

2016 MSU-ES Soybean Variety Demonstration Program



EXTENSION



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During the 2016 growing season, a total of 29 on-farm soybean variety demonstration plots were successfully conducted. The following information is intended to complement data generated through small-plot OVT testing programs.

2016 Locations

County	Demonstration Type	Irrigation Method
Bolivar	MG IV RR	Furrow
Calhoun	MG IV RR	None
Calhoun	MG V RR	None
Covington	MG IV RR	None
Franklin	MG V RR	None
Hinds	MG V RR	None
Humphreys	MG IV RR	Furrow
Itawamba	MG V RR	None
Leflore	MG IV RR	Furrow
Leflore	MG V RR	Furrow
Lowndes	MG V RR	None
Madison	MG V RR	None
Marion	MG V RR	None
Monroe	MG IV RR	None
Monroe	MG V RR	None
Quitman	MG IV LL	Furrow
Quitman	MG V LL	Furrow
Rankin	MG IV RR	None
Sharkey	MG IV RR	Furrow
Sharkey	MG V RR	Furrow
Sharkey	MG IV LL	None
Sharkey	MG V LL	None
Sunflower	Early MG IV RR	Furrow
Sunflower	MG IV RR	Furrow
Tunica	MG IV LL	None
Tunica	MG V LL	None
Washington	MG IV RR	Furrow
Washington	MG IV LL	Furrow
Washington	MG V LL	Furrow

MSU Extension Participants

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Mississippi State University Extension wishes to express special thanks to the many producers who cooperated with this year's on-farm soybean variety demonstration program as well as to the Mississippi Soybean Promotion Board for their continued support of these efforts. In addition, the seed companies and their representatives are sincerely appreciated for providing the seed used at each location. The relationships among participating individuals are critical for the continued success of this program.

Assistance in the conduct of this program provided by: Shane Carver, Nick Bateman, Chase Floyd, Tanner Dinsmore, Zachary Treadway, Tristan Knight, Chase Kasper, and Drew Page

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Bolivar	MG IV RR	11-May	135,000	6 twin rows	38"	Conv.	Forestdale silty clay	Furrow	27-Sep
Calhoun	MG IV RR	25- Apr	110,000	8 twin rows	38"	Conv.	Chastain silt loam	None	9-Sep
Calhoun	MG V RR	25- Apr	110,000	8 twin rows	38"	Conv.	Falaya silt loam	None	21-Sep
Covington	MG IV RR	7-May	90,000	8 rows	36"	Strip-Till	Chaba fine sandy loam	None	29-Sep
Franklin	MG V RR	9-May	130,000	6 rows	38"	Conv.	Providence silt loam	None	26-Oct
Hinds	MG V RR	7-May	120,000	16 rows	30"	Conv.	Oaklimer silt loam	None	3-Oct
Humphreys	MG IV RR	17-May	140,000	16 twin rows	38"	Conv.	Alligator-Dowling clays	Furrow	27-Sep
Itawamba	MG V RR	17-May	110,000	8 rows	38"	Conv.	Marietta loam	None	24-Oct
Leflore	MG IV RR	6-May	117,000	8 rows	38"	Conv.	Alligator clay	Furrow	23-Sep
Leflore	MG V RR	6-May	135,000	6 rows	38"	Conv.	Alligator clay	Furrow	3-Oct
Lowndes	MG V RR	11-May	110,000	6 rows	30"	Conv.	Catalpa silty clay	None	30-Sep
Madison	MG V RR	5-May	120,000	8 rows	30"	No-Till	Calloway silt loam	None	26-Sep
Marion	MG V RR	4-May	105,000	12 rows	30"	Strip-Till	McLaurin fine sandy loam	None	16-Oct
Monroe	MG IV RR	17-May	130,000	6 rows	30"	No-Till	Vaiden silty clay	None	30-Sep
Monroe	MG V RR	16-May	100,000	6 rows	30"	Conv.	Prentiss fine sandy loam	None	11-Oct
Quitman	MG IV LL	18-May	130,000	16 twin rows	38"	Conv.	Dowling clay	Furrow	29-Sep
Quitman	MG V LL	18-May	130,000	16 twin rows	38"	Conv.	Dowling clay	Furrow	29-Sep
Rankin	MG IV RR	7-May	110,000	5 rows	30"	Conv.	Kipling silt loam	None	23-Sep
Sharkey	MG IV RR	17-May	140,000	6 rows	38"	Conv.	Sharkey clay	Furrow	4-Oct
Sharkey	MG V RR	17-May	140,000	6 rows	38"	Conv.	Sharkey clay	Furrow	4-Oct
Sharkey	MG IV LL	17-May	130,000	8 twin rows	38"	Conv.	Commerce silty clay	None	6-Oct
Sharkey	MG V LL	17-May	130,000	8 twin rows	38"	Conv.	Commerce silty clay	None	6-Oct
Sunflower	Early MG IV RR	7-May	120,000	16 twin rows	38"	Conv.	Alligator clay	Furrow	15-Sep
Sunflower	MG IV RR	7-May	150,000	15 rows	15"	Conv.	Alligator clay	Furrow	20-Sep
Tunica	MG IV LL	25-May	140,000	8 rows	30"	Conv.	Dubbs silt loam	None	19-Oct
Tunica	MG V LL	25-May	140,000	8 rows	30"	Conv.	Dubbs silt loam	None	19-Oct
Washington	MG IV RR	10-Jun	144,000	6 rows	30"	Conv.	Sharkey clay	Furrow	26-Oct
Washington	MG IV LL	5-May	143,000	6 twin rows	40"	Conv.	Sharkey clay	Furrow	28-Sep
Washington	MG V LL	5-May	143,000	6 twin rows	40"	Conv.	Sharkey clay	Furrow	28-Sep

Soybean Variety Characteristics

Maturity Group IV Roundup Ready Varieties

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	44-R08	4.4	RR2Y	I	B	MT	G
Armor	47-R70	4.7	RR2Y	I	M	MT	LT
Asgrow	AG4632	4.6	RR2Y/STS	I	MB	T	LT
Asgrow	AG46X6	4.6	RR2X	I	MB	MT	T
Asgrow	AG47X6	4.7	RR2X/STS	I	M	T	LT
Credenz	CZ 4181 RY	4.1	RR2Y	I	MB	MT	LT
Credenz	CZ 4656 RY	4.6	RR2Y	I	MB	MT	G
Croplan	R2C4345	4.3	RR2Y	I	M	T	LT
Croplan	R2C4775	4.7	RR2Y	I	M	MT	LT
Delta Grow	DG 4790RY	4.7	RR2Y	I	MB	MT	T
Dyna-Gro	S43RY95	4.3	RR2Y	I	MB	T	T
Dyna-Gro	31RY45	4.5	RR2Y	I	M	T	LT
Mycogen	5N433R2	4.3	RR2Y	I	MB	MT	T
Mycogen	5N452R2	4.5	RR2Y	I	MB	M	LT
Mycogen	5N490R2	4.9	RR2Y/STS	I	M	M	LT
NK	NK42-P6	4.2	RR2Y	I	M	MT	LT
NK	S47-K5	4.7	RR2Y	I	MB	MT	LT
Pioneer	P41T33R	4.1	RR	I	MB	M	LT
Pioneer	P47T36R	4.7	RR	I	M	M	LT
Pioneer	P47T89R	4.7	RR	I	M	M	LT
Progeny	P 4211 RY	4.2	RR2Y	I	M	M	G
Progeny	P 4788 RY	4.7	RR2Y	I	MB	T	LT
Progeny	P 4900 RY	4.9	RR2Y	I	M	M	LT
Terral	REV 45A46	4.5	RR	I	MB	M	LT
Terral	REV 47R34	4.7	RR	I	MB	MT	LT
Terral	REV 48A26	4.8	RR	I	MB	M	T

¹ – RR = Roundup Ready; RR2Y = Roundup Ready 2 Yield; RR2X = Roundup Ready 2 Xtend; STS = sulfonyleurea tolerant soybean

² – I = indeterminate; D = determinate

³ – T = thin; M = medium; MB = medium-bushy; B = bushy

⁴ – S = short; M = medium; MT = medium-tall; T = tall

⁵ – G = gray; LT = light tawny; T = tawny

Soybean Variety Characteristics (cont.)

