0	66.3	-	9/16	36	1
Progeny	P4788RY	76.0	-	-	9/13	36	1

Morsoy Xtra	<i>48X34</i>	75.9	-	-	9/14	35	1
Morsoy Xtra	48X02	75.5	76.8	74.8	9/6	32	1
Armor	49-R56	75.2	72.4	-	9/11	32	1
Hornbeck	HBK RY4721	75.0	83.5	80.8	9/5	38	1
Dyna-Gro	S47RY13	74.7	73.6	70.3	9/7	34	1
Great Heart		74.6					
Seed	GT476CR2		76.8	-	9/5	32	1
REV®	49R94™	74.6	81.9	-	9/4	35	1
REV®	48R44™	74.5	81.4	-	9/7	33	1
REV®	47R53™	74.2	-	-	9/6	36	1
	DG 4930	74.1					
Delta Grow	RR2/STS		-	-	9/14	38	1
REV®	47R34™	74.0	86.5	-	9/7	37	1
Mycogen	5N478R2	73.9	82.8	-	9/5	37	1
REV®	48R22™	73.5	-	-	9/11	38	1
Armor	<i>AX 4471</i>	73.4	-	-	9/7	34	1
Armor	<i>AX 4480</i>	72.8	-	-	9/6	37	1
Delta Grow	DG 4970RR	72.8	80.8	77.0	9/14	40	1
Progeny	P4848RYS	72.5	-	-	9/12	35	1
Hornbeck	CZ 4959RY	72.0	-	-	9/12	34	1
Armor	48-R66	71.2	70.4	-	9/6	30	1
USG	74B94RS	71.2	-	-	9/16	33	1
	DG 4825	70.4					
Delta Grow	RR2/STS		69.6	70.0	9/12	27	1
Progeny	P4900RY	70.2	71.3	66.4	9/11	31	1
Armor	DK4744	68.9	63.5	64.8	9/7	31	1
Great Heart		66.2					
Seed	GT482 CR2		-	-	9/11	32	1
Croplan	R2C 4873	65.4	-	-	9/8	31	1
Mean		77.5					
LSD		11					
Error df		104					
CV		10.5					
R ²		46.5					

¹Variety in italics denotes an experimental entry



Table 65. Roundup Ready Maturity Group V Early Nonirrigated Soybeans (Morton Farms, Falkner).

Brand	Variety ¹	Yield			Maturity	Plant	Lodging
		2014	2-yr.	3-yr.			

		avg.	avg.	date	height	score	
		<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>	
Univ. of Arkansas	<i>R10-197RY</i>	81.8	-	-	9/25	29	1
Asgrow	AG5533	81.6	-	-	9/24	36	2
Croplan	R2C 5081	79.5	82.6	83.1	9/21	31	2
REV®	56R63™	75.0	77.5	77.3	9/27	37	2
NK Brand	S51-C5	74.4	-	-	9/23	25	1
Morsoy Xtra	56X02	73.5	-	-	9/25	50	2
Dyna-Gro	S56RY84	72.8	75.7	-	9/24	35	1
Dyna-Gro	S54RY43	71.9	64.0	63.8	9/24	33	1
MPG	5214NRR	71.9	65.5	-	9/21	38	3
Armor	53-R16	70.8	73.8	74.9	9/24	31	1
Delta Grow	DG 5480RR2	70.6	75.7	-	9/22	32	1
NK Brand	S55-Q3	70.1	-	-	9/25	28	2
REV®	55R53™	69.6	62.4	67.9	9/23	28	2
Morsoy Xtra	53X82	69.5	-	-	9/28	25	1
Hornbeck	HBK RY5421	69.2	69.0	71.5	9/22	31	3
Armor	AX4500	68.9	-	-	9/15	38	2
NK Brand	S52-Y2	68.4	68.8	-	9/17	37	2
Delta Grow	DG 5575RR2	68.3	74.3	-	9/25	35	2
Delta Grow	DG 5475RR2	67.4	64.0	66.0	9/30	27	1
Morsoy Xtra	51X31	67.3	-	-	9/23	28	2
REV®	54R84™	67.0	65.4	72.1	9/21	27	2
Progeny	P5333RY	67.0	74.5	-	9/20	29	1
Dyna-Gro	S52RY75	66.3	-	-	9/18	34	1
Delta Grow	DG 5556RR	64.9	-	-	9/27	31	1
Mycogen	MYCX54522NR2	64.8	-	-	9/20	33	2
Asgrow	AG 5535	64.5	-	-	9/25	29	2
Mycogen	5N550R2	64.4	-	-	9/24	37	1
Dyna-Gro	32RY55	64.2	66.9	72.9	9/24	30	1
Armor	AX4520	63.9	-	-	9/21	27	2
Progeny	P5555RY	63.7	72.6	-	9/23	33	1
Mycogen	5N540R2	63.3	-	-	9/25	30	2
Great Heart Seed	GT516CR2	62.5	-	-	9/20	39	2
Univ. of Arkansas	<i>R04-1268RR</i>	62.4	59.8	60.9	9/23	30	1
Hornbeck	HBK RY5221	61.9	70.4	69.3	9/15	37	3
Univ. of Arkansas	<i>R04-1250RR</i>	61.9	69.3	-	9/22	31	1
Morsoy Xtra	54X41	61.3	-	-	9/30	26	1
Delta Grow	DG 5230 RR2	59.9	-	-	9/21	30	2
Univ. of Arkansas	<i>R10-130RY</i>	59.0	-	-	9/25	25	1

