

2022 Soybean Variety Demonstration Program



Table of Contents

2022 Locations	4
Participants and Acknowledgements.....	5
2022 Location Details	6
Soybean Variety Characteristics.....	7
Yield Information.....	11
Summary of Maturity Group IV EARLY Irrigated	
Roundup Ready 2 Xtend® & XtendFlex® Varieties	11
Summary of Maturity Group IV (Mixed/Light Soil) Irrigated	
Roundup Ready 2 Xtend® & XtendFlex® Varieties	12
Summary of Maturity Group IV (Mixed/Light Soil) Non-Irrigated	
Roundup Ready 2 Xtend® & XtendFlex® Varieties	13
Summary of Maturity Group IV (Clay Soil) Irrigated	
Roundup Ready 2 Xtend & XtendFlex® Varieties.....	14
Summary of Maturity Group V Non-Irrigated	
Roundup Ready 2 Xtend & XtendFlex® Varieties.....	15
Individual Locations.....	16
Benton County – Non-Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	16
Bolivar County – Irrigated – MG IV EARLY RR2X & XF	17
Bolivar County – Irrigated – MG IV (Clay Soil) RR2X & XF	18
Bolivar County – Irrigated – MG IV (Mixed/Light Soil) RR2X & XF.....	19
Carroll County – Irrigated – MG IV (Mixed/Light) RR2X & XF.....	20
Coahoma County – Irrigated – MG IV EARLY RR2X & XF	21
DeSoto County – Irrigated – MG IV (Mixed/Light Soil) RR2X & X	22
Hinds County – Non-Irrigated – MG V RR2X & XF	23
Humphreys County – Irrigated – MG IV (Clay Soil) RR2X & XF	24
Lee County – Non-Irrigated – MG V RR2X & XF	25
Leflore County – Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	26
Leflore County – Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	27
Lowndes County – Non-Irrigated – MG IV (Clay Soil) RR2X & XF	28
Lowndes County – Non-Irrigated – MG V RR2X & XF.....	29

Monroe County – Non-Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	30
Monroe County – Non-Irrigated – MG V RR2X & XF	31
Monroe County – Non-Irrigated – MG V RR2X & XF	32
Oktibbeha County – Irrigated – MG IV EARLY RR2X & XF	33
Oktibbeha County – Non-Irrigated – MG IV (Mixed/Light Soil) RR2X & XF ..	34
Oktibbeha County – Non-Irrigated – MG V RR2X & XF	35
Oktibbeha County – Non-Irrigated – MG IV Enlist E3	36
Pontotoc County – Non-Irrigated – MG V RR2X & XF	37
Pontotoc County – Non-Irrigated – MG IV Enlist E3	38
Rankin County – Non-Irrigated – MG IV (Mixed/Light) RR2X & XF	39
Sharkey County – Irrigated – MG IV (Clay Soil) RR2X & XF	40
Sunflower County – Irrigated – MG IV (Clay Soil) RR2X & XF	41
Sunflower County – Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	42
Washington County – Irrigated – MG IV EARLY RR2X & XF	43
Washington County – Irrigated – MG IV (Clay Soil) RR2X & XF	44
Washington County – Irrigated – MG IV (Mixed/Light Soil) RR2X & XF	45

During the 2022 growing season, a total of 30 on-farm soybean variety demonstration plots were successfully conducted. The following information is intended to complement data generated through small-plot variety testing programs.

2022 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
Carroll	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Coahoma	MG IV EARLY RR2X & XF	Furrow
DeSoto	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Hinds	MG V RR2X & XF	None
Humphreys	MG IV RR2X & XF (Clay Soil)	Furrow
Lee	MG V RR2X & XF	None
Leflore	MG IV RR2X & XF (Mixed/Light 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 IV RR2X & XF (Mixed/Light Soil)	None
Monroe	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)	None
Oktibbeha	MG V RR2X & XF	None
Oktibbeha	MG IV Enlist E3	None
Pontotoc	MG V RR2X & XF	None
Pontotoc	MG IV Enlist E3	None
Rankin	MG IV RR2X & XF (Mixed/Light Soil)	None
Sharkey	MG IV RR2X & XF (Clay Soil)	Furrow
Sunflower	MG IV RR2X & XF (Clay Soil)	Furrow
Sunflower	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Washington	MG IV EARLY RR2X & XF	Furrow
Washington	MG IV RR2X & XF (Clay Soil)	Furrow
Washington	MG IV RR2X & XF (Mixed/Light Soil)	Furrow

MSU Extension Participants

Program Coordinator: Dr. Trent Irby, Extension Soybean Specialist

Dr. Tom Allen
Mr. Preston Aust
Mr. Andy Braswell
Mrs. Tracy Boone
Dr. Bill Burdine
Mr. Alex Deason
Mr. Trevor Garrett

Mr. Zachary Gaylor
Mr. Mark Harrison
Mr. Jason Hurdle
Mr. Kyle Lewis
Mr. Randall Nevins
Mr. Reid Nevins
Mr. Garrett Oswalt

Mr. Michael Pruden
Mr. Todd Russel
Mrs. Alanna Scholtes
Dr. Mark Shankle
Mr. Lea Turner

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: Paul O'Neal, Michael Quinn, and Ben Stoker.

