

2017 MSU Extension Soybean Variety Demonstration Program



EXTENSION



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During the 2017 growing season, a total of 32 on-farm soybean variety demonstration plots were successfully conducted. The following information is intended to complement data generated through small-plot OVT testing programs.

2017 Locations

County	Demonstration Type	Irrigation Method
Bolivar	MG IV RR	Furrow
Bolivar	MG IV RR2X	Furrow
Bolivar	MG IV RR2X	Furrow
Clay	MG IV RR	None
Clay	MG V RR	None
Hinds	MG V RR2X	None
Humphreys	MG IV RR2X	Furrow
Itawamba	MG V RR2X	None
Lee	MG V LL	None
Leflore	MG IV RR	Furrow
Leflore	MG IV RR2X	Furrow
Lowndes	MG V RR	None
Madison	MG V RR2X	None
Oktibbeha	Early MG IV RR	Furrow
Oktibbeha	MG IV RR	Furrow
Oktibbeha	MG V RR	Furrow
Oktibbeha	MG IV RR2X	Furrow
Oktibbeha	MG V RR2X	Furrow
Pontotoc	MG IV RR	None
Quitman	MG IV RR2X	Furrow
Rankin	MG IV RR	None
Sharkey	MG IV RR2X	Furrow
Sharkey	MG IV LL	Furrow
Sharkey	MG V LL	Furrow
Sunflower	Early MG IV RR	Furrow
Sunflower	MG IV RR	Furrow
Sunflower	MG IV RR2X	Furrow
Tunica	MG IV LL	Furrow
Tunica	MG V LL	Furrow
Washington	MG IV RR2X	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, Chase Floyd, Tanner Dinsmore, Chase Kasper, Tristan Knight and Zachary Treadway

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Bolivar	MG IV RR	13-Apr	130,000	8 rows	38"	Conv.	Sharkey clay	Furrow	23-Sep
Bolivar	MG IV RR2X	15-Jun	135,000	8 twin rows	38"	Conv.	Forestdale silty clay	Furrow	12-Oct
Bolivar	MG IV RR2X	18-Apr	132,000	6 rows	38"	Conv.	Alligator silty clay	Furrow	28-Sep
Clay	MG IV RR	5-May	115,000	8 rows	30"	Conv.	Griffith silty clay	None	22-Sep
Clay	MG V RR	5-May	115,000	8 rows	30"	Conv.	Griffith silty clay	None	10-Oct
Hinds	MG V RR2X	24-Apr	120,000	4 rows	30"	Conv.	Grenada silt loam	None	13-Oct
Humphreys	MG IV RR2X	26-Apr	155,000	16 twin rows	38"	Conv.	Forestdale fine sandy loam	Furrow	25-Sep
Itawamba	MG V RR2X	20-Jun	110,000	8 rows	38"	Conv.	Marietta loam	None	31-Oct
Lee	MG V LL	14-Jun	140,000	8 rows	38"	Conv.	Ora fine sandy loam	None	31-Oct
Leflore	MG IV RR	17-Apr	135,000	6 rows	38"	Conv.	Alligator clay	Furrow	22-Sep
Leflore	MG IV RR2X	17-Apr	115,000	16 rows	38"	Conv.	Dundee silt loam	Furrow	21-Sep
Lowndes	MG V RR	9-May	110,000	6 rows	30"	Conv.	Leeper silt clay	None	5-Oct
Madison	MG V RR2X	9-May	120,000	6 rows	30"	Min.-Till	Loring silt loam	None	4-Oct
Oktibbeha	Early MG IV RR	20-Apr	130,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	29-Aug
Oktibbeha	MG IV RR	20-Apr	130,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	29-Aug
Oktibbeha	MG V RR	20-Apr	130,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	19-Sep
Oktibbeha	MG IV RR2X	20-Apr	130,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	29-Aug
Oktibbeha	MG V RR2X	20-Apr	130,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	20-Sep
Pontotoc	MG IV RR	15-May	140,000	4 rows	38"	Conv.	Providence silt loam	None	12-Oct
Quitman	MG IV RR2X	13-Jun	130,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	17-Oct
Rankin	MG IV RR	9-May	125,000	5 rows	30"	No-Till	Pelahatchie silt loam	None	4-Oct
Sharkey	MG IV RR2X	17-May	130,000	6 rows	38"	Conv.	Sharkey clay	Furrow	19-Oct
Sharkey	MG IV LL	17-May	137,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	28-Sep
Sharkey	MG V LL	17-May	137,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	28-Sep
Sunflower	Early MG IV RR	11-May	135,000	16 twin rows	38"	Conv.	Alligator clay	Furrow	18-Sep
Sunflower	MG IV RR	1-Jun	150,000	15 rows	15"	Conv.	Alligator clay	Furrow	6-Oct
Sunflower	MG IV RR2X	13-Apr	140,000	8 twin rows	38"	Conv.	Dowling clay	Furrow	20-Sep
Tunica	MG IV LL	18-May	130,000	6 twin rows	38"	Conv.	Dundee silt loam/ Sharkey clay	Furrow	3-Oct
Tunica	MG V LL	18-May	130,000	6 twin rows	38"	Conv.	Dundee silt loam/ Sharkey clay	Furrow	3-Oct
Washington	MG IV RR2X	11-May	135,000	6 rows	30"	Conv.	Dowling clay	Furrow	5-Oct
Washington	MG IV LL	11-May	140,000	14 twin rows	40"	Conv.	Sharkey clay	Furrow	26-Sep
Washington	MG V LL	11-May	140,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	26-Sep