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>1-5</i>	
REV®	57R21™	79.1	75.7	-	9/30	38	2
Asgrow	AG5935	70.9	-	-	10/1	32	1
Univ. of Arkansas	<i>R07-6614RR</i>	69.7	-	-	9/28	34	1
Dyna-Gro	39RY57	69.1	69.8	73.8	9/23	28	1
Asgrow	AG5831	63.9	71.0	71.1	9/24	27	1
Mean		70.5					
LSD		9.5					
Error df		8					
CV		8.9					
<i>R</i> ²		73.8					

¹Variety in italics denotes an experimental entry

Table 67. Maturity Group IV Liberty Link Soybeans (Morton Farms, Falkner).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>1-5</i>	

Progeny	P4930LL	74.3	77.8	-	9/25	42	1
Progeny	P4928LL	73.3	72.7	71.0	9/26	43	2
Halo	<i>X449</i>	72.3	-	-	9/24	43	3
Dyna-Gro	S49LL34	69.4	64.7	-	9/24	37	1
Dyna-Gro	S49LS65	69.1	-	-	9/26	38	3
REV®	49L29™	68.8	-	-	9/22	41	3
Delta Grow	DG 4967LL	68.6	-	-	9/25	41	1
Hornbeck	HBK LL4953	65.4	-	-	9/25	35	1
GoSoy	4713	64.8	-	-	9/25	45	2
Hornbeck	LL 4950	64.0	64.3	-	9/25	40	1
GoSoy	4914	63.9	-	-	9/24	46	3
USG	74G74LS	63.7	-	-	9/23	46	4
Hornbeck	LL 4850	63.1	65.3	-	9/13	31	2
Halo	4:97	62.1	62.6	-	9/22	42	4
Halo	4:94	61.2	65.2	67.3	9/22	42	2
Halo	4:95	61.0	-	-	9/16	28	2
	DG	57.5					
Delta Grow	4981LL/STS		61.3	-	9/28	48	1
Delta Grow	DG 4867LL	56.7	-	-	9/13	35	2
	DG	56.6					
Delta Grow	4767LL/STS		70.3	72.4	9/23	43	3
Progeny	P 4620 LLS	56.3	-	-	9/24	42	2
Progeny	P4819LL	53.6	60.0	62.7	9/11	29	2
Halo	<i>X448</i>	53.0	-	-	9/7	37	4
Progeny	P4560LL	52.3	66.7	-	9/8	35	2
Halo	4:76	52.2	-	-	9/5	37	4
Delta Grow	DG 4990LL	51.8	58.5	63.4	9/22	40	1
Hornbeck	LL 4650	47.8	64.0	-	9/6	35	2
Hornbeck	<i>CZ 4748LL</i>	45.6	-	-	9/6	31	2
Halo	4:40	45.4	-	-	9/6	27	1
Mean		60.5					
LSD		11.4					
Error df		54					
CV		13.8					
R ²		60.9					

¹Variety in italics denotes an experimental entry

Table 68. Maturity Group V Liberty Link Soybeans (Morton Farms, Falkner).

Brand	Variety ¹	Yield		Maturity date	Plant height	Lodging score
		2014	2-yr. avg.			

		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>1-5</i>	
Halo	5:25	57.9	-	-	9/25	26	1
Progeny	P5160LL	45.4	66.8	66.6	9/24	25	1
Progeny	P5460LL	57.0	65.0	67.0	9/25	39	1
Progeny	P5960LL	54.0	64.6	66.2	9/30	26	1
Delta	DG	51.7					
Grow	5461LL		66.7	72.4	9/27	39	1
Halo	5:45	48.5	62.6	62.2	10/1	28	1
Halo	5:26	67.7	-	-	9/23	26	1
Halo	5:01	72.4	-	-	9/29	39	2
Delta	DG	66.9					
Grow	5481LL		66.3	-	9/27	51	2
Delta	DG	71.7					
Grow	5067LL		-	-	9/26	40	1
Delta	DG	75.7					
Grow	5367LL		-	-	9/30	41	1
Progeny	P5220LLS	54.9	-	-	9/27	46	1
	CZ	66.4					
Hornbeck	<i>5150LL</i>		-	-	9/23	38	1
Hornbeck	5242LL	71.9	-	-	10/1	40	1
GoSoy	5214	60.0	-	-	9/30	35	1
Halo	<i>X452</i>	61.1	-	-	9/29	37	1
Halo	<i>X451</i>	66.0	-	-	9/24	35	1
REV®	55L95™	61.1	-	-	9/24	33	1
Mean		61.7					
LSD		10					
Error df		34					
CV		11.7					
R ²		74					

¹Variety in italics denotes an experimental entry

Raymond, Brown Loam
Branch

Planting date: April 25

Harvest date: IV Early Roundup Ready on September 9
IV Late Roundup Ready on September
15
V Early and V Late Roundup Ready on September 29

Soil Type: Loring silt loam

Soil pH: 5.2

Soil Fertility: P=H K=H

Previous crop:

corn

Fertilizer Added: Preplant - lime @ 1.5 tons/A

Herbicide application dates & rates: Preemergence - Authority MTZ @ 12 oz/A and

Dual II Magnum 24 oz/A and Roundup Powermax @ 24 oz/A on April 25

Postemergence - Roundup Powermax @ 32 oz/A on June 9

Roundup Powermax @ 32 oz/A and Ultra Blazer @ 24 oz/A on June 30

Insecticide application dates and rates: Brigade @ 6.4 oz/A on June 30 and July 10

Brigade @ 4.25 oz/A and Acephate @ 0.75 lb/A on August 13

Crop Summary:

The Soybean plots were planted in late April into a freshly tilled seedbed. All plots quickly emerged to a good stand. Timely rains occurred during the season which allowed for ample soil moisture throughout. Some insect pressure was observed later in the season, but was quickly controlled with timely insecticide applications. Harvest was made in a timely manner and good yields were observed.