2022 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)	12-May	140,000	14 rows	15"	No-Till	Arkabutla silt loam	None	11-Oct
Bolivar	MG IV EARLY RR2X & XF	11-May	145,000	6 twin rows	38"	Conv.	Pearson silt loam	Furrow	30-Sept
Bolivar	MG IV RR2X & XF (Clay Soil)	5-May	138,000	6 twin rows	38"	Conv.	Sharkey clay	Furrow	4-Oct.
Bolivar	MG IV RR2x & XF (Mixed/Light Soil)	1-May	130,000	6 twin rows	38"	Conv.	Forestdale silty clay loam	Furrow	20-Sept
Carroll	MG IV RR2X & XF (Mixed/Light Soil)	10-May	124,000	6 rows	38"	Conv.	Alder silt loam	Furrow	5-Oct
Coahoma	MG IV EARLY RR2X & XF	18-May	135,000	6 rows	40"	Conv.	Bosket sandy loam	Furrow	4-Oct
DeSoto	MG IV RR2X & XF (Mixed/Light Soil)	10-May	128,000	8 rows	40"	Conv.	Bosket very fine sandy loam	Furrow	4-Oct
Hinds	MG V RR2X & XF	10-May	120,000	6 rows	38"	Conv.	Memphis silt loam	None	11-Oct
Humphreys	MG IV RR2X & XF (Clay Soil)	5-May	133,000	12 rows	38"	Conv.	Alligator-Dowling clay	Furrow	6-Oct
Lee	MG V RR2X & XF	3-June	128,000	15 rows	19"	No-Till	Chewacla loam	None	17-Oct
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	27-Apr	118,000	16 rows	38"	Conv.	Dundee loam	Furrow	28-Sept
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	27-Apr	140,000	6 rows	38"	Conv.	Tensas silty clay loam	Furrow	13-Sept
Lowndes	MG IV RR2X & XF (Clay Soil)	9-May	120,000	6 rows	30"	Conv.	Okolona silty clay	None	28-Sept
Lowndes	MG V RR2X & XF	9-May	120,000	6 rows	30"	Conv.	Okolona silty clay	None	28-Sept
Monroe	MG IV RR2X & XF (Mixed/Light Soil)	4-May	130,000	6 rows	30"	Min. Till	Vaiden silty clay	None	28-Sept
Monroe	MG V RR2X & XF	10-May	120,000	6 rows	30"	Min. Till	Stough fine sandy loam	None	12-Oct
Monroe	MG V RR2X & XF	12-May	130,000	12 rows	30"	Min. Till	Vaiden silty clay	None	21-Oct
Oktibbeha	MG IV EARLY RR2X & XF	13-May	130,000	2 rows	38"	Conv.	Catalpa silty clay loam	Furrow	29-Sept
Oktibbeha	MG IV RR2X & XF (Mixed/Light Soil)	9-May	130,000	2 rows	38"	Conv.	Leeper silty clay loam	None	27-Sept
Oktibbeha	MG V RR2X & XF	9-May	130,000	2 rows	38"	Conv.	Leeper silty clay loam	None	27-Sept
Oktibbeha	MG IV Enlist E3	4-May	132,000	8 rows	38"	Conv.	Marietta fine sandy loam	None	22-Sept
Pontotoc	MG V RR2X & XF	17-May	128,000	8 rows	30"	No-Till	Falkner silt loam	None	6-Oct
Pontotoc	MG IV Enlist E3	17-May	128,000	8 rows	30"	No-Till	Falkner silt loam	None	6-Oct
Rankin	MG IV RR2X & XF (Mixed/Light Soil)	21-Apr	130,000	8 rows	38"	Conv.	Kipling silt loam	None	15-Sept
Sharkey	MG IV RR2X & XF (Clay Soil)	1-June	135,000	6 rows	38"	Conv.	Sharkey clay	Furrow	10-Oct
Sunflower	MG IV RR2X & XF (Clay Soil)	2-May	130,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	29-Sept
Sunflower	MG IV RR2X & XF (Mixed/Light Soil)	10-May	140,000	6 rows	38"	Conv.	Dundee sandy loam	Furrow	30-Sept
Washington	MG IV EARLY RR2X & XF	11-May	139,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	4-Oct
Washington	MG IV RR2X & XF (Clay Soil)	11-May	139,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	4-Oct
Washington	MG IV RR2X & XF (Mixed/Light Soil)	11-May	139,000	8 twin rows	40"	Conv.	Bosket very fine sandy loam	Furrow	4-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	AG42XF2	4.2	XF	I	MB	T	LT
Asgrow	AG43XF2	4.3	XF	I	MB	MT	LT
Beck's	4443XF	4.4	XF	I	T	T	G
Delta Grow Seed Co.	44XF41	4.4	XF	I	MB	TM	LT
Dyna-Gro Seed	S43XS70	4.3	RR2X/STS	I	M	TM	LT
NK Seeds	NK42-T5XF	4.2	XF	I	M	TM	LT
NK Seeds	NK43-V8XF	4.3	XF	I	M	TM	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
Progeny Ag	P 4444RXS	4.4	RR2X/STS	I	MB	M	LT
Revere	4299XS	4.2	RR2X/STS	I	M	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	AG47XF2	4.7	XF	I	MB	M	LT
Asgrow	AG48X9	4.8	RR2X	I	MB	MT	LT
Asgrow	AG48XF2	4.8	XF	I	MB	MT	T
Beck's	4553XF	4.5	XF	I	B	M	LT
Beck's	4885XF	4.8	XF	I	T	T	LT
Delta Grow Seed Co.	DG48X45RR2X/STS	4.8	RR2X	I	B	M	T
Dyna-Gro Seed	S45XF02	4.5	XF	I	MB	M	LT
Dyna-Gro Seed	S46XF31S	4.6	XF/STS	I	MB	T	LT
Dyna-Gro Seed	S47XF23	4.7	XF/STS	I	MB	MT	LT
Dyna-Gro Seed	S48XT90	4.8	RR2X	I	MB	M	LT
Great Heart Seed	GT-4677XS	4.6	RR2X/STS	I	MB	MT	LT
Great Heart Seed	GT-4979X	4.9	RR2X	I	M	MT	LT
Innvictis Seed Solutions	A4690XF	4.6	XF/STS	I	MB	T	LT
Innvictis Seed Solutions	A4850XF	4.8	XF/STS	I	M	MT	T
NK Seeds	NK45-P9XF	4.5	XF	I	M	T	LT
NK Seeds	NK48-H3XFS	4.8	XF/STS	I	M	MT	G
NK Seeds	S49-F5X	4.9	RR2X	I	MB	MT	LT
Pioneer	P47A64X	4.7	RR2X	I	MB	MT	G
Pioneer	P48A32X	4.8	RR2X	I	MB	MT	LT
Progeny Ag	P 4505 RXS	4.5	RR2X/STS	I	MB	MT	LT
Progeny Ag	P 4604 XFS	4.6	XF/STS	I	MB	T	LT
Progeny Ag	P 4806 XFS	4.8	XF/STS	I	M	T	LT
Revere	4606XFS	4.6	XF/STS	I	MB	MT	LT
Revere	4806XS	4.8	RR2X/STS	I	M	M	LT
Revere	4795XS	4.7	RR2X/STS	I	MB	M	LT
Revere	4925XFS	4.9	XF/STS	I	MB	MT	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 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
Dyna-Gro Seed	S52XT91	5.2	RR2X	I	MB	MT	T
Dyna-Gro Seed	S56XT99	5.6	RR2X	D	MB	T	T
NK Seeds	S53-F7X	5.3	RR2X	I	M	T	G
Pioneer	P53A67X	5.3	RR2X	D	M	M	G
Progeny Ag	P 5554 RX	5.5	RR2X	D	B	M	T
Revere	5029XF	5.0	XF	I	B	T	LT
Revere	5386X	5.3	RR2X	I	M	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 & V Enlist E3 Set