Maturity Group V Roundup Ready Varieties							
Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	55-R68	5.5	RR2Y	D	MB	MT	LT
Asgrow	AG53X6	5.3	RR2X	D	MB	M	LT
Asgrow	AG54X6	5.4	RR2X	I	MB	T	T
Credenz	CZ 5375 RY	5.3	RR2Y	D	M	M	G
Croplan	R2C5225S	5.2	RR2Y/STS	I	M	MT	LT
Delta Grow	DG 5230RY	5.2	RR2Y	D	M	MT	T
Dyna-Gro	S52RY75	5.2	RR2Y	D	MB	MT	LT
Dyna-Gro	S56RY84	5.6	RR2Y	D	M	MT	T
Mycogen	5N522R2	5.2	RR2Y	D	MB	MT	LT
Mycogen	5N550R2	5.5	RR2Y	D	M	MT	T
NK	S52-Y2	5.2	RR2Y	I	M	MT	LT
NK	S56-M8	5.6	RR2Y	D	M	M	T
Pioneer	P52T50R	5.2	RR	D	M	M	T
Pioneer	P55T81R	5.5	RR	D	MB	MT	T
Progeny	P 5226 RYS	5.3	RR2Y/STS	I	MB	MT	LT
Terral	REV 51A56	5.1	RR/STS	D	MB	MT	LT
Terral	REV 56R63	5.6	RR	D	MB	MT	G

¹ – RR = Roundup Ready; RR2Y = Roundup Ready 2 Yield; RR2X = Roundup Ready 2 Xtend;

STS = sulfonyleurea tolerant soybean

² – I = indeterminate; D = determinate

³ – T = thin; M = medium; MB = medium-bushy; B = bushy

⁴ – S = short; M = medium; MT = medium-tall; T = tall

⁵ – G = gray; LT = light tawny; T = tawny

Soybean Variety Characteristics (cont.)

Maturity Group IV LibertyLink Varieties

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	47-L10	4.7	LL	I	MB	MT	LT
Credenz	CZ 4748 LL	4.7	LL	I	B	MT	LT
Credenz	HBK LL4953	4.9	LL	I	MB	MT	G
Delta Grow	DG 4587LL/STS	4.5	LL/STS	I	MB	T	LT
Delta Grow	DG 4781LL	4.7	LL	I	MB	T	T
Delta Grow	DG 4967LL	4.9	LL	I	MB	T	T
Dyna-Gro	S45LL97	4.5	LL	I	M	T	G
Dyna-Gro	S49LL34	4.9	LL	I	M	T	G
GoSoy	4912LL	4.9	LL	I	MB	T	G
Progeny	P 4247 LL	4.2	LL	I	T	M	LT
Progeny	P 4930 LL	4.9	LL	I	MB	T	G

Maturity Group V LibertyLink Varieties

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	53-L55	5.3	LL/STS	D	MB	M	T
Credenz	CZ 5150 LL	5.1	LL	Semi-D	B	MT	G
Credenz	CZ 5242 LL	5.2	LL	Semi-D	B	MT	G
Delta Grow	DG 5067LL	5.0	LL	D	M	MT	LT
Dyna-Gro	S52LL66	5.2	LL	I	MB	T	T
Dyna-Gro	S55LS75	5.5	LL/STS	D	B	T	T
GoSoy	5115LL	5.1	LL	I	MB	MT	T
Progeny	P 5414 LLS	5.4	LL/STS	D	M	T	T
Progeny	P 5460 LL	5.4	LL	D	MB	MT	LT

¹ – LL = LibertyLink; STS = sulfonylurea tolerant soybean

² – I = indeterminate; D = determinate

³ – T = thin; M = medium; MB = medium-bushy; B = bushy

⁴ – S = short; M = medium; MT = medium-tall; T = tall

⁵ – G = gray; LT = light tawny; T = tawny

Maturity Group IV RR Varieties Summarized across Irrigated Locations

Total number of locations:		6					
Planting date range:		6-May-16 to 10-June-16					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	47-R70	43	4	0	1	10.1	63.2
Asgrow	AG4632	40	3	0	1	10.2	60.5
Asgrow	AG46X6	40	3	1	1	10.4	67.9
Asgrow	AG47X6	45	3	0	3	9.7	60.6
Credenz	CZ 4656 RY	44	3	1	1	9.9	44.2
Croplan	R2C4775	39	3	0	2	10.3	61.1
Delta Grow	DG 4790 RY	42	4	0	2	10.3	61.6
Dyna-Gro	31RY45	41	4	0	1	10.3	58.7
Mycogen	5N452R2	40	4	0	1	10.3	59.8
Mycogen	5N490R2	42	3	0	3	10.3	64.0
NK	S47-K5	37	2	0	2	10.5	62.5
Pioneer	P47T89R ³	-	-	-	-	-	-
Pioneer	P47T36R ³	-	-	-	-	-	-
Progeny	P 4788 RY	45	3	0	1	9.9	57.3
Progeny	P 4900 RY	36	2	0	2	10.4	60.6
Terral	REV 47R34	41	4	0	1	10.2	60.0
Terral	REV 48A26	41	3	0	2	10.0	64.7
Average across all irr. locations:						10.2	61.2

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data.

Maturity Group IV RR Varieties Summarized across Non-irrigated Locations

Total number of locations:		4					
Planting date range:		25-April-16 to 17-May-16					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	47-R70	39	1	2	1	12.7	52.1
Asgrow	AG4632	36	1	1	2	12.7	47.9
Asgrow	AG46X6	35	1	2	3	12.5	49.8
Asgrow	AG47X6 ³	-	-	-	-	-	-
Credenz	CZ 4656 RY	40	2	0	1	12.5	49.1
Croplan	R2C4775	36	2	1	2	12.4	47.5
Delta Grow	DG 4790 RY	38	3	2	2	12.4	48.5
Dyan-Gro	31RY45	35	1	1	1	12.4	50.5
Mycogen	5N452R2	37	1	1	3	12.3	53.0
Mycogen	5N490R2	36	1	1	2	12.8	46.9
NK	S47-K5	32	1	1	3	12.3	42.6
Pioneer	P47T36R ³	-	-	-	-	-	-
Progeny	P 4788 RY ³	-	-	-	-	-	-
Progeny	P 4900 RY	33	1	2	3	13.4	42.5
Terral	REV 47R34	37	3	2	2	12.8	44.4
Terral	REV 48A26	37	1	2	3	12.7	44.4
Average across all non-irr. locations:						13.0	43.7

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data.