Table 69. Roundup Ready Maturity Group IV Early Nonirrigated Soybeans (Brown Loam Branch, Raymond).

Yield

Brand	Variety ¹	2014	2-yr. avg.	3-yr. avg.	Maturity date	Plant height	Lodging score
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Asgrow	AG4632	103.0	76.4	75.5	-	30	1
Mycogen	5N451R2	101.7	70.0	-	-	29	1
Delta Grow	4670RR2	98.7	71.4	71.9	-	33	1
Armor	AX4460	98.5	-	-	-	33	2
Dyna-Gro	31RY45	96.2	73.4	74.8	-	35	1
Croplan	R2C 4541	96.0	69.1	68.7	-	27	1
Mycogen	5N452R2	95.9	-	-	-	27	1
	P4613	94.8					
Progeny	RYS		72.7	-	-	35	2
Dyna-Gro	S43RY95	93.1	-	-	-	30	1
Asgrow	AG 4533	89.1	67.9	67.7	-	32	1
Armor	46-R65	88.4	66.4	-	-	31	1
Dyna-Gro	S46RY85	86.8	-	-	-	32	1
Armor	44-R08	84.7	56.5	61.5	-	29	1
Steyer	4303R2	84.6	-	-	-	36	1
Asgrow	AG 4135	84.0	-	-	-	25	1
USG	74F24RS	84.0	-	-	-	37	2
NK Brand	S46-L2	83.1	60.6	-	-	30	1
Armor	AX4440	82.6	-	-	-	29	1
Armor	AX4450	82.5	-	-	-	29	1
REV®	46R64T™	80.1	65.0	-	-	34	1
Armor	AX4430	79.6	-	-	-	31	1
Asgrow	AG 4534	79.5	-	-	-	28	1
Progeny	P4211RY	79.0	53.8	57.4	-	28	1
	DG	75.3					
Delta Grow	4685RR2		-	-	-	27	1
Armor	43-R43	74.7	55.6	-	-	28	1
Morsoy		74.3					
Xtra	44X82		51.3	54.7	-	30	1
NK Brand	S45-V8	74.3	-	-	-	27	1
Morsoy		73.9					
Xtra	46X04		-	-	-	30	1
	P4510	73.5					
Progeny	RYS		61.3	65.4	-	28	1
USG	74F53R	72.0	51.9	-	-	29	1
Progeny	P4440 RY	71.7	-	-	-	29	1
Asgrow	AG 4232	69.8	51.3	58.2	-	28	1
	HBK	66.0					
Hornbeck	RY4620		55.8	62.4	-	29	1
Mean		84					
LSD (.10)		13.2					
Error df		64					

CV 11.5
R² 64.3

¹Variety in italics denotes an experimental entry

Table 70. Roundup Ready Maturity Group IV Late Nonirrigated Soybeans (Brown Loam Branch, Raymond).

Brand	Variety ¹	Yield			Maturity date	Plant height	Lodging score
		2014	2-yr. avg.	3-yr. avg.			
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>(1-5)</i>
Delta Grow	DG 4880RR	108.0	71.9	70.0	-	27	1
REV®	47R34™	102.0	76.3	-	-	32	2
REV®	48R44™	98.3	75.7	-	-	29	1
Delta Grow	DG 4970RR	96.5	67.4	65.5	-	33	1
Progeny	P4788RY	95.3	-	-	-	31	1
REV®	47R53™	94.0	-	-	-	30	1
	MPG 4714	92.9					
MPG	NRR		64.4	-	-	34	1
USG	74B83R	91.5	69.1	-	-	21	1
REV®	49R94™	90.2	68.2	-	-	22	1
Croplan	R2C 4752S	89.5	65.2	65.4	-	27	1
Armor	47-R13	88.6	63.6	65.7	-	24	1
REV®	48R22™	87.4	-	-	-	24	1
Great Heart Seed		87.3					
	GT476CR2		64.7	-	-	34	1
Dyna-Gro	S49RY25	86.0	-	-	-	32	1
Dyna-Gro	DG 37RY47	85.3	65.8	66.9	-	30	1
Hornbeck	HBK RY4721	84.5	58.0	57.1	-	33	1
	MYCX 54490	83.8					
Mycogen	NR2		-	-	-	29	1
Delta Grow	DG 4755 RR2	82.9	59.9	57.3	-	39	1
	DG 4825	82.7					
Delta Grow	RR2/STS		61.5	67.2	-	25	1
Progeny	P4747RY	82.7	60.3	60.4	-	26	1
Asgrow	AG 4835	82.6	-	-	-	33	1
	DG 4775	82.4					
Delta Grow	RR2/STS		-	-	-	25	1
Morsoy Xtra	49X54	81.8	-	-	-	31	1
Hornbeck	CZ 4959RY	81.6	-	-	-	25	1

