

# 2021 Soybean Variety Demonstration Program

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**EXTENSION**



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During the 2021 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.

## 2021 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 (Mixed/Light Soil)	Furrow
Carroll	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Clay	MG V RR2X & XF	None
Coahoma	MG IV EARLY RR2X & XF	Furrow
Coahoma	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Hinds	MG V RR2X & XF	None
Humphreys	MG IV RR2X & XF (Clay Soil)	Furrow
Itawamba	MG IV RR2X & XF (Mixed/Light Soil)	None
Lee	MG V RR2X & XF	None
Lee	MG IV Enlist E3	None
Leflore	MG IV RR2X & XF (Mixed/Light Soil)	Furrow
Lowndes	MG V RR2X & XF	None
Madison	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 (Clay Soil)	Furrow
Oktibbeha	MG IV RR2X & XF (Mixed/Light Soil)	None
Oktibbeha	MG V RR2X & XF	None
Oktibbeha	MG IV Enlist E3	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
Sharkey	MG IV RR2X & XF (Clay Soil)	Furrow
Sunflower	MG IV RR2X & XF (Clay Soil)	Furrow
Washington	MG IV EARLY RR2X & XF	Furrow
Washington	MG IV RR2X & XF (Clay Soil)	Furrow

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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: Ben Stoker, Ben Williams, Owen Tyrone, and Paul O'Neal.

## 2021 Location Details

County	Plot Type	Planting Date	Seeding Rate	Plot Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Benton	MG IV (Mixed/Light) RR2X & XF	21-Apr	140,000	15 rows	15"	No-Till.	Arkabutla silt loam	None	18-Oct
Bolivar	MG IV EARLY RR2X & XF	30-Apr	145,000	6 twin rows	38"	Conv.	Brittain silt loam	Furrow	28-Sep
Bolivar	MG IV (Mixed/Light) RR2X & XF	24-May	135,000	6 twin rows	38"	Conv.	Forestdale silt clay loam	Furrow	20-Oct
Carroll	MG IV (Mixed/Light) RR2X & XF	29-Apr	123,000	8 rows	38"	Conv.	Alder silt loam	Furrow	14-Oct
Clay	MG V RR2X & XF	17-May	115,000	8 rows	30"	Min. Till	Griffith silty clay	None	13-Oct
Coahoma	MG IV EARLY RR2X & XF	7-May	132,000	6 twin rows	40"	Conv.	Forestdale silty clay loam	Furrow	14-Oct
Coahoma	MG IV (Mixed/Light) RR2X & XF	7-May	140,000	6 rows	40"	Conv.	Dundee silt loam	Furrow	20-Oct