Soybean Variety Characteristics

Maturity Group IV Roundup Ready Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	47-R70	4.7	RR2Y	I	M	MT	LT
Credenz	CZ 4181 RY	4.1	RR	I	MB	MT	LT
Credenz	CZ 4590 RY	4.5	RR	I	MT	MT	LT
Dyna-Gro	S43RY95	4.3	RR2Y	I	MB	T	T
Delta Grow	DG 4790RR2Y	4.7	RR2Y	I	MT	M	T
Dyna-Gro	31RY45	4.5	RR2Y	I	M	T	LT
Pioneer	P41T33R	4.1	RR	I	MB	MT	LT
Pioneer	P47T89R	4.7	RR	I	M	MT	LT
Pioneer	P46A16R	4.6	RR	I	M	MT	G
Progeny	P 4620 RXS	4.6	RR2X/STS	I	M	MT	T
Terral	REV 47R34	4.7	RR	I	MB	MT	LT
Terral	REV 48A26	4.8	RR	I	MB	MT	LT

Maturity Group V Roundup Ready Set

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	M	MT	LT
Credenz	CZ 5375 RY	5.3	RR2Y	D	MB	M	G
Delta Grow	DG 5580RR2Y	5.5	RR2Y	D	B	M	T
Dyna-Gro	S52RY75	5.2	RR2Y	D	M	MT	LT
Dyna-Gro	S57RY26	5.7	RR2Y	D	MB	MT	T
Pioneer	P52A26R	5.2	RR	I	M	MT	G
Progeny	P 5555 RY	5.5	RR2Y	D	M	T	T
Progeny	P 5752 RY	5.7	RR2Y	D	M	T	T
Terral	REV 51A56	5.1	RR	I	MB	MT	LT
Terral	REV 50A47	5.0	RR	I	MB	MT	LT

¹ – RR = Roundup Ready; RR2 = Roundup Ready 2; RR2Y = Roundup Ready 2 Yield;

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

Soybean Variety Characteristics (cont.)

Maturity Group IV Roundup Ready 2 Xtend Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	48-D24	4.8	RR2X	I	M	S	LT
Asgrow	AG43X7	4.3	RR2X/SR	I	MB	T	LT
Asgrow	AG46X6	4.6	RR2X/SR	I	MB	MT	T
Asgrow	AG47X6	4.7	RR2X/SR	I	MB	T	LT
Dyna-Gro	S45XS66	4.5	RR2X/STS	I	MB	MT	LT
Dyna-Gro	S48XT56	4.8	RR2X	I	M	M	LT
NK	S41-A1X	4.1	RR2X	I	MB	T	LT
NK	S43-V3X	4.3	RR2X	I	M	MT	LT
NK	S45-K5X	4.5	RR2X	I	MB	MT	LT
NK	S48-R2X	4.8	RR2X	I	MB	T	LT
Pioneer	P45T74X	4.5	RR2X	I	T	MT	G
Progeny	P 4799 RXS	4.7	RR2X/STS	I	M	T	LT
Progeny	P 4816 RX	4.8	RR2X	I	MB	MT	LT
Terral	REV 4857X	4.8	RR2X	I	MB	MT	G
Terral	REV 4927X	4.9	RR2X	I	MB	MT	LT

Maturity Group V Roundup Ready 2 Xtend Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	53-D04	5.3	RR2X	D	M	M	G
Asgrow	AG51X8	5.1	RR2X	I	MB	T	T
Asgrow	AG55X7	5.5	RR2X	D	B	M	T
Asgrow	AG55X8	5.5	RR2X	I	M	T	T
Dyna-Gro	S54XT17	5.4	RR2X	D	MT	M	G
NK	S52-Y7X	5.2	RR2X	I	M	MT	LT
Pioneer	P54A54X	5.4	RR2X	D	M	M	G
Pioneer	P55A49X	5.5	RR2X	D	MB	S	G
Progeny	P 5376 RX	5.3	RR2X	D	M	M	T
Progeny	P 5417 RX	5.4	RR2X	D	M	M	G

¹ –RR2X = Roundup Ready 2 Xtend; STS/SR = 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

Soybean Variety Characteristics (cont.)

Maturity Group IV LibertyLink Set

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 4540 LL	4.5	LL	I	M	MT	LT
Credenz	CZ 4748 LL	4.7	LL	I	B	M	LT
Delta Grow	DG 4587LL/STS	4.5	LL/STS	I	SB	MT	T
Delta Grow	DG 4977LL/STS	4.9	LL/STS	I	M	MT	G
Dyna-Gro	S42LL63	4.2	LL	I	MB	MT	LT
GoSoy	4714LL	4.7	LL	I	MB	MT	LT
GoSoy	4912LL	4.9	LL	I	B	T	G

Maturity Group V LibertyLink Set

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	D	M	M	T
Credenz	CZ 5147 LL	5.1	LL	D	MB	M	T
Delta Grow	DG 5067LL	5.0	LL	D	B	T	G
Dyna-Gro	S52LL66	5.2	LL	I	MB	T	G
Dyna-Gro	S55LS75	5.5	LL/STS	D	B	T	T
GoSoy	5115LL	5.1	LL	I	MB	MT	T

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 Roundup Ready Varieties Summarized across Irrigated Locations

Total number of locations:		4					
Planting date range:		13-April-17 to 1-June-17					
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
Pioneer	P46A16R	43	3	1	3	12.0	74.2
Terral	REV 48A26	42	3	1	2	12.4	71.1
Pioneer	P47T89R	41	3	1	2	12.3	69.9
Terral	REV 47R34	40	3	2	3	12.2	69.9
Delta Grow	DG 4790RR2Y	42	4	2	2	12.0	69.8
Progeny	P 4620 RXS	41	4	2	3	12.4	69.7
Armor	47-R70	42	4	1	2	12.7	69.6
Credenz	CZ 4590 RY	41	4	0	4	12.8	67.7
Dyan-Gro	31RY45	42	5	1	3	12.2	63.6
Average across all irr. locations:						12.3	69.5

