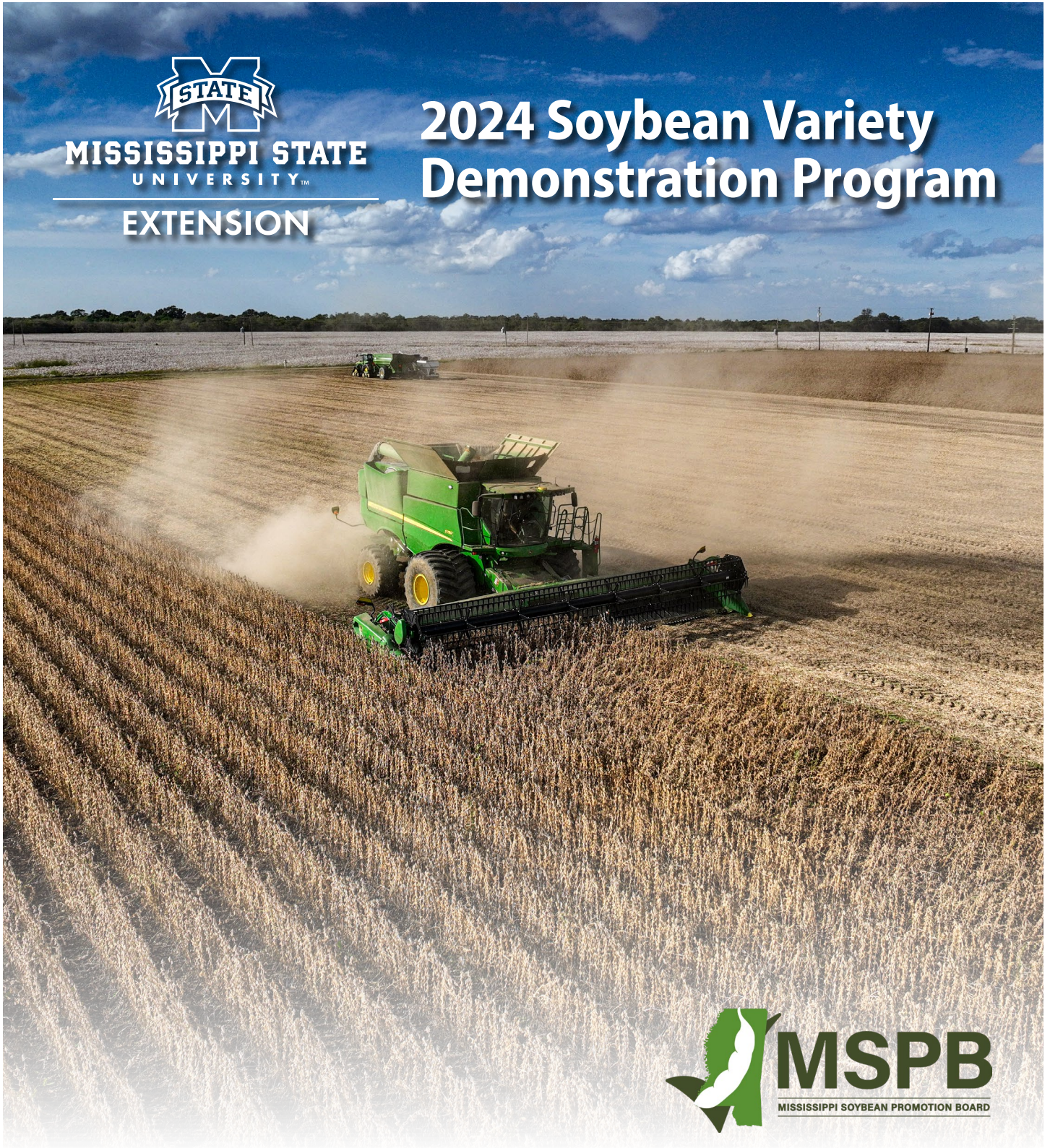




2024 Soybean Variety Demonstration Program





MSU Extension Participants

Program Coordinator: Trent Irby, PhD, Extension Soybean Specialist

Tom Allen, PhD	Tyler Soignier	Garrett Oswalt
Trevor Garrett	Bill Burdine, PhD	Drew Wilson
Todd Russell	Randall Nevins	Sam Floyd
Preston Aust	Lea Turner	Michael Pruden
Jason Hurdle	Alex Deason	Lou Adams
Mark Shankle, PhD	Paul O'Neal	John Michael Blankenship
Amee Bumguardner, PhD	Katelin Waldrep	Josh Tilley
Kyle Lewis	Brittany Elliott	

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 this program was provided by Jackson Young and Tanner Stewart.

This program is partially funded by the Mississippi Soybean Promotion Board.

2024 Location Details

During the 2024 growing season, 28 on-farm soybean variety demonstration plots were successfully conducted. The following information is intended to complement data generated through small-plot variety testing programs.

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Bolivar	MG IV EARLY RR2X & XF	2-May	145,000	6 twin rows	38"	Conv.	Pearson Silt Loam	Furrow	24-Sep
Bolivar	MG IV RR2X & XF (Clay Soil)	15-May	135,000	8 twin rows	38"	Conv.	Sharkey clay	Furrow	7-Oct
Bolivar	MG IV RR2X & XF (Mixed/Light Soil)	26-Apr	135,000	6 twin rows	38"	Conv.	Forestdale silty clay loam	Furrow	24-Sep
Coahoma	MG IV RR2X & XF (Clay Soil)	1-May	120,000	6 rows	40"	Conv.	Alligator silty clay	Furrow	4-Oct
Hinds	MG V RR2X & XF	13-Jun	122,000	8 rows	30"	Conv.	Oaklimer silt loam	None	18-Oct
Hinds	MG IV RR2X & XF (Mixed/Light Soil)	2-May	130,000	4 rows	38"	Conv.	Loring silt loam	None	18-Sep
Hinds	MG IV & V Enlist E3	2-May	130,000	4 rows	38"	Conv.	Loring silt loam	None	18-Sep
Humphreys	MG IV RR2X & XF (Clay Soil)	21-May	125,000	6 rows	38"	No-till	Alligator-Dowling clays	Furrow	17-Oct
Issaquena	MG IV RR2X & XF (Clay Soil)	17-Jun	120,000	6 rows	38"	No-till	Sharkey clay	None	18-Oct
Issaquena	MG IV RR2X & XF (Mixed/Light Soil)	17-Jun	130,000	6 rows	38"	Conv.	Sharkey clay	Furrow	10-Oct
Lee	MG V RR2X & XF	28-May	120,000	4 rows	38"	Conv.	Tuscumbia silty clay loam	None	14-Oct
Lee	MG IV & V Enlist E3	28-May	120,000	4 rows	38"	Conv.	Tuscumbia silty clay loam	None	14-Oct
Leflore	MG IV RR2X & XF (Clay Soil)	16-May	125,000	6 rows	38"	Conv.	Alligator clay	Overhead	4-Oct