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Delta Grow Seed Co.	DG 47E20/STS	4.7	E3/STS	I	MB	MT	G
Delta Grow Seed Co.	DG 52E80	5.2	E3	I	MB	MT	LT
Dyna-Gro Seed	S46ES91	4.6	E3/STS	I	M	MT	G
Dyna-Gro Seed	S49EN12	4.9	E3	I	M	MT	LT
Pioneer	P42A84E	4.2	E3	I	T	MT	LT
Pioneer	P48A14E	4.8	E3	I	T	MT	LT
Pioneer	P52A14SE	5.2	E3/STS	D	M	S	G
Progeny Ag	P 4775E3S	4.7	E3/STS	I	MB	MT	G
Progeny Ag	P 5521 E3	5.5	E3	I	MB	MT	G

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:		4					
Planting date range:		11-May-21 to 18-May-22					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P44A21X	41	2	0	0	9.4	72.5
Progeny Ag	P 4200 RXS	42	4	0	0	9.8	71.7
NK Seeds	NK44-J4XFS	40	2	0	0	9.9	71.6
NK Seeds	NK43-V8XF	43	4	0	1	9.8	71.0
Dyna-Gro Seed	S43XS70	43	2	0	0	9.2	70.9
Revere	4299XS	40	3	0	0	9.4	70.3
NK Seeds	NK42-T5XF	37	2	0	0	9.9	68.8
Asgrow	AG43XF2	41	2	0	0	9.6	68.0
Revere	4415XF	39	3	0	0	9.8	67.7
Beck's	4443XF	41	2	0	0	9.7	65.3
Progeny Ag	P 4444 RXS	39	3	0	0	9.5	64.5
Delta Grow Seed Co.	44XF41	42	2	0	0	9.3	62.4
Asgrow	AG42XF2	41	3	0	0	9.7	61.8
Average across all irr. locations:						9.6	68.2

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.

Maturity Group IV (Mixed/ Light Soil) Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations							
Total number of locations:		7					
Planting date range:		27-Apr-22 to 14-May-22					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Progeny Ag	P 4806 XFS	36	2	1	2	9.9	67.2
Asgrow	AG47XF2	36	2	0	1	9.6	66.3
Pioneer	P47A64X	41	3	0	1	9.5	66.1
Asgrow	AG48XF2	36	2	1	0	9.6	65.5
Revere	4795XS	38	2	0	1	9.4	65.2
Delta Grow Seed Co.	48X45	36	2	0	1	9.9	65.1
Beck's	4553XF	35	2	0	1	9.5	64.9
Great Heart Seed	GT-4677XS	37	2	1	0	9.5	64.9
Progeny Ag	P 4604 XFS	43	2	0	1	9.6	64.6
NK Seeds	NK48-H3XFS	37	3	1	1	9.9	64.1
Asgrow	AG48X9	41	2	0	1	9.5	63.5
Dyna-Gro Seed	S45XF02	38	2	0	1	9.8	62.9
NK Seeds	S49-F5X	37	2	0	0	9.8	62.9
Dyna-Gro Seed	S48XT90	39	3	0	1	10.1	61.9
Innvictis Seed Solutions	A4690XF	41	3	0	1	9.7	61.8
Revere	4925XFS	42	2	0	1	9.6	60.8
Average across all irr. locations:						9.7	64.2

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:		21-Apr-22 to 12-May-22 or					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P47A64X	41	1	0	2	11.3	66.1
Dyna-Gro Seed	S48XT90	36	3	0	4	13.7	63.5
Asgrow	AG48X9	37	2	0	1	11.5	63.3
Revere	4795XS	36	2	0	2	11.8	63.1
Progeny Ag	P 4604 XFS	40	2	0	1	11.5	59.4
NK Seeds	S49-F5X	34	1	0	1	11.2	58.2
NK Seeds	NK48-H3XFS	29	1	0	2	12.3	57.2
Delta Grow Seed Co.	48X45	33	1	0	5	12.1	57.0
Great Heart Seed	GT-4677XS	32	1	0	1	11.4	56.8
Innvictis Seed Solutions	A4690XF	39	2	0	1	11.4	56.7
Revere	4925XFS	37	1	0	1	11.8	56.1
Asgrow	AG48XF2	32	2	1	2	11.4	54.7
Dyna-Gro Seed	S45XF02	32	1	0	2	12.0	54.0
Beck's	4553XF	29	1	0	2	11.8	53.5
Asgrow	AG47XF2	33	1	0	3	11.6	53.2
Progeny Ag	P 4806 XFS	30	1	0	4	11.4	49.3
Average across all non-irr. locations:						11.7	57.6

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.

Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations							
Total number of locations:		5					
Planting date range:		5-May-22 to 1-Jun-22					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Progeny Ag	P 4505 RX	39	3	0	0	8.8	68.3
NK Seeds	S49-F5X	37	2	0	1	8.3	67.9
Asgrow	AG47XF2	35	2	0	0	8.4	65.6
Pioneer	P48A32X	40	2	0	1	8.6	65.3
Dyna-Gro Seed	S47XF23	36	2	0	0	8.8	64.8
Progeny Ag	P 4604 XFS	37	2	0	0	8.4	64.0
Asgrow	AG48XF2	36	2	0	0	8.8	63.8
Asgrow	AG48X9	38	2	0	1	8.6	63.5
NK Seeds	NK45-P9XF	38	3	0	0	8.3	63.4
Innvictis Seed Solutions	A4850XF	37	2	0	2	8.9	63.3
Dyna-Gro Seed	S46XF31S	39	2	0	0	8.4	63.2
Beck's	4885X	37	2	0	0	8.5	62.9
Revere	4806XS	36	1	0	1	8.5	62.2
Revere	4606XFS	40	2	0	0	8.4	61.3
Great Heart Seed	GT-4979X	42	2	0	1	8.5	59.3
Average across all irr. locations:						8.5	63.9