Hinds	MG V RR2X & XF	24-May	110,000	6 rows	38"	Conv.	Reidtown silt loam	None	7-Oct
Humphreys	MG IV (Clay) RR2X & XF	24-May	133,000	12 rows	38"	Conv.	Alligator – Dowling clay	Furrow	14-Oct
Itawamba	MG IV (Mixed/Light) RR2X & XF	24-Jun	110,000	6 rows	38"	No-Till.	Marietta loam	None	2-Dec
Lee	MG V RR2X & XF	20-May	124,000	8 rows	38"	Conv.	Leeper silty clay loam	None	14-Oct
Lee	MG IV Enlist E3	20-May	124,000	8 rows	38"	Conv.	Leeper silty clay loam	None	14-Oct
Leflore	MG IV (Mixed/Light) RR2X & XF	29-Apr	115,000	16 rows	38"	Conv.	Dundee loam	Furrow	1-Oct
Lowndes	MG V RR2X & XF	27-May	120,000	12 rows	30"	Conv.	Leeper silty clay	None	26-Oct
Madison	MG IV (Mixed/Light) RR2X & XF	28-Apr	125,000	6 rows	30"	No-Till.	Grenada silt loam	None	27-Sep
Monroe	MG V RR2X & XF	1-Jun	120,000	6 rows	30"	No-Till.	Savannah fine sandy loam	None	2-Dec
Monroe	MG V RR2X & XF	22-May	130,000	8 rows	30"	Conv.	Houlka silty clay	None	19-Oct
Oktibbeha	MG IV EARLY RR2X & XF	25-May	130,000	2 rows	38"	Conv.	Sumter clay loam	Furrow	14-Oct
Oktibbeha	MG IV (Clay) RR2X & XF	25-May	130,000	2 rows	38"	Conv.	Sumter clay loam	Furrow	14-Oct
Oktibbeha	MG IV (Mixed/Light) RR2X & XF	26-May	130,000	2 rows	38"	Conv.	Leeper silty clay loam	None	19-Oct
Oktibbeha	MG V RR2X & XF	26-May	130,000	2 rows	38"	Conv.	Leeper silty clay loam	None	19-Oct
Oktibbeha	MG IV Enlist E3	26-May	130,000	2 rows	38"	Conv.	Leeper silty clay loam	None	14-Oct
Oktibbeha	MG IV Enlist E3	28-Apr	130,000	8 rows	38"	Conv.	Marietta fine sandy loam	None	28-Sep
Pontotoc	MG V RR2X & XF	21-May	128,000	8 rows	30"	No-Till.	Providence silt loam	None	19-Oct
Pontotoc	MG IV Enlist E3	21-May	128,000	8 rows	30"	No-Till.	Providence silt loam	None	19-Oct
Rankin	MG IV (Mixed/Light) RR2X & XF	28-Apr	133,000	10 rows	30"	Min. Till	Pelahatchie silt loam	None	11-Oct
Sharkey	MG IV (Clay) RR2X & XF	18-May	135,000	6 rows	38"	Conv.	Sharkey clay	Furrow	15-Oct
Sharkey	MG IV (Clay) RR2X & XF	18-May	138,000	6 rows	38"	Conv.	Sharkey clay	Furrow	8-Oct
Sunflower	MG IV (Clay) RR2X & XF	23-Apr	130,000	8 twin rows	38"	Conv.	Alligator clay	Furrow	23-Sep
Washington	MG IV EARLY RR2X & XF	21-May	140,000	8 twins	40"	Conv.	Sharkey clay	Furrow	12-Oct
Washington	MG IV (Clay) RR2X & XF	21-May	140,000	8 twins	40"	Conv.	Sharkey clay	Furrow	12-Oct