Maturity Group V RR Varieties Summarized across Irrigated Locations							
Total number of locations:		2					
Planting date range:		6-May-16 to 17-May-16					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	55-R68	32	1	1	2	12	60.0
Asgrow	AG53X6	36	1	1	2	10	61.2
Asgrow	AG54X6	49	3	0	6	13	50.0
Credenz	CZ 5375	31	1	0	5	10	58.8
Croplan	R2C5225S	48	4	0	4	11	58.7
Delta Grow	DG 5230RY	37	1	0	1	10	61.9
Dyna-Gro	S52RY75	40	2	0	1	10	64.3
Dyna-Gro	S56RY84	40	2	1	4	11	57.8
Mycogen	5N550R2	36	2	1	1	9	64.0
NK	S56-M8	43	3	1	1	10	51.5
Pioneer	P55T81R	34	1	1	2	10	59.6
Progeny	P 5226 RYS	47	3	0	4	11	59.6
Terral	REV 51A56	43	2	0	3	10	62.3
Terral	REV 56R63	39	4	0	4	11	56.8
Average across all irr. locations:						10.6	59.0

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

Maturity Group V RR Varieties Summarized across Non-irrigated Locations

Total number of locations:		8					
Planting date range:		25-April-16 to 17-May-16					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	55-R68	31	2	0	1	11.3	55.7
Asgrow	AG53X6	32	1	1	1	11.0	52.6
Asgrow	AG54X6	39	3	1	2	12.1	53.6
Credenz	CZ 5375 RY	29	2	1	1	10.9	52.6
Croplan	R2C5225S	41	2	1	2	12.4	51.2
Delta Grow	DG 5230RY ³	-	-	-	-	-	-
Dyna-Gro	S52RY75	38	2	1	2	11.6	54.1
Dyna-Gro	S56RY84	36	1	1	1	11.1	51.0
Mycogen	5N550R2	36	1	1	1	11.5	54.8
NK	S56-M8 ³	-	-	-	-	-	-
Pioneer	P55T81R	31	1	1	1	11.3	51.0
Progeny	P 5226 RYS	39	2	1	2	12.2	55.4
Terral	REV 51A56	35	2	1	3	12.1	53.4
Terral	REV 56R63	32	1	1	1	11.6	52.2
Average across all non-irr. locations:						11.7	53.3

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data.

Maturity Group IV LL Varieties Summarized across Irrigated Locations							
Total number of locations:		2					
Planting date range:		5-May-2016 to 18-May-2016					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	47-L10	45	1	1	1	11.3	54.8
Credenz	CZ 4748 LL	44	2	1	1	10.1	54.2
Credenz	HBK LL4953	48	3	0	2	10.4	57.7
Delta Grow	DG 4587LL/STS	40	1	1	1	10.9	61.5
Delta Grow	DG 4781LL	45	2	0	1	10.6	57.0
Delta Grow	DG 4967LL	51	3	0	2	11.0	56.9
Dyna-Gro	S45LL97	43	2	0	2	10.8	61.2
Dyna-Gro	S49LL34	47	2	0	3	10.2	58.0
Go Soy	4912LL	50	3	0	3	11.2	56.1
Progeny	P 4247 LL	38	1	0	2	11.1	62.1
Progeny	P 4930 LL	47	3	0	2	10.7	57.0
Average across all irr. locations:						10.7	57.9

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

Maturity Group IV LL Varieties Summarized across Non-irrigated Locations

Total number of locations:		2					
Planting date range:		17-May-2016 to 25-May-2016					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	47-L10	41	1	1	0	12	50.1
Credenz	CZ 4748 LL ³	-	-	-	-	-	-
Credenz	HBK LL4953 ³	-	-	-	-	-	-
Delta Grow	DG 4587LL/STS	34	1	1	0	12.3	51.1
Delta Grow	DG 4781LL	38	1	2	0	11.9	51.4
Delta Grow	DG 4967LL	44	3	1	0	12.3	48.0
Dyna-Gro	S45LL97	41	1	1	0	12.4	52.9
Dyna-Gro	S49LL34	40	2	1	0	12.4	49.9
Go Soy	4912LL	47	2	2	1	13.4	46.9
Progeny	P 4247 LL	32	0	2	0	12.3	47.5
Progeny	P 4930 LL	41	3	1	1	11.9	50.9
Average across all non-irr. locations:						12.0	49.9

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data.

Maturity Group V LL Varieties Summarized across Irrigated Locations							
Total number of locations:		2					
Planting date range:		5-May-2016 to 18-May-2016					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	53-L55	42	1	0	5	10.4	55.2
Credenz	CZ 5150 LL	50	2	0	4	10.6	59.1
Credenz	CZ 5242 LL ³	-	-	-	-	-	-
Delta Grow	DG 5067L	48	2	0	2	11.7	54.9
Dyna-Gro	S52LL66	49	2	0	2	10.7	55.9
Dyna-Gro	S55LS75	41	1	0	5	12.1	54.9
GoSoy	5115LL	48	3	0	2	11.3	58.2
Progeny	P 5414 LLS	38	1	0	6	13.3	56.7
Progeny	P 5460 LL	47	2	0	4	10.2	55.3
Average across all irr. locations:						11.3	56.3

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data.

Maturity Group V LL Varieties Summarized across Non-irrigated Locations

Total number of locations:		2					
Planting date range:		17-May-2016 to 25-May-2016					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score ¹	Avg. Shattering Score ¹	Avg. Green Stem Score ¹	Avg. Seed Moisture	Average Yield ²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Armor	53-L55	40	1	1	0	12.6	48.1
Credenz	CZ 5150 LL ³	-	-	-	-	-	-
Credenz	CZ 5242 LL	42	4	1	2	12.5	48.8
Delta Grow	DG 5067L	44	4	1	2	11.9	47.5
Dyna-Gro	S52LL66	41	4	1	1	12.2	49.4
Dyna-Gro	S55LS75	33	1	1	1	11.5	47.4
GoSoy	5115LL	39	1	1	1	11.7	50.5
Progeny	P 5414 LLS	40	2	1	0	11.9	45.5
Progeny	P 5460 LL ³	-	-	-	-	-	-
Average across all non-irr. locations:						12.0	48.2

¹- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

²- Soybean yield adjusted to standard moisture content of 13.0%.