Mycogen	5N478R2	81.3	62.8	-	-	31	1
Armor	<i>AX 4470</i>	80.4	-	-	-	25	1
Armor	49-R56	80.0	53.3	-	-	18	1
NK Brand	S47-K5	80.0	-	-	-	26	1
Morsoy Xtra	47X12	79.6	60.9	62.3	-	30	1
Mycogen	5N479R2	78.9	-	-	-	27	1
Progeny	P4900RY	77.4	55.0	54.8	-	20	1
Armor	48-R66	77.3	63.0	-	-	17	1
Great Heart		76.7					
Seed	GT482 CR2		-	-	-	29	1
Progeny	P4850RYS	74.9	60.3	60.5	-	21	1
Croplan	R2C 4873	74.4	-	-	-	20	1
Morsoy Xtra	48X02	74.4	59.4	56.6	-	25	1
Armor	<i>AX 4471</i>	74.3	-	-	-	25	1
	DG 4765	73.5					
Delta Grow	RR2/STS		53.1	58.8	-	38	1
Delta Grow	DG4940RR	73.3	56.7	-	-	31	1
Armor	DK4744	73.2	57.9	63.8	-	31	1
Delta Grow	DG 4925 RR2	73.2	56.2	58.7	-	33	1
Dyna-Gro	<i>SX14847RS</i>	72.4	-	-	-	30	1
Morsoy Xtra	<i>48X34</i>	72.0	-	-	-	29	1
Progeny	P4848RYS	71.5	-	-	-	21	1
Armor	<i>AX 4480</i>	71.2	-	-	-	28	1
REV®	49A55™	70.9	-	-	-	29	1
Armor	<i>AX 4490</i>	70.8	-	-	-	28	1
USG	74B94RS	69.6	-	-	-	31	1
Delta Grow	DG 4985RR2	68.9	-	-	-	31	1
Dyna-Gro	S47RY13	68.8	49.5	52.9	-	31	1
Dyna-Gro	S48RS53	66.9	49.2	59.6	-	28	1
Asgrow	AG4934	64.2	53.9	-	-	28	1
	DG 4930	57.5					
Delta Grow	RR2/STS		-	-	-	27	1
Mean		80					
LSD		14.2					
Error df		104					
CV		13					
R ²		60.8					

¹Variety in italics denotes an experimental entry

Table 71. Roundup Ready Maturity Group V Early Nonirrigated Soybeans (Brown Loam Branch, Raymond).

Brand	Variety ¹	Yield			Maturity	Plant	Lodging
		2014	2-yr.	3-yr.			

		avg.	avg.	date	height	score	
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>in</i>	<i>(1-5)</i>	
NK Brand	S55-Q3	92.9	-	-	-	24	1
REV®	56R63™	89.0	71.7	69.0	-	25	1
Asgrow	AG 5535	86.9	-	-	-	20	1
Univ. of Arkansas	<i>R10-197RY</i>	84.4	-	-	-	25	1
Armor	<i>AX4520</i>	83.2	-	-	-	21	1
Armor	<i>AX4500</i>	82.5	-	-	-	29	1
Delta Grow	DG 5230 RR2	79.2	-	-	-	22	1
Armor	51-R50	79.0	-	-	-	28	1
Progeny	P5333RY	79.0	57.4	-	-	23	1
REV®	52A94™	78.8	-	-	-	25	1
Great Heart Seed	GT-500CR2S	78.1	57.2	54.9	-	21	1
Delta Grow	DG 5556RR	76.7	-	-	-	20	1
Hornbeck	HBK RY5421	76.4	62.8	61.9	-	18	1
Morsoy Xtra	51X31	76.1	-	-	-	23	1
Progeny	P5555RY	76.0	62.2	-	-	23	1
Croplan	R2C 5081	75.6	55.6	54.6	-	21	1
Mycogen	<i>MYCX54522NR2</i>	75.6	-	-	-	20	1
Asgrow	AG5332	75.4	57.9	60.1	-	28	1
Dyna-Gro	S56RY84	74.0	61.9	-	-	26	1
REV®	55R53™	73.3	62.3	66.6	-	18	1
Dyna-Gro	32RY55	73.0	57.0	63.5	-	22	1
REV®	54R84™	72.2	59.6	62.0	-	20	1
Armor	50-R44	71.7	-	-	-	31	1
Armor	53-R16	71.5	49.1	51.8	-	22	1
Dyna-Gro	S54RY43	71.4	57.8	63.4	-	24	1
Univ. of Arkansas	<i>R04-1250RR</i>	70.5	61.2	-	-	21	1
Mycogen	5N550R2	70.3	-	-	-	22	1
Progeny	P5610RY	70.2	56.8	61.8	-	18	1
MPG	5314 NRR	69.9	-	-	-	37	1
REV®	51R53™	69.3	53.9	58.7	-	25	1
NK Brand	S52-Y2	69.0	56.3	-	-	27	1
Univ. of Arkansas	<i>R10-130RY</i>	68.7	-	-	-	20	1
Hornbeck	HBK RY5221	68.5	51.3	47.5	-	34	1
Asgrow	AG5533	67.6	-	-	-	23	1
Asgrow	AG5233	67.5	51.9	56.3	-	26	1
REV®	52R74™	66.8	51.8	-	-	32	1
Univ. of Arkansas	<i>R04-1268RR</i>	65.4	56.7	55.2	-	26	1
Dyna-Gro	S52RY75	65.4	-	-	-	22	1