## Soybean Variety Characteristics

### Maturity Group IV Early Roundup Ready 2 Xtend Set

Brand	Variety	Relative Maturity	Herbicide Package <sup>1</sup>	Growth Habit <sup>2</sup>	Canopy Width <sup>3</sup>	Plant Height <sup>4</sup>	Plant Color <sup>5</sup>
Asgrow	AG43X0	4.3	RR2X/SR	I	MB	T	G
Dyna-Gro	S43XS70	4.3	RR2X/STS	I	M	MT	LT
Great Heart Seed	GT-4255XS	4.2	RR2X/STS	I	M	M	LT
Local Seed	LS4299XS	4.2	RR2X/STS	I	M	MT	LT
NK	S44-C7X	4.4	RR2X	I	MB	MT	G
Pioneer	P42A96X	4.2	RR2X	I	MB	MT	LT
Progeny	P 4505 RXS	4.5	RR2X/STS	I	B	MT	LT

<sup>1</sup> – RR2X = Roundup Ready 2 Xtend; SR/STS = sulfonylurea tolerant soybean

<sup>2</sup> – I = indeterminate; D = determinate

<sup>3</sup> – T = thin; M = medium; MB = medium-bushy; B = bushy

<sup>4</sup> – S = short; M = medium; MT = medium-tall; T = tall

<sup>5</sup> – G = gray; LT = light tawny; T = tawny

## Soybean Variety Characteristics (cont.)

### Maturity Group IV Roundup Ready 2 Xtend Set (includes both Mixed/Light and Clay soil specific varieties)

Brand	Variety	Relative Maturity	Herbicide Package <sup>1</sup>	Growth Habit <sup>2</sup>	Canopy Width <sup>3</sup>	Plant Height <sup>4</sup>	Plant Color <sup>5</sup>
Asgrow	AG45XF0	4.5	XF/SR	I	MB	MT	LT
Asgrow	AG46X6	4.6	RR2X	I	MB	MT	T
Asgrow	AG47XF0	4.7	XF/SR	I	MB	MT	T
Asgrow	AG48XF0	4.8	XF/SR	I	MB	MT	LT
Delta Grow	DG47X95 RR2X/STS	4.7	RR2X/STS	I	B	MT	G
Delta Grow	DG48X45RR2X	4.8	RR2X	I	B	M	T
Dyna-Gro	S46XS60	4.6	RR2X/STS	I	MB	MT	LT
Dyna-Gro	S48XT90	4.8	RR2X	I	MB	M	LT
Dyna-Gro	S49XT70	4.9	RR2X	I	M	MT	LT
Great Heart Seed	GT-4677XS	4.6	RR2X/STS	I	MB	MT	LT
Great Heart Seed	GT-4681XFS	4.6	XF/STS	I	M	MT	LT
Local Seed	LS4795XS	4.7	RR2X/STS	I	MB	M	LT
Local Seed	LS4806XS	4.8	RR2X/STS	I	M	M	LT
NK	S47-Y9X	4.7	RR2X	I	M	MT	LT
NK	S49-F5X	4.9	RR2X	I	MB	MT	LT
Pioneer	P46A86X	4.6	RR2X	I	MB	MT	G
Pioneer	P48A60X	4.8	RR2X	I	MB	MT	LT
Pioneer	P47A64X	4.7	RR2X	I	MB	MT	G
Progeny	P 4604 XFS	4.6	XF/STS	I	M	T	LT
Progeny	P 4806 XFS	4.8	XF/STS	I	B	MT	LT
Progeny	P 4851 RX	4.8	RR2X	I	B	T	LT
Progeny	P 4970 RX	4.9	RR2X	I	B	T	LT
USG	7489XT	4.8	RR2X	I	MB	M	LT

<sup>1</sup> – RR2X = Roundup Ready 2 Xtend; XF = XtendFlex; SR/STS = sulfonylurea tolerant soybean

<sup>2</sup> – I = indeterminate; D = determinate

<sup>3</sup> – T = thin; M = medium; MB = medium-bushy; B = bushy

<sup>4</sup> – S = short; M = medium; MT = medium-tall; T = tall

<sup>5</sup> – G = gray; LT = light tawny; T = tawny



## Soybean Variety Characteristics (cont.)

### Maturity Group V Roundup Ready 2 Xtend Set

Brand	Variety	Relative Maturity	Herbicide Package <sup>1</sup>	Growth Habit <sup>2</sup>	Canopy Width <sup>3</sup>	Plant Height <sup>4</sup>	Plant Color <sup>5</sup>
Asgrow	AG53X0	5.3	RR2X	I	MB	T	LT
Asgrow	AG55XF0	5.5	XF	D	B	MT	T
Dyna-Gro	S52XT91	5.2	RR2X	I	MB	MT	T
Dyna-Gro	S56XT99	5.6	RR2X	D	MB	T	T
Great Heart Seed	GT-5417X	5.4	RR2X	I	MB	MT	T
Local Seed	LS5009XS	5.0	RR2X/STS	I	B	T	LT
NK	S53-F7X	5.3	RR2X	I	M	T	G
Pioneer	P53A67X	5.3	RR2X	D	M	M	G
Pioneer	P55A49X	5.5	RR2X	D	MB	S	G
Progeny	P 5424 XF	5.4	XF	D	B	S	T
Progeny	P 5554 RX	5.5	RR2X	D	B	M	T

<sup>1</sup> – RR2X = Roundup Ready 2 Xtend; XF = XtendFlex; SR/STS = sulfonylurea tolerant soybean