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:		7					
Planting date range:		9-May-22 to 3-Jun-22					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield ¹
		Inches	0 to 10 ²	0 to 10 ²	0 to 10 ²	%	bu/acre
Pioneer	P53A67X	25	1	0	2	11.5	51.4
Revere	5386X	36	1	1	2	11.8	51.2
Revere	5029XF	33	3	1	3	12.0	51.0
Dyna-Gro Seed	S52XT91	31	2	1	2	12.2	50.9
NK Seeds	S53-F7X	32	2	1	3	11.8	50.6
Asgrow	AG53XF2	34	1	1	2	12.8	49.9
Dyna-Gro Seed	S56XT99	29	1	1	2	11.0	49.9
Progeny Ag	P 5554 RX	29	1	1	1	12.0	49.0
Average across all non-irr. locations:						11.9	50.5

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.

**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
Revere	4795XS	35	1	1	0	9.6	59.0
NK Seeds	S49-F5X	33	0	0	0	9.1	57.6
Great Heart Seed	GT-4677XS	28	0	0	0	9.2	55.5
Asgrow	AG48X9	37	1	0	0	8.8	55.5
Dyna-Gro Seed	S48XT90	34	2	0	3	9.6	54.9
Pioneer	P47A64X	39	0	0	1	9.1	54.8
NK Seeds	NK48-H3XFS	26	0	0	0	9.8	54.2
Beck's	4553XF	30	0	0	0	9.5	53.9
Progeny Ag	P 4604 XFS	37	1	0	0	9.7	53.9
Innvictis Seed Solutions	A4690XF	36	0	1	0	9.1	53.0
Asgrow	AG47XF2	33	1	0	0	9.8	52.0
Asgrow	AG48XF2	31	0	0	1	9.4	51.8
Dyna-Gro Seed	S45XF02	30	0	0	0	9.4	51.2
Progeny Ag	P 4806 XFS	27	0	0	2	7.9	47.9
Revere	4925XFS	37	0	0	0	9.6	47.4
Delta Grow Seed Co.	48X45	31	0	0	2	9.7	45.1
Plot Average:						9.3	53.0

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.

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	NK43-V8XF	45	4	0	0	10.3	70.0
NK Seeds	NK44-J4XFS	44	3	0	0	10.7	68.9
NK Seeds	NK42-T5XF	39	2	0	0	10.3	68.5
Revere	4299XS	42	2	0	0	9.8	67.7
Dyna-Gro Seed	S43XS70	43	2	0	0	9.7	67.2
Progeny Ag	P 4200 RXS	46	4	0	0	10.0	64.7
Asgrow	AG42XF2	53	3	0	0	9.5	64.4
Revere	4415XF	43	4	0	0	9.7	64.0
Asgrow	AG43XF2	44	1	0	0	10.1	62.2
Pioneer	P44A21X	42	3	0	0	9.4	61.7
Delta Grow Seed Co.	44XF41	46	1	0	0	9.5	60.1
Progeny Ag	P 4444 RXS	42	4	0	0	9.5	59.2
Beck's	4443XF	44	2	0	0	9.9	58.6
Plot Average:						9.8	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.

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
Progeny Ag	P 4505 RX	40	3	0	0	8.4	85.1
NK Seeds	S49-F5X	40	3	0	0	7.4	84.7
Progeny Ag	P 4604 XFS	39	3	0	0	8.5	80.7
Asgrow	AG47XF2	42	2	0	0	7.6	79.3
Innvictis Seed Solutions	A4850XF	40	1	0	0	8.2	76.3
Asgrow	AG48XF2	41	1	0	0	8.3	75.7
Dyna-Gro Seed	S47XF23	35	1	0	0	8.4	74.8
Beck's	4885X	39	2	0	0	8.4	74.5
Asgrow	AG48X9	37	3	0	0	8.8	72.9
Pioneer	P48A32X	46	2	0	0	8.6	72.9
Revere	4806XS	39	2	0	0	8.4	72.4
Dyna-Gro Seed	S46XF31S	40	2	0	0	7.8	71.8
Great Heart Seed	GT-4979X	48	2	0	1	8.6	71.7
NK Seeds	NK45-P9XF	39	3	0	0	7.7	71.4
Revere	4606XFS	41	2	0	0	7.6	69.9
Plot Average:						8.2	75.6

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
Asgrow	AG47XF2	46	3	0	0	9.1	71.6
NK Seeds	S49-F5X	46	2	0	0	9.4	70.4
Pioneer	P47A64X	48	2	0	0	8.8	69.3
Beck's	4553XF	42	2	0	0	9.5	69.0
Progeny Ag	P 4806 XFS	41	2	0	0	9.2	69.0
Revere	4795XS	44	3	0	0	9.0	67.4
Asgrow	AG48XF2	42	3	0	0	8.9	67.2
Revere	4925XFS	49	2	0	0	9.9	66.3
Delta Grow Seed Co.	48X45	45	3	0	0	9.1	66.0
Dyna-Gro Seed	S45XF02	41	2	0	0	9.3	65.5
Great Heart Seed	GT-4677XS	45	2	0	0	9.3	64.6
Progeny Ag	P 4604 XFS	51	3	0	0	9.2	64.0
Asgrow	AG48X9	49	2	0	0	9.0	63.1
NK Seeds	NK48-H3XFS	44	2	0	0	9.6	59.9
Innvictis Seed Solutions	A4690XF	53	3	0	0	9.3	58.6
Dyna-Gro Seed	S48XT90	46	2	0	0	9.4	58.0
Plot Average:						9.3	65.6

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.

Carroll 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	AG48XF2	26	1	4	2	10.6	53.9
Pioneer	P47A64X	33	1	1	3	10.2	53.5
Delta Grow Seed Co.	48X45	24	1	2	5	10.6	53.4
NK Seeds	S49-F5X	36	2	2	3	9.9	53.3
Innvictis Seed Solutions	A4690XF	35	2	2	3	10.9	52.4
Revere	4795XS	30	1	2	5	10.5	52.3
Dyna-Gro Seed	S48XT90	29	1	2	5	11.4	52.0
Asgrow	AG47XF2	24	2	0	4	10.8	51.3
Progeny Ag	P 4604 XFS	36	1	0	4	11.0	50.5
Great Heart Seed	GT-4677XS	24	1	2	2	9.8	50.3
Asgrow	AG48X9	27	1	0	4	10.6	49.6
Dyna-Gro Seed	S45XF02	22	1	2	2	11.5	48.6
Progeny Ag	P 4806 XFS	27	1	3	8	10.5	47.1
NK Seeds	NK48-H3XFS	25	1	3	4	11.2	46.8
Revere	4925XFS	37	2	2	4	10.2	46.5
Plot Average:						10.6	50.8

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.