Mycogen	5N540R2	64.4	-	-	-	20	1
Delta Grow	DG 5575RR2	64.1	54.6	-	-	20	1
Progeny	P5213RY	64.1	49.5	-	-	32	1
Asgrow	AG 5335	63.8	-	-	-	28	1
Delta Grow	DG 5475RR2	63.2	51.0	54.5	-	25	1
Morsoy Xtra	54X41	63.1	-	-	-	22	1
MPG	5214NRR	62.3	53.7	-	-	25	1
Great Heart Seed	GT516CR2	59.2	-	-	-	30	1
Delta Grow	DG 5480RR2	58.7	48.7	-	-	25	1
Morsoy Xtra	53X82	56.8	-	-	-	21	1
NK Brand	S51-C5	54.8	-	-	-	17	1
Univ. of Arkansas	<i>R10-428RY</i>	53.5	-	-	-	20	1
Morsoy Xtra	56X02	43.6	-	-	-	37	1
Mean		70.8					
LSD		12					
Error df		100					
CV		12.5					
R^2		67.8					

¹Variety in italics denotes an experimental entry

Table 72. Roundup Ready Maturity Group V Late Nonirrigated Soybeans (Brown Loam Branch, Raymond).

Brand	Variety	Yield			Maturity	Plant	Lodging
		201	2-yr.	3-yr.			

	¹	4	avg.	avg.	date	height	score
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>		<i>in</i>	<i>1-5</i>
Dyna-Gro	39RY57	70.2	54.5	59.1	-	24	1
Univ. of Arkansas	<i>R07-6614RR</i>	59.6	-	-	-	23	1
Asgrow	AG5935	54.7	-	-	-	23	1
Asgrow	AG5831	49.1	45.1	50.5	-	26	1
REV®	57R21™	48.6	44.2	-	-	31	1
Mean		56.4					
LSD		10.2					
Error df		8					
CV		12					
R ²		78.8					

¹Variety in italics denotes an experimental entry

Table 73. Plant Characteristics of Maturity Group IV Conventional Soybeans

Brand	Variety	Color			Hilum	Seeds	Growth	
		Bloom	Pubescence	Pod wall		D/I	RM	

USG	Ellis	White	Gray	Tawny	Buff	3225	D	4.9
University of Arkansas	R05-3239	Purple	Tawny	Tan	Black	2940	-	4.9
University of Arkansas	R09-4571	Purple	Tawny	Tan	-	2717	-	4.9
University of Arkansas	R08-2797	White	Tawny	Tan	Black	3164	-	4.7
MPV	483C	-	-	-	-	2684	-	4.8
University of Missouri	S09-6262	Purple	Tawny	Tan	Black	2517	I	4.8
University of Missouri	S11-20356	Purple	Tawny	Tan	Black	2899	D	4.9

Table 74. Plant Characteristics of Maturity Group V Conventional Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod wall	Hilum		D/I	R/M
University of Arkansas	OZARK	Purple	Gray	Tan	Imperfect Black	3241	-	5.2
University of Arkansas	OSAGE	Purple	Gray	Tan	Imperfect Black	3467	-	5.6
University of Arkansas	UA 5612	Purple	Gray	Tan	Imperfect Black	3292	-	5.6
University of Arkansas	UA 5213C	Purple	Gray	Tan	Buff	3476	-	5.2
University of Arkansas	R05-374	White	Gray	Brown	Buff	3141	-	5.1
University of Arkansas	R09-430	Purple	Gray	Tan	-	3379	-	5.0
GoSoy	Leland	-	-	-	-	3400	-	5.1
USDA-ARS	JTN-5110	Purple	Tawny	-	Black	2745	-	5.5

Table 75. Plant Characteristics of Maturity Group IV Early Roundup Ready Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod wall	Hilum		D / RM	

							I		
USG	74F24RS	Purple	Light Tawny	Brown	Black Imperfect	2331	I	4.2	
USG	74F53R	Purple	Gray Light	Brown	Black	2702	I	4.5	
Delta Grow	4670 RR2	Purple	Tawny	Brown	Black Imperfect	2706	I	4.6	
Delta Grow	4685 RR2 46-L2	Purple	Gray	Brown	Black	2557	I	4.6	
NK Brand	Brand 45-V8	Purple	Gray	Brown	Buff	2850	I	4.6	
NK Brand	Brand	White	Tawny	Brown	Brown	2875	I	4.5	
Asgrow	AG4135	White	Tawny Light	Brown	Black	2371	I	4.1	
Asgrow	AG4232	Purple	Tawny Light	Tan	Black	2930	I	4.2	
Asgrow	AG4533	Purple	Tawny	Brown	Black	2809	I	4.5	
Asgrow	AG4534	White	Tawny Light	Brown	Black	2594	I	4.5	
Asgrow	AG4632	Purple	Tawny Light	Brown	Black	2866	I	4.6	
Mycogen	5N451R2	Purple	Tawny Light	Brown	Black	2463	-	4.5	
Mycogen	5N452R2	Purple	Tawny	Brown	Black	2635	-	4.5	
REV®	46R64™	Purple	Tawny Light	Brown	Black	2970	I	4.6	
Steyer	4303R2	Purple	Tawny Light	Brown	Black	2313	-	4.3	
HBK	RY 4620	Purple	Tawny Light	Brown	Black	2350	I	4.6	
Croplan	4541 rr2	Purple	Tawny	Brown	Black	2770	I	4.5	
Dyna-Gro	S43RY95	Purple	Tawny Light	Brown	Black	2747	I	4.3	
Dyna-Gro	31RY45	Purple	Tawny	Brown	Black Imperfect	2571	I	4.5	
Dyna-Gro	S46RY85	Purple	Gray	Brown	Black	2475	I	4.6	
Armor	43-R43	-	-	-	-	2950	I	4.3	
Armor	AX4460	-	-	-	-	2720	I	4.6	
Armor	AX4430	-	-	-	-	2427	I	4	
Armor	44-R08	-	-	-	-	2915	D	4.4	