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	1-May	120,000	8 rows	38"	Conv.	Dundee loam	Furrow	23-Sep
Lowndes	MG IV RR2X & XF (Clay Soil)	30-Apr	112,000	6 rows	30"	Conv.	Sumter silty clay loam	None	20-Sep
Lowndes	MG V RR2X & XF	30-Apr	112,000	6 rows	30"	Conv.	Sumter silty clay loam	None	20-Sep
Monroe	MG V RR2X & XF	14-May	120,000	12 rows	30"	Conv.	Vaiden silty clay	None	17-Oct
Oktibbeha	MG IV EARLY RR2X & XF	25-Apr	130,000	4 rows	38"	Conv.	Marietta fine sandy loam	Furrow	23-Sep
Oktibbeha	MG IV RR2X & XF (Mixed/Light Soil)	25-Apr	130,000	4 rows	38"	Conv.	Marietta fine sandy loam	Furrow	23-Sep
Oktibbeha	MG IV & V Enlist E3	25-Apr	130,000	8 rows	38"	Conv.	Marietta fine sandy loam	None	10-Sep
Panola	MG IV RR2X & XF (Mixed/Light Soil)	7-Jun	115,000	6 rows	38"	Conv.	Falaya silt loam	Furrow	24-Oct
Pontotoc	MG V RR2X & XF	21-May	128,000	8 rows	30"	No-till	Adaton silt loam	None	11-Oct
Pontotoc	MG IV & V Enlist E3	21-May	128,000	8 rows	30"	No-till	Adaton silt loam	None	3-Oct
Rankin	MG IV RR2X & XF (Mixed/Light Soil)	17-Apr	125,000	8 rows	38"	Conv.	Kipling silt loam	None	30-Aug
Sunflower	MG IV RR2X & XF (Clay Soil)	2-May	138,000	6 twin rows	38"	Conv.	Sharkey clay	Furrow	12-Oct
Washington	MG IV EARLY RR2X & XF	21-May	140,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	3-Oct
Washington	MG IV RR2X & XF (Clay Soil)	21-May	140,000	8 twin rows	40"	Conv.	Sharkey clay	Furrow	3-Oct
Washington	MG IV RR2X & XF (Mixed/Light Soil)	9-May	140,000	4 twin rows	40"	Conv.	Tunica clay	Furrow	3-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	AG40XF5	4.0	XF/SR	I	M	M	LT
Asgrow	AG42XF4	4.2	XF	I	MB	T	LT
Asgrow	AG43XF5	4.3	XF/SR	I	M	M	LT
Dyna-Gro Seed	S42XF93S	4.2	XF/STS	I	M	MT	LT
Dyna-Gro Seed	S43XF85S	4.3	XF/STS	I	M	MT	LT
Great Heart Seed	GT-4460XF	4.4	XF	I	MB	M	LT
NK Seeds	NK42-T5XF	4.2	XF	I	M	MT	LT
NK Seeds	NK43-W1XFS	4.3	XF/STS	I	M	M	G
Pioneer	P41Z80BLX	4.1	XF	I	MB	T	LT
Pioneer	P44A60LX	4.4	XF	I	B	T	LT
Revere	44-F44	4.4	XF	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

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	AG44XF4	4.4	XF/SR	I	MB	MT	T
Asgrow	AG45XF3	4.5	XF/SR	I	MB	MT	LT
Asgrow	AG46XF3	4.6	XF/SR	I	MB	MT	LT
Asgrow	AG49XF4	4.9	XF/SR	I	MB	MT	T
Delta Grow Seed Co.	DG48XF33STS	4.8	XF/STS	I	MB	MT	T
Dyna-Gro Seed	S47XF23S	4.7	XF/STS	I	MB	MT	LT
Dyna-Gro Seed	S48XF35S	4.8	XF/STS	I	MB	MT	LT
Dyna-Gro Seed	S49XF43S	4.9	XF/STS	I	MB	MT	G
Great Heart Seed	GT-4538XFS	4.5	XF	I	MB	MT	LT
Great Heart Seed	GT-4756XF	4.7	XF	I	MB	MT	LT
Innictis Seed Solutions	A4642XF	4.6	XF/STS	I	MB	T	G
Innictis Seed Solutions	A4862XF	4.8	XF	I	M	T	T
NK Seeds	NK48-A8XFS	4.8	XF/STS	I	MB	MT	LT
NK Seeds	NK49-N7XF	4.9	XF	I	M	MT	LT
Pioneer	P46A90LX	4.6	RR2X	I	MB	MT	LT
Pioneer	P48A04LX	4.8	RR2X	I	MB	MT	LT
Pioneer	P48Z70BLX	4.8	XF	I	M	T	G
Progeny Ag	P 4947XFS	4.9	XF/STS	I	B	MT	LT
Revere	4826XFS	4.8	XF	I	MB	M	LT
Revere	49-F36	4.9	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

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
Delta Grow Seed Co.	DG53XF95STS	5.3	XF/STS	I	MB	MT	T
Dyna-Gro	S51XF84S	5.1	XF/STS	I	MB	MT	LT
NK Seeds	NK54-J9XFS	5.4	XF/STS	I	MB	T	T
NK Seeds	NK56-Z6XFS	5.6	XF/STS	I	MB	M	LT
Pioneer	P53Z60LX	5.3	XF	D	B	M	LT
Progeny Ag	P 5056XFS	5.0	XF/STS	I	M	T	LT
Revere	51F31	5.1	XF	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

