

2023 Soybean Variety Demonstration Program



EXTENSION



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During the 2023 growing season, a total of 31 on-farm soybean variety demonstration plots were successfully conducted. The following information is intended to complement data generated through small-plot variety testing programs.

2023 Locations

County	Demonstration Type	Irrigation Method
Benton	MG IV RR2X & XF (Mixed/Light Soil)	None
Bolivar	MG IV EARLY RR2X & XF	Furrow
Bolivar	MG IV RR2X & XF (Clay Soil)	Furrow
Bolivar	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Clay	MG V RR2X & XF	None
Coahoma	MG IV RR2X & XF (Clay Soil)	Furrow
Hinds	MG V RR2X & XF	None
Hinds	MG IV RR2X & XF (Mixed/Light Soil)	None
Hinds	MG IV Enlist E3	None
Humphreys	MG IV RR2X & XF (Clay Soil)	Furrow
Issaquena	MG IV RR2X & XF (Clay Soil)	Furrow
Lee	MG V RR2X & XF	None
Leflore	MG IV RR2X & XF (Clay Soil)	Furrow
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Lowndes	MG IV RR2X & XF (Clay Soil)	None
Lowndes	MG V RR2X & XF	None
Monroe	MG V RR2X & XF	None
Oktibbeha	MG IV EARLY RR2X & XF	Furrow
Oktibbeha	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Oktibbeha	MG IV Enlist E3	None
Panola	MG IV RR2X & XF (Mixed/Light Soil)	Overhead
Pontotoc	MG V RR2X & XF	None
Pontotoc	MG IV Enlist E3	None
Rankin	MG IV RR2X & XF (Mixed/Light Soil)	None
Sunflower	MG IV RR2X & XF (Clay Soil)	Furrow
Sunflower	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Tunica	MG IV RR2X & XF (Clay Soil)	Furrow
Tunica	MG IV RR2X & XF (Mixed/Light Soil)	None
Washington	MG IV EARLY RR2X & XF	Furrow
Washington	MG IV RR2X & XF (Clay Soil)	Furrow
Washington	MG IV RR2X & XF (Mixed/Light Soil)	Overhead

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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 their support of this program. The relationships among participating individuals are critical for the continued success of this program.

Assistance in the conduct of this program provided by: Kyle Wiggs, John Mathis Arnold, and Tanner Stewart

2023 Location Details

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Benton	MG IV RR2X & XF (Mixed/Light Soil)	26-May	140,000	15 rows	15"	No-till	Kirkville fine sandy loam	None	11-Oct
Bolivar	MG IV EARLY RR2X & XF	10-May	145,000	6 twin rows	38"	Conv.	Sharkey clay	Furrow	26-Sep
Bolivar	MG IV RR2X & XF (Clay Soil)	19-May	138,000	8 twin rows	38"	Conv.	Sharkey clay	Furrow	4-Oct
Bolivar	MG IV RR2X & XF (Mixed/Light Soil)	22-May	135,000	6 twin rows	38"	Conv.	Forestdale silty clay loam	Furrow	3-Oct
Clay	MG V RR2X & XF	4-May	120,000	8 rows	30"	Conv.	Griffith silty clay	None	17-Oct
Coahoma	MG IV RR2X & XF (Clay Soil)	18-May	134,000	6 twin rows	40"	Conv.	Alligator clay	Furrow	11-Oct
Hinds	MG V RR2X & XF	23-May	124,000	8 rows	30"	No-till	Riedtown silt loam	None	27-Sep
Hinds	MG IV RR2X & XF (Mixed/Light Soil)	24-May	130,000	2 rows	38"	Conv.	Loring silt loam	None	5-Oct
Hinds	MG IV Enlist E3	24-May	130,000	2 rows	38"	Conv.	Loring silt loam	None	5-Oct
Humphreys	MG IV RR2X & XF (Clay Soil)	30-May	135,000	6 rows	38"	Conv.	Alligator-Dowling clays	Furrow	4-Oct
Issaquena	MG IV RR2X & XF (Clay Soil)	23-May	120,000	6 rows	30"	Conv.	Commerce silty clay loam	Furrow	16-Oct
Lee	MG V RR2X & XF	4-May	120,000	4 rows	38"	No-till	Leeper silty clay loam	None	11-Oct
Leflore	MG IV RR2X & XF (Clay Soil)	2-May	120,000	6 rows	38"	Conv.	Alligator clay	Furrow	3-Oct
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	25-Apr	122,000	16 rows	38"	Conv.	Dundee loam	Furrow	19-Sep
Lowndes	MG IV RR2X & XF (Clay Soil)	11-May	123,000	6 rows	30"	Conv.	Leeper silty clay	None	27-Sep
Lowndes	MG V RR2X & XF	11-May	123,000	6 rows	30"	Conv.	Leeper silty clay	None	27-Sep
Monroe	MG V RR2X & XF	7-Jun	122,000	6 rows	30"	No-Till	Cahaba fine sandy loam	None	26-Oct
Oktibbeha	MG IV EARLY RR2X & XF	15-May	140,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	29-Sep
Oktibbeha	MG IV RR2X & XF (Mixed/Light Soil)	15-May	140,000	2 rows	38"	Conv.	Marietta fine sandy loam	Furrow	29-Sep
Oktibbeha	MG IV Enlist E3	20-Apr	140,000	12 rows	38"	Conv.	Marietta fine sandy loam	None	22-Sep
Panola	MG IV RR2X & XF (Mixed/Light Soil)	31-May	110,000	6 rows	38"	Conv.	Falaya silt loam	Overhead	19-Oct
Pontotoc	MG V RR2X & XF	10-May	128,000	8 rows	30"	No-till	Providence silt loam	None	4-Oct
Pontotoc	MG IV Enlist E3	10-May	128,000	8 rows	30"	No-till	Providence silt loam	None	4-Oct
Rankin	MG IV RR2X & XF (Mixed/Light Soil)	19-Apr	130,000	8 rows	38"	Conv.	Pelahatchie silt loam	None	22-Aug
Sunflower	MG IV RR2X & XF (Clay Soil)	25-Apr	135,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	20-Sep
Sunflower	MG IV RR2X & XF (Mixed/Light Soil)	22-May	138,000	6 twin rows	38"	Conv.	Dundee sandy loam	Furrow	4-Oct
Tunica	MG IV RR2X & XF (Clay Soil)	19-May	140,000	8 rows	30"	No-till	Alligator clay	Furrow	10-Oct
Tunica	MG IV RR2X & XF (Mixed/Light Soil)	17-Apr	130,000	8 rows	30"	Conv.	Teksob very fine sandy loam	None	27-Sep
Washington	MG IV EARLY RR2X & XF	4-May	140,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	28-Sep
Washington	MG IV RR2X & XF (Clay Soil)	4-May	140,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	28-Sep
Washington	MG IV RR2X & XF (Mixed/Light Soil)	17-May	140,000	4 twin rows	40"	Conv.	Tunica clay	Overhead	10-Oct