Coahoma 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
Dyna-Gro Seed	S43XS70	45	2	0	0	8.7	80.5
Revere	4299XS	37	3	0	1	9.5	79.9
NK Seeds	NK44-J4XFS	38	2	0	0	9.3	77.5
Pioneer	P44A21X	37	1	0	0	9.2	77.1
Progeny Ag	P 4200 RXS	40	5	0	0	8.8	76.3
NK Seeds	NK43-V8XF	43	4	0	0	9.2	74.8
Revere	4415XF	34	3	0	0	9.1	72.6
Asgrow	AG43XF2	39	1	0	0	8.9	70.9
NK Seeds	NK42-T5XF	36	1	0	0	9.5	70.2
Delta Grow Seed Co.	44XF41	42	3	0	0	8.7	69.9
Beck's	4443XF	41	2	0	0	8.8	66.0
Asgrow	AG42XF2	28	2	0	0	9.3	59.2
Plot Average:						9.1	72.9

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.

DeSoto 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
Progeny Ag	P 4806 XFS	36	2	0	0	8.5	75.1
Revere	4795XS	38	2	0	0	8.4	73.6
Great Heart Seed	GT-4677XS	34	2	1	0	8.2	73.3
Asgrow	AG48X9	38	2	0	0	8.3	72.7
Asgrow	AG47XF2	35	4	0	0	8.4	72.6
Dyna-Gro Seed	S48XT90	41	5	0	0	8.7	72.2
Pioneer	P47A64X	38	3	0	0	8.3	71.4
Dyna-Gro Seed	S45XF02	34	3	0	0	8.4	70.7
Beck's	4553XF	37	3	0	0	8.5	70.3
Asgrow	AG48XF2	33	3	0	0	8.9	70.2
Delta Grow Seed Co.	48X45	35	1	0	3	8.9	70.2
Innvictis Seed Solutions	A4690XF	38	3	0	0	8.7	68.3
NK Seeds	S49-F5X	34	1	0	0	9.1	67.0
Progeny Ag	P 4604 XFS	43	3	0	0	8.7	66.7
NK Seeds	NK48-H3XFS	39	4	0	0	8.4	66.0
Revere	4925XFS	38	2	0	0	8.4	61.3
Plot Average:						8.6	70.1

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 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	39	2	0	7	10.6	65.1
Dyna-Gro Seed	S56XT99	26	1	0	9	8.5	64.1
Revere	5386X	42	1	0	2	9.7	58.0
NK Seeds	S53-F7X	39	2	0	7	10.7	54.2
Asgrow	AG53XF2	38	1	0	6	10.2	50.9
Dyna-Gro Seed	S52XT91	33	1	0	6	10.6	50.5
Pioneer	P53A67X	21	1	0	9	11.4	49.1
Plot Average:						10.2	56.0

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.

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
Progeny Ag	P 4604 XFS	39	2	0	1	8.5	65.9
Dyna-Gro Seed	S47XF23	35	2	0	0	9.0	65.7
Asgrow	AG48XF2	35	2	0	1	10.7	65.7
Beck's	4885X	36	2	0	0	8.3	65.5
Asgrow	AG48X9	38	2	0	1	8.7	65.4
NK Seeds	S49-F5X	37	2	0	1	8.0	65.4
Dyna-Gro Seed	S46XF31S	40	2	0	1	8.9	65.1
Revere	4806XS	41	2	0	0	9.0	64.2
Progeny Ag	P 4505 RX	41	2	0	0	9.5	63.8
Revere	4606XFS	43	2	0	0	9.1	63.6
Pioneer	P48A32X	42	2	0	1	8.8	63.5
Asgrow	AG47XF2	33	2	0	0	8.9	63.2
NK Seeds	NK45-P9XF	37	3	0	1	9.7	62.6
Great Heart Seed	GT-4979X	42	3	0	1	8.4	58.5
Innvictis Seed Solutions	A4850XF	35	2	0	2	9.2	57.8
Plot Average:						9.0	63.7

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
Dyna-Gro Seed	S52XT91	36	1	0	0	12.3	60.4
Revere	5029XF	34	3	0	0	13.3	60.3
Revere	5386X	44	1	0	1	12.6	56.1
Asgrow	AG53XF2	39	1	0	0	12.8	55.8
Dyna-Gro Seed	S56XT99	36	1	0	0	12.4	55.3
Progeny Ag	P 5554 RX	36	2	0	0	12.0	54.3
NK Seeds	S53-F7X	38	2	0	0	12.1	53.7
Pioneer	P53A67X	31	1	0	0	13.0	53.7
Plot Average:						12.6	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.

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
NK Seeds	NK48-H3XFS	38	3	1	0	10.9	79.6
Revere	4795XS	33	1	1	0	9.7	73.9
Great Heart Seed	GT-4677XS	38	1	1	0	9.6	73.7
Progeny Ag	P 4604 XFS	43	3	1	0	9.9	73.6
Progeny Ag	P 4806 XFS	34	1	1	0	10.3	73.0
Dyna-Gro Seed	S48XT90	39	3	1	0	10.6	72.5
Dyna-Gro Seed	S45XF02	46	2	1	0	9.5	72.1
Delta Grow Seed Co.	48X45	33	1	1	0	10.0	71.3
Revere	4925XFS	39	2	0	0	9.9	71.2
Pioneer	P47A64X	40	3	1	1	9.8	70.9
Asgrow	AG47XF2	33	1	1	0	9.8	70.8
Innvictis Seed Solutions	A4690XF	45	3	1	0	10.2	70.6
Asgrow	AG48XF2	35	3	1	0	10.4	69.3
Asgrow	AG48X9	38	2	1	0	10.0	67.9
Beck's	4553XF	34	2	1	0	9.6	67.4
Plot Average:						10.0	71.8

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.