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 Roundup Ready Varieties Summarized across Non-irrigated Locations

Total number of locations:		3					
Planting date range:		2-May-17 to 15-May-17					
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
Terral	REV 48A26	41	3	1	2	13.2	56.3
Pioneer	P46A16R	41	2	1	1	13.3	56.1
Armor	47-R70	41	2	1	3	13.9	54.9
Progeny	P 4620 RXS	41	2	1	4	13.1	54.2
Terral	REV 47R34	44	3	1	1	13.7	52.8
Delta Grow	DG 4790RR2Y	43	2	2	2	13.5	52.4
Pioneer	P47T89R	40	2	1	2	13.3	49.9
Credenz	CZ 4590 RY	39	1	0	1	14.2	49.0
Dyna-Gro	31RY45	38	2	1	2	12.8	45.6
Average across all non-irr. locations:						13.4	52.4

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 Roundup Ready 2 Xtend Varieties Summarized across Irrigated Locations

Total number of locations:		9					
Planting date range:		13-April-17 to 15-May-17					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score¹	Avg. Shattering Score¹	Avg. Green Stem Score¹	Avg. Seed Moisture	Average Yield²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Dyna-Gro	S48XT56	33	2	0	4	14.0	67.7
Armor	48-D24	33	1	0	3	13.5	65.5
Progeny	P 4816 RX	33	1	0	3	13.8	65.4
Asgrow	AG46X6	34	2	0	2	13.1	62.1
Asgrow	AG47X6	40	2	1	3	13.4	62.1
Terral	REV 4857X	36	3	1	2	13.5	62.0
Pioneer	P45T74X	35	3	0	2	13.3	61.8
Dyna-Gro	S45XS66	38	4	0	2	13.5	60.3
NK	S48-R2X	34	2	0	2	13.1	60.1
Terral	REV 4927X	37	3	0	2	14.9	60.0
Progeny	P 4799 RXS	36	2	1	3	13.6	59.2
NK	S45-K5X	32	2	1	2	13.4	58.3
Average across all non-irr. locations:						13.6	62.0

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 Roundup Ready 2 Xtend Varieties Summarized across Non-irrigated Locations

Total number of locations:		3					
Planting date range:		24-April-17 to 20-June-17					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score¹	Avg. Shattering Score¹	Avg. Green Stem Score¹	Avg. Seed Moisture	Average Yield²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Asgrow	AG55X8	43	3	0	2	12.6	72.9
Asgrow	AG51X8	39	2	0	1	12.4	69.5
Pioneer	P54A54X	27	1	0	1	12.2	68.8
Asgrow	AG55X7	26	0	0	3	12.6	68.5
Dyna-Gro	S54XT17	30	1	0	1	12.1	68.0
Pioneer	P55A49X	23	0	0	2	12.4	65.9
Progeny	P 5417 RX	29	1	0	3	12.3	64.0
Armor	53-D04	29	1	0	1	12.1	63.2
Progeny	P 5376 RX	28	0	0	1	12.0	58.6
NK	S52-Y7X	36	1	0	1	12.3	56.6
Average across all irr. locations:						12.3	65.6

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 LibertyLink Varieties Summarized across Irrigated Locations

Total number of locations:		3					
Planting date range:		11-May-17 to 18-May-17					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score¹	Avg. Shattering Score¹	Avg. Green Stem Score¹	Avg. Seed Moisture	Average Yield²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Dyna-Gro	S42LL63	40	2	0	1	12.9	66.7
Delta Grow	DG 4587LL/STS	40	1	0	0	11.7	58.3
Credenz	CZ 4540 LL	38	1	0	2	11.2	56.1
GoSoy	4912LL	44	3	0	1	12.2	54.9
Delta Grow	DG 4977LL/STS	45	2	0	1	11.5	54.0
GoSoy	4714LL	42	1	0	1	11.6	52.8
Armor	47-L10	42	1	0	1	11.6	52.4
Credenz	CZ 4748 LL	41	1	0	1	11.1	51.9
Average across all non-irr. locations:						11.7	55.9

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 V LibertyLink Varieties Summarized across Irrigated Locations

Total number of locations:		3					
Planting date range:		11-May-17 to 18-May-17					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score¹	Avg. Shattering Score¹	Avg. Green Stem Score¹	Avg. Seed Moisture	Average Yield²
		Inches	0 to 10	0 to 10	0 to 10	%	bu/acre
Credenz	CZ 5147 LL	36	0	0	2	12.0	61.0
GoSoy	5115LL	41	1	0	2	11.4	59.4
Armor	53-L55	37	0	0	2	11.6	57.2
Dyna-Gro	S55LS75	38	2	0	3	13.0	56.2
Dyna-Gro	S52LL66	42	2	0	1	11.6	52.7
Delta Grow	DG 5067LL	43	2	0	1	12.4	52.4
Average across all irr. locations:						12.0	56.5

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%.

**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
						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
Pioneer	P46A16R	40	1	4	0	8	-	6	8	10.8	87.6
Pioneer	P47T89R	37	2	3	0	8	-	7	9	10.6	80.4
Progeny	P 4620 RXS	36	3	6	1	7	-	6	6	10.5	80.1
Terral	REV 48A26	36	3	4	0	8	-	8	8	10.5	79.3
Armor	47-R70	37	2	4	0	8	-	7	8	10.6	79.0
Delta Grow	DG 4790RR2Y	36	2	5	0	6	-	6	9	10.7	79.0
Terral	REV 47R34	37	3	7	6	8	-	7	7	10.8	78.0
Dyna-Gro	31RY45	38	4	1	0	8	-	8	9	10.6	77.9
Credeuz	CZ 4590 RY	39	1	0	8	8	-	7	7	10.5	76.6
Plot Average:										10.6	79.8

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- Frog-eye 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.