Soybean Variety Characteristics

Maturity Group IV Early Roundup Ready 2 Xtend & XtendFlex Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Asgrow	AG39XF3	3.9	XF	I	MB	MT	LT
Asgrow	AG43XF2	4.3	XF	I	MB	MT	LT
Asgrow	AG42XF4	4.2	XF	I	MB	T	LT
Dyna-Gro Seed	S42XF93S	4.2	XF/STS	I	M	MT	LT
Dyna-Gro Seed	S43XS70	4.3	RR2X	I	M	MT	LT
Great Heart Seed	GT-4366XFS	4.3	XF/STS	I	MB	MT	LT
Innvictis Seed Solutions	A4411XF	4.4	XF	I	MB	MT	G
NK Seeds	NK42-T5XF	4.2	XF	I	M	MT	LT
NK Seeds	NK43-Y9XFS	4.3	XF/STS	I	M	MT	LT
NK Seeds	NK44-J4XFS	4.4	XF/STS	I	M	MT	G
Pioneer	P44A21X	4.4	RR2X	I	MB	MT	LT
Progeny Ag	P 4200RXS	4.2	RR2X/STS	I	MB	MT	LT
Revere	4415XF	4.4	XF	I	MB	M	LT

¹ – RR2X = Roundup Ready 2 Xtend; XF = XtendFlex; SR/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 & XtendFlex Set (includes both Mixed/Light and Clay soil specific varieties)

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Asgrow	AG45XF3	4.5	XF	I	MB	MT	LT
Asgrow	AG46XF3	4.6	XF	I	MB	MT	LT
Asgrow	AG48XF3	4.8	XF	I	MB	MT	LT
Delta Grow Seed Co.	46X65RR2X	4.6	RR2X	I	MB	M	T
Delta Grow Seed Co.	48X45RR2X	4.8	RR2X	I	M	M	T
Dyna-Gro Seed	S46XF31S	4.6	XF/STS	I	MB	T	LT
Dyna-Gro Seed	S46XS60	4.6	RR2X	I	MB	MT	LT
Dyna-Gro Seed	S47XF23S	4.7	XF/STS	I	MB	MT	LT
Dyna-Gro Seed	S49XF43S	4.9	XF/STS	I	MB	MT	G
Great Heart Seed	GT-4762XF	4.7	XF	I	MB	MT	T
Great Heart Seed	GT-4756XF	4.7	XF	I	MB	MT	LT
Innvictis Seed Solutions	A4862XF	4.8	XF	I	M	T	T
Innvictis Seed Solutions	A4850XF	4.8	XF	I	M	MT	T
NK Seeds	NK47-Z1XF	4.7	XF	I	MB	T	LT
NK Seeds	S49-F5X	4.9	RR2X	I	MB	MT	G
Pioneer	P45A70LX	4.5	RR2X	I	MB	M	G
Pioneer	P46A90LX	4.6	RR2X	I	MB	MT	LT
Pioneer	P47A64X	4.7	RR2X	I	MB	MT	G
Pioneer	P48A04LX	4.8	RR2X	I	MB	MT	LT
Progeny Ag	P 4798XF	4.7	XF	I	MB	MT	T
Revere	4795XS	4.7	RR2X/STS	I	MB	M	LT
Revere	4826XF	4.8	XF	I	MB	MT	T

¹ – RR2X = Roundup Ready 2 Xtend; XF = XtendFlex; SR/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 V Roundup Ready 2 Xtend & XtendFlex Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Asgrow	AG53XF2	5.3	XF	I	MB	T	LT
Asgrow	AG56XF2	5.6	XF	D	B	MT	T
Delta Grow Seed Co.	52XF22	5.2	XF	I	B	MT	T
Dyna-Gro Seed	S51XF84S	5.1	XF/STS	I	MB	MT	LT
Dyna-Gro Seed	S52XT91	5.2	RR2X	I	MB	T	T
NK Seeds	NK52-V1XF	5.2	XF	I	MB	MT	LT
NK Seeds	NK55-T2XF	5.5	XF	D	MB	M	T
Pioneer	P50A08LX	5.0	RR2X	I	MB	M	T
Pioneer	P53A67X	5.3	RR2X	D	M	M	G
Progeny Ag	P 5056XFS	5.0	XF/STS	I	M	T	LT
Revere	5029XF	5.0	XF	I	B	T	LT

¹ – RR2X = Roundup Ready 2 Xtend; XF = XtendFlex; SR/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 & V Enlist E3 Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Pioneer	P38A28E	3.8	Enlist E3	I	M	MT	LT
Pioneer	P42A84E	4.2	Enlist E3	I	T	MT	LT
Pioneer	P45A81E	4.5	Enlist E3	I	M	S	LT
Pioneer	P48A14E	4.8	Enlist E3	I	T	MT	LT
Pioneer	P51A33SE	5.1	Enlist E3	I	M	S	G
Pioneer	P56A71E	5.6	Enlist E3	D	MT	M	T

¹ – E3 = Enlist; 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 EARLY Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations

Total number of locations:		3					
Planting date range:		4-May-23 to 15-May-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Dyna-Gro Seed	S43XS70	37	4	1	2	11.2	71.8
NK Seeds	NK42-T5XF	36	3	1	0	11.3	71.5
Progeny Ag	P 4200RXS	41	5	0	1	11.2	71.3
NK Seeds	NK44-J4XFS	35	3	1	1	11.4	70.5
NK Seeds	NK43-Y9XFS	37	2	1	1	11.2	70.2
Great Heart Seed	GT-4366XFS	40	2	1	1	11.4	69.3
Innqvictis Seed Solutions	A4411XF	37	2	2	1	11.4	67.5
Asgrow	AG39XF3	34	2	2	1	11.0	67.4
Asgrow	AG43XF2	37	2	1	1	10.8	67.2
Dyna-Gro Seed	S42XF93S	38	4	2	2	11.5	67.1
Pioneer	P44A21X	37	5	1	1	10.8	66.5
Revere	4415XF	35	2	1	1	11.1	65.1
Asgrow	AG42XF4	40	3	2	2	10.6	64.4
Average across all irr. locations:						11.1	68.4