³- Variety not planted/harvested at all locations. See individual location tables for complete data

**Bolivar County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	53	7	0	0	7	1	9	8	10.0	62.6
Asgrow	AG4632	51	6	0	0	7	0	9	9	10.0	57.8
Asgrow	AG46X6	49	6	0	0	7	2	8	8	10.2	66.9
Asgrow	AG47X6	52	5	0	0	7	1	9	8	9.9	64.1
Credenz	CZ 4656 RY	52	8	0	0	7	-	-	-	9.8	40.4
Croplan	R2C4775	50	8	0	0	7	4	8	8	10.0	60.0
Delta Grow	DG 4790RY	52	7	0	0	7	2	9	9	10.2	58.9
Dyna-Gro	31RY45	50	8	0	0	7	3	8	8	10.0	58.7
Mycogen	5N452R2	48	8	0	0	7	2	8	8	10.4	59.0
Mycogen	5N490R2	49	3	0	1	7	4	9	9	11.1	60.5
NK	S47-K5	48	4	0	3	6	3	7	7	10.8	63.8
Pioneer	P47T36R	-	3	0	0	-	-	-	-	10.4	69.0
Progeny	P 4788 RY	54	6	0	1	7	2	8	8	10.4	55.5
Progeny	P 4900 RY	41	2	0	0	7	6	8	8	10.9	64.1
Terral	REV 47R34	53	5	0	0	7	2	8	9	10.4	61.9
Terral	REV 48A26	47	6	0	0	7	5	8	8	10.8	65.0
Plot Average:										10.3	60.5

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Calhoun County – Non-Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
						CLB ¹	FLS ²	SBS ³	TS ⁴		
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	%	bu/acre
Armor	47-R70	30	-	-	-	-	-	-	-	14.6	32.5
Asgrow	AG4632	29	-	-	-	-	-	-	-	12.4	32.5
Asgrow	AG46X6	26	-	-	-	-	-	-	-	13.2	33.1
Asgrow	AG47X6	30	-	-	-	-	-	-	-	11.8	28.4
Credenz	CZ 4656 RY	37	-	-	-	-	-	-	-	14.0	31.2
Croplan	R2C4775	25	-	-	-	-	-	-	-	13.1	30.3
Delta Grow	DG 4790RY	28	-	-	-	-	-	-	-	13.8	29.4
Dyna-Gro	31RY45	31	-	-	-	-	-	-	-	13.1	31.8
Mycogen	5N452R2	32	-	-	-	-	-	-	-	13.2	34.5
Mycogen	5N490R2	30	-	-	-	-	-	-	-	14.3	25.3
NK	S47-K5	24	-	-	-	-	-	-	-	12.3	24.5
Pioneer	P47T36R	27	-	-	-	-	-	-	-	21.7	22.0
Progeny	P 4900 RY	26	-	-	-	-	-	-	-	15.5	27.0
Terral	REV 47R34	25	-	-	-	-	-	-	-	14.1	24.3
Terral	REV 48A26	29	-	-	-	-	-	-	-	14.8	26.6
Plot Average:										14.1	28.9

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Calhoun County – Non-Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	29	3	0	1	7	1	8	7	13.0	65.0
Asgrow	AG53X6	42	3	0	0	7	7	7	5	12.1	63.2
Asgrow	AG54X6	36	6	0	4	7	1	7	7	13.6	65.5
Credenz	CZ 5375 RY	29	6	0	2	6	1	7	6	12.0	61.9
Croplan	R2C5225S	37	5	0	0	7	0	8	-	13.2	54.7
Delta Grow	DG 5230RY	38	5	0	1	6	0	7	-	12.3	64.0
Dyna-Gro	S52RY75	40	4	0	1	7	0	8	-	12.6	62.0
Dyna-Gro	S56RY84	27	1	1	0	7	2	8	6	13.0	55.7
Mycogen	5N550R2	35	4	0	3	7	1	8	7	13.3	58.9
NK	S56-M8	30	0	0	8	6	1	8	7	17.6	48.0
Pioneer	P55T81R	28	2	0	0	6	0	8	6	13.1	51.7
Progeny	P 5226 RYS	37	6	1	0	6	0	8	-	12.2	56.1
Terral	REV 51A56	41	5	0	1	8	7	6	-	12.6	61.9
Terral	REV 56R63	26	1	0	0	7	0	8	8	13.7	52.0
Plot Average:										13.2	58.6

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Covington County – Non-Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	-	2	3	3	-	-	-	-	14.7	48.1
Asgrow	AG4632	-	2	2	3	-	-	-	-	16.6	35.1
Asgrow	AG46X6	-	1	3	5	-	-	-	-	14.5	43.9
Asgrow	AG47X6	-	3	2	3	-	-	-	-	14.5	47.6
Credenz	CZ 4656 RY	-	3	1	3	-	-	-	-	14.9	39.9
Croplan	R2C4775	-	2	2	3	-	-	-	-	14.8	42.8
Delta Grow	DG 4790RY	-	3	2	4	-	-	-	-	14.5	48.2
Dyna-Gro	31RY45	-	1	2	3	-	-	-	-	14.6	42.0
Mycogen	5N452R2	-	1	2	5	-	-	-	-	14.4	47.9
Mycogen	5N490R2	-	2	2	4	-	-	-	-	14.7	49.7
NK	S47-K5	-	2	2	4	-	-	-	-	14.7	41.6
Pioneer	P47T36R	-	1	2	5	-	-	-	-	14.3	47.8
Progeny	P 4900 RY	-	2	3	4	-	-	-	-	15.4	36.2
Terral	REV 47R34	-	4	2	4	-	-	-	-	14.7	39.6
Terral	REV 48A26	-	1	3	3	-	-	-	-	14.1	40.7
Plot Average:										14.8	43.4

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe

**Franklin County – Non-Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	40	0	0	4	6	0	5	5	14.0	40.2
Asgrow	AG53X6	26	0	0	1	6	0	4	4	12.5	28.7
Asgrow	AG54X6	40	0	0	3	6	0	3	6	13.2	45.4
Credenz	CZ 5375 RY	27	2	2	1	6	0	4	4	13.0	36.2
Croplan	R2C5225S	43	0	0	3	5	2	4	4	13.1	42.0
Delta Grow	DG 5230RY	29	2	3	1	5	0	5	4	13.0	35.2
Dyna-Gro	S52RY75	25	0	0	5	6	0	4	5	13.3	39.5
Dyna-Gro	S56RY84	43	0	0	1	5	0	4	4	12.8	44.8
Mycogen	5N550R2	32	0	0	1	5	0	4	4	13.2	45.8
NK	S56-M8	30	0	0	2	6	0	5	4	13.0	48.9
Pioneer	P55T81R	32	0	1	4	5	0	4	4	13.3	44.5
Progeny	P 5226 RYS	30	0	0	4	5	4	3	4	13.7	48.3
Terral	REV 51A56	33	0	0	5	5	0	4	3	14.1	41.3
Terral	REV 56R63	29	0	0	2	6	0	4	5	13.3	46.8
Plot Average:										13.3	42.0

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Hinds County – Non-Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	28	-	-	-	6	0	8	8	12.2	63.3
Asgrow	AG53X6	29	-	-	-	7	0	8	8	12.6	55.2
Asgrow	AG54X6	32	-	-	-	7	0	8	7	13.0	64.5
Credenz	CZ 5375 RY	30	-	-	-	6	7	7	6	12.1	59.6
Croplan	R2C5225S	39	-	-	-	7	6	7	8	13.4	60.7
Delta Grow	DG 5230RY	33	-	-	-	6	3	8	8	13.4	59.0
Dyna-Gro	S52RY75	43	-	-	-	6	0	9	8	13.4	56.8
Dyna-Gro	S56RY84	40	-	-	-	7	0	8	7	12.6	59.5
Mycogen	5N550R2	39	-	-	-	7	1	7	7	12.6	60.0
NK	S56-M8	29	-	-	-	7	0	7	7	12.1	60.3
Pioneer	P55T81R	27	-	-	-	7	5	7	6	12.4	64.5
Progeny	P 5226 RYS	44	-	-	-	7	0	8	7	13.4	64.6
Terral	REV 51A56	29	-	-	-	7	6	7	6	14.2	60.1
Terral	REV 56R63	28	-	-	-	7	0	8	8	12.9	63.4
Plot Average:										12.9	60.8