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
Asgrow	AG48XF2	25	4	0	1	12.2	73.1
Progeny Ag	P 4604 XFS	36	2	0	1	11.7	69.8
Innvictis Seed Solutions	A4690XF	30	3	0	1	12.2	68.8
Great Heart Seed	GT-4677XS	31	3	0	1	12.0	68.6
Asgrow	AG47XF2	29	2	0	0	12.0	68.6
Asgrow	AG48X9	39	3	0	1	11.6	67.6
Dyna-Gro Seed	S45XF02	34	3	0	1	11.6	66.8
Revere	4795XS	33	3	0	0	12.0	65.1
Beck's	4553XF	33	2	1	1	11.5	64.7
Dyna-Gro Seed	S48XT90	27	3	0	1	13.7	63.6
Progeny Ag	P 4806 XFS	28	3	0	1	14.3	60.9
Pioneer	P47A64X	28	4	0	2	12.8	60.6
NK Seeds	NK48-H3XFS	27	1	0	1	12.4	59.5
Revere	4925XFS	33	2	0	1	12.3	59.3
Delta Grow Seed Co.	48X45	35	3	0	1	13.6	57.8
NK Seeds	S49-F5X	27	4	0	0	12.7	54.4
Plot Average:						12.4	64.3

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.

**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
Asgrow	AG48X9	28	0	0	5	18.4	43.3
NK Seeds	S49-F5X	25	1	0	4	14.7	41.9
Great Heart Seed	GT-4979X	32	0	0	5	16.7	38.8
Innvictis Seed Solutions	A4850XF	27	1	0	8	13.5	37.2
Beck's	4885X	27	0	0	7	13.6	36.9
Revere	4806XS	23	0	0	5	17.3	36.9
Dyna-Gro Seed	S47XF23	27	0	0	7	13.7	36.5
NK Seeds	NK45-P9XF	27	0	0	5	14.4	35.3
Pioneer	P48A32X	33	1	0	6	14.0	34.1
Revere	4606XFS	31	0	0	7	15.1	33.9
Progeny Ag	P 4604 XFS	33	0	0	7	14.3	32.7
Asgrow	AG47XF2	23	0	0	3	13.2	32.3
Asgrow	AG48XF2	28	0	0	3	18.2	32.3
Progeny Ag	P 4505 RX	30	0	0	6	14.1	31.9
Dyna-Gro Seed	S46XF31S	30	1	0	6	14.5	31.9
Plot Average:						15.0	35.7

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
NK Seeds	S53-F7X	18	0	0	7	16.1	47.2
Progeny Ag	P 5554 RX	26	0	0	6	14.7	44.9
Dyna-Gro Seed	S56XT99	26	1	0	7	14.4	42.7
Dyna-Gro Seed	S52XT91	26	1	0	6	19.2	41.9
Pioneer	P53A67X	22	0	0	5	15.7	38.1
Asgrow	AG53XF2	30	0	0	6	24.6	38.0
Revere	5386X	30	0	0	4	19.6	36.8
Revere	5029XF	32	2	0	5	14.0	35.1
Plot Average:						17.3	40.6

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.

Monroe 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
Asgrow	AG48X9	32	3	0	4	11.4	53.2
Dyna-Gro Seed	S48XT90	31	3	0	8	12.3	49.1
Progeny Ag	P 4604 XFS	33	1	0	1	11.0	47.2
Revere	4795XS	28	3	0	7	11.4	47.2
Great Heart Seed	GT-4677XS	27	2	0	2	11.3	44.0
Innvictis Seed Solutions	A4690XF	32	3	0	1	11.1	43.6
Dyna-Gro Seed	S45XF02	24	1	1	4	12.4	43.0
NK Seeds	NK48-H3XFS	26	0	1	5	13.9	42.7
Revere	4925XFS	31	0	1	1	12.3	40.4
Delta Grow Seed Co.	48X45	26	1	0	7	12.1	39.4
Asgrow	AG48XF2	29	1	2	3	11.3	37.5
NK Seeds	S49-F5X	29	1	0	4	11.2	36.5
Asgrow	AG47XF2	27	1	1	7	11.2	36.3
Beck's	4553XF	25	1	1	4	11.8	35.9
Progeny Ag	P 4806 XFS	27	1	0	9	12.9	35.6
Plot Average:						11.8	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.

**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
Asgrow	AG53XF2	31	1	2	1	10.2	37.6
Progeny Ag	P 5554 RX	27	1	2	0	10.3	37.6
Revere	5386X	30	1	2	2	9.1	36.9
Pioneer	P53A67X	22	1	2	0	9.8	36.0
Dyna-Gro Seed	S56XT99	23	1	2	0	10.3	34.4
Dyna-Gro Seed	S52XT91	27	1	2	3	10.5	33.8
NK Seeds	S53-F7X	26	1	2	2	9.1	33.2
Revere	5029XF	25	1	2	4	10.6	32.9
Plot Average:						10.0	35.3

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.

**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	2	1	0	9.8	54.1
NK Seeds	S53-F7X	29	1	3	0	9.1	49.9
Progeny Ag	P 5554 RX	31	1	1	0	9.9	46.9
Revere	5386X	28	1	3	0	9.4	42.2
Dyna-Gro Seed	S52XT91	24	0	1	1	11.3	41.7
Asgrow	AG53XF2	25	0	3	2	10.5	39.6
Dyna-Gro Seed	S56XT99	33	1	2	0	10.1	38.1
Revere	5029XF	22	0	1	3	10.8	36.7
Plot Average:						10.1	43.6

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.