**Bolivar County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	35	0	-	-	6	-	7	8	12.8	59.3
Pioneer	P45T47X	37	0	-	-	7	-	8	9	14.4	58.5
Dyna-Gro	S45XS66	41	3	-	-	7	-	8	9	14.9	56.9
Terral	REV 4857X	28	2	-	-	7	-	7	8	13.0	56.9
Asgrow	AG47X6	36	1	-	-	7	-	8	9	13.3	56.1
Progeny	P 4816 RX	36	0	-	-	6	1	6	7	14.0	55.8
Asgrow	AG46X6	38	1	-	-	6	-	8	6	13.4	54.1
Armor	48-D24	28	1	-	-	6	-	6	9	12.6	52.9
NK	S45-K5X	29	0	-	-	6	-	8	9	16.1	52.7
Terral	REV 4927X	40	2	-	-	7	-	8	8	12.8	51.8
Progeny	P 4799 RXS	32	0	-	-	6	-	6	7	14.0	50.1
NK	S48-R2X	31	0	-	-	6	1	8	8	13.3	50.0
Plot Average:										13.7	54.6

- 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.

**Bolivar County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	31	1	0	6	6	-	9	7	10.9	54.4
Progeny	P 4816 RX	32	0	0	6	6	1	5	5	11.3	52.4
Armor	48-D24	36	0	0	2	6	1	6	6	10.7	51.1
Terral	REV 4927X	38	1	0	0	6	1	8	8	10.6	50.3
Dyna-Gro	S45XS66	38	2	0	3	6	-	7	7	11.5	49.6
Asgrow	AG46X6	31	1	1	4	6	-	7	8	11.5	47.5
NK	S48-R2X	37	0	0	0	7	3	8	8	10.8	47.5
Pioneer	P45T47X	35	2	0	2	8	-	8	8	11.5	46.7
Terral	REV 4857X	37	0	0	0	8	-	7	8	11.3	46.5
Asgrow	AG47X6	41	1	1	1	7	-	7	9	11.1	46.1
Progeny	P 4799 RXS	41	1	3	2	6	-	6	6	11.2	44.5
NK	S45-K5X	32	1	2	1	8	-	8	8	11.3	44.3
Plot Average:										11.1	48.4

- 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.

**Clay 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
Terral	REV 48A26	38	2	2	1	7	0	8	5	11.4	59.5
Armor	47-R70	43	2	1	5	6	0	6	7	11.6	53.3
Terral	REV 47R34	50	3	1	2	7	0	7	8	11.9	52.4
Delta Grow	DG 4790RR2Y	46	2	3	3	6	2	6	6	11.4	51.8
Progeny	P 4620 RXS	44	2	2	6	7	0	8	8	11.5	51.3
Pioneer	P46A16R	43	2	2	1	7	0	7	6	10.8	49.6
Pioneer	P47T89R	42	1	1	2	6	0	6	7	11.1	46.1
Dyna-Gro	31RY45	42	2	2	2	6	0	7	6	10.6	41.0
Plot Average:										11.2	50.2

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.

**Clay 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
						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
Terral	REV 50A47	45	1	2	2	6	0	5	7	10.7	52.3
Terral	REV 51A56	42	1	1	2	6	0	8	7	10.8	51.2
Dyna-Gro	S52RY75	39	2	1	2	6	0	6	5	11.1	47.8
Delta Grow	DG 5580RR2Y	37	4	2	1	6	0	5	4	11.0	47.0
Armor	55-R68	40	3	2	2	6	0	5	8	10.7	45.6
Progeny	P 5555 RY	44	3	2	3	6	0	4	4	11.0	44.7
Credenz	CZ 5375 RY	36	3	2	2	6	0	5	5	10.2	43.7
Dyna-Gro	S57RY26	40	2	2	1	6	0	5	4	10.7	42.9
Pioneer	P52RY75	47	1	3	2	7	0	5	7	11.4	40.8
Progeny	P 5752 RY	38	2	2	2	6	0	5	6	10.4	40.5
Plot Average:										10.8	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.

**Hinds County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend**

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
Asgrow	AG51X8	38	3	0	1	6	-	5	6	12.7	82.3
Asgrow	AG55X8	41	6	0	2	5	-	6	6	12.8	79.0
Pioneer	P54A54X	28	0	0	1	6	-	7	7	12.8	77.0
Asgrow	AG55X7	24	0	0	5	6	-	6	6	13.3	76.2
Pioneer	P55A49X	22	0	0	4	6	-	6	6	13.2	75.3
Dyna-Gro	S54XT17	24	1	0	1	6	-	5	5	12.9	74.7
Progeny	P 5417 RX	26	1	0	6	6	-	4	4	12.8	71.6
NK	S52-Y7X	39	1	0	0	6	-	7	8	12.9	68.0
Armor	53-D04	28	0	0	1	6	-	5	5	12.4	66.8
Progeny	P 5376 RX	28	0	0	0	6	-	7	7	12.6	63.4
Plot Average:										12.8	73.4

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.

**Humphreys County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	30	1	0	1	8	-	7	7	12.5	67.3
NK	S48-R2X	37	3	0	0	7	-	6	7	11.9	66.5
Progeny	P 4816 RX	29	1	0	0	7	-	8	7	12.0	64.0
Armor	48-D24	27	1	0	1	7	-	6	6	12.0	63.6
Asgrow	AG46X6	32	3	0	0	7	-	7	8	13.0	60.4
Terral	REV 4857X	36	2	1	0	7	-	7	6	12.4	60.0
Terral	REV 4927X	37	7	1	0	8	-	9	8	11.9	58.5
Dyna-Gro	S45XS66	39	6	1	0	7	1	8	8	13.1	56.4
NK	S45-K5X	29	1	0	0	8	-	9	8	13.3	56.4
Asgrow	AG47X6	39	1	2	0	8	-	6	6	12.7	55.8
Progeny	P 4799 RXS	33	3	0	1	7	-	6	6	12.6	55.7
Pioneer	P45T47X	33	2	1	0	8	-	8	8	13.4	53.4
Plot Average:										12.6	59.8

- 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.