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Humphreys County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	46	5	1	0	7	0	6	6	11.1	63.1
Asgrow	AG4632	42	5	0	1	7	0	7	8	10.5	60.0
Asgrow	AG46X6	40	3	0	1	6	0	8	8	11.6	69.1
Asgrow	AG47X6	47	5	0	0	7	1	7	7	9.9	59.6
Credenz	CZ 4656 RY	45	4	0	1	7	1	7	7	10.6	40.6
Croplan	R2C4775	44	4	0	0	7	1	7	7	10.9	61.4
Delta Grow	DG 4790RY	45	4	1	0	8	1	8	8	10.9	65.1
Dyna-Gro	31RY45	47	3	0	1	8	0	7	8	10.5	55.6
Mycogen	5N452R2	39	4	1	0	7	1	8	8	10.4	60.3
Mycogen	5N490R2	46	4	0	0	6	0	7	8	10.7	67.4
NK	S47-K5	40	4	0	0	7	1	8	8	10.5	66.5
Pioneer	P47T89R	45	3	1	0	7	1	7	8	10.7	63.2
Progeny	P 4788 RY	48	3	0	0	6	1	6	6	10.9	60.7
Progeny	P 4900 RY	41	3	0	0	6	2	8	9	10.9	65.6
Terral	REV 47R34	42	5	0	0	7	1	7	7	10.5	62.5
Terral	REV 48A26	46	4	0	0	7	1	7	8	10.4	66.7
Plot Average:										10.7	61.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Itawamba County – Non-Irrigated Maturity Group V Roundup Ready											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	33	1	0	1	6	0	6	6	10.3	58.1
Asgrow	AG53X6	34	1	1	0	6	0	6	6	10.3	52.1
Asgrow	AG54X6	38	2	2	1	6	1	7	5	10.3	51.3
Credenz	CZ 5375 RY	33	1	1	1	5	0	6	6	10.3	49.0
Croplan	R2C5225S	48	3	1	1	6	6	5	6	11.0	51.5
Dyna-Gro	S52RY75	45	3	2	0	6	0	8	4	10.7	55.5
Dyna-Gro	S56RY84	35	3	2	1	6	1	7	6	10.3	52.0
Mycogen	5N550R2	43	1	1	0	6	0	7	7	10.5	55.6
Pioneer	P55T81R	33	1	1	0	6	0	5	5	9.7	45.0
Progeny	P 5226 RYS	44	3	1	0	6	6	5	5	10.7	49.8
Terral	REV 51A56	44	2	3	0	6	2	6	5	11.0	53.6
Plot Average:										10.5	52.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Leflore County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	44	4	0	0	8	0	8	8	8.8	69.8
Asgrow	AG4632	40	2	1	0	8	1	7	7	8.8	68.5
Asgrow	AG46X6	42	2	0	0	8	1	8	8	9.2	77.8
Asgrow	AG47X6	47	2	0	0	8	1	7	6	8.2	67.3
Credenz	CZ 4656 RY	39	2	1	0	7	3	7	6	8.6	55.0
Croplan	R2C4775	28	3	0	0	8	1	8	9	8.7	68.6
Delta Grow	DG 4790RY	43	4	0	0	8	1	8	8	8.8	74.0
Dyna-Gro	31RY45	42	2	0	0	7	1	7	4	8.7	70.5
Mycogen	5N452R2	43	3	0	0	7	1	6	6	8.6	69.6
Mycogen	5N490R2	43	2	0	0	7	5	7	7	8.6	77.0
NK	S47-K5	37	2	0	0	7	1	7	7	8.6	70.2
Pioneer	P47T89R	43	4	0	0	8	1	8	7	8.4	74.8
Progeny	P 4788 RY	41	2	0	0	8	1	8	7	8.4	64.0
Progeny	P 4900 RY	36	2	0	0	7	1	8	7	9.1	72.3
Terral	REV 47R34	45	4	0	0	8	0	7	7	8.5	71.4
Terral	REV 48A26	41	4	0	0	8	1	8	7	8.1	72.8
Plot Average:										8.6	70.2

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Leflore County – Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	30	1	0	0	6	1	7	8	10.0	70.1
Asgrow	AG53X6	37	1	0	1	6	1	7	6	9.9	67.5
Asgrow	AG54X6	47	3	0	2	6	0	8	7	11.8	55.8
Credenz	CZ 5375 RY	30	0	0	1	6	1	6	6	11.5	65.9
Croplan	R2C5225S	48	3	0	0	6	8	7	7	10.0	63.2
Delta Grow	DG 5230RY	33	0	0	0	6	1	6	6	9.6	67.4
Dyna-Gro	S52RY75	35	1	0	0	6	1	6	6	9.4	67.3
Dyna-Gro	S56RY84	37	0	0	1	6	2	6	7	10.4	63.0
Mycogen	5N550R2	33	1	0	0	6	1	7	6	9.1	71.4
NK	S56-M8	41	2	0	0	7	8	6	6	9.3	57.3
Pioneer	P55T81R	31	0	0	1	6	7	6	7	9.8	64.5
Progeny	P 5226 RYS	44	3	0	0	6	7	7	6	9.3	61.3
Terral	REV 51A56	40	2	0	1	7	1	6	6	9.1	68.8
Terral	REV 56R63	38	0	0	0	6	1	6	6	10.7	64.7
Plot Average:										10.0	64.9

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Lowndes County – Non-Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	28	2	1	3	6	1	5	5	10.0	66.8
Asgrow	AG53X6	28	2	0	1	7	0	5	5	9.5	62.4
Asgrow	AG54X6	39	3	1	4	7	1	5	5	12.3	60.7
Credenz	CZ 5375 RY	27	0	1	1	6	0	6	5	9.3	60.6
Croplan	R2C5225S	38	0	5	3	6	7	6	5	10.4	65.2
Delta Grow	DG 5230RY	30	0	0	1	7	0	8	7	10.1	61.5
Dyna-Gro	S52RY75	32	0	0	2	7	1	7	7	10.0	58.8
Dyna-Gro	S56RY84	37	2	1	2	7	1	7	8	9.5	55.2
Mycogen	5N550R2	33	1	1	2	7	1	7	6	9.8	62.5
NK	S56-M8	34	0	1	3	6	1	6	5	10.9	59.7
Pioneer	P55T81R	29	2	0	1	6	1	7	7	10.0	56.2
Progeny	P 5226 RYS	33	1	2	3	6	5	7	6	10.3	68.1
Terral	REV 51A56	29	2	1	2	8	0	5	5	10.5	58.5
Terral	REV 56R63	38	1	3	1	6	1	7	7	9.8	61.4
Plot Average:										10.2	61.3