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Maturity Group IV (Mixed/ Light Soil) Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations

Total number of locations:		6					
Planting date range:		25-Apr-23 to 31-May-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Pioneer	P46A90LX	42	3	1	1	10.1	70.3
Delta Grow Seed Co.	48X45RR2X	41	1	0	3	11.0	67.8
Asgrow	AG45XF3	42	2	1	2	10.6	67.2
Asgrow	AG46XF3	41	2	1	1	10.6	67.2
Dyna-Gro Seed	S46XS60	41	2	1	2	10.3	67.1
Revere	4795XS	42	2	0	2	10.6	66.3
Pioneer	P45A70LX	39	3	1	2	10.4	65.9
Dyna-Gro Seed	S49XF43S	41	2	0	2	11.2	65.6
NK Seeds	NK47-Z1XF	43	1	1	2	10.4	65.6
Great Heart Seed	GT-4756XF	38	2	0	1	10.0	64.8
Asgrow	AG48XF3	43	2	1	1	10.8	64.6
NK Seeds	S49-F5X	40	2	0	2	10.1	64.6
Innvictis Seed Solutions	A4850XF	40	2	0	4	10.5	62.4
Progeny Ag	P 4798XF	43	4	0	2	10.6	60.2
Average across all irr. locations:						10.5	65.7

¹- Soybean yield adjusted to standard moisture content of 13.0%

²- S cores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Maturity Group IV (Mixed/ Light Soil) Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Non-Irrigated Locations

Total number of locations:		4					
Planting date range:		17-Apr-23 to 26-May-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Dyna-Gro Seed	S49XF43S	36	3	1	2	11.9	53.2
NK Seeds	NK47-Z1XF	36	2	1	2	11.0	52.0
Revere	4795XS	39	2	1	2	10.9	51.5
NK Seeds	S49-F5X	36	3	1	1	10.8	51.0
Delta Grow Seed Co.	48X45RR2X	38	2	1	2	11.8	51.0
Pioneer	P45A70LX	34	2	2	2	11.5	48.8
Asgrow	AG46XF3	36	3	1	3	12.3	48.5
Pioneer	P46A90LX	37	2	2	2	10.7	48.3
Innvictis Seed Solutions	A4850XF	39	2	1	3	11.2	47.5
Great Heart Seed	GT-4756XF	34	2	1	2	11.0	46.4
Asgrow	AG45XF3	36	2	1	2	11.1	46.2
Dyna-Gro Seed	S46XS60	36	3	1	2	11.4	45.3
Asgrow	AG48XF3	35	2	1	2	11.7	44.5
Progeny Ag	P 4798XF	39	3	1	2	10.6	43.9
Average across all non-irr. locations:						11.3	48.4

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations

Total number of locations:		8					
Planting date range:		25-Apr-23 to 30-May-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Pioneer	P47A64X	39	4	1	2	10.2	71.0
Delta Grow Seed Co.	46X65RR2X	35	3	1	1	10.4	67.9
Asgrow	AG46XF3	34	3	1	1	10.6	67.9
NK Seeds	NK47-Z1XF	38	3	1	1	10.1	67.9
NK Seeds	S49-F5X	34	3	0	2	9.8	67.2
Revere	4826XF	35	3	0	2	9.9	67.0
Asgrow	AG45XF3	34	3	1	1	11.2	65.9
Pioneer	P48A04LX	38	4	1	2	10.0	65.6
Great Heart Seed	GT-4762XF	35	4	1	1	10.1	65.5
Innictis Seed Solutions	A4862XF	33	3	0	2	10.1	65.4
Asgrow	AG48XF3	36	3	0	1	10.0	65.1
Dyna-Gro Seed	S46XF31S	38	3	1	1	10.2	64.6
Progeny Ag	P 4798XF	38	4	0	2	10.4	64.1
Dyna-Gro Seed	S47XF23S	35	3	1	1	9.9	63.6
Average across all irr. locations:						10.2	66.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Maturity Group V Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Non-Irrigated Locations

Total number of locations:		6					
Planting date range:		4-May-23 to 7-Jun-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Pioneer	P53A67X	31	3	2	0	10.3	57.3
Asgrow	AG53XF2	42	2	1	2	10.4	52.6
Revere	5029XF	41	2	1	1	10.7	52.4
Pioneer	P50A08LX	34	3	2	0	9.9	52.4
Dyna-Gro Seed	S52XT91	37	2	1	1	10.6	51.8
NK Seeds	NK52-V1XF	40	2	1	2	10.4	51.1
Progeny Ag	P 5056XFS	42	3	1	1	11.0	50.6
Dyna-Gro Seed	S51XF84S	35	2	1	0	9.8	50.0
Asgrow	AG56XF2	37	2	1	1	10.6	49.8
Delta Grow Seed Co.	52XF22	38	3	2	2	10.4	49.2
NK Seeds	NK55-T2XF	30	2	2	1	11.0	37.7
Average across all non-irr. locations:						10.5	50.4

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Maturity Group IV & V Enlist E3 Varieties Summarized across Non-Irrigated Locations

Total number of locations:		3					
Planting date range:		20-Apr-23 to 24-May-23					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield¹
		Inches	0 to 10²	0 to 10²	0 to 10²	%	bu/acre
Pioneer	P45A81E	20	2	2	0	10.5	48.5
Pioneer	P42A84E	37	2	2	0	9.2	48.2
Pioneer	P48A14E	38	3	2	1	9.8	46.4
Pioneer	P51A33SE	30	1	1	1	9.1	43.7
Pioneer	P56A71E	32	2	1	1	10.4	37.8
Pioneer	P38A28E	40	2	7	1	9.9	22.1
Average across all non-irr. locations:						9.8	41.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Benton County – Non-Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Dyna-Gro Seed	S49XF43S	40	2	0	2	14.4	69.6
Innvictis Seed Solutions	A4850XF	44	2	0	3	14.7	62.7
NK Seeds	NK47-Z1XF	38	1	0	2	14.0	61.2
Asgrow	AG45XF3	33	2	0	3	12.7	60.8
Delta Grow Seed Co.	48X45RR2X	42	2	0	3	14.6	59.7
Pioneer	P46A90LX	37	2	0	4	14.7	55.9
Asgrow	AG46XF3	37	3	0	4	16.0	55.8
NK Seeds	S49-F5X	38	2	0	2	14.9	54.4
Revere	4795XS	40	2	0	4	14.0	53.4
Great Heart Seed	GT-4756XF	28	1	0	2	14.6	53.2
Pioneer	P45A70LX	31	2	0	3	15.6	52.0
Progeny Ag	P 4798XF	41	2	0	3	13.8	51.9
Dyna-Gro Seed	S46XS60	36	3	0	4	14.9	48.6
Asgrow	AG48XF3	32	2	0	3	15.3	48.1
Plot Average:						14.6	56.2