**Itawamba County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend**

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
Asgrow	AG55X8	41	1	0	0	6	4	7	7	11.2	54.4
Pioneer	P55A49X	24	1	0	0	8	4	8	7	11.8	53.9
Pioneer	P54A54X	21	2	0	0	7	-	9	7	11.9	52.6
Dyna-Gro	S54XT17	33	1	0	0	7	6	7	8	11.6	50.7
Armor	53-D04	32	2	0	0	7	-	8	6	11.7	49.5
Asgrow	AG55X7	30	0	0	0	7	7	6	6	11.6	49.4
Progeny	P 5417 RX	29	1	0	0	7	3	7	8	12.1	47.8
Progeny	P 5376 RX	29	1	0	0	8	-	7	5	11.7	43.8
Asgrow	AG51X8	33	1	0	0	7	-	9	2	12.0	42.9
NK	S52-Y7X	25	1	0	0	7	6	6	4	12.0	38.3
Plot Average:										11.8	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.

**Lee County – Non-Irrigated
Maturity Group V LibertyLink**

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
Delta Grow	DG 5067LL	28	1	0	0	0	-	6	3	11.9	38.3
Dyna-Gro	S55LS75	30	1	0	0	0	-	3	3	11.8	35.2
Credenz	CZ 5147 LL	27	1	0	0	0	-	3	3	11.6	35.1
Dyna-Gro	S52LL66	28	0	0	0	0	-	6	6	12.3	34.5
Armor	53-L55	33	0	0	0	0	1	4	4	12.3	32.7
GoSoy	5115LL	33	3	0	0	0	-	4	4	11.8	28.3
Plot Average:										12.0	34.0

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.

**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
						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
Pioneer	P47T89R	40	1	0	1	8	-	8	7	11.3	83.9
Pioneer	P46A16R	41	1	0	1	8	-	8	8	12.1	82.3
Armor	47-R70	43	1	0	0	8	-	8	7	11.8	82.1
Delta Grow	DG 4790RR2Y	42	2	0	2	8	-	8	8	12.2	81.4
Terral	REV 48A26	43	1	0	1	8	-	9	8	11.7	81.1
Dyna-Gro	31RY45	43	1	0	1	7	-	8	7	11.7	80.2
Terral	REV 47R34	39	2	0	0	8	-	9	8	12.0	79.5
Progeny	P 4620 RXS	41	2	0	2	7	-	8	8	11.7	77.9
Credeuz	CZ 4590 RY	40	1	0	1	7	-	9	8	12.7	77.7
Plot Average:										11.9	80.7

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.

**Leflore County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	34	1	0	6	6	-	6	7	14.1	90.3
Armor	48-D24	37	2	0	1	6	-	8	7	14.0	89.4
Progeny	P 4816 RX	34	2	0	4	7	-	8	8	13.6	88.8
Asgrow	AG46X6	35	3	0	1	6	-	8	8	12.7	86.7
Pioneer	P45T47X	34	5	0	1	-	-	-	-	13.2	85.3
Terral	REV 4857X	42	7	0	1	8	-	8	8	13.8	84.8
Dyna-Gro	S45XS66	39	7	0	1	6	-	8	7	12.7	84.7
NK	S45-K5X	33	1	0	1	-	-	8	8	13.3	83.3
Asgrow	AG47X6	42	6	0	3	8	-	7	9	13.2	81.8
Progeny	P 4799 RXS	41	6	0	3	7	-	8	8	13.5	79.6
NK	S48-R2X	31	1	0	1	7	-	6	6	14.1	77.9
Terral	REV 4927X	31	7	0	1	8	-	7	7	13.7	76.6
Plot Average:										13.5	84.1

- 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.

**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
						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
Delta Grow	DG 5580RR2Y	32	0	0	1	6	-	6	8	13.4	73.0
Armor	55-R68	35	1	0	2	6	-	6	7	13.5	71.6
Terral	REV 50A47	37	0	2	3	7	-	6	6	12.9	69.7
Pioneer	P52RY75	39	0	2	3	7	-	6	4	12.9	66.9
Dyna-Gro	S57RY26	30	1	0	3	6	-	7	5	12.5	66.7
Dyna-Gro	S52RY75	35	0	1	2	6	-	6	5	12.5	65.3
Progeny	P 5555 RY	34	2	1	3	6	-	7	8	14.5	62.0
Terral	REV 51A56	36	2	0	5	7	-	6	6	12.9	61.3
Progeny	P 5752 RY	34	0	1	4	6	-	7	6	12.6	59.3
Credenz	CZ 5375 RY	27	2	1	4	6	-	6	5	12.3	56.9
Plot Average:										13.0	65.3

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 2 Xtend**

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
Asgrow	AG55X8	46	3	0	2	5	-	5	5	13.7	85.1
Asgrow	AG51X8	46	2	0	2	6	-	5	5	12.5	83.4
Asgrow	AG55X7	24	0	0	3	6	-	4	4	12.8	80.0
Dyna-Gro	S54XT17	33	0	0	2	6	-	7	5	11.8	78.7
Pioneer	P54A54X	31	1	0	3	6	-	7	6	11.8	76.7
Armor	53-D04	27	0	0	3	6	-	6	5	12.1	73.5
Progeny	P 5417 RX	30	1	0	3	6	-	6	6	11.9	72.6
Progeny	P 5376 RX	29	0	0	3	6	-	6	6	11.8	68.7
Pioneer	P55A49X	24	0	0	5	6	-	4	4	12.3	68.5
NK	S52-Y7X	43	1	0	2	6	1	6	8	12.1	63.5
Plot Average:										12.3	75.1

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.