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Madison County – Non-Irrigated Maturity Group V Roundup Ready											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	32	3	0	1	7	0	7	6	12.0	67.1
Asgrow	AG53X6	29	2	0	2	6	1	7	7	12.1	73.0
Asgrow	AG54X6	53	6	0	3	7	1	8	6	13.9	63.5
Credenz	CZ 5375 RY	30	2	2	2	7	0	7	6	11.9	70.0
Croplan	R2C5225S	49	6	0	6	7	3	7	7	16.5	48.5
Delta Grow	DG 5230RY	35	2	0	4	6	1	8	5	12.6	75.6
Dyna-Gro	S52RY75	43	3	0	3	7	3	7	5	12.8	69.2
Dyna-Gro	S56RY84	37	3	0	2	7	0	8	7	11.8	59.9
Mycogen	5N550R2	36	2	0	3	6	1	7	7	12.8	69.7
NK	S56-M8	35	1	0	3	6	1	8	7	13.0	53.9
Pioneer	P55T81R	37	2	0	1	6	1	7	7	12.0	67.9
Progeny	P 5226 RYS	50	6	0	5	6	5	8	6	16.1	64.2
Terral	REV 51A56	45	7	0	7	7	1	7	6	13.7	64.5
Terral	REV 56R63	36	2	0	2	7	1	7	6	12.2	54.4
Plot Average:										13.1	64.4

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Marion County – Non-Irrigated Maturity Group V Roundup Ready											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	-	2	1	2	-	-	-	-	15.0	51.2
Asgrow	AG53X6	-	1	1	4	-	-	-	-	17.3	36.7
Asgrow	AG54X6	-	2	1	4	-	-	-	-	17.0	45.1
Credenz	CZ 5375 RY	-	1	1	5	-	-	-	-	-	-
Croplan	R2C5225S	-	2	1	2	-	-	-	-	15.9	48.7
Delta Grow	DG 5230RY	-	1	1	3	-	-	-	-	-	-
Dyna-Gro	S52RY75	-	1	1	5	-	-	-	-	15.4	38.6
Dyna-Gro	S56RY84	-	2	1	4	-	-	-	-	17.3	37.5
Mycogen	5N550R2	-	1	1	4	-	-	-	-	17.5	53.7
NK	S56-M8	-	1	1	2	-	-	-	-	17.2	53.0
Pioneer	P55T81R	-	1	1	4	-	-	-	-	17.3	60.4
Progeny	P 5226 RYS	-	3	1	5	-	-	-	-	17.3	37.2
Terral	REV 51A56	-	5	1	5	-	-	-	-	-	-
Terral	REV 56R63	-	3	1	5	-	-	-	-	17.6	40.6
Plot Average:										16.8	45.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Monroe County – Non-Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	41	1	1	1	8	1	8	7	8.6	52.4
Asgrow	AG4632	38	2	1	2	8	0	8	8	8.7	49.6
Asgrow	AG46X6	35	3	2	1	8	1	7	7	8.9	48.3
Asgrow	AG47X6	45	1	2	1	8	1	8	6	8.4	50.2
Credenz	CZ 4656 RY	39	2	0	0	8	2	8	6	8.6	47.5
Croplan	R2C4775	40	4	2	1	8	1	8	6	8.8	52.5
Delta Grow	DG 4790RY	40	5	2	1	8	1	8	6	8.8	51.7
Dyna-Gro	31RY45	37	2	0	1	8	0	7	6	8.7	49.6
Mycogen	5N452R2	38	2	1	1	8	0	7	8	8.7	50.2
Mycogen	5N490R2	40	1	1	1	7	4	8	6	9.5	54.6
NK	S47-K5	34	1	0	1	7	1	8	8	9.2	48.5
Progeny	P 4788 RY	40	2	0	0	8	0	8	7	8.6	48.7
Progeny	P 4900 RY	35	1	1	1	7	3	8	7	9.6	52.4
Terral	REV 47R34	40	4	3	0	8	1	7	6	9.5	54.9
Terral	REV 48A26	43	3	2	5	8	1	8	7	9.2	54.2
Plot Average:										8.9	51.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Monroe County – Non-Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	25	2	2	0	6	0	6	6	7.9	29.7
Asgrow	AG53X6	34	1	3	0	6	0	6	7	7.7	33.9
Asgrow	AG54X6	37	2	4	0	7	0	6	6	8.5	24.5
Credenz	CZ 5375 RY	28	1	2	0	7	1	7	6	7.6	31.0
Croplan	R2C5225S	36	3	3	1	7	1	6	6	9.2	36.0
Dyna-Gro	S52RY75	36	1	3	0	7	1	6	6	8.1	36.8
Dyna-Gro	S56RY84	31	1	3	0	6	0	5	6	7.9	30.0
Mycogen	5N550R2	31	1	4	0	6	0	6	6	8.4	30.9
NK	S56-M8	27	1	2	1	6	0	7	6	7.7	28.4
Pioneer	P55T81R	28	0	3	0	6	0	6	6	8.6	27.3
Progeny	P 5226 RYS	35	3	2	0	7	1	6	7	8.7	36.7
Terral	REV 51A56	38	1	3	3	7	0	6	6	9.5	32.7
Terral	REV 56R63	25	1	1	0	6	0	6	5	8.4	34.0
Plot Average:										8.3	31.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Quitman County – Irrigated Maturity Group IV LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-L10	50	1	1	1	7	1	9	8	8.5	52.1
Credenz	CZ 4748 LL	46	1	1	1	7	1	9	9	9.0	51.8
Credenz	HBK LL4953	48	3	0	2	6	1	6	6	9.5	51.9
Delta Grow	DG 4587LL/STS	43	1	1	2	7	1	7	7	8.7	57.6
Delta Grow	DG 4781LL	49	1	0	1	7	1	9	9	8.5	53.6
Delta Grow	DG 4967LL	56	2	0	2	7	1	7	8	9.5	51.2
Dyna-Gro	S45LL97	48	2	0	2	7	2	5	5	9.2	57.8
Dyna-Gro	S49LL34	48	2	0	2	6	0	8	7	9.0	51.9
Go Soy	4912LL	53	2	0	2	6	0	8	9	10.6	51.4
Progeny	P 4247 LL	45	1	0	3	7	1	7	6	8.9	58.6
Progeny	P 4930 LL	47	4	0	2	6	1	8	8	9.4	51.4
Plot Average:										9.2	53.6