Maturity Groups 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.	DG46E10	4.6	Enlist E3	I	M	M	LT
Delta Grow Seed Co.	DG46E30	4.6	Enlist E3	I	MB	T	LT
Great Heart Seed	GT-4320ES	4.3	Enlist E3	I	M	M	LT
Great Heart Seed	GT-4563ES	4.5	Enlist E3	I	MB	MT	LT
Pioneer	P40Z57E	4.0	Enlist E3	I	M	M	LT
Pioneer	P43Z445E	4.3	Enlist E3	I	M	M	LT
Pioneer	P45Z75E	4.5	Enlist E3	I	M	M	LT
Pioneer	P49Z02E	4.9	Enlist E3	I	M	M	LT
Pioneer	P50Z95E	5.0	Enlist E3	I	M	M	LT
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: 25 Apr 24 to 21 May 24

Brand	Variety	Avg. Plant Height (in)	Avg. Lodging Score (0 to 10) ¹	Avg. Shattering Score (0 to 10) ¹	Avg. Green Stem Score (0 to 10) ¹	Avg. Seed Moisture (%)	Avg. Yield (bu/acre) ²
Revere	44-F44	35.5	2	0	0	11.1	68.5
Asgrow	AG43XF5	34.1	2	0	0	11.3	68.3
Dyna-Gro Seed	S43XF85S	36.3	3	0	0	11.6	68.3
Great Heart Seed	GT-4460XF	35.7	3	1	0	11.5	67.6
Pioneer	P44A60LX	37.1	5	1	0	11.7	67.6
NK Seeds	NK42-T5XF	33.1	1	1	1	11.2	64.4
NK Seeds	NK43-W1XF5	34.8	2	0	0	11.5	64.4
Pioneer	P41Z80BLX	33.5	2	0	0	11.2	62.7
Asgrow	AG40XF5	32.4	3	1	0	11.3	61.7
Asgrow	AG39XF3	31.4	3	0	0	11.7	61.0
Asgrow	AG42XF4	36.5	2	1	1	11.3	60.6
Dyna-Gro Seed	S42XF93S	36.4	3	0	0	11.7	60.5
Average across all irrigated locations:						11.4	64.6

¹ Scores rated on scale of 0 to 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 (Mixed/ Light Soil) Roundup Ready 2 Xtend & XtendFlex
Varieties Summarized Across Irrigated Locations

Total number of locations: 6 Planting date range: 25 Apr 24 to 17 Jun 24

Brand	Variety	Avg. Plant Height (in)	Avg. Lodging Score (0 to 10) ¹	Avg. Shattering Score (0 to 10) ¹	Avg. Green Stem Score (0 to 10) ¹	Avg. Seed Moisture (%)	Avg. Yield (bu/acre) ²
Innvictis Seed Solutions	A4862XF	35.0	4	0	3	10.9	69.3
Progeny Ag	P 4947XFS	36.0	4	0	2	11.3	69.1
Dyna-Gro	S49XF43S	33.9	4	0	2	11.1	68.0
Pioneer	P48Z70BLX	36.1	5	1	1	11.0	68.0
Asgrow	AG49XF4	35.3	3	1	1	11.0	67.5
NK Seeds	NK49-N7XF	35.8	3	0	1	11.2	67.2
Delta Grow Seed Co.	DG48XF33STS	35.4	4	0	1	11.1	66.8
Pioneer	P46A90LX	33.0	4	0	1	11.0	65.9
Asgrow	AG45XF3	35.4	3	0	1	11.2	65.4
Asgrow	AG46XF3	34.0	3	0	1	11.3	65.3
NK Seeds	NK48-A8XFS	35.2	4	1	1	11.1	65.1
Asgrow	AG44XF4	31.3	3	1	2	11.0	65.0
Revere	4826XFS	34.5	4	0	0	10.9	65.0
Dyna-Gro	S47XF23S	36.2	3	0	0	11.0	64.5
Great Heart Seed	GT-4756XF	34.5	3	0	0	10.8	64.1
Average across all irrigated locations:						11.0	66.4

¹ Scores rated on scale of 0 to 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 (Clay Soil) Roundup Ready 2 Xtend & XtendFlex
Varieties Summarized Across Irrigated Locations**

Total number of locations: 6

Planting date range: 1 May 24 to 21 May 24

Brand	Variety	Avg. Plant Height (in)	Avg. Lodging Score (0 to 10) ¹	Avg. Shattering Score (0 to 10) ¹	Avg. Green Stem Score (0 to 10) ¹	Avg. Seed Moisture (%)	Avg. Yield (bu/acre) ²
Asgrow	AG44XF4	33.1	2	0	2	10.6	65.3
Dyna-Gro	S48XF35S	36.8	2	0	1	10.3	63.4
Progeny Ag	P 4947XFS	37.8	4	0	3	10.5	63.2
Asgrow	AG45XF3	35.2	2	0	0	10.4	62.1
Asgrow	AG49XF4	37.9	2	0	1	10.2	61.2
Asgrow	AG46XF3	36.5	2	0	1	10.3	61.1
Revere	49-F36	38.7	3	0	3	11.5	61.0
NK Seeds	NK48-A8XFS	37.6	2	1	2	10.7	60.5
NK Seeds	NK49-N7XF	37.9	2	0	1	10.2	60.2
Great Heart Seed	GT-4538XFS	39.2	3	0	0	10.3	59.6
Dyna-Gro	S47XF23S	35.5	3	0	1	10.3	59.0
Innvisis Seed Solutions	A4642XF	37.7	2	0	1	10.0	58.9
Pioneer	P48A04LX	38.4	3	0	1	10.4	58.2
Average across all irrigated locations:						10.4	61.0

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

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

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

Total number of locations: 5 Planting date range: 30 Apr 24 to 13 Jun 24

Brand	Variety	Avg. Plant Height (in)	Avg. Lodging Score (0 to 10) ¹	Avg. Shattering Score (0 to 10) ¹	Avg. Green Stem Score (0 to 10) ¹	Avg. Seed Moisture (%)	Avg. Yield (bu/acre) ²
Pioneer	P53Z60LX	28.0	2	1	2	10.5	37.2
NK Seeds	NK56-Z6XFS	26.7	1	0	4	12.1	36.9
Dyna-Gro	S51XF84S	28.4	2	1	1	10.4	36.3
NK Seeds	NK54-J9XFS	32.2	2	0	4	17.6	36.3
Progeny Ag	P 5056XFS	31.5	2	1	1	11.5	36.1
Revere	51F31	27.2	1	1	2	12.2	35.7
Delta Grow Seed Co.	DG53XF95STS	29.1	1	1	1	10.6	33.4
Average across all non-irrigated locations:						12.1	36.0