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Bolivar County – Irrigated
Maturity Group IV EARLY Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
NK Seeds	NK42-T5XF	47	3	0	0	9.7	82.8
Dyna-Gro Seed	S43XS70	46	5	0	1	9.5	80.8
Asgrow	AG43XF2	46	3	0	0	9.7	80.3
Progeny Ag	P 4200RXS	51	6	0	0	10.1	77.9
Innvictis Seed Solutions	A4411XF	43	2	0	1	10.0	75.5
Asgrow	AG42XF4	48	3	0	1	9.6	75.4
NK Seeds	NK44-J4XFS	38	3	0	1	9.8	75.3
Revere	4415XF	42	2	0	1	10.3	75.2
Great Heart Seed	GT-4366XFS	47	2	0	0	9.9	75.0
NK Seeds	NK43-Y9XFS	45	2	0	1	9.7	74.9
Asgrow	AG39XF3	43	2	0	1	9.3	74.8
Dyna-Gro Seed	S42XF93S	40	7	1	2	10.1	74.5
Pioneer	P44A21X	44	5	0	0	9.5	72.1
Plot Average:						9.8	76.5

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Bolivar County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
NK Seeds	S49-F5X	40	3	0	1	9.4	83.7
Revere	4826XF	40	3	0	0	8.8	82.3
Pioneer	P47A64X	38	4	1	1	12.1	82.1
Asgrow	AG45XF3	42	4	0	0	11.7	82.0
Innvictis Seed Solutions	A4862XF	34	4	0	0	9.4	81.7
Delta Grow Seed Co.	46X65RR2X	36	4	1	0	11.6	81.6
Pioneer	P48A04LX	41	5	0	0	9.0	81.3
NK Seeds	NK47-Z1XF	40	3	0	1	9.7	80.3
Asgrow	AG46XF3	43	4	1	0	12.3	80.0
Great Heart Seed	GT-4762XF	39	4	1	0	9.6	79.7
Dyna-Gro Seed	S47XF23S	40	3	1	1	9.5	76.2
Asgrow	AG48XF3	39	4	0	0	9.8	75.8
Progeny Ag	P 4798XF	40	5	0	0	12.5	75.2
Dyna-Gro Seed	S46XF31S	43	4	1	0	10.0	72.4
Plot Average:						10.4	79.6

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Bolivar County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P46A90LX	51	3	0	0	9.8	84.4
NK Seeds	S49-F5X	46	2	0	2	10.0	83.3
Delta Grow Seed Co.	48X45RR2X	48	1	0	0	9.8	82.9
Pioneer	P45A70LX	46	4	0	0	10.3	82.8
Revere	4795XS	49	3	0	1	9.6	80.6
Dyna-Gro Seed	S46XS60	48	2	1	1	10.1	80.1
NK Seeds	NK47-Z1XF	49	1	1	0	9.9	79.7
Dyna-Gro Seed	S49XF43S	47	2	0	2	10.7	79.0
Asgrow	AG45XF3	45	4	1	0	10.8	78.4
Asgrow	AG46XF3	50	2	1	0	10.9	77.4
Progeny Ag	P 4798XF	49	5	1	1	10.2	76.6
Great Heart Seed	GT-4756XF	46	4	0	0	9.7	76.3
Innqvictis Seed Solutions	A4850XF	45	2	0	1	10.0	76.1
Asgrow	AG48XF3	48	2	0	0	9.7	73.1
Plot Average:						10.1	79.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Clay County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P53A67X	28	1	2	0	10.8	67.1
Asgrow	AG53XF2	34	2	0	5	10.7	54.6
Dyna-Gro Seed	S51XF84S	33	2	1	0	10.7	54.5
Dyna-Gro Seed	S52XT91	30	2	1	4	11.4	53.9
Progeny Ag	P 5056XFS	38	4	2	3	12.7	53.8
Pioneer	P50A08LX	36	3	1	1	11.2	53.2
Asgrow	AG56XF2	39	2	1	3	11.2	52.8
Revere	5029XF	34	1	1	6	9.4	51.8
Delta Grow Seed Co.	52XF22	35	3	1	7	11.3	51.5
NK Seeds	NK52-V1XF	35	1	0	8	11.9	51.1
NK Seeds	NK55-T2XF	25	2	2	4	11.1	39.6
Plot Average:						11.1	53.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Coahoma County – Irrigated
Maturity Group IV (Clay Soils) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Delta Grow Seed Co.	46X65RR2X	34	3	1	0	10.3	58.6
Pioneer	P47A64X	39	4	0	2	9.9	56.5
Asgrow	AG46XF3	33	2	0	1	10.3	55.8
NK Seeds	NK47-Z1XF	38	2	2	0	10.8	54.8
Dyna-Gro Seed	S46XF31S	36	2	1	0	10.0	54.1
Great Heart Seed	GT-4762XF	31	3	0	0	10.9	53.8
Dyna-Gro Seed	S47XF23S	32	2	0	0	10.2	51.4
Asgrow	AG45XF3	37	2	0	0	10.5	50.8
Progeny Ag	P 4798XF	34	4	1	2	11.0	49.5
Asgrow	AG48XF3	32	2	0	1	10.9	49.2
Revere	4826XF	34	2	1	2	10.3	46.5
Innvictis Seed Solutions	A4862XF	34	1	1	3	10.6	46.2
Pioneer	P48A04LX	38	7	1	3	10.2	46.0
NK Seeds	S49-F5X	32	1	0	0	10.3	40.8
Plot Average:						10.4	51.0