**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
Pioneer	P44A21X	42	2	0	0	11.6	77.7
Progeny Ag	P 4200 RXS	45	5	0	1	12.3	74.5
Beck's	4443XF	44	2	0	0	12.3	73.3
NK Seeds	NK43-V8XF	43	4	0	2	11.7	71.5
Revere	4415XF	41	3	0	1	12.2	70.9
Progeny Ag	P 4444 RXS	43	3	0	0	11.7	70.8
NK Seeds	NK44-J4XFS	43	2	0	1	12.0	70.6
Asgrow	AG43XF2	42	3	0	1	11.7	68.3
NK Seeds	NK42-T5XF	41	3	0	0	12.0	68.1
Dyna-Gro Seed	S43XS70	44	3	0	0	11.2	64.7
Revere	4299XS	43	4	0	0	11.0	63.4
Asgrow	AG42XF2	48	3	0	0	11.7	61.1
Delta Grow Seed Co.	44XF41	43	4	0	1	11.3	61.0
Plot Average:						11.7	68.9

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 (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	S48XT90	39	3	0	3	15.9	82.9
NK Seeds	S49-F5X	35	3	0	0	12.2	81.6
Revere	4925XFS	41	3	0	0	12.9	79.9
NK Seeds	NK48-H3XFS	36	3	0	1	12.7	78.0
Pioneer	P47A64X	42	2	0	1	12.7	77.6
Revere	4795XS	36	2	0	0	12.8	77.3
Delta Grow Seed Co.	48X45	35	3	0	2	12.9	77.1
Asgrow	AG48X9	41	2	0	1	12.8	75.3
Progeny Ag	P 4604 XFS	42	1	0	1	12.8	75.0
Dyna-Gro Seed	S45XF02	38	1	0	1	12.9	74.2
Asgrow	AG48XF2	38	4	0	1	12.6	74.1
Innvictis Seed Solutions	A4690XF	40	2	0	2	12.7	73.4
Progeny Ag	P 4806 XFS	33	2	0	1	12.2	72.8
Asgrow	AG47XF2	34	3	0	2	12.8	71.1
Beck's	4553XF	32	1	0	2	14.0	70.6
Great Heart Seed	GT-4677XS	34	1	0	2	12.4	69.6
Plot Average:						12.9	75.7

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 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
Dyna-Gro Seed	S52XT91	40	4	0	0	12.8	75.1
Revere	5029XF	43	6	0	1	13.9	74.4
Pioneer	P53A67X	31	0	0	0	12.2	72.8
Revere	5386X	43	3	0	2	13.1	71.7
Asgrow	AG53XF2	42	2	0	1	12.9	71.2
NK Seeds	S53-F7X	41	4	0	2	16.9	69.4
Dyna-Gro Seed	S56XT99	34	2	0	1	12.9	68.3
Progeny Ag	P 5554 RX	34	3	0	1	17.0	61.6
Plot Average:						13.9	70.6

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.

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
Dyna-Gro Seed	S49EN12	37	3	0	1	12.1	73.0
Delta Grow Seed Co.	52E80	41	2	0	1	13.8	68.7
Pioneer	P42A84E	37	2	0	2	10.7	66.9
Pioneer	P48A14E	44	3	0	3	11.2	66.7
Dyna-Gro Seed	S46ES91	43	3	0	0	11.2	63.0
Delta Grow Seed Co.	47E20	40	2	0	1	11.4	62.2
Pioneer	P52A14SE	36	1	0	0	13.8	61.0
Progeny Ag	P 4775 E3S	43	2	0	2	11.6	60.8
Progeny Ag	P 5521 E3	57	9	0	0	10.5	57.7
Plot Average:						11.8	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.

**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	5386X	36	2	2	0	9.2	56.7
Asgrow	AG53XF2	32	2	2	0	8.3	56.4
Pioneer	P53A67X	17	0	0	0	8.3	56.2
Dyna-Gro Seed	S52XT91	31	3	1	0	8.9	52.9
Revere	5029XF	33	4	2	0	10.7	52.7
Progeny Ag	P 5554 RX	22	0	1	0	8.2	48.7
NK Seeds	S53-F7X	36	2	1	0	8.9	46.9
Dyna-Gro Seed	S56XT99	28	1	0	0	8.3	46.2
Plot Average:						8.9	52.1

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 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	P48A14E	42	4	2	0	8.7	58.5
Delta Grow Seed Co.	52E80	35	2	1	0	8.7	57.7
Dyna-Gro Seed	S49EN12	37	2	1	0	8.4	55.8
Pioneer	P42A84E	33	0	0	1	9.2	55.6
Progeny Ag	P 5521 E3	41	5	2	0	9.4	49.6
Progeny Ag	P 4775 E3S	47	2	2	0	9.0	46.9
Pioneer	P52A14SE	24	0	1	0	8.4	46.1
Dyna-Gro Seed	S46ES91	41	3	1	0	8.7	45.3
Delta Grow Seed Co.	47E20	42	3	1	0	9.2	44.0
Plot Average:						8.9	51.1

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
Revere	4795XS	44	2	0	2	13.3	69.1
Asgrow	AG48X9	38	2	0	1	12.9	69.1
Dyna-Gro Seed	S48XT90	41	3	0	3	16.8	67.0
Delta Grow Seed Co.	48X45	38	2	0	8	13.6	66.3
Pioneer	P47A64X	44	1	0	3	12.0	65.8
Progeny Ag	P 4604 XFS	46	3	0	2	12.6	61.5
Great Heart Seed	GT-4677XS	38	2	0	2	12.7	57.9
NK Seeds	S49-F5X	38	2	0	1	12.3	57.2
Innvictis Seed Solutions	A4690XF	47	3	0	2	12.8	56.8
Revere	4925XFS	40	2	0	3	12.3	56.7
Asgrow	AG48XF2	28	3	0	2	12.1	55.5
NK Seeds	NK48-H3XFS	30	1	0	1	12.9	53.7
Asgrow	AG47XF2	37	1	0	2	12.4	53.5
Dyna-Gro Seed	S45XF02	37	1	0	3	13.3	47.7
Progeny Ag	P 4806 XFS	31	1	0	4	12.5	41.0
Plot Average:						13.0	58.6

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.

Sharkey 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	P48A32X	33	1	0	2	8.1	56.2
NK Seeds	NK45-P9XF	36	4	1	0	7.5	52.9
Progeny Ag	P 4505 RX	33	2	0	0	8.2	52.5
Asgrow	AG47XF2	27	1	0	2	8.3	51.1
Dyna-Gro Seed	S47XF23	31	1	0	2	9.7	50.8
NK Seeds	S49-F5X	31	1	0	3	8.7	50.7
Asgrow	AG48X9	35	1	0	2	8.5	49.7
Dyna-Gro Seed	S46XF31S	37	3	0	1	8.3	49.5
Asgrow	AG48XF2	27	2	0	1	8.1	48.9
Progeny Ag	P 4604 XFS	31	1	0	1	7.9	47.5
Revere	4806XS	28	1	0	2	7.6	47.5
Beck's	4885X	32	1	0	2	8.7	46.9
Revere	4606XFS	31	1	0	2	8.2	46.7
Innvictis Seed Solutions	A4850XF	36	1	0	3	9.2	45.4
Great Heart Seed	GT-4979X	35	1	0	2	8.6	44.5
Plot Average:						8.4	49.4

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.