<sup>2</sup> – I = indeterminate; D = determinate

<sup>3</sup> – T = thin; M = medium; MB = medium-bushy; B = bushy

<sup>4</sup> – S = short; M = medium; MT = medium-tall; T = tall

<sup>5</sup> – G = gray; LT = light tawny; T = tawny

## Soybean Variety Characteristics (cont.)

### Maturity Group IV Enlist E3 Set

Brand	Variety	Relative Maturity	Herbicide Package <sup>1</sup>	Growth Habit <sup>2</sup>	Canopy Width <sup>3</sup>	Plant Height <sup>4</sup>	Plant Color <sup>5</sup>
Delta Grow	DG45E10	4.5	E3	I	M	M	LT
Delta Grow	DG47E20/STS	4.7	E3/STS	I	M	MT	T
Dyna-Gro	S45ES10	4.5	E3	I	MB	MT	T
Dyna-Gro	S46ES91	4.6	E3	I	M	MT	G
Pioneer	P44T04SE	4.4	E3/STS	I	M	M	LT
Pioneer	P45T88E	4.5	E3	I	M	M	T
Pioneer	P46T51E	4.6	E3	I	M	M	G

<sup>1</sup> – E3 = Enlist; STS = sulfonylurea tolerant soybean

<sup>2</sup> – I = indeterminate; D = determinate

<sup>3</sup> – T = thin; M = medium; MB = medium-bushy; B = bushy

<sup>4</sup> – S = short; M = medium; MT = medium-tall; T = tall

<sup>5</sup> – G = gray; LT = light tawny; T = tawny

**Maturity Group IV EARLY Roundup Ready 2 Xtend & XtendFlex Varieties Summarized across Irrigated Locations**

<b>Total number of locations:</b>		<b>4</b>					
<b>Planting date range:</b>		<b>30-Apr-21 to 25-May-21</b>					
<b>Brand</b>	<b>Variety</b>	<b>Avg. Plant Height</b>	<b>Avg. Lodging Score</b>	<b>Avg. Shattering Score</b>	<b>Avg. Green Stem Score</b>	<b>Avg. Seed Moisture</b>	<b>Average Yield<sup>1</sup></b>
		<b>Inches</b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>%</b>	<b>bu/acre</b>
Local Seed Co	LS4299XS	35	2	0	1	14.3	68.6
Dyna-Gro	S43XS70	34	3	0	1	13.9	67.1
Asgrow	AG43X0	35	2	0	1	13.8	66.8
Great Heart Seed	GT-4255XS	34	2	0	1	14.2	66.5
NK	S44-C7X	31	2	0	1	13.2	63.2
Pioneer	P42A96X	34	1	0	2	15.0	61.4
Progeny	P 4505RXS	38	4	0	1	14.5	60.1
<b>Average across all irr. locations:</b>						<b>14.1</b>	<b>64.8</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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**

<b>Total number of locations:</b>		<b>4</b>					
<b>Planting date range:</b>		<b>29-Apr-21 to 24-May-21</b>					
<b>Brand</b>	<b>Variety</b>	<b>Avg. Plant Height</b>	<b>Avg. Lodging Score</b>	<b>Avg. Shattering Score</b>	<b>Avg. Green Stem Score</b>	<b>Avg. Seed Moisture</b>	<b>Average Yield<sup>1</sup></b>
		<b>Inches</b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>%</b>	<b>bu/acre</b>
Great Heart Seed	GT-4677XS	33	2	0	1	12.5	72.7
Dyna-Gro	S46XS60	32	2	0	0	12.3	72.4
Delta Grow	DG48X45RR2X	31	2	0	1	12.7	72.2
Local Seed Co	LS4795XS	33	2	0	1	12.7	71.5
Asgrow	AG47XF0	33	1	0	3	12.5	71.4
USG	7489XT	32	2	0	1	12.9	70.9
Progeny	P 4806XFS	33	2	0	2	12.6	70.3
Asgrow	AG46X6	31	3	0	0	12.2	70.2
Pioneer	P46A86X	36	2	1	0	12.8	70.1
NK	S49-F5X	31	2	0	0	13.0	69.6
NK	S47-Y9X	31	1	0	1	12.4	69.5
Dyna-Gro	S48XT90	34	2	1	1	12.7	69.3
Pioneer	P48A60X	33	1	0	0	12.3	67.4
Progeny	P 4970RX	34	3	1	1	12.9	67.2
Asgrow	AG48XF0	35	3	0	0	12.7	65.5
<b>Average across all irr. locations:</b>						<b>12.6</b>	<b>70.0</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%