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

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

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

Total number of locations: 4 Planting date range: 25 Apr 24 to 28 May 24

Brand	Variety	Avg. Plant Height (in)	Avg. Lodging Score (0 to 10) ¹	Avg. Shattering Score (0 to 10) ¹	Avg. Green Stem Score (0 to 10) ¹	Avg. Seed Moisture (%)	Avg. Yield (bu/acre) ²
Pioneer	P43Z445E	29	2	1	0	10.1	47.8
Great Heart Seed	GT-4320ES	28	2	0	0	11.0	47.6
Pioneer	P50Z95E	30	2	0	1	10.0	47.5
Delta Grow Seed Co.	DG46E30	33	2	1	0	9.7	46.9
Pioneer	P45Z75E	32	2	0	0	9.8	45.4
Pioneer	P49Z02E	32	2	0	0	10.0	45.2
Pioneer	P40Z57E	26	1	1	0	11.0	41.4
Great Heart Seed	GT-4563ES	31	1	0	0	10.7	40.1
Delta Grow Seed Co.	DG46E10	32	2	1	0	10.0	37.1
Pioneer	P56A71E	28	0	0	3	11.9	35.9
Average across all non-irrigated locations:						10.4	43.5

¹ Scores rated on scale of 0 to 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 EARLY Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Dyna-Gro Seed	S43XF85S	38.2	4	0	0	12.5	77.8
Revere	44-F44	36.0	3	0	0	11.7	75.0
Pioneer	P41Z80BLX	34.2	4	0	0	12.1	72.9
Pioneer	P44A60LX	31.0	5	0	0	12.0	72.8
Asgrow	AG42XF4	39.0	4	0	0	12.0	72.5
Great Heart Seed	GT-4460XF	34.4	5	0	0	12.2	70.5
NK Seeds	NK43-W1XFS	36.2	4	0	0	12.5	70.4
Asgrow	AG43XF5	32.6	3	0	0	12.1	70.3
Dyna-Gro Seed	S42XF93S	34.2	6	0	0	12.7	69.8
Asgrow	AG40XF5	35.2	5	0	0	12.5	69.6
Asgrow	AG39XF3	30.6	6	0	0	13.3	69.4
Plot average:						12.3	71.9

¹ Scores rated on scale of 0 to 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 (Clay Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG44XF4	45.8	3	0	0	9.8	77.8
NK Seeds	NK48-A8XFS	43.5	4	0	0	10.2	76.0
Pioneer	P48A04LX	51.6	4	0	0	10.7	75.3
NK Seeds	NK49-N7XF	52.3	4	0	0	9.8	74.5
Asgrow	AG49XF4	51.2	4	0	0	9.9	74.3
Dyna-Gro	S48XF35S	45.8	3	0	0	10.4	74.3
Asgrow	AG45XF3	44.9	3	0	0	10.5	72.4
Revere	49-F36	49.0	5	0	0	10.4	70.6
Progeny Ag	P 4947XFS	48.8	5	0	0	9.9	69.6
Great Heart Seed	GT-4538XFS	44.4	4	0	0	10.2	69.4
Innvictis Seed Solutions	A4642XF	49.4	3	0	1	10.6	67.8
Asgrow	AG46XF3	44.5	3	0	0	10.7	66.3
Dyna-Gro	S47XF23S	47.4	4	0	0	10.8	64.9
Plot average:						10.3	71.8

¹ Scores rated on scale of 0 to 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 (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Progeny Ag	P 4947XF5	29.6	3	0	9	11.9	108.3
Dyna-Gro	S49XF43S	24.8	4	0	7	11.8	103.3
Innqvist Seed Solutions	A4862XF	27.6	2	0	9	11.5	102.7
Asgrow	AG49XF4	31.0	2	0	2	11.2	99.4
Delta Grow Seed Co.	DG48XF33STS	32.6	3	0	3	11.3	99.0
Asgrow	AG44XF4	26.0	2	0	8	11.5	97.4
NK Seeds	NK49-N7XF	29.8	3	0	1	11.4	97.1
NK Seeds	NK48-A8XF5	30.2	2	0	3	11.6	96.2
Pioneer	P46A90LX	31.2	5	0	5	11.4	96.0
Asgrow	AG46XF3	33.4	4	0	3	11.4	94.4
Pioneer	P48Z70BLX	30.4	5	0	4	11.8	93.9
Revere	4826XF5	31.8	2	0	0	10.5	93.2
Asgrow	AG45XF3	29.8	3	0	6	12.0	92.7
Dyna-Gro	S47XF23S	32.6	3	0	0	11.0	92.0
Great Heart Seed	GT-4756XF	31.6	3	0	0	11.2	91.8
Plot average:						11.4	95.3

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

² Scores rated on scale of 0 to 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 (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Progeny Ag	P 4947XF5	27.4	4	0	6	12.5	84.9
Dyna-Gro	S48XF35S	28.4	2	0	4	10.6	81.8
Asgrow	AG44XF4	24.6	0	0	3	12.5	79.1
Revere	49-F36	27.4	3	0	6	16.1	77.8
Asgrow	AG49XF4	35.0	3	0	1	11.2	77.1
Asgrow	AG46XF3	25.0	1	0	2	10.8	77.0
NK Seeds	NK49-N7XF	28.6	2	0	4	10.8	76.3
Pioneer	P48A04LX	35.2	2	0	1	11.1	74.7
Innqvist Seed Solutions	A4642XF	30.8	2	1	2	10.6	74.3
Dyna-Gro	S47XF23S	28.6	2	0	1	11.1	71.8
NK Seeds	NK48-A8XF5	33.6	2	1	2	11.3	71.6
Asgrow	AG45XF3	29.0	1	0	0	11.1	68.7
Great Heart Seed	GT-4538XF5	31.4	2	0	0	10.9	68.2
Plot average:						11.6	75.6

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Dyna-Gro	S51XF84S	28.8	2	0	1	11.3	45.9
NK Seeds	NK54-J9XFS	29.6	1	0	4	13.3	45.3
Progeny Ag	P 5056XFS	26.8	2	0	2	12.6	43.9
NK Seeds	NK56-Z6XFS	30.6	1	0	6	11.7	42.3
Revere	51F31	25.4	1	0	3	12.0	38.6
Pioneer	P53Z60LX	24.0	1	0	3	12.5	38.3
Delta Grow Seed Co.	DG53XF95STS	27.2	1	0	1	12.9	37.1
Plot average:						12.3	41.6