							/	
							I	
							D	
							/	
Armor	AX4440	-	-	-	-	3050	I	4.4
							D	
							/	
Armor	46-R65	-	-	-	-	2880	I	4.6
							D	
							/	
Armor	AX4450	-	-	-	-	2450	I	4.5
Morsoy			Light					
Extra	44X82	Purple	Tawny	Brown	Black	2526	I	4.4
Morsoy					Imperfect			
Extra	46x04	Purple	Gray	Brown	Black	2503	I	4.6
					Imperfect			
Progeny	4211 RY	Purple	Gray	Tawny	Black	3122	I	4.2
			Light					
Progeny	4440 RY	Purple	Tawny	Brown	Black	2484	I	4.4
			Light					
Progeny	4510 RYS	Purple	Tawny	Tawny	Black	2443	I	4.5
Progeny	4613 RYS	White	Gray	Brown	Buff	2623	I	4.6

Table 76. Plant Characteristics of Maturity Group IV Late Roundup Ready Soybeans

	Color	Seeds	Growth
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Brand	Variety	Bloom	Pubescence	Pod wall	Hilum		D/I	R/M
Delta Grow	4755 RR2	Purple	Light Tawny	Brown	Black	2501	I	4.7
Delta Grow	4765 RR2/STS	Purple	Gray	Tan	Black	2755	I	4.7
Delta Grow	4775 RR2/STS	Purple	Light Tawny	Brown	Black	2494	I	4.7
Delta Grow	4825 RR2/STS	White Purple	Light Tawny	Tan	Black	2681	I	4.8
Delta Grow	4925 RR2	Purple	Tawny	Brown	Black	2770	I	4.9
Delta Grow	4940 RR	Purple	Tawny	Tan	Black	4227	I	4.9
Delta Grow	4970 RR	Purple	Tawny	Tan	Black	2729	I	4.9
Delta Grow	4880 RR	White Purple	Light Tawny	Brown	Black	3224	I	4.8
Asgrow	4934	Purple	Light Tawny	Brown	Black	2717	I	4.9
Asgrow	4835	White Purple	Tawny	Brown	Black	2652	I	4.8
Delta Grow	4930 RR2/STS	Purple	Gray	Tan	Black	2616	I	4.9
Delta Grow	4985 RR2	Purple	Gray	Brown	Black	2558	I	4.9
Morsoy Extra	47x12	Purple	Gray	Tan	Black	2656	I	4.7
Morsoy Extra	48x34	Purple	Gray	Tan	Black	2439	I	4.8
USG	74B94RS	Purple	Gray	Tan	Black	2729	I	4.9
Great Heart Seed	476CR2	-	-	-	-	2936	-	4.7
Morsoy Extra	48X02	Purple	Light Tawny	Brown	Black	2481	I	4.8
Morsoy Extra	49x54	Purple	Gray Light	Brown	Black	2588	I	4.9
USG	74B83R	White Purple	Tawny	Tan	Black	2716	I	4.8
REV®	47R53™	Purple	Light Tawny	Brown	Black	2970	-	4.7
REV®	47R34™	Purple	Light Tawny	Brown	Black	2533	-	4.7
REV®	48R44™	Purple	Light Tawny	Brown	Black	2810	-	4.8
REV®	48R22™	White	Light Tawny	Brown	Black	2689	-	4.8

REV®	49R94™	Purpl e	Tawny	Brown	Black	2804	-	4.9
HBK	RY4721	Purpl e	Light Tawny	Brown	Black	2650	I	4.7
Dyna-Gro	37RY47	Purpl e	Light Tawny	Tan	Black	2705	I	4.7
Dyna-Gro	S47RY13	Purpl e	Light Tawny	Brown	Black	2724	I	4.7
Dyna-Gro	SX14847RS	Purpl e	Light Tawny	Tan	Black	2409	I	4.7
Dyna-Gro	S48RS53	Purpl e	Gray	Tan	Imperfect Black	2826	I	4.8
Dyna-Gro	S49RY25	Purpl e	Gray Light	Brown	Imperfect Black	2533	I	4.9
Mycogen	5N478R2	Purpl e	Tawny	Brown	Black	2346	-	4.7
Mycogen	5N479R2	Purpl e	Gray	Tan	Imperfect Black	2505	-	4.8
Armor	48-R66	-	-	-	-	2563	I	4.8
Armor	4471	-	-	-	-	3050	I	4.7
Progeny	4747RY	Purpl e	Light Tawny	Brown	Black	2800	I	4.7
Progeny	4788RY	Purpl e	Light Tawny	Brown	Black	2132	I	4.7
Progeny	4848RYS	Purpl e	Light Tawny	Tawny	Black	2413	I	4.8
Progeny	4850RYS	Purpl e	Gray Light	Tawny	Imperfect Black	2845	I	4.8
Progeny	4900RY	Purpl e	Light Tawny	Tawny	Black	2606	I	4.9
Armor	49-R56	-	-	-	-	2500	I	4.9
Mycogen	MYCX 54490NR2	Purpl e	Gray Light	Brown	Imperfect Black	2494	-	4.9
HBK	CZ 4959RY	Purpl e	Light Tawny	Tan	Black	2828	I	4.9
REV®	49A55™	White	Gray	Brown	Buff	2864	-	4.9
Armor	47-R13	-	-	-	-	2710	I	4.7
MPG	4714 NRR	-	-	-	-	3371	-	4.7
NK Brand	S47-K5	-	-	-	-	2950	I	4.7
Armor	4470	-	-	-	-	2440	I	4.7
Armor	4490	-	-	-	-	2650	I	4.9