<sup>2</sup>- 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:		5					
Planting date range:		21-Apr-21 to 24-Jun-21					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Great Heart Seed	GT-4677XS	33	1	0	0	13.3	58.4
Local Seed Co	LS4795XS	32	1	1	0	13.0	57.9
NK	S47-Y9X	32	1	1	0	13.1	57.9
Delta Grow	DG48X45RR2X	34	1	1	0	13.1	56.9
NK	S49-F5X	33	3	0	0	13.2	56.8
Dyna-Gro	S46XS60	34	2	1	0	13.2	56.3
Asgrow	AG47XF0	33	1	0	0	13.2	55.9
Dyna-Gro	S48XT90	34	2	0	0	13.5	55.8
USG	7489XT	33	2	1	0	13.1	55.5
Pioneer	P46A86X	38	3	1	0	13.7	54.6
Progeny	P 4806XFS	32	2	1	0	13.0	54.6
Progeny	P 4970RX	37	4	0	0	13.1	53.9
Asgrow	AG46X6	33	3	1	0	13.1	53.5
Pioneer	P48A60X	30	2	1	0	12.7	50.9
Asgrow	AG48XF0	35	2	1	0	13.0	50.7
<b>Average across all non-irr. locations:</b>						<b>13.2</b>	<b>55.3</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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**

<b>Total number of locations:</b>		<b>6</b>					
<b>Planting date range:</b>		<b>23-Apr-21 to 25-May-21</b>					
Brand	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Shattering Score	Avg. Green Stem Score	Avg. Seed Moisture	Average Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P47A64X	37	3	0	0	13.2	68.2
Dyna-Gro	S48XT90	35	2	0	0	14.0	67.3
Asgrow	AG46X6	33	3	1	0	13.2	67.2
USG	7489XT	33	2	0	1	12.9	67.0
Pioneer	P46A86X	36	3	0	0	14.3	66.9
NK	S49-F5X	33	2	0	0	13.0	66.9
Asgrow	AG47XF0	34	2	0	0	13.3	66.6
Dyna-Gro	S49XT70	36	2	0	0	13.3	65.8
Delta Grow	DG47X95RR2X/STS	37	3	0	0	13.9	65.4
Progeny	P 4604XFS	37	3	0	0	13.2	65.0
Asgrow	AG45XF0	34	3	1	0	14.0	64.6
Progeny	P 4851RX	36	6	1	1	13.2	64.2
Local Seed Co	LS4806XS	35	2	0	0	13.5	63.6
Great Heart Seed	GT-4681XFS	34	2	0	0	13.3	63.1
<b>Average across all irr. locations:</b>						<b>13.4</b>	<b>65.8</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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**

<b>Total number of locations:</b>		<b>8</b>					
<b>Planting date range:</b>		<b>17-May-21 to 1-Jun-21</b>					
<b>Brand</b>	<b>Variety</b>	<b>Avg. Plant Height</b>	<b>Avg. Lodging Score</b>	<b>Avg. Shattering Score</b>	<b>Avg. Green Stem Score</b>	<b>Avg. Seed Moisture</b>	<b>Average Yield<sup>1</sup></b>
		<b>Inches</b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>%</b>	<b>bu/acre</b>
Pioneer	P55A49X	23	0	0	1	12.9	60.6
Pioneer	P53A67X	26	2	0	0	12.9	58.5
Dyna-Gro	S56XT99	29	2	0	1	13.0	56.1
Asgrow	AG55XF0	30	2	0	1	12.8	55.2
Progeny	P 5424XF	27	1	1	1	12.7	54.9
Progeny	P 5554RX	29	1	0	1	13.0	54.8
Local Seed Co	LS5009XS	31	3	0	1	12.9	54.7
Asgrow	AG53X0	35	2	0	1	13.2	54.5
Dyna-Gro	S52XT91	32	2	0	0	13.1	54.0
Great Heart Seed	GT-5417X	30	2	0	1	13.2	53.9
NK	S53-F7X	32	2	0	1	13.0	53.6
<b>Average across all non-irr. locations:</b>						<b>13.0</b>	<b>55.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Maturity Group IV Enlist E3 Varieties Summarized across Non-irrigated Locations**