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Innqvist Seed Solutions	A4862XF	39.6	1	0	0	11.6	75.9
Delta Grow Seed Co.	DG48XF33STS	39.8	0	0	0	11.0	73.9
Dyna-Gro	S47XF23S	35.2	0	1	0	11.8	73.2
Asgrow	AG46XF3	32.6	0	0	0	11.1	70.7
Asgrow	AG45XF3	28.2	1	0	0	10.3	70.4
Progeny Ag	P 4947XFS	32.0	0	0	0	10.2	68.4
Asgrow	AG44XF4	32.6	0	0	5	12.9	68.2
NK Seeds	NK48-A8XFS	38.4	0	0	0	11.2	67.8
Great Heart Seed	GT-4756XF	28.8	0	0	1	11.3	67.2
Pioneer	P48Z70BLX	38.2	1	1	0	12.0	66.1
Dyna-Gro	S49XF43S	32.8	0	0	0	9.6	66.0
Asgrow	AG49XF4	34.8	0	0	0	9.7	64.5
Revere	4826XFS	33.6	0	0	0	10.5	63.9
Pioneer	P46A90LX	32.6	1	0	0	11.5	61.8
NK Seeds	NK49-N7XF	31.0	0	0	0	9.6	55.2
Plot average:						10.9	67.5

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

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

**Hinds County—Non-Irrigated
Maturity Groups IV & V Enlist E3**

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P43Z445E	30.2	1	1	0	10.1	76.4
Delta Grow Seed Co.	DG46E30	33.2	0	0	0	9.9	73.7
Pioneer	P45Z75E	33.6	0	0	0	10.9	70.8
Great Heart Seed	GT-4320ES	27.4	1	0	0	12.3	70.5
Pioneer	P49Z02E	33.6	0	0	0	11.2	69.9
Pioneer	P50Z95E	20.6	0	0	0	10.1	69.0
Pioneer	P40Z57E	24.6	1	1	0	9.9	63.6
Great Heart Seed	GT-4563ES	31.8	0	0	0	11.8	57.6
Delta Grow Seed Co.	DG46E10	30.8	0	0	0	10.2	56.3
Pioneer	P56A71E	26.0	0	0	6	14.1	52.8
Plot average:						11.0	66.1

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Progeny Ag	P 4947XFS	29.5	5	0	1	7.9	69.4
NK Seeds	NK48-A8XFS	30.8	2	0	1	8.9	69.3
Asgrow	AG44XF4	22.4	2	0	1	9.1	68.8
Revere	49F36	30.4	6	0	4	8.3	67.4
Dyna-Gro	S48XF35S	29.1	2	0	1	9.1	66.3
Asgrow	AG46XF3	30.0	3	0	1	9.5	65.2
Asgrow	AG45XF3	25.8	3	0	1	8.9	63.9
NK Seeds	NK49-N7XF	26.8	3	0	1	9.0	63.9
Asgrow	AG49XF4	22.3	4	0	0	9.0	63.7
Great Heart Seed	GT-4538XFS	30.5	4	0	0	9.0	62.3
Innvictis Seed Solutions	A4642XF	22.5	2	0	0	8.1	61.1
Dyna-Gro	S47XF23S	22.9	3	0	1	8.5	59.5
Pioneer	P48A04LX	23.9	4	0	2	8.5	59.5
Plot average:						8.7	64.6

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

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

Issaquena County—Non-Irrigated
Maturity Group IV (Clay Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Revere	49-F36	32.8	2	0	3	12.9	48.5
Progeny Ag	P 4947XFS	32.2	1	0	3	11.8	41.6
Asgrow	AG46XF3	23.8	1	0	1	10.3	41.1
NK Seeds	NK48-A8XFS	34.2	1	0	0	10.4	40.4
Asgrow	AG49XF4	28.8	2	0	0	9.9	38.5
Asgrow	AG45XF3	23.2	0	0	0	9.5	38.0
Asgrow	AG44XF4	20.0	0	0	0	10.8	33.5
Dyna-Gro	S48XF35S	28.8	0	0	2	12.0	31.1
Great Heart Seed	GT-4538XFS	22.8	1	0	0	9.7	30.4
Pioneer	P48A04LX	29.0	1	0	0	8.8	28.5
Dyna-Gro	S47XF23S	24.2	1	0	2	11.7	25.9
Innqvictis Seed Solutions	A4642XF	26.2	0	0	0	9.4	21.3
NK Seeds	NK49-N7XF	25.8	0	0	2	11.2	20.3
Plot average:						10.6	33.8

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

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

Issaquena County—Non-Irrigated
Maturity Group IV (Mixed/Light Soil) Roundup Ready 2 Xtend & XtendFlex

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Dyna-Gro	S49XF43S	37.0	3	0	0	8.9	67.3
Asgrow	AG49XF4	42.4	3	0	0	9.6	62.8
Innqvictis Seed Solutions	A4862XF	37	4	0	0	8.8	62.8
NK Seeds	NK49-N7XF	37.6	3	0	0	9.6	61.0
Progeny Ag	P 4947XFS	35.4	2	0	0	9.2	61.0
Pioneer	P46A90LX	36.8	4	0	0	8.8	60.8
Asgrow	AG44XF4	33.6	4	0	0	10	60.2
Great Heart Seed	GT-4756XF	33.6	4	0	0	8.9	60.2
Pioneer	P48Z70BLX	36.4	4	0	0	9.5	59.9
Revere	4826XFS	39.6	5	0	0	9.8	59.8
Delta Grow Seed Co.	DG48XF33STS	38.4	5	0	0	9.7	59.5
Dyna-Gro	S47XF23S	37.0	3	0	0	9.8	58.4
Asgrow	AG45XF3	40.4	3	0	0	10.1	56.2
Asgrow	AG46XF3	39	3	0	0	9.7	55.1
NK Seeds	NK48-A8XFS	39	5	0	0	8.7	55.1
Plot average:						9.6	60.0

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Revere	51-F31	24.0	-	-	-	9.3	24.7
Progeny Ag	P 5056XFS	37.2	-	-	-	10.3	23.7
Pioneer	P53Z60LX	24.6	-	-	-	9.6	22.4
NK Seeds	NK56-Z6XFS	22.6	-	-	-	13.8	20.4
Dyna-Gro	S51XF84S	23.9	-	-	-	9.1	18.9
NK Seeds	NK54-J9XFS	27.1	-	-	-	23.9	17.7
Delta Grow Seed Co.	DG53XF95STS	21.8	-	-	-	9.7	11.0
Plot average:						12.2	19.8