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Quitman County – Irrigated
Maturity Group V LibertyLink**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	53-L55	45	1	0	3	6	1	8	8	10.3	50.5
Credenz	CZ 5150 LL	53	3	0	3	6	1	6	6	10.4	54.7
Delta Grow	DG 5067LL	48	1	0	2	6	0	8	8	12.1	48.9
Dyna-Gro	S52LL66	50	1	0	3	6	1	6	6	10.7	51.9
Dyna-Gro	S55LS75	44	0	0	4	6	1	8	7	12.1	49.0
Go Soy	5115LL	49	3	0	1	6	0	8	8	11.6	53.5
Progeny	P 5414 LLS	40	1	0	4	6	1	8	8	15.0	51.7
Progeny	P 5460 LL	48	2	0	4	6	2	8	8	10.4	48.2
Plot Average:										11.6	51.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Rankin County – Non-Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
						CLB ¹	FLS ²	SBS ³	TS ⁴		
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	%	bu/acre
Armor	47-R70	46	0	1	0	7	1	-	-	13.0	75.3
Asgrow	AG4632	42	0	0	1	7	0	8	7	13.5	74.3
Asgrow	AG46X6	43	0	0	2	7	2	8	7	13.0	73.8
Asgrow	AG47X6	40	0	2	4	7	1	7	7	-	-
Credenz	CZ 4656 RY	45	0	0	1	7	-	-	-	12.5	77.6
Croplan	R2C4775	44	0	0	1	7	-	-	-	13.0	64.4
Delta Grow	DG 4790RY	45	0	1	1	7	-	-	-	12.7	64.8
Dyna-Gro	31RY45	37	0	0	0	-	-	-	-	13.0	78.4
Mycogen	5N452R2	42	0	0	2	-	-	-	-	13.1	79.5
Mycogen	5N490R2	39	0	0	2	6	2	7	7	12.9	58.1
NK	S47-K5	38	0	2	3	7	2	-	-	12.7	55.9
Pioneer	P47T36R	43	0	0	2	7	3	7	7	12.2	63.0
Progeny	P 4900 RY	38	0	2	5	7	3	8	7	12.6	54.5
Terral	REV 47R34	45	0	0	2	7	-	-	-	13.0	58.8
Terral	REV 48A26	40	0	0	1	8	1	7	7	13.0	56.1
Plot Average:										12.9	67.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Sharkey County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	46	3	0	2	7	1	7	7	10.3	54.8
Asgrow	AG4632	40	4	0	1	7	0	7	8	10.4	51.4
Asgrow	AG46X6	41	3	0	1	6	3	8	8	10.0	57.1
Asgrow	AG47X6	48	2	0	6	7	1	7	9	10.0	52.1
Credenz	CZ 4656 RY	46	2	0	0	7	4	7	8	9.9	35.2
Croplan	R2C4775	45	2	0	2	7	0	7	8	10.0	52.2
Delta Grow	DG 4790RY	46	1	0	3	6	1	6	9	10.3	51.1
Dyna-Gro	31RY45	42	4	0	1	7	2	7	7	10.6	47.5
Mycogen	5N452R2	42	3	0	1	6	1	7	7	10.4	51.2
Mycogen	5N490R2	43	4	0	4	6	5	7	9	10.1	53.8
NK	S47-K5	38	1	0	2	6	1	6	8	10.4	56.1
Pioneer	P47T89R	46	3	0	3	7	1	7	7	9.8	56.1
Progeny	P 4788 RY	47	3	0	1	7	1	8	8	9.7	49.1
Progeny	P 4900 RY	38	1	0	3	6	3	7	7	9.4	40.1
Terral	REV 47R34	43	3	0	0	8	1	8	8	10.2	55.3
Terral	REV 48A26	43	2	0	2	7	1	7	7	10.4	55.8
Plot Average:										10.1	51.2

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Sharkey County – Irrigated
Maturity Group V Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	55-R68	34	1	1	3	6	0	8	8	14.2	49.8
Asgrow	AG53X6	34	1	1	2	6	0	9	8	9.5	54.8
Asgrow	AG54X6	51	2	0	9	6	0	7	8	14.9	44.1
Credenz	CZ 5375 RY	32	1	0	8	6	0	7	7	9.4	51.6
Croplan	R2C5225S	47	4	0	7	6	4	7	6	12.4	54.1
Delta Grow	DG 5230RY	41	1	0	2	7	3	8	8	9.9	56.4
Dyna-Gro	S52RY75	44	2	0	1	6	0	6	6	9.6	61.2
Dyna-Gro	S56RY84	42	3	1	7	6	1	7	7	11.2	52.6
Mycogen	5N550R2	39	2	1	2	6	0	8	8	9.8	56.6
NK	S56-M8	44	3	1	2	6	4	7	7	10.2	45.7
Pioneer	P55T81R	37	1	1	2	6	3	7	7	10.0	54.6
Progeny	P 5226 RYS	50	2	0	7	6	6	7	6	11.9	57.9
Terral	REV 51A56	45	2	0	4	7	0	6	7	11.2	55.7
Terral	REV 56R63	39	7	0	8	6	1	7	7	10.3	48.8
Plot Average:										11.0	53.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Sharkey County – Non-irrigated Maturity Group IV LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-L10	42	1	0	0	7	2	9	8	9.1	50.7
Credenz	CZ 4748 LL	37	1	1	0	7	2	7	8	8.4	50.3
Credenz	HBK LL4953	36	1	0	1	6	1	8	8	9.1	51.6
Delta Grow	DG 4587LL/STS	32	1	1	0	6	1	8	8	8.6	51.2
Delta Grow	DG 4781LL	38	0	2	0	7	4	8	7	8.8	52.8
Delta Grow	DG 4967LL	43	2	1	0	6	2	8	8	9.5	50.4
Dyna-Gro	S45LL97	42	1	1	0	7	1	8	9	9.0	54.3
Dyna-Gro	S49LL34	39	1	0	0	6	1	8	9	9.7	52.2
Go Soy	4912LL	44	1	2	1	6	2	8	7	11.3	47.5
Progeny	P 4247 LL	31	0	0	0	7	1	7	7	8.8	51.2
Progeny	P 4930 LL	40	2	0	1	6	1	7	8	8.9	52.6
Plot Average:										9.2	51.4

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Sharkey County – Non-irrigated Maturity Group V LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	53-L55	41	1	0	0	6	2	9	8	11.2	48.9
Credenz	CZ 5150 LL	38	1	0	1	6	2	8	8	9.4	50.7
Credenz	CZ 5442 LL	41	1	1	3	6	2	8	8	10.8	50.5
Delta Grow	DG 5067LL	39	1	1	3	6	1	7	7	9.8	50.1
Dyna-Gro	S52LL66	37	1	1	2	6	1	7	7	9.8	51.9
Dyna-Gro	S55LS75	25	0	0	1	6	1	8	8	9.4	50.0
Go Soy	5115LL	30	0	1	1	6	1	9	8	9.3	49.4
Progeny	P 5414 LLS	39	1	0	0	7	3	8	7	10.0	47.9
Progeny	P 5460 LL	37	-	-	-	6	2	7	8	-	-
Plot Average:										10.0	49.9

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Sunflower County – Irrigated
Early Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	44-R08	37	1	0	1	2	7	6	6	11.3	70.9
Credenz	CZ 4181 RY	39	2	0	3	1	6	6	7	10.7	71.0
Croplan	R2C4345	40	3	0	1	4	8	7	6	10.1	74.0
Dyna-Gro	S43RY95	45	3	0	2	4	7	6	7	11.8	73.2
Mycogen	5N433R2	43	3	0	1	3	8	7	7	11.5	75.5
Pioneer	P41T33R	44	4	0	3	0	8	6	7	10.1	71.4
Progeny	P 4211 RY	34	1	0	1	4	8	8	7	10.9	74.7
Terral	REV 45A46	86	3	0	1	4	7	5	6	10.5	70.8
Plot Average:										10.9	72.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Sunflower County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-R70	39	4	0	1	7	1	7	7	10.9	82.0
Asgrow	AG4632	45	3	0	0	7	0	7	6	10.7	83.0
Asgrow	AG46X6	38	3	1	2	7	1	6	6	11.0	87.1
Asgrow	AG47X6	49	3	0	0	8	2	6	5	10.6	81.5
Credenz	CZ 4656 RY	51	4	0	1	7	1	6	6	10.7	58.0
Croplan	R2C4775	44	3	0	0	8	2	6	5	10.9	80.7
Delta Grow	DG 4790RY	42	6	0	0	8	1	7	6	11.0	82.5
Dyna-Gro	31RY45	42	4	0	0	7	2	6	6	10.7	77.0
Mycogen	5N452R2	46	4	0	0	7	1	7	7	10.6	77.8
Mycogen	5N490R2	41	3	1	1	7	3	5	5	11.6	82.0
NK	S47-K5	32	2	0	1	7	1	6	5	11.6	75.2
Pioneer	P47T89R	37	5	0	0	7	1	6	6	10.6	79.8
Progeny	P 4788 RY	47	6	0	0	8	2	7	6	11.0	74.8
Progeny	P 4900 RY	31	3	2	3	7	2	7	7	11.9	78.5
Terral	REV 47R34	43	4	0	0	7	1	7	6	10.6	75.7
Terral	REV 48A26	38	3	0	1	7	1	5	5	11.2	84.1
Plot Average:										11.0	78.7