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

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

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P53A67X	44	3	0	0	10.6	56.3
Asgrow	AG56XF2	33	3	2	1	11.3	53.0
Pioneer	P50A08LX	44	2	0	0	8.4	51.9
Revere	5029XF	49	2	0	0	10.9	49.6
Asgrow	AG53XF2	47	4	0	0	10.6	47.6
Progeny Ag	P 5056XFS	52	2	1	0	10.4	47.1
Delta Grow Seed Co.	52XF22	46	2	0	0	9.6	47.1
Dyna-Gro Seed	S52XT91	42	2	3	0	10.4	47.0
Dyna-Gro Seed	S51XF84S	37	3	0	0	9.6	46.4
NK Seeds	NK52-V1XF	41	3	0	0	10.3	45.5
NK Seeds	NK55-T2XF	29	4	2	0	14.0	38.1
Plot Average:						10.6	48.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Hinds County – Non-Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
NK Seeds	S49-F5X	-	4	2	0	8.9	37.8
Dyna-Gro Seed	S49XF43S	-	3	2	1	11.3	36.6
Delta Grow Seed Co.	48X45RR2X	-	2	2	0	10.2	35.4
Revere	4795XS	-	3	1	0	9.8	34.9
NK Seeds	NK47-Z1XF	-	4	2	0	9.9	34.2
Asgrow	AG48XF3	-	4	1	0	10.1	31.5
Asgrow	AG46XF3	-	3	2	0	11.1	30.5
Pioneer	P45A70LX	-	4	3	1	10.5	28.7
Progeny Ag	P 4798XF	-	4	1	1	9.4	28.3
Great Heart Seed	GT-4756XF	-	2	2	0	9.2	26.4
Innqvist Seed Solutions	A4850XF	-	3	2	1	11.4	26.2
Pioneer	P46A90LX	-	3	3	0	9.4	25.7
Dyna-Gro Seed	S46XS60	-	3	2	0	10.2	24.4
Asgrow	AG45XF3	-	3	3	0	10.9	21.8
Plot Average:						10.2	30.2

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Hinds County – Non-Irrigated
Maturity Group IV & V Enlist E3**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P45A81E	-	4	5	1	11.3	36.9
Pioneer	P48A14E	-	5	3	2	8.8	34.5
Pioneer	P42A84E	-	3	4	1	8.5	33.4
Pioneer	P51A33SE	-	2	1	1	8.5	31.9
Pioneer	P56A71E	-	2	2	1	10.2	30.0
Pioneer	P38A28E	-	2	7	1	10.4	10.8
Plot Average:						9.6	29.6

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Humphreys County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P47A64X	39	4	0	2	10	60.2
Asgrow	AG46XF3	36	4	1	0	9.7	58.3
NK Seeds	S49-F5X	34	3	0	9	10.2	57.7
Revere	4826XF	35	4	0	7	9.4	56.6
NK Seeds	NK47-Z1XF	38	2	0	2	11.4	56.1
Asgrow	AG48XF3	39	3	0	2	11.4	56.1
Progeny Ag	P 4798XF	40	4	0	3	10.5	55.1
Dyna-Gro Seed	S46XF31S	41	4	1	1	11	54.6
Asgrow	AG45XF3	32	3	1	1	11.3	54.3
Pioneer	P48A04LX	41	3	0	2	9.6	53.4
Delta Grow Seed Co.	46X65RR2X	40	3	1	0	10.3	52.4
Innvictis Seed Solutions	A4862XF	37	3	0	3	10.3	51.8
Great Heart Seed	GT-4762XF	39	4	1	0	11	51.8
Dyna-Gro Seed	S47XF23S	38	4	1	1	10.6	51.1
Plot Average:						10.5	55.0

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Issaquena County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Asgrow	AG45XF3	34	3	0	0	13.5	71.2
Asgrow	AG46XF3	36	2	0	2	12.5	68.0
Delta Grow Seed Co.	46X65RR2X	44	2	0	2	12.1	67.1
NK Seeds	NK47-Z1XF	44	3	0	3	10.6	66.6
Pioneer	P47A64X	47	4	0	3	11.7	63.5
Asgrow	AG48XF3	41	2	0	5	11.4	63.3
NK Seeds	S49-F5X	36	3	0	6	11.6	62.5
Dyna-Gro Seed	S46XF31S	48	2	0	4	11.8	62.2
Great Heart Seed	GT-4762XF	40	3	0	4	11.9	61.6
Revere	4826XF	35	3	0	6	12.1	59.8
Dyna-Gro Seed	S47XF23S	37	3	0	3	11.4	58.7
Progeny Ag	P 4798XF	43	4	0	4	11.3	57.1
Innvictis Seed Solutions	A4862XF	35	2	0	7	11.7	54.1
Pioneer	P48A04LX	44	2	0	5	12.1	50.2
Plot Average:						11.8	61.8

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Lee County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Asgrow	AG53XF2	34	-	-	-	9.5	67.8
Progeny Ag	P 5056XFS	34	-	-	-	10.2	67.6
Revere	5029XF	30	-	-	-	10.1	66.5
NK Seeds	NK52-V1XF	35	-	-	-	9.3	65.7
Dyna-Gro Seed	S52XT91	31	-	-	-	9.3	64.8
Pioneer	P53A67X	20	-	-	-	9.5	64.7
Delta Grow Seed Co.	52XF22	25	-	-	-	9.7	64.5
Dyna-Gro Seed	S51XF84S	33	-	-	-	9.2	63.4
Pioneer	P50A08LX	34	-	-	-	9.1	62.4
Asgrow	AG56XF2	33	-	-	-	9.4	58.4
NK Seeds	NK55-T2XF	25	-	-	-	9.3	39.5
Plot Average:						9.5	62.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Leflore County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P47A64X	28	2	1	5	9.4	69.1
Asgrow	AG48XF3	26	2	1	2	8.8	67.7
Asgrow	AG46XF3	25	2	1	4	10.4	67.7
Pioneer	P48A04LX	25	3	1	4	9.9	67.4
NK Seeds	S49-F5X	27	2	1	1	9.1	67.3
Revere	4826XF	25	2	1	1	9.8	66.1
NK Seeds	NK47-Z1XF	29	2	1	2	8.7	65.5
Dyna-Gro Seed	S46XF31S	24	2	1	4	9.3	63.6
Innvictis Seed Solutions	A4862XF	24	2	1	4	10.0	63.4
Great Heart Seed	GT-4762XF	25	2	1	3	8.6	61.8
Delta Grow Seed Co.	46X65RR2X	22	1	1	3	9.8	61.3
Asgrow	AG45XF3	27	2	1	3	12.0	60.8
Progeny Ag	P 4798XF	30	4	1	3	9.0	60.3
Dyna-Gro Seed	S47XF23S	23	1	1	3	9.7	60.0
Plot Average:						9.6	64.4