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

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

Lee County—Non-Irrigated
Maturity Groups IV & V Enlist E3

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Delta Grow Seed Co.	DG46E30	34.2	-	-	-	8.4	22.7
Great Heart Seed	GT-4320ES	28.5	-	-	-	9.0	22.0
Great Heart Seed	GT-4563ES	30.7	-	-	-	9.4	21.6
Pioneer	P49Z02E	29.9	-	-	-	8.2	20.8
Pioneer	P45Z75E	27.4	-	-	-	8.1	20.0
Pioneer	P50Z95E	30.6	-	-	-	8.3	19.8
Pioneer	P56A71E	23.7	-	-	-	9.2	19.8
Pioneer	P43Z445E	24.6	-	-	-	8.7	19.4
Delta Grow Seed Co.	DG46E10	32.1	-	-	-	9.4	16.5
Pioneer	P40Z57E	28.4	-	-	-	9.7	13.7
Plot average:						8.8	19.6

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG44XF4	40.5	4	0	2	10.6	60.5
Asgrow	AG45XF3	45.9	3	0	1	8.7	60.5
Great Heart Seed	GT-4538XFS	52.4	5	0	1	10.9	53.8
Asgrow	AG46XF3	46.7	2	0	2	10.0	53.5
Dyna-Gro	S47XF23S	46.9	4	0	2	10.8	53.3
Asgrow	AG49XF4	48.1	3	0	1	10.5	52.6
Dyna-Gro	S48XF35S	44.2	3	0	1	9.9	51.6
Progeny Ag	P 4947XFS	52.8	2	0	7	11.1	51.3
Revere	49-F36	49.8	2	0	4	12.8	50.1
Innqvist Seed Solutions	A4642XF	50.1	4	0	1	10.0	47.5
NK Seeds	NK48-A8XFS	46.1	4	0	3	10.2	47.5
Pioneer	P48A04LX	47.9	6	0	0	10.3	46.3
NK Seeds	NK49-N7XF	44.0	2	0	1	11.0	45.5
Plot average:						10.5	51.8

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Innqvist Seed Solutions	A4862XF	40.0	5	0	0	10.4	71.9
Asgrow	AG46XF3	37.2	3	0	0	10.7	70.3
Asgrow	AG45XF3	40.8	4	0	0	10.6	69.2
NK Seeds	NK48-A8XFS	36.4	4	1	0	10.7	69.1
NK Seeds	NK49-N7XF	40.6	5	0	0	11.5	68.8
Asgrow	AG44XF4	33.2	4	1	0	10.7	68.3
Asgrow	AG49XF4	37.6	4	1	0	10.7	66.9
Dyna-Gro	S49XF43S	33.8	4	0	0	10.7	66.1
Pioneer	P48Z70BLX	35.8	5	1	0	10.3	65.9
Dyna-Gro	S47XF23S	38.8	4	0	0	10.3	65.7
Great Heart Seed	GT-4756XF	37.0	3	0	0	10.7	65.3
Pioneer	P46A90LX	34.2	5	0	0	10.5	65.1
Revere	4826XFS	35.2	4	0	0	10.8	63.9
Delta Grow Seed Co.	DG48XF33STS	34.4	6	0	0	10.7	62.4
Progeny Ag	P 4947XFS	35.2	5	0	0	11.5	59.3
Plot average:						10.7	66.5

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Revere	49-F36	38.8	4	1	3	11.9	58.9
Progeny Ag	P 4947XFS	38.6	2	1	4	11.4	58.3
NK Seeds	NK48-A8XFS	37.4	1	1	0	11.5	56.8
Asgrow	AG49XF4	31.6	4	0	2	11.5	54.5
NK Seeds	NK49-N7XF	29.2	1	2	3	11.2	54.5
Dyna-Gro	S48XF35S	30.8	3	1	1	11.3	53.9
Asgrow	AG44XF4	28.2	2	1	1	12.1	52.9
Innvictis Seed Solutions	A4642XF	35.2	4	1	0	11.7	49.6
Asgrow	AG46XF3	33.0	2	1	0	11.9	48.3
Pioneer	P48A04LX	37.6	1	1	3	11.7	47.9
Asgrow	AG45XF3	31.2	1	0	0	12.0	45.8
Great Heart Seed	GT-4538XFS	38.2	3	1	0	11.2	45.5
Dyna-Gro	S47XF23S	31.9	3	1	0	11.8	42.4
Plot average:						11.6	51.5

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P53Z60LX	34.2	3	1	1	10.6	53.4
Revere	51-F31	29.2	2	0	1	10.5	52.4
Delta Grow Seed Co.	DG53XF95STS	31.8	2	1	0	10.8	49.0
Progeny Ag	P 5056XFS	36.2	3	0	1	11.9	45.1
NK Seeds	NK56-Z6XFS	26.2	1	0	1	13.3	44.7
Dyna-Gro	S51XF84S	30.8	3	0	1	10.6	44.3
NK Seeds	NK54-J9XFS	36.4	2	0	3	30.3	34.8
Plot average:						14.0	46.2

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
NK Seeds	NK54-J9XFS	37.0	3	0	4	9.1	53.6
NK Seeds	NK56-Z6XFS	28.4	2	0	5	10.5	47.2
Dyna-Gro	S51XF84S	32.4	0	4	0	10.2	37.2
Delta Grow Seed Co.	DG53XF95STS	35.4	1	2	2	9.0	36.5
Pioneer	P53Z60LX	32.2	2	1	3	9.4	34.2
Progeny Ag	P 5056XFS	30.8	1	4	0	10.7	32.1
Revere	51-F31	32.8	1	3	1	9.2	29.4
Plot average:						9.7	38.6