Great Heart Seed	GT 482 CR2	-	-	-	-	2523	-	4.8
		Purple			Imperfect			
Croplan	R2C 4752S	e	Gray	Tan	Black	2702	I	4.7
							D/	
Armor	4480	-	-	-	-	2725	I	4.8
Armor	DK4744	-	-	-	-	2650	-	4.7
			Light					
Croplan	R2C 4873	White	Tawny	Tan	-	2810	I	4.8

Table 77. Plant Characteristics of Maturity Group V Early Roundup Ready Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod wall	Hilum		D/I	RM
University of Arkansas	R10-428RY	-	-	-	-	3356	-	-
Delta Grow	5475 RR2	White	Gray	Tan	Buff	3141	D	5.4
Delta Grow	5480 RR2	White	Gray	Tan	Buff	3046	D	5.4
			Light					
Asgrow	5233	Purple	Tawny	Brown	Black	3068	I	5.2
Asgrow	5332	Purple	Tawny	Tan	Black	2795	I	5.3
			Light					
Asgrow	5335	White	Tawny	Tan	Black	2330	I	5.3
Asgrow	5535	White	Tawny	Tan	Black	2808	D	5.5
University of Arkansas	R04-1250 RR	Purple	Gray	Tan	Buff	3469	-	5.5
University of Arkansas	R04-1268 RR	White	Gray	Tan	Buff	3641	-	5.4
University of Arkansas	R10-197 RY	Purple	Gray	Tan	-	3061	-	5.6
University of Arkansas	R10-130 RY	Purple	Gray	Tan	-	3029	-	5.2
			Light					
Delta Grow	5230 RR2	White	Tawny	Tan	Brown	2747	D	5.2
Delta Grow	5575 RR2	Purple	Tawny	Brown	Brown	2975	D	5.5
MPG	5214NRR	-	-	-	-	3333	-	5.2
MPG	5314NRR	-	-	-	-	3189	-	5.3
Morsoy Extra	51x31	White	Gray	Tan	Buff	3066	D	5.1
Morsoy Extra	53x82	White	Gray	Tan	Buff	3242	D	5.3
Morsoy Extra	54x41	Purple	Gray	Tan	Imperfect	3416	D	5.4

Great Heart Seed	GT500CR25	-	-	-	-	Black	2946	-	5
Great Heart Seed	GT516CR2	-	-	-	-	-	2576	-	5.1
Morsoy Extra	56x02	Purple	Gray Light	Brown		Imperfect Black	3004	I	5.6
REV®	51R53™	Purple	Tawny	Tan		Black	2498	-	5.1
REV®	56R63™	White	Gray	Tan		Buff	2774	-	5.2
REV®	54R84™	Purple	Tawny	Tan		Black	2755	-	5.4
REV®	55R53™	White	Tawny	Brown		Black	2679	-	5.5
Asgrow	5533	Purple	Gray	Tan		Imperfect Black	2874	D	5.5
HBK	RY 5221	Purple	Gray	Tan		Imperfect Black	2650	I	5.2
HBK	RY 5421	Purple	Gray Light	Tan		Imperfect Black	2700	D	5.4
Dyna-Gro	S52RY75	White	Tawny	Tan		Brown	2714	D	5.2
Dyna-Gro	S54RY43	White	Gray	Tan		Buff	3431	D	5.4
Dyna-Gro	S56RY84	Purple	Tawny	Tan		Brown	2537	D	5.6
Mycogen	5N540R2	White	Gray	Tan		Buff	3414	-	5.4
Mycogen	5N550R2	Purple	Tawny	Tan		Brown	2554	-	5.5
Dyna-Gro	32RY55	Purple	Gray Light	Tan		Imperfect Black	2458	D	5.5
Progeny	5213RY	Purple	Tawny	Brown		Black	2888	-	5.2
Progeny	5333RY	White	Gray	Tawny		Buff	2985	-	5.3
Progeny	5555RY	Purple	Tawny	Tawny		Brown	3030	-	5.5
Progeny	5610RY	Purple	Gray	Tawny		Imperfect Black	2498	-	5.6
Armor	AX4500	-	-	-		-	2630	-	5
Armor	50-R44	-	-	-		-	2968	-	5
Armor	AX4520	-	-	-		-	2754	-	5.2
Mycogen	MYCX54522NR2	White	Light Tawny	Tan		Brown	2697	-	5.2
Armor	53-R16	-	-	-		-	2849	-	5.3
Delta Grow	5556RR	-	-	-		-	2433	-	5.5
NK	S52-Y2	Purple	Light Tawny	Tan		Black	2750	I	5.2
NK	S51-C5	-	-	-		-	2900	D	5.1
NK	S55-Q3	-	-	-		-	2500	D	5.5
REV®	52R74™	White	Light Tawny	Tan		Black	2294	-	5.2
REV®	52A94™	Purple	Gray	Tan		Imperfect Black	2832	-	4.9