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Leflore County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Delta Grow Seed Co.	48X45RR2X	42	3	1	1	9.4	90.7
Revere	4795XS	44	2	1	1	9.7	89.7
Dyna-Gro Seed	S49XF43S	39	3	0	0	11.2	88.9
Dyna-Gro Seed	S46XS60	40	2	1	1	9.7	88.1
Asgrow	AG45XF3	41	2	1	4	10.2	87.8
Pioneer	P45A70LX	39	3	1	2	10.4	86.9
Pioneer	P46A90LX	40	2	2	1	9.4	86.6
Asgrow	AG46XF3	41	3	1	1	10.1	85.5
NK Seeds	S49-F5X	38	2	0	1	9.4	85.4
Innvictis Seed Solutions	A4850XF	39	3	0	7	9.5	84.8
Asgrow	AG48XF3	45	3	2	0	8.8	84.1
Great Heart Seed	GT-4756XF	39	2	2	0	8.9	83.4
NK Seeds	NK47-Z1XF	45	2	1	1	9.5	83.3
Progeny Ag	P 4798XF	43	5	0	0	9.4	71.9
Plot Average:						9.7	85.5

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Lowndes County – Non-Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P48A04LX	41	6	0	0	11.5	61.5
Revere	4826XF	42	1	0	0	11.3	59.5
Asgrow	AG46XF3	43	2	0	0	11.0	58.9
Pioneer	P47A64X	46	4	0	0	10.1	58.8
NK Seeds	NK47-Z1XF	44	2	0	1	11.1	56.8
Asgrow	AG48XF3	45	1	0	0	11.2	55.9
Delta Grow Seed Co.	46X65RR2X	39	1	0	0	11.9	55.3
Dyna-Gro Seed	S46XF31S	42	1	0	0	10.8	55.1
Asgrow	AG45XF3	39	2	0	0	11.9	54.3
Dyna-Gro Seed	S47XF23S	46	3	1	0	10.3	52.0
NK Seeds	S49-F5X	37	3	0	0	11.4	51.3
Great Heart Seed	GT-4762XF	41	4	0	0	11.0	48.7
Innvictis Seed Solutions	A4862XF	40	2	0	0	10.9	47.8
Progeny Ag	P 4798XF	40	6	0	0	10.4	47.4
Plot Average:						11.1	54.5

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Lowndes County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P53A67X	35	6	0	2	11.4	60.1
Pioneer	P50A08LX	43	4	0	0	10.6	58.6
Dyna-Gro Seed	S52XT91	42	3	0	0	11.5	56.9
Revere	5029XF	48	5	0	0	11.5	55.7
NK Seeds	NK52-V1XF	48	2	0	1	11.6	55.5
Asgrow	AG53XF2	49	1	0	1	11.7	53.8
Asgrow	AG56XF2	40	2	0	3	11.7	53.0
Dyna-Gro Seed	S51XF84S	44	1	0	0	10.8	52.2
Progeny Ag	P 5056XFS	49	3	0	0	10.7	50.6
Delta Grow Seed Co.	52XF22	43	3	0	0	11.3	50.2
NK Seeds	NK55-T2XF	39	2	0	2	12.6	41.8
Plot Average:						11.4	53.5

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Monroe County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P53A67X	27	1	4	0	10.4	53.4
Asgrow	AG53XF2	44	3	2	1	10.6	52.8
Pioneer	P50A08LX	33	2	5	1	11.0	50.1
Dyna-Gro Seed	S52XT91	38	3	2	0	10.9	49.8
NK Seeds	NK52-V1XF	37	1	6	0	10.5	49.3
Revere	5029XF	36	1	3	0	11.5	46.9
Asgrow	AG56XF2	35	3	2	0	10.6	46.4
Progeny Ag	P 5056XFS	36	2	2	1	11.7	46.3
Dyna-Gro Seed	S51XF84S	30	1	6	0	10.1	45.8
Delta Grow Seed Co.	52XF22	33	2	7	0	10.8	41.4
NK Seeds	NK55-T2XF	30	2	4	0	10.2	38.0
Plot Average:						10.8	47.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Oktibbeha County – Irrigated
Maturity Group IV EARLY Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
NK Seeds	NK44-J4XFS	41	2	0	2	13.2	64.2
NK Seeds	NK43-Y9XFS	39	1	0	2	12.9	63.0
Great Heart Seed	GT-4366XFS	44	3	0	1	13.1	62.8
Dyna-Gro Seed	S43XS70	39	2	0	4	13.1	60.8
Asgrow	AG39XF3	37	1	0	2	12.1	60.7
NK Seeds	NK42-T5XF	38	1	0	1	12.6	58.3
Innvictis Seed Solutions	A4411XF	42	2	0	3	13.1	57.7
Progeny Ag	P 4200RXS	44	4	0	3	12.4	57.0
Asgrow	AG42XF4	46	4	0	2	11.7	56.6
Pioneer	P44A21X	41	5	0	1	11.9	55.6
Dyna-Gro Seed	S42XF93S	45	7	0	2	13.2	51.9
Revere	4415XF	37	2	0	2	12.8	51.8
Asgrow	AG43XF2	39	1	0	2	11.8	51.3
Plot Average:						12.6	57.8

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**OkTibbeha County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P46A90LX	41	5	1	2	11.9	71.3
Delta Grow Seed Co.	48X45RR2X	38	2	0	4	15	68.5
Asgrow	AG48XF3	43	3	0	5	16.7	64.9
Asgrow	AG45XF3	41	4	1	2	12.3	62.8
NK Seeds	NK47-Z1XF	43	2	0	3	12.9	61.3
Dyna-Gro Seed	S46XS60	38	3	0	3	12.6	61.2
Revere	4795XS	42	2	0	5	13.6	60.5
Asgrow	AG46XF3	39	2	0	3	13	59.2
Pioneer	P45A70LX	36	4	0	1	12	59.0
Innvictis Seed Solutions	A4850XF	38	2	0	4	13.3	57.8
NK Seeds	S49-F5X	35	3	0	2	12.2	54.5
Progeny Ag	P 4798XF	42	4	0	4	12.9	54.1
Great Heart Seed	GT-4756XF	35	3	0	3	12.9	53.5
Dyna-Gro Seed	S49XF43S	37	3	1	3	13.7	49.0
Plot Average:						13.2	59.2