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG43XF5	31.7	1	0	0	12.3	69.3
NK Seeds	NK42-T5XF	29.1	1	1	0	12.3	69.0
Pioneer	P44A60LX	40.1	6	1	0	13.4	68.5
Great Heart Seed	GT-4460XF	35.1	2	1	0	12.5	66.6
Dyna-Gro Seed	S43XF85S	31.2	1	1	0	12.2	64.8
Revere	44-F44	34.4	1	1	0	12.1	64.3
NK Seeds	NK43-W1XFS	29.8	1	1	0	12.3	59.5
Pioneer	P41Z80BLX	32.6	2	1	0	12.0	58.6
Asgrow	AG40XF5	28.8	1	2	0	12.1	57.9
Dyna-Gro Seed	S42XF93S	35.4	1	0	0	12.5	55.9
Asgrow	AG42XF4	35.9	1	4	1	12.2	55.8
Asgrow	AG39XF3	28.5	1	1	0	12.0	54.2
Plot average:						12.3	62.0

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P48Z70BLX	41.3	4	2	0	11.8	62.8
Asgrow	AG46XF3	32.3	1	1	0	12.0	59.1
Innvictis Seed Solutions	A4862XF	35.3	2	1	0	11.9	58.6
Asgrow	AG45XF3	35.2	1	2	0	12.0	58.3
Dyna-Gro	S49XF43S	33.4	3	1	0	11.8	58.1
Asgrow	AG44XF4	29.9	1	2	0	11.8	56.9
NK Seeds	NK48-A8XFS	35.6	3	2	0	12.1	56.8
Pioneer	P46A90LX	32.7	1	1	0	12	56.8
Revere	4826XFS	32.4	2	1	0	11.8	56.7
Delta Grow Seed Co.	DG48XF33STS	33.6	2	0	0	11.9	55.7
Progeny Ag	P 4947XFS	37.5	3	1	1	11.9	55.4
Asgrow	AG49XF4	34.0	2	2	0	11.8	53.7
Dyna-Gro	S47XF23S	32.9	2	0	0	11.8	53.2
NK Seeds	NK49-N7XF	31.0	1	2	0	11.8	52.9
Great Heart Seed	GT-4756XF	30.5	2	1	0	11.7	51.5
Plot average:						11.9	56.4

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

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

Oktribbeha County—Non-Irrigated
Maturity Groups IV & V Enlist E3

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P50Z95E	40.6	3	0	0	9.6	59.0
Great Heart Seed	GT-4320ES	26.0	1	0	0	10.6	56.7
Pioneer	P49Z02E	38.2	4	0	0	9.3	53.1
Delta Grow Seed Co.	DG46E30	33.0	3	0	0	9.1	51.9
Pioneer	P43Z445E	32.2	2	0	0	9.5	51.8
Pioneer	P45Z75E	37.4	3	0	0	8.8	49.9
Pioneer	P40Z57E	25.2	1	0	0	12.3	45.3
Great Heart Seed	GT-4563ES	33.4	1	0	0	9.7	42.8
Delta Grow Seed Co.	DG46E10	36.8	2	0	0	9.0	40.9
Pioneer	P56A71E	33.8	0	0	0	10.9	39.9
Plot average:						9.9	49.1

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Dyna-Gro	S47XF23S	35.8	2	0	1	10.9	49.9
Pioneer	P48Z70BLX	35.4	7	0	2	10.7	49.4
NK Seeds	NK49-N7XF	36.4	3	0	2	10.8	48.2
Innvictis Seed Solutions	A4862XF	33.6	3	0	7	10.5	48.0
Pioneer	P46A90LX	27.8	3	0	2	11.1	47.3
Progeny Ag	P 4947XFS	37.6	6	0	3	10.3	46.9
Great Heart Seed	GT-4756XF	36.0	4	0	2	10.6	46.7
Delta Grow Seed Co.	DG48XF33STS	38.2	4	0	1	10.4	45.5
Asgrow	AG46XF3	26.4	4	0	2	11.3	44.3
Dyna-Gro	S49XF43S	33.2	5	0	1	10.6	44.0
Revere	4826XFS	31.0	8	0	1	10.5	43.8
Asgrow	AG49XF4	28.0	6	0	1	10.0	43.3
Asgrow	AG45XF3	28.0	5	0	1	10.4	43.0
NK Seeds	NK48-A8XFS	29.0	4	0	4	10.8	42.9
Asgrow	AG44XF4	25.6	4	0	3	10.7	42.0
Plot average:						10.6	45.7

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P53Z60LX	24.8	-	-	-	10.6	38.0
Progeny Ag	P 5056XFS	26.4	-	-	-	12.2	35.6
Dyna-Gro	S51XF84S	26.2	-	-	-	10.6	35.2
Revere	51F31	24.6	-	-	-	20.2	33.5
NK Seeds	NK54-J9XFS	31.1	-	-	-	11.2	30.3
NK Seeds	NK56-Z6XFS	25.6	-	-	-	11.2	30.1
Plot average:						12.7	33.8

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Pioneer	P43Z445E	28.4	2	1	0	12.0	43.5
Pioneer	P40Z57E	27.6	1	1	0	12.2	43.1
Pioneer	P50Z95E	26.8	2	1	2	12.0	42.2
Great Heart Seed	GT-4320ES	29.0	3	1	0	11.9	41.0
Pioneer	P45Z75E	29.2	2	1	0	11.4	40.7
Delta Grow Seed Co.	DG46E30	29.8	4	2	0	11.3	39.3
Great Heart Seed	GT-4563ES	26.1	3	1	1	12.0	38.3
Pioneer	P49Z02E	25.2	2	1	0	11.5	37.0
Delta Grow Seed Co.	DG46E10	28.4	4	2	0	11.3	34.9
Pioneer	P56A71E	26.6	1	1	3	13.4	31.2
Plot average:						11.9	39.1

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG45XF3	41.0	3	1	0	12.0	85.5
Revere	4826XFS	33.6	3	2	0	13.0	83.6
Asgrow	AG49XF4	38.0	2	1	0	14.0	83.5
Asgrow	AG46XF3	36.6	4	1	0	13.7	83.2
Dyna-Gro	S47XF23S	29.6	2	2	0	12.9	83.0
Pioneer	P46A90LX	36.8	3	1	0	12.3	82.8
Asgrow	AG44XF4	36.4	2	1	0	12.2	82.0
Innvictis Seed Solutions	A4862XF	33.6	3	4	0	13.2	81.9
Progeny Ag	P 4947XFS	44.2	4	1	0	15.0	81.2
Delta Grow Seed Co.	DG48XF33STS	33.8	3	2	0	13.2	80.9
Dyna-Gro	S49XF43S	37.2	3	2	0	17.5	80.9
Great Heart Seed	GT-4756XF	34.0	1	1	0	12.3	79.4
NK Seeds	NK49-N7XF	34.6	3	3	0	14.2	79.2
Pioneer	P48Z70BLX	39.4	1	2	0	12.3	78.4
NK Seeds	NK48-A8XFS	35.6	1	2	0	13.2	72.5
Plot average:						13.4	81.2