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Tunica County – Non-irrigated Maturity Group IV LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-L10	41	1	1	0	6	0	6	6	14.9	49.6
Delta Grow	DG 4587LL/STS	37	1	1	0	6	0	7	5	16.0	51.0
Delta Grow	DG 4781LL	38	2	1	0	6	0	7	7	15.0	50.1
Delta Grow	DG 4967LL	46	4	1	0	6	0	6	5	15.1	45.6
Dyna-Gro	S45LL97	40	1	1	0	6	0	7	5	15.7	51.4
Dyna-Gro	S49LL34	41	2	1	0	6	0	6	6	15.0	47.7
Go Soy	4912LL	49	2	1	0	6	0	5	5	15.4	46.2
Progeny	P 4247 LL	34	0	3	0	6	0	7	5	15.7	43.7
Progeny	P 4930 LL	42	3	1	0	5	0	5	4	14.8	49.1
Plot Average:										15.3	48.3

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Tunica County – Non-irrigated Maturity Group V LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	53-L55	38	1	1	0	6	1	7	7	13.9	47.3
Credenz	CZ 5442 LL	44	7	1	0	6	1	5	5	14.2	47.1
Delta Grow	DG 5067LL	48	6	1	0	6	0	7	7	14.0	44.8
Dyna-Gro	S52LL66	44	6	1	0	6	1	5	5	14.6	46.9
Dyna-Gro	S55LS75	40	2	1	1	6	1	6	5	13.6	44.8
Go Soy	5115LL	47	2	1	0	6	0	6	6	14.1	51.6
Progeny	P 5414 LLS	41	2	1	0	6	0	5	5	13.8	43.1
Progeny	P 5460 LL	43	2	2	0	6	1	6	5	13.6	43.5
Plot Average:										14.0	46.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

**Washington County – Irrigated
Maturity Group IV Roundup Ready**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
						CLB ¹	FLS ²	SBS ³	TS ⁴		
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	0 to 9 ⁷	%	bu/acre
Armor	47-R70	27	0	0	2	8	1	7	8	9.3	46.6
Asgrow	AG4632	23	0	0	6	8	1	7	8	10.9	42.4
Asgrow	AG46X6	29	0	3	2	8	1	6	8	10.6	49.3
Asgrow	AG47X6	29	1	0	9	7	1	7	6	9.8	39.2
Credenz	CZ 4656 RY	31	0	2	1	8	1	7	9	9.5	36.1
Croplan	R2C4775	23	0	0	7	8	2	7	8	11.2	43.4
Delta Grow	DG 4790RY	24	0	0	9	8	1	6	8	10.3	38.0
Dyna-Gro	31RY45	24	0	0	1	7	1	6	8	11.5	42.8
Mycogen	5N452R2	22	0	0	4	7	1	6	7	11.4	40.9
Mycogen	5N490R2	28	0	0	9	7	3	6	6	9.5	43.4
NK	S47-K5	26	0	0	8	7	1	7	5	10.9	43.2
Pioneer	P47T89R	29	0	0	9	8	1	7	7	11.6	43.6
Progeny	P 4788 RY	32	0	0	3	8	1	6	7	9.0	39.8
Progeny	P 4900 RY	27	0	0	8	7	1	7	6	9.9	43.0
Terral	REV 47R34	20	0	0	8	8	1	7	6	10.9	32.9
Terral	REV 48A26	30	0	0	7	8	1	5	8	9.3	44.0
Plot Average:										10.4	41.8

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Washington County – Irrigated Maturity Group IV LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	47-L10	40	1	0	1	7	2	7	6	14.0	57.4
Credenz	CZ 4748 LL	42	2	0	1	6	-	-	-	11.2	56.7
Credenz	HBK LL4953	47	3	0	2	7	2	7	6	11.2	63.5
Delta Grow	DG 4587LL/STS	37	1	0	0	7	2	7	7	13.0	65.5
Delta Grow	DG 4781LL	42	2	0	0	7	3	-	-	12.6	60.3
Delta Grow	DG 4967LL	47	3	0	2	6	1	7	7	12.5	62.3
Dyna-Gro	S45LL97	39	1	0	1	6	2	6	6	12.4	64.6
Dyna-Gro	S49LL34	47	2	0	3	7	2	7	7	11.3	64.0
Go Soy	4912LL	48	3	0	3	7	5	7	6	11.8	60.8
Progeny	P 4247 LL	31	1	0	0	7	3	7	7	13.3	65.5
Progeny	P 4930 LL	47	2	0	2	7	3	6	6	12.0	62.6
Plot Average:										12.3	62.1

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.

Washington County – Irrigated Maturity Group V LibertyLink											
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Disease Ratings				Seed Moisture	Yield ⁵
		Inches	0 to 10 ⁶	0 to 10 ⁶	0 to 10 ⁶	CLB ¹	FLS ²	SBS ³	TS ⁴	%	bu/acre
Armor	53-L55	40	0	0	7	6	2	8	8	10.5	59.9
Credenz	CZ 5150 LL	48	2	0	2	7	4	6	6	10.7	63.4
Credenz	CZ 5442 LL	47	1	0	4	7	3	6	7	10.7	59.6
Delta Grow	DG 5067LL	48	2	0	1	6	2	7	7	11.3	60.8
Dyna-Gro	S52LL66	49	2	0	1	7	1	8	8	10.7	59.9
Dyna-Gro	S55LS75	38	1	0	6	7	1	7	8	12.0	60.8
Go Soy	5115LL	47	2	0	3	7	2	7	7	11.0	62.9
Progeny	P 5414 LLS	36	0	0	7	6	1	7	6	11.6	61.7
Progeny	P 5460 LL	45	2	0	4	7	1	6	6	10.0	62.5
Plot Average:										10.9	61.3

¹- Cercospora leaf blight severity ratings based on progression of disease from leaf tissue (0-5), to petioles (6), and to pods and main stems (7-9).

²- Frogeye leaf spot severity ratings.

³- Septoria brown spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁴- Target spot severity ratings based on progression of disease from the lower canopy (0-3), to mid-canopy (4-6), to upper-canopy (7-9).

⁵- Soybean yield adjusted to standard moisture content of 13.0%.

⁶- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

⁷- Scores rated on scale of 0-9 with 0 being excellent and 9 being most severe.