**Oktibbeha County – Irrigated
Maturity Group EARLY 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
NK	S43-V3X	38	7	2	7	-	-	-	-	13.7	61.7
Credeuz	CZ 4181 RY	41	6	2	6	-	-	-	-	14.0	60.1
Asgrow	AG43X7	40	6	2	6	-	-	-	-	14.0	58.4
Pioneer	P41T33R	36	9	2	8	-	-	-	-	13.6	58.4
NK	S41-A1X	35	7	2	8	-	-	-	-	14.8	57.5
Dyna-Gro	S43RY95	39	5	2	5	-	-	-	-	13.3	56.0
Plot Average:										13.9	58.7

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.

**Oktibbeha 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
Terral	REV 47R34	41	3	1	5	-	-	-	-	15.3	54.4
Pioneer	P46A16R	42	8	1	8	-	-	-	-	13.9	53.3
Terral	REV 48A26	42	4	1	6	-	-	-	-	17.1	53.0
Delta Grow	DG 4790RR2Y	43	6	1	5	-	-	-	-	14.2	49.8
Credenz	CZ 4590 RY	44	5	1	4	-	-	-	-	16.4	48.2
Progeny	P 4620 RXS	40	3	1	4	-	-	-	-	16.9	47.9
Armor	47-R70	43	6	1	6	-	-	-	-	17.9	47.1
Pioneer	P47T89R	42	5	1	4	-	-	-	-	16.4	42.7
Dyna-Gro	31RY45	42	7	2	7	-	-	-	-	14.9	42.6
Plot Average:										15.9	48.8

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.

**Oktibbeha County – Irrigated
Maturity Group V 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
Terral	REV 50A47	42	-	-	-	-	-	-	-	19.3	52.3
Dyna-Gro	S52RY75	38	-	-	-	-	-	-	-	18.7	50.1
Terral	REV 51A56	40	-	-	-	-	-	-	-	18.1	49.6
Pioneer	P52RY75	41	-	-	-	-	-	-	-	17.1	46.7
Progeny	P 5752 RY	38	-	-	-	-	-	-	-	14.8	41.5
Dyna-Gro	S57RY26	42	-	-	-	-	-	-	-	14.5	40.8
Progeny	P 5555 RY	40	-	-	-	-	-	-	-	13.2	37.8
Credenz	CZ 5375 RY	36	-	-	-	-	-	-	-	11.6	33.8
Armor	55-R68	38	-	-	-	-	-	-	-	11.0	32.3
Delta Grow	DG 5580RR2Y	40	-	-	-	-	-	-	-	10.6	31.2
Plot Average:										14.9	41.6

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.

**Oktoberbeha County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	37	7	2	3	-	-	-	-	22.8	58.0
Progeny	P 4799 RXS	45	6	2	4	-	-	-	-	20.8	54.3
Progeny	P 4816 RX	37	7	2	2	-	-	-	-	20.3	53.3
Asgrow	AG47X6	44	6	2	6	-	-	-	-	19.9	52.5
Armor	48-D24	36	6	2	2	-	-	-	-	19.8	52.3
Terral	REV 4857X	42	6	2	5	-	-	-	-	19.6	51.9
NK	S48-R2X	40	8	2	7	-	-	-	-	19.3	51.3
Asgrow	AG46X6	37	5	2	3	-	-	-	-	19.1	50.9
Dyna-Gro	S45XS66	42	5	2	6	-	-	-	-	17.6	47.8
NK	S45-K5X	36	7	2	7	-	-	-	-	16.9	46.3
Pioneer	P45T47X	38	7	2	7	-	-	-	-	16.9	46.3
Terral	REV 4927X	42	3	2	4	-	-	-	-	19.9	42.6
Plot Average:										19.4	50.6

- 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.

**Oktibbeha County – Irrigated
Maturity Group V Roundup Ready 2 Xtend**

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
Pioneer	P54A54X	37	0	0	0	-	-	-	-	16.7	53.2
Pioneer	P55A49X	32	0	0	2	-	-	-	-	16.8	52.4
Progeny	P 5417 RX	40	1	0	2	-	-	-	-	16.8	50.2
Dyna-Gro	S54XT17	40	0	0	1	-	-	-	-	16.7	49.4
Asgrow	AG55X7	35	0	0	2	-	-	-	-	16.5	46.8
Asgrow	AG55X8	45	1	0	5	-	-	-	-	22.3	46.8
Asgrow	AG51X8	44	0	0	0	-	-	-	-	17.1	44.0
Progeny	P 5376 RX	34	0	0	0	-	-	-	-	16.6	40.4
Armor	53-D04	41	0	0	1	-	-	-	-	16.7	40.1
NK	S52-Y7X	36	0	0	0	-	-	-	-	16.3	38.1
Plot Average:										17.3	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.

**Pontotoc 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
Delta Grow	DG 4790RR2Y	42	-	-	-	6	-	6	7	15.4	50.4
Pioneer	P46A16R	41	-	-	-	7	-	6	8	15.6	50.3
Armor	47-R70	39	-	-	-	7	-	6	7	16.1	49.5
Terral	REV 47R34	43	-	-	-	7	-	7	7	15.6	46.1
Progeny	P 4620 RXS	39	-	-	-	6	-	7	7	14.3	46.0
Pioneer	P47T89R	38	-	-	-	7	-	6	6	15.8	45.2
Terral	REV 48A26	43	-	-	-	7	-	6	6	15.2	44.7
Dyna-Gro	31RY45	37	-	-	-	6	-	7	7	14.3	44.3
Credenz	CZ 4590 RY	42	-	-	-	7	-	6	6	14.4	44.2
Plot Average:										15.2	46.7