Armor	51-R50	-	-	-	-	2650	-	5.1
Croplan	R2C 5081	White	Gray	Tan	Buff	3570	I	5

Table 78. Plant Characteristics of Maturity Group V Late Roundup Ready Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod wall	Hilum		D/I	RM
	R07-							
University of Arkansas	6614RR	White	Gray	Tan	Brown	2854	-	5.8
Asgrow	5935	Purple	Tawny	Brown	Black	2416	D	5.9
Asgrow	5831	Purple	Tawny	Tan	Black	2754	D	5.8
Rev®	57R21™	Purple	Tawny	Tan	Brown	2847	-	5.7
Dyna-Gro	39RY57	Purple	Tawny	Tan	Black	2484	D	5.7

Table 79. Plant Characteristics of Maturity Group IV Liberty Link Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod	Hilum		D/I	RM

wall

Halo	4:40	-	-	-	-	2650	D/I	4.4
Halo	X440	-	-	-	-	2588	D/I	4.0
Halo	X442	-	-	-	-	-	D/I	4.2
Halo	X445	-	-	-	-	-	D/I	4.5
Delta	4767				Imp.			
Grow	LL/STS	Purple	Gray	Tan	Black	3206	I	4.7
Delta					Imp.			
Grow	4967 LL	White	Gray	Tan	Black	2966	I	4.9
Delta					Imp.			
Grow	4990 LL	Purple	Gray	Tan	Black	2941	I	4.9
Delta								
Grow	4867LL	White	Tawny	Brown	Black	2887	I	4.8
Delta	4981							
Grow	LL/STS	White	Tawny	Tan	Black	2730	I	4.9
HBK	HBK LL4650	Purple	Gray	Brown	Black	2525	I	4.6
	HBK LL							
HBK	4850	White	Tawny	Tan	Black	2950	I	4.8
	HBK LL				Imp.			
HBK	4950	White	Gray	Tan	Black	2700	I	4.9
					Imp.			
HBK	HBK LL4953	Purple	Gray	Tan	Black	2800	I	4.9
					Imp.			
Dyna-Gro	S49LL34	Purple	Gray Light	Tan	Black	2682	I	4.9
Progeny	4560 LL	Purple	Tawny	Brown	Black	2787	-	4.5
					Imp.			
Progeny	4620 LLS	Purple	Gray	Tawny	Black	3173	-	4.6
Progeny	4819 LL	White	Tawny	Brown	Black	2581	-	4.8
Progeny	4928 LL	Purple	Gray	Tawny	Buff	2900	-	4.9
					Imp.			
Progeny	4930 LL	Purple	Gray	Tawny	Black	3012	-	4.9
					Imp.			
USG	74G74LS	Purple	Gray	Tan	Black	3196	I	4.7
Halo	4:76	-	-	-	-	3000	D/I	4.7
Halo	4:94	-	-	-	-	2850	D/I	4.9
Halo	4:97	-	-	-	-	2900	D/I	4.9
Halo	X448	-	-	-	-	2800	D/I	4.8
Halo	X449	-	-	-	-	2673	D/I	4.9
					Imp.			
Go Soy	4713	Purple	Gray	Tan	Black	2896	-	4.7
					Imp.			
Go Soy	4914	Purple	Gray	Tan	Black	2553	-	4.9
REV®	49L29™	-	-	-	-	3234	-	4.9
Halo	4:95	-	-	-	-	2775	D/I	4.9
Dyna-Gro	S49LS65	Purple	Gray	Tan	Imp.	2424	I	4.9

					Black			
HBK	CZ 4748 LL	White	Light Tawny	Brown	Black	2901	I	4.7

Table 80. Plant Characteristics of Maturity Group V Liberty Link Soybeans

Brand	Variety	Color				Seeds	Growth	
		Bloom	Pubescence	Pod wall	Hilum		D/I	RM
Delta			Light					
Grow	5461 LL	Purple	Tawny	Tan	Black	2709	I	5.4
Delta					Imperfect			
Grow	5067 LL	Purple	Gray	Tan	Black	3004	-	5.2
Delta								
Grow	5367 LL	-	-	-	-	2888	D	5.3
Delta					Imperfect			
Grow	5481 LL	Purple	Gray	Tan	Black	3042	D	5.4
Progeny	5160LL	White	Tawny	Brown	Black	3066	-	5.1
Progeny	5220LLS	White	Tawny	Tawny	Black	2801	-	5.2
Progeny	5460LL	Purple	Tawny	Tawny	Brown	2879	-	5.4
Progeny	5960LL	White	Gray	Brown	Buff	2711	-	5.9
	CZ 5150				Imperfect			
HBK	LL	Purple	Gray	Tan	Black	2551	D	5.1
					Imperfect			
HBK	5242 LL	Purple	Gray	Tan	Black	2747	D	5.2
Halo	5:01	-	-	-	-	2850	-	5
Halo	5:25	-	-	-	-	2800	-	5.2
Halo	5:26	-	-	-	-	3054	-	5.2
Halo	5:45	-	-	-	-	3100	-	5.4
Halo	X452	-	-	-	-	3165	-	5.2
Halo	X451	-	-	-	-	2786	-	5.1
					Imperfect			
GoSoy	5214	Purple	Gray	Brown	Black	3613	-	5.2
REV®	55L95™	-	-	-	-	2439	-	5.5