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Oktibbeha County – Non-Irrigated
Maturity Group IV & V Enlist E3**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P42A84E	32	1	0	0	10.5	61.8
Pioneer	P48A14E	35	2	0	0	11.2	60.6
Pioneer	P45A81E	33	1	0	0	11.1	59.5
Pioneer	P51A33SE	28	1	0	0	10.5	54.5
Pioneer	P56A71E	33	1	0	3	11.6	45.3
Plot Average:						11.0	56.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Panola County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Asgrow	AG46XF3	39	1	1	2	9.8	52.4
Pioneer	P46A90LX	42	2	0	3	10.0	48.2
Asgrow	AG45XF3	43	1	0	3	9.7	45.9
Dyna-Gro Seed	S46XS60	43	2	0	4	9.9	45.0
Pioneer	P45A70LX	38	2	0	6	9.9	44.7
Asgrow	AG48XF3	44	2	1	2	10.1	43.8
Dyna-Gro Seed	S49XF43S	38	2	2	6	10.9	43.6
NK Seeds	NK47-Z1XF	42	1	2	4	9.8	42.2
Revere	4795XS	41	2	0	6	10.3	40.3
Great Heart Seed	GT-4756XF	37	1	0	3	9.6	40.2
Progeny Ag	P 4798XF	42	3	0	3	10.4	40.1
NK Seeds	S49-F5X	42	2	0	8	9.9	36.5
Delta Grow Seed Co.	48X45RR2X	40	1	0	8	11.5	35.7
Innvictis Seed Solutions	A4850XF	37	1	0	7	10.7	30.6
Plot Average:						10.2	42.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Pontotoc County – Non-Irrigated
Maturity Group V Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Revere	5029XF	47	3	1	1	10.7	44.1
Pioneer	P53A67X	35	3	2	0	9.2	42.0
Delta Grow Seed Co.	52XF22	45	4	2	2	9.5	40.6
NK Seeds	NK52-V1XF	43	2	1	1	8.7	39.7
Asgrow	AG53XF2	46	2	1	1	9.2	39.1
Progeny Ag	P 5056XFS	44	4	1	0	10.3	38.4
Dyna-Gro Seed	S52XT91	41	2	1	0	9.9	38.2
Pioneer	P50A08LX	13	2	3	0	9.1	37.9
Dyna-Gro Seed	S51XF84S	37	1	0	0	8.1	37.4
Asgrow	AG56XF2	42	2	1	0	9.4	35.3
NK Seeds	NK55-T2XF	31	1	0	0	9.0	29.4
Plot Average:						9.4	38.4

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Pontotoc County – Non-Irrigated
Maturity Group IV & V Enlist E3**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P42A84E	41	1	2	0	8.5	49.3
Pioneer	P45A81E	7	2	0	0	9	49.0
Pioneer	P51A33SE	32	1	2	1	8.3	44.6
Pioneer	P48A14E	42	2	2	0	9.3	44.2
Pioneer	P56A71E	32	2	1	0	9.3	38.2
Pioneer	P38A28E	40	2	7	0	9.4	33.4
Plot Average:						9.0	43.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Rankin County – Non-Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
NK Seeds	S49-F5X	35	1	1	0	8.2	66.3
Revere	4795XS	37	2	1	1	9.3	65.0
NK Seeds	NK47-Z1XF	35	1	1	2	8.8	64.6
Dyna-Gro Seed	S49XF43S	32	2	1	0	9.5	63.5
Great Heart Seed	GT-4756XF	35	1	1	1	8.6	61.7
Pioneer	P46A90LX	37	2	3	0	8.3	61.6
Pioneer	P45A70LX	33	1	2	0	8.4	61.2
Dyna-Gro Seed	S46XS60	34	2	2	1	8.7	60.9
Delta Grow Seed Co.	48X45RR2X	32	2	1	0	11.3	60.4
Asgrow	AG46XF3	34	2	1	4	9.8	60.1
Asgrow	AG48XF3	37	1	1	1	10.2	57.0
Asgrow	AG45XF3	36	2	1	2	9.0	55.7
Innqvictis Seed Solutions	A4850XF	33	1	1	2	8.2	53.4
Progeny Ag	P 4798XF	35	3	1	1	9.1	52.5
Plot Average:						9.1	60.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Sunflower County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²		
NK Seeds	S49-F5X	33	3	1	0	8.6	88.0
Innvictis Seed Solutions	A4862XF	30	2	1	0	9.0	85.6
Pioneer	P47A64X	37	2	1	0	8.4	85.4
Revere	4826XF	34	2	1	0	8.9	84.0
Delta Grow Seed Co.	46X65RR2X	35	2	1	0	8.5	83.8
Pioneer	P48A04LX	39	2	2	0	9.0	83.2
Asgrow	AG46XF3	31	2	1	0	8.4	81.7
NK Seeds	NK47-Z1XF	38	2	1	0	8.8	81.4
Dyna-Gro Seed	S46XF31S	35	1	1	0	8.6	80.8
Asgrow	AG45XF3	28	2	1	0	8.9	80.6
Dyna-Gro Seed	S47XF23S	35	2	1	0	7.8	78.2
Great Heart Seed	GT-4762XF	35	3	1	0	8.6	77.1
Progeny Ag	P 4798XF	35	3	1	0	8.9	74.7
Asgrow	AG48XF3	36	2	1	0	8.5	73.8
Plot Average:						8.6	81.3

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Sunflower County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P45A70LX	38	0	1	0	9.0	59.2
Great Heart Seed	GT-4756XF	35	0	0	0	8.6	57.5
Dyna-Gro Seed	S49XF43S	42	1	0	1	10.2	57.1
Pioneer	P46A90LX	40	1	0	0	8.8	54.1
Delta Grow Seed Co.	48X45RR2X	43	0	0	2	9.7	53.2
NK Seeds	S49-F5X	41	0	0	1	8.7	53.1
Asgrow	AG46XF3	39	0	0	0	8.9	52.2
Asgrow	AG45XF3	39	0	1	0	9.0	52.0
Revere	4795XS	32	0	0	0	9.4	50.7
NK Seeds	NK47-Z1XF	39	0	0	0	9.0	50.6
Innqvictis Seed Solutions	A4850XF	43	0	0	0	9.1	50.4
Asgrow	AG48XF3	42	0	0	0	8.9	49.2
Dyna-Gro Seed	S46XS60	36	0	1	0	8.7	49.1
Progeny Ag	P 4798XF	37	0	0	0	10.1	48.4
Plot Average:						9.2	52.6