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 Roundup Ready 2 Xtend**

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
Progeny	P 4816 RX	29	0	0	1	6	-	5	5	13.8	54.8
Armor	48-D24	31	0	0	1	6	1	5	5	14.2	54.7
Dyna-Gro	S48XT56	31	0	0	0	6	4	6	7	13.7	53.8
Asgrow	AG47X6	33	1	0	3	6	-	7	7	14.0	52.1
Terral	REV 4857X	28	1	0	1	6	1	5	5	14.6	51.2
Dyna-Gro	S45XS66	32	2	0	1	6	-	6	8	14.3	51.0
Asgrow	AG46X6	27	1	0	3	6	-	6	8	13.4	50.2
Pioneer	P45T47X	28	0	0	1	7	1	6	8	13.7	50.0
NK	S48-R2X	33	0	0	0	6	3	5	6	14.0	49.7
NK	S45-K5X	28	0	0	1	6	1	6	7	13.3	48.6
Progeny	P 4799 RXS	31	1	0	1	6	-	6	7	14.1	48.1
Terral	REV 4927X	34	1	0	2	6	-	6	6	-	-
Plot Average:										13.9	51.3

- 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.

**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
Pioneer	P46A16R	39	2	0	0	7	2	5	5	13.6	68.4
Progeny	P 4620 RXS	41	2	0	1	7	-	6	5	13.6	65.2
Terral	REV 48A26	41	3	0	2	8	-	7	5	13.1	64.8
Armor	47-R70	40	2	0	0	7	-	8	5	13.9	60.9
Terral	REV 47R34	38	2	0	0	7	-	7	5	13.7	59.8
Pioneer	P47T89R	39	2	0	1	7	-	6	6	12.9	58.3
Delta Grow	DG 4790RR2Y	40	1	0	0	7	-	7	6	13.6	55.1
Credenz	CZ 4590 RY	37	1	0	1	7	4	6	6	13.9	53.8
Dyna-Gro	31RY45	37	1	0	1	7	-	7	7	13.6	51.5
Plot Average:										13.5	59.8

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.

**Sharkey County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	37	4	0	4	6	-	6	8	11.9	67.2
Armor	48-D24	37	2	0	5	6	-	7	7	11.9	66.2
Pioneer	P45T47X	43	3	0	2	6	-	5	9	12.8	64.6
Progeny	P 4816 RX	39	1	0	5	6	-	8	8	12.1	64.4
Asgrow	AG47X6	39	2	0	4	5	-	4	7	12.2	63.7
Terral	REV 4857X	38	4	0	3	6	-	5	8	12.3	59.5
NK	S45-K5X	37	2	0	3	6	-	6	9	12.7	59.3
Progeny	P 4799 RXS	43	1	0	3	6	-	6	8	12.3	58.1
NK	S48-R2X	38	2	0	3	6	-	6	7	11.4	55.5
Asgrow	AG46X6	44	3	0	3	6	-	5	7	12.6	54.2
Terral	REV 4927X	41	7	0	7	6	-	5	7	12.0	51.1
Dyna-Gro	S45XS66	40	4	0	4	6	-	7	8	13.3	48.1
Plot Average:										12.3	59.3

- 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.

**Sharkey County – Irrigated
Maturity Group IV LibertyLink**

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
Credenz	CZ 4540 LL	34	1	1	1	6	-	7	6	11.1	53.6
Delta Grow	DG 4587LL/STS	37	0	0	0	6	-	5	7	11.2	52.2
GoSoy	4714LL	41	0	0	1	7	-	6	7	11.1	51.8
Armor	47-L10	41	0	0	0	7	-	6	8	11.1	50.9
Delta Grow	DG 4977LL/STS	45	2	2	1	6	-	7	6	11.2	50.6
GoSoy	4912LL	48	2	0	0	6	-	7	7	11.4	50.5
Credenz	CZ 4748 LL	38	1	1	0	6	-	5	6	11.0	49.1
Dyna-Gro	S42LL63	-	-	-	-	6	-	4	4	-	-
Plot Average:										11.2	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 LibertyLink**

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
Credenz	CZ 5147 LL	44	0	0	0	5	-	7	8	11.7	55.1
GoSoy	5115LL	43	1	0	1	6	-	7	7	11.4	51.8
Dyna-Gro	S55LS75	39	1	0	3	6	-	6	8	11.5	50.1
Armor	53-L55	39	0	0	1	6	-	7	8	11.4	47.4
Dyna-Gro	S52LL66	42	1	0	0	6	-	6	7	11.6	46.6
Delta Grow	DG 5067LL	43	1	0	3	6	-	6	6	11.1	46.5
Plot Average:										11.5	49.6

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.

**Sunflower County – Irrigated
Maturity Group EARLY 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
Pioneer	P41T33R	46	0	0	1	7	-	7	9	12.4	76.3
NK	S43-V3X	46	3	0	1	6	-	7	7	12.8	74.9
Dyna-Gro	S43RY95	48	3	0	3	7	-	7	8	12.6	70.3
Credenz	CZ 4181 RY	45	2	0	1	8	-	7	9	12.4	69.7
Asgrow	AG43X7	44	2	0	1	8	-	7	9	14.4	66.0
NK	S41-A1X	53	2	0	1	7	-	6	9	12.2	60.1
Plot Average:										12.8	69.6

- 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.