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG45XF3	29.3	0	1	0	13.3	46.4
Asgrow	AG46XF3	30.0	0	0	0	11.7	43.9
Great Heart Seed	GT-4538XFS	33.0	0	0	0	11.4	42.8
Dyna-Gro	S47XF23S	30.0	0	1	0	11.4	42.2
Innvictis Seed Solutions	A4642XF	32.0	0	0	0	11.7	41.9
Progeny Ag	P 4947XFS	31.0	0	0	0	11.4	40.3
NK Seeds	NK48-A8XFS	30.0	0	0	0	11.7	39.7
Dyna-Gro	S48XF35S	30.0	0	0	0	11.1	39.4
NK Seeds	NK49-N7XF	30.0	0	1	0	10.9	38.9
Revere	49-F36	31.5	0	0	0	11.4	37.3
Asgrow	AG44XF4	28.0	0	1	0	11.8	36.5
Asgrow	AG49XF4	31.0	0	0	0	10.9	36.4
Pioneer	P48A04LX	31.0	0	1	0	11.4	33.4
Plot average:						11.5	39.9

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Revere	44-F44	36.0	1	0	1	9.5	66.3
Great Heart Seed	GT-4460XF	37.5	2	1	1	9.7	65.6
Asgrow	AG43XF5	37.9	2	0	1	9.6	65.4
NK Seeds	NK43-W1XFS	38.5	1	0	1	9.8	63.3
Dyna-Gro Seed	S43XF85S	39.4	3	0	0	10.2	62.2
Pioneer	P44A60LX	40.2	3	1	0	9.6	61.7
NK Seeds	NK42-T5XF	37.1	1	0	1	10.0	59.7
Asgrow	AG39XF3	35.0	2	0	0	9.7	59.3
Asgrow	AG40XF5	33.3	2	0	0	9.2	57.4
Pioneer	P41Z80BLX	33.8	1	0	0	9.4	56.6
Dyna-Gro Seed	S42XF93S	39.6	3	0	1	9.9	55.8
Asgrow	AG42XF4	34.5	1	0	2	9.8	53.5
Plot average:						9.7	60.6

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG44XF4	37.0	3	0	4	9.8	68.9
Dyna-Gro	S48XF35S	43.0	2	1	1	10.5	67.0
Progeny Ag	P 4947XFS	37.2	5	1	2	10.1	63.5
Asgrow	AG49XF4	39.5	1	0	1	9.9	63.2
Revere	49-F36	44.0	3	1	1	9.9	62.7
NK Seeds	NK49-N7XF	45.4	2	0	1	9.5	62.3
Dyna-Gro	S47XF23S	37.4	2	0	1	9.4	62.1
Great Heart Seed	GT-4538XFS	43.4	4	0	0	9.1	61.0
Innictis Seed Solutions	A4642XF	41.3	3	1	2	9.2	60.8
Asgrow	AG45XF3	36.2	1	1	0	9.9	60.7
Asgrow	AG46XF3	42.8	4	0	1	9.2	60.5
Pioneer	P48A04LX	40.7	2	0	3	10.3	60.3
NK Seeds	NK48-A8XFS	41.5	1	2	6	10.1	58.7
Plot average:						9.8	62.4

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Asgrow	AG44XF4	37.0	3	0	4	9.8	68.9
Dyna-Gro	S48XF35S	43.0	2	1	1	10.5	67.0
Progeny Ag	P 4947XFS	37.2	5	1	2	10.1	63.5
Asgrow	AG49XF4	39.5	1	0	1	9.9	63.2
Revere	49-F36	44.0	3	1	1	9.9	62.7
NK Seeds	NK49-N7XF	45.4	2	0	1	9.5	62.3
Dyna-Gro	S47XF23S	37.4	2	0	1	9.4	62.1
Great Heart Seed	GT-4538XFS	43.4	4	0	0	9.1	61.0
Innictis Seed Solutions	A4642XF	41.3	3	1	2	9.2	60.8
Asgrow	AG45XF3	36.2	1	1	0	9.9	60.7
Asgrow	AG46XF3	42.8	4	0	1	9.2	60.5
Pioneer	P48A04LX	40.7	2	0	3	10.3	60.3
NK Seeds	NK48-A8XFS	41.5	1	2	6	10.1	58.7
Plot average:						9.8	62.4

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

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

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

Brand	Variety	Final Height (in)	Lodging Score (0 to 10) ¹	Shattering Score (0 to 10) ¹	Green Stem Score (0 to 10) ¹	Seed Moisture (%)	Yield (bu/acre) ²
Progeny Ag	P 4947XFS	40.8	6	0	1	13.2	83.7
Asgrow	AG49XF4	38.6	3	0	0	12.8	79.1
Delta Grow Seed Co.	DG48XF33STS	35.2	3	0	0	12.3	78.8
Pioneer	P48Z70BLX	37.0	3	0	2	11.8	75.8
NK Seeds	NK49-N7XF	39.4	2	0	0	12.1	75.2
Asgrow	AG45XF3	38.4	4	0	0	12.0	73.0
Revere	4826XFS	37.0	3	0	0	11.8	72.9
Innqvist Seed Solutions	A4862XF	36.2	5	0	0	12.4	71.5
NK Seeds	NK48-A8XFS	40.8	3	0	0	12.4	70.5
Dyna-Gro	S49XF43S	41.2	3	0	2	12.8	69.4
Pioneer	P46A90LX	35.4	3	0	0	12.1	69.4
Great Heart Seed	GT-4756XF	38.4	4	0	0	11.8	69.3
Asgrow	AG46XF3	35.8	3	0	1	12.4	68.7
Dyna-Gro	S47XF23S	40.0	3	0	0	12.0	68.1
Asgrow	AG44XF4	39.4	3	0	1	11.3	65.3
Plot average:						12.2	72.7

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

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

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By **Trent Irby**, PhD, Associate Director and Professor, **Brittany Elliott**, Extension Associate II, **William Paul O’Neal**, Extension Technician, and **Paul Garrett Oswalt**, Extension Associate II, Plant and Soil Sciences.

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