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Tunica County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P47A64X	51	3	0	0	9.7	73.9
Progeny Ag	P 4798XF	48	6	0	0	9.9	68.2
Pioneer	P48A04LX	42	5	0	0	9.9	67.3
NK Seeds	NK47-Z1XF	51	4	1	0	10.7	67.0
Revere	4826XF	47	4	0	0	10.0	65.5
Delta Grow Seed Co.	46X65RR2X	46	4	0	0	10.4	65.1
Innvictis Seed Solutions	A4862XF	47	4	0	0	9.4	65.0
Great Heart Seed	GT-4762XF	43	4	0	1	10.1	64.6
Asgrow	AG45XF3	47	4	0	0	11.1	62.9
Dyna-Gro Seed	S47XF23S	51	4	1	0	9.8	62.5
NK Seeds	S49-F5X	44	4	0	0	9.3	61.9
Asgrow	AG48XF3	43	3	0	0	9.4	60.7
Dyna-Gro Seed	S46XF31S	45	4	0	0	10.2	59.6
Asgrow	AG46XF3	40	3	0	0	10.8	58.9
Plot Average:						10.1	64.5

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Tunica County – Non-Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P45A70LX	38	2	1	4	11.3	53.4
Revere	4795XS	38	2	1	1	10.3	52.8
Pioneer	P46A90LX	37	2	1	4	10.5	50.0
Delta Grow Seed Co.	48X45RR2X	38	2	1	4	11.2	48.4
NK Seeds	NK47-Z1XF	36	2	1	4	11.1	48.1
Innvictis Seed Solutions	A4850XF	39	2	1	4	10.6	47.9
Asgrow	AG46XF3	37	2	1	5	12.1	47.8
Dyna-Gro Seed	S46XS60	37	2	1	4	11.8	47.4
Asgrow	AG45XF3	40	2	1	4	11.7	46.3
NK Seeds	S49-F5X	36	3	1	3	11.0	45.4
Great Heart Seed	GT-4756XF	40	2	1	4	11.4	44.5
Dyna-Gro Seed	S49XF43S	36	3	1	3	12.5	43.3
Progeny Ag	P 4798XF	40	2	1	4	9.9	42.9
Asgrow	AG48XF3	37	2	1	4	11.0	41.4
Plot Average:						11.2	47.1

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

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

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Progeny Ag	P 4200RXS	27	4	1	0	11.2	79.1
Dyna-Gro Seed	S42XF93S	27	1	3	1	11.1	74.8
Dyna-Gro Seed	S43XS70	26	5	3	0	11.1	73.7
NK Seeds	NK42-T5XF	24	4	2	0	11.5	73.3
NK Seeds	NK43-Y9XFS	28	2	4	0	10.9	72.5
NK Seeds	NK44-J4XFS	27	4	2	0	11.3	72.1
Pioneer	P44A21X	28	4	3	1	10.9	71.9
Great Heart Seed	GT-4366XFS	29	1	2	3	11.3	70.2
Asgrow	AG43XF2	27	3	3	2	10.9	70.1
Innvictis Seed Solutions	A4411XF	25	2	5	0	11.2	69.4
Revere	4415XF	26	2	2	1	10.3	68.4
Asgrow	AG39XF3	22	2	3	0	11.5	66.6
Asgrow	AG42XF4	25	3	4	2	10.5	61.2
Plot Average:						11.1	71.0

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

**Washington County – Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²		
Pioneer	P47A64X	29	5	4	0	10.1	77.2
Pioneer	P48A04LX	31	8	2	0	10.6	75.8
NK Seeds	S49-F5X	26	2	0	1	9.7	75.7
Innvictis Seed Solutions	A4862XF	26	2	0	1	10.0	75.6
Revere	4826XF	30	2	0	0	9.7	75.5
Asgrow	AG48XF3	30	3	1	1	9.8	74.2
Great Heart Seed	GT-4762XF	27	6	0	0	9.7	73.7
Delta Grow Seed Co.	46X65RR2X	27	2	1	0	10.1	73.6
Asgrow	AG46XF3	30	6	1	1	10.7	72.8
Progeny Ag	P 4798XF	30	5	0	0	10.2	72.7
NK Seeds	NK47-Z1XF	28	3	0	0	10.3	71.4
Dyna-Gro Seed	S47XF23S	23	3	0	1	9.8	70.2
Dyna-Gro Seed	S46XF31S	29	4	1	1	10.5	69.8
Asgrow	AG45XF3	24	3	1	0	10.3	64.6
Plot Average:						10.1	73.0

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.

Washington County – Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Dyna-Gro Seed	S46XS60	39	3	0	1	10.7	79.3
Great Heart Seed	GT-4756XF	38	4	0	1	10.1	77.9
Pioneer	P46A90LX	40	2	3	0	10.5	77.2
Asgrow	AG46XF3	40	2	1	0	10.9	76.6
Asgrow	AG45XF3	43	2	0	0	11.3	76.5
NK Seeds	NK47-Z1XF	43	2	0	1	11.1	76.4
Revere	4795XS	44	3	0	1	10.9	76.2
Dyna-Gro Seed	S49XF43S	41	2	0	1	10.3	76.1
Delta Grow Seed Co.	48X45RR2X	37	1	1	2	10.5	75.6
Innvictis Seed Solutions	A4850XF	36	2	0	2	10.3	74.9
NK Seeds	S49-F5X	36	2	2	0	10.6	74.6
Asgrow	AG48XF3	39	2	2	0	10.7	72.3
Progeny Ag	P 4798XF	44	5	1	1	10.7	70.4
Pioneer	P45A70LX	37	3	2	0	11.0	62.7
Plot Average:						10.7	74.8

¹- Soybean yield adjusted to standard moisture content of 13.0%.

²- Scores rated on scale of 0-10 with 0 being excellent and 10 being poor at harvest.