**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
						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
Pioneer	P46A16R	50	2	0	3	6	2	7	6	11.0	73.5
Progeny	P 4620 RXS	46	8	0	3	6	5	6	6	10.4	73.0
Pioneer	P47T89R	44	4	0	3	7	-	7	7	10.8	72.5
Terral	REV 48A26	46	4	0	3	7	-	7	5	10.4	70.9
Armor	47-R70	43	6	0	2	6	-	8	8	10.6	70.1
Delta Grow	DG 4790RR2Y	46	7	0	1	6	2	8	7	10.9	69.0
Credenz	CZ 4590 RY	42	7	0	4	6	5	8	7	11.4	68.3
Terral	REV 47R34	44	5	0	0	6	1	7	5	10.8	67.8
Dyna-Gro	31RY45	43	8	0	4	6	-	8	9	11.4	53.6
Plot Average:										10.9	68.7

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 2 Xtend**

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	48-D24	35	1	0	7	6	0	8	7	15.2	94.1
NK	S48-R2X	31	1	0	4	7	1	7	7	12.6	92.9
Dyna-Gro	S48XT56	34	1	0	7	7	1	7	6	15.3	92.1
Asgrow	AG46X6	33	2	0	3	7	0	8	9	11.7	91.7
Terral	REV 4927X	38	3	0	0	8	0	8	8	12.2	91.2
Pioneer	P45T47X	35	3	0	4	8	0	8	8	11.9	90.3
Progeny	P 4816 RX	28	1	0	5	6	0	5	5	14.7	90.2
Asgrow	AG47X6	41	3	1	4	8	1	8	8	12.2	89.8
Terral	REV 4857X	34	1	1	2	7	1	8	7	12.8	86.5
Progeny	P 4799 RXS	28	3	1	4	7	0	8	7	12.8	85.2
Dyna-Gro	S45XS66	33	3	0	1	8	0	8	8	11.7	83.9
NK	S45-K5X	33	3	0	4	8	1	9	8	12.1	82.0
Plot Average:										12.9	89.2

- 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.

**Tunica County – Irrigated
Maturity Group IV LibertyLink**

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
Credenz	CZ 4748 LL	37	1	0	1	-	-	-	-	11.0	54.7
Dyna-Gro	S42LL63	35	1	0	0	6	-	6	6	12.8	54.6
Delta Grow	DG 4587LL/STS	37	2	0	0	6	-	6	7	11.5	54.1
Armor	47-L10	38	2	0	0	6	-	6	8	11.2	53.3
GoSoy	4714LL	38	2	0	0	5	-	6	7	11.0	53.1
Delta Grow	DG 4977LL/STS	40	2	0	0	5	-	6	7	11.1	49.7
Credenz	CZ 4540 LL	37	1	0	1	-	-	-	-	10.9	49.2
GoSoy	4912LL	36	3	0	0	5	-	4	5	11.8	49.0
Plot Average:										11.4	52.2

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.

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

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
Credenz	CZ 5147 LL	32	0	0	2	-	-	-	-	11.8	59.5
Dyna-Gro	S55LS75	39	3	0	4	6	-	5	5	11.8	56.0
Armor	53-L55	34	1	0	1	6	-	5	6	11.4	54.3
GoSoy	5115LL	33	1	0	1	5	-	5	5	10.7	51.8
Dyna-Gro	S52LL66	33	3	0	1	6	-	5	5	11.4	51.4
Delta Grow	DG 5067LL	36	3	0	0	5	-	5	5	12.2	50.5
Plot Average:										11.6	53.9

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.

**Washington County – Irrigated
Maturity Group IV Roundup Ready 2 Xtend**

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
Dyna-Gro	S48XT56	30	0	0	2	5	1	5	8	11.8	66.9
Armor	48-D24	33	0	0	1	5	-	5	7	11.5	65.6
Progeny	P 4816 RX	30	0	0	2	5	-	5	7	12.1	64.6
Dyna-Gro	S45XS66	39	1	0	1	5	-	6	7	12.1	64.5
Asgrow	AG46X6	33	1	0	1	5	-	5	6	10.9	63.0
Pioneer	P45T47X	35	1	0	2	7	-	7	8	11.7	61.5
Terral	REV 4857X	35	0	0	1	6	-	5	8	11.4	60.8
Asgrow	AG47X6	41	0	0	3	7	-	6	9	11.9	60.4
Terral	REV 4927X	30	0	0	1	6	-	6	7	11.3	57.8
Progeny	P 4799 RXS	34	0	0	3	5	-	5	7	11.3	57.0
NK	S45-K5X	28	0	0	2	5	-	7	8	11.6	51.4
NK	S48-R2X	30	0	0	1	6	-	7	7	10.6	49.1
Plot Average:										11.5	60.2

- 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.

**Washington County – Irrigated
Maturity Group IV LibertyLink**

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
Dyna-Gro	S42LL63	44	3	0	1	7	1	6	6	12.9	78.9
Delta Grow	DG 4587LL/STS	47	2	0	1	6	-	7	6	12.5	68.6
Credenz	CZ 4540 LL	44	2	0	3	6	-	6	7	11.7	65.4
GoSoy	4912LL	49	3	0	3	5	-	6	7	13.3	65.1
Delta Grow	DG 4977LL/STS	49	2	0	3	6	-	6	7	12.2	61.6
GoSoy	4714LL	47	2	0	3	7	-	8	8	12.6	53.5
Armor	47-L10	49	2	0	3	7	-	8	8	12.4	52.9
Credenz	CZ 4748 LL	48	0	0	1	7	-	7	9	11.3	52.0
Plot Average:										12.4	62.2

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.

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

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	53-L55	38	0	0	3	6	-	6	9	11.9	69.9
Credenz	CZ 5147 LL	31	0	0	3	6	-	6	8	12.5	68.5
GoSoy	5115LL	47	1	0	3	-	-	-	-	12.2	67.0
Dyna-Gro	S55LS75	37	1	0	1	6	-	6	8	15.7	62.5
Dyna-Gro	S52LL66	51	1	0	1	6	-	6	8	11.9	60.2
Delta Grow	DG 5067LL	49	3	0	1	-	-	-	-	13.9	60.1
Plot Average:										13.0	64.7

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.