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	%	bu/acre
NK Seeds	S49-F5X	36	2	0	0	9.5	75.6
Innvictis Seed Solutions	A4850XF	36	2	0	0	9.6	73.7
Progeny Ag	P 4505 RX	37	5	0	0	9.8	72.8
Pioneer	P48A32X	39	2	0	0	9.8	70.9
NK Seeds	NK45-P9XF	36	2	0	0	9.2	70.6
Asgrow	AG48X9	38	2	0	0	9.4	70.5
Asgrow	AG47XF2	35	1	0	0	9.3	70.1
Dyna-Gro Seed	S47XF23	41	2	0	0	9.1	69.8
Revere	4806XS	31	1	0	0	9.6	69.3
Beck's	4885X	38	3	0	0	9.2	68.2
Dyna-Gro Seed	S46XF31S	37	3	0	0	9.1	68.1
Progeny Ag	P 4604 XFS	35	3	0	0	9.4	68.0
Asgrow	AG48XF2	39	3	0	0	9.5	67.2
Great Heart Seed	GT-4979X	40	2	0	0	9.0	66.5
Revere	4606XFS	40	3	0	0	9.6	66.2
Plot Average:						9.4	69.8

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.

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
Progeny Ag	P 4806 XFS	39	0	0	4	8.9	78.0
NK Seeds	NK48-H3XFS	42	2	0	3	9.4	77.2
Delta Grow Seed Co.	48X45	38	0	0	1	9.4	72.3
Pioneer	P47A64X	52	1	0	0	9.2	69.6
NK Seeds	S49-F5X	39	0	0	0	9.2	69.6
Beck's	4553XF	35	1	0	0	10.1	68.8
Asgrow	AG47XF2	42	3	0	0	9.4	67.0
Progeny Ag	P 4604 XFS	49	2	0	0	9.1	66.5
Revere	4795XS	39	1	0	0	8.9	66.4
Asgrow	AG48XF2	39	0	0	0	9.4	65.4
Asgrow	AG48X9	45	0	0	1	9.1	63.5
Dyna-Gro Seed	S45XF02	44	2	0	0	10.0	63.2
Great Heart Seed	GT-4677XS	39	0	0	0	9.7	62.0
Revere	4925XFS	55	0	0	1	9.1	59.6
Innvictis Seed Solutions	A4690XF	40	1	0	0	9.4	58.0
Dyna-Gro Seed	S48XT90	44	4	0	0	9.7	55.2
Plot Average:						9.4	66.4

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.

**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
Pioneer	P44A21X	42	2	0	0	7.6	73.7
Progeny Ag	P 4200 RXS	37	2	0	0	7.9	71.4
Dyna-Gro Seed	S43XS70	41	1	0	0	7.2	71.0
Asgrow	AG43XF2	40	1	0	1	7.6	70.8
Revere	4299XS	39	2	0	0	7.3	70.2
NK Seeds	NK44-J4XFS	34	1	0	0	7.7	69.5
NK Seeds	NK42-T5XF	31	2	0	0	7.7	68.2
NK Seeds	NK43-V8XF	40	2	0	1	7.9	67.8
Progeny Ag	P 4444 RXS	36	2	0	0	7.4	63.5
Revere	4415XF	38	2	0	0	8.1	63.4
Beck's	4443XF	35	1	0	0	7.6	63.1
Asgrow	AG42XF2	35	2	0	1	8.2	62.5
Delta Grow Seed Co.	44XF41	38	1	0	0	7.5	58.8
Plot Average:						7.7	67.2

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.

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	%	bu/acre
Progeny Ag	P 4505 RX	44	2	0	0	7.9	67.6
Asgrow	AG47XF2	40	2	0	0	8.0	64.1
Innvictis Seed Solutions	A4850XF	38	2	0	3	8.2	63.1
Pioneer	P48A32X	42	2	0	0	7.6	63.1
Dyna-Gro Seed	S47XF23	38	2	0	0	7.6	63.0
NK Seeds	S49-F5X	41	2	0	0	8.1	63.0
Dyna-Gro Seed	S46XF31S	43	2	0	0	8.1	61.7
Asgrow	AG48XF2	41	2	0	0	7.6	61.4
Revere	4606XFS	46	1	0	0	7.7	59.9
NK Seeds	NK45-P9XF	43	2	0	0	7.6	59.7
Beck's	4885X	42	2	0	0	7.7	59.4
Asgrow	AG48X9	42	2	0	0	7.5	59.2
Progeny Ag	P 4604 XFS	43	2	0	0	7.5	57.8
Revere	4806XS	40	1	0	1	7.8	57.7
Great Heart Seed	GT-4979X	45	2	0	1	8.1	55.5
Plot Average:						7.8	61.1

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 (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
Progeny Ag	P 4806 XFS	45	3	0	0	7.6	67.5
Pioneer	P47A64X	49	4	0	0	7.5	67.3
Delta Grow Seed Co.	48X45	44	2	0	0	7.8	64.4
NK Seeds	S49-F5X	44	3	0	0	7.8	62.9
Asgrow	AG47XF2	46	2	0	0	7.8	62.6
Great Heart Seed	GT-4677XS	45	2	0	0	7.7	61.4
Revere	4925XFS	45	3	0	0	7.1	61.2
Progeny Ag	P 4604 XFS	45	3	0	0	7.4	61.0
Asgrow	AG48X9	49	2	0	0	7.8	60.5
Dyna-Gro Seed	S48XT90	45	5	0	0	7.1	60.0
NK Seeds	NK48-H3XFS	48	5	0	1	7.4	59.5
Asgrow	AG48XF2	49	3	0	0	6.8	59.3
Revere	4795XS	47	3	0	0	7.4	57.7
Innvictis Seed Solutions	A4690XF	48	3	0	0	7.1	55.8
Dyna-Gro Seed	S45XF02	46	4	0	2	8.0	53.5
Beck's	4553XF	44	4	0	2	7.8	49.4
Plot Average:						7.5	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.