<b>Total number of locations:</b>		<b>4</b>					
<b>Planting date range:</b>		<b>28-Apr-21 to 26-May-21</b>					
<b>Brand</b>	<b>Variety</b>	<b>Avg. Plant Height</b>	<b>Avg. Lodging Score</b>	<b>Avg. Shattering Score</b>	<b>Avg. Green Stem Score</b>	<b>Avg. Seed Moisture</b>	<b>Average Yield<sup>1</sup></b>
		<b>Inches</b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>0 to 10<sup>2</sup></b>	<b>%</b>	<b>bu/acre</b>
Pioneer	P46T51E	33	1	0	1	13.4	58.7
Delta Grow	DG45E10	32	1	0	0	13.3	58.3
Dyna-Gro	S45ES10	35	2	0	1	12.8	57.6
Dyna-Gro	S46ES91	39	1	0	0	13.6	54.1
Pioneer	P44T04SE	33	3	0	0	13.4	53.8
Pioneer	P45T88E	33	2	0	1	12.7	52.6
Delta Grow	DG47E20/STS	40	2	0	1	13.4	52.2
<b>Average across all non-irr. locations:</b>						<b>13.2</b>	<b>55.3</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Great Heart Seed	GT-4677XS	51	2	0	0	15.1	84.3
NK	S47-Y9X	43	1	0	0	14.7	83.3
Local Seed Co	LS4795XS	43	1	0	0	14.6	76.0
Dyna-Gro	S46XS60	50	2	0	0	14.8	74.5
Asgrow	AG47XF0	45	2	0	0	15.4	73.2
Dyna-Gro	S48XT90	47	5	0	0	14.5	71.9
NK	S49-F5X	42	6	0	0	14.5	69.0
Asgrow	AG48XF0	47	5	0	0	15.0	69.0
Asgrow	AG46X6	47	4	0	0	14.5	67.6
Pioneer	P46A86X	50	4	0	0	15.6	67.3
Progeny	P 4806XFS	46	7	0	0	14.6	66.7
USG	7489XT	46	4	0	0	14.8	65.9
Progeny	P 4970RX	47	7	0	0	14.1	65.5
Delta Grow	DG48X45RR2X	44	1	0	0	14.6	65.4
<b>Plot Average:</b>						<b>14.8</b>	<b>71.6</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Local Seed Co	LS4299XS	47	2	0	0	13.9	86.1
Great Heart Seed	GT-4255XS	45	2	0	0	13.7	85.3
Dyna-Gro	S43XS70	46	3	0	0	14.2	83.0
Asgrow	AG43X0	49	3	0	0	13.6	80.8
Pioneer	P42A96X	45	1	0	0	13.8	79.5
NK	S44-C7X	44	2	1	0	13.9	77.6
Progeny	P 4505RXS	50	5	1	0	14.6	71.5
<b>Plot Average:</b>						<b>14.0</b>	<b>80.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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**

Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>	
							Inches
Asgrow	AG47XF0	36	0	0	0	9.8	74.9
Delta Grow	DG48X45RR2X	26	1	0	0	10.1	74.7
USG	7489XT	28	2	0	0	9.9	74.4
NK	S49-F5X	30	2	0	0	10.1	74.3
Asgrow	AG46X6	29	2	0	0	10.4	73.8
Progeny	P 4806XFS	30	1	0	0	9.5	73.5
Pioneer	P46A86X	36	1	0	0	10.5	72.9
Local Seed Co	LS4795XS	34	1	0	0	9.6	72.4
Great Heart Seed	GT-4677XS	32	1	0	0	10.1	72.1
NK	S47-Y9X	32	1	0	0	9.9	72.1
Progeny	P 4970RX	27	1	0	0	9.8	71.9
Dyna-Gro	S48XT90	27	2	0	0	10.2	71.3
Dyna-Gro	S46XS60	31	1	0	0	10.0	70.3
Pioneer	P48A60X	28	1	0	0	9.7	66.8
Asgrow	AG48XF0	34	1	0	0	10.0	64.6
<b>Plot Average:</b>						<b>10.0</b>	<b>72.0</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Local Seed Co	LS4795XS	34	2	0	0	14.5	69.8
Progeny	P 4806XFS	36	3	0	2	14.3	68.9
Great Heart Seed	GT-4677XS	36	2	0	0	13.7	68.7
Dyna-Gro	S46XS60	32	3	0	0	13.5	68.5
Asgrow	AG46X6	30	4	1	0	12.7	68.0
Pioneer	P48A60X	36	2	0	0	14.3	66.8
NK	S47-Y9X	32	1	0	0	14.1	66.0
Dyna-Gro	S48XT90	40	2	0	2	15.2	65.8
Asgrow	AG47XF0	35	1	0	3	14.2	64.8
Pioneer	P46A86X	37	4	0	0	14.4	64.3
Delta Grow	DG48X45RR2X	33	2	0	3	14.4	64.1
USG	7489XT	34	3	0	1	14.8	63.3
Asgrow	AG48XF0	40	3	0	1	14.5	62.4
NK	S49-F5X	31	1	0	1	14.8	62.0
Progeny	P 4970RX	39	4	0	0	15.2	60.6
<b>Plot Average:</b>						<b>14.3</b>	<b>65.6</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P55A49X	19	1	0	5	12.8	70.9
Pioneer	P53A67X	29	1	0	0	12.5	67.2
Local Seed Co	LS5009XS	41	2	0	4	13.4	62.7
Progeny	P 5424XF	30	2	0	4	12.7	61.2
Progeny	P 5554RX	25	1	0	4	12.3	61.0
Dyna-Gro	S56XT99	27	2	0	5	12.4	59.0
NK	S53-F7X	22	1	0	5	11.8	58.2
Asgrow	AG55XF0	21	2	0	3	11.6	57.5
Great Heart Seed	GT-5417X	21	1	0	4	12.4	55.4
Asgrow	AG53X0	33	1	0	5	12.9	52.3
Dyna-Gro	S52XT91	34	1	0	1	12.2	50.6
<b>Plot Average:</b>						<b>12.5</b>	<b>58.2</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Local Seed Co	LS4299XS	30	2	0	1	13.3	69.7
Asgrow	AG43X0	26	2	0	1	12.7	68.8
Great Heart Seed	GT-4255XS	26	2	0	1	13.1	68.1
Dyna-Gro	S43XS70	28	4	0	1	12.9	67.3
Pioneer	P42A96X	28	1	0	3	12.8	63.7
NK	S44-C7X	19	2	0	2	13.4	63.0
Progeny	P 4505RXS	24	5	0	2	13.5	50.6
<b>Plot Average:</b>						<b>13.1</b>	<b>64.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Coahoma 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Dyna-Gro	S46XS60	29	1	0	0	12.1	76.0
Great Heart Seed	GT-4677XS	28	2	0	2	12.3	75.5
Delta Grow	DG48X45RR2X	29	2	0	2	12.6	75.1
NK	S47-Y9X	26	2	0	2	12.6	71.2
NK	S49-F5X	32	3	0	0	12.9	71.2
Asgrow	AG47XF0	28	0	0	9	12.5	69.5
USG	7489XT	32	2	0	3	12.7	69.5
Local Seed Co	LS4795XS	26	1	0	2	12.1	69.1
Pioneer	P46A86X	30	1	1	0	12.8	68.1
Asgrow	AG48XF0	27	3	0	0	12.3	68.0
Dyna-Gro	S48XT90	32	2	0	1	12.1	67.6
Asgrow	AG46X6	28	0	0	0	11.8	67.3
Progeny	P 4806XFS	29	1	0	6	13.0	64.7
Pioneer	P48A60X	33	1	0	0	12.3	63.9
Progeny	P 4970RX	29	3	1	2	12.9	63.3
<b>Plot Average:</b>						<b>12.5</b>	<b>69.3</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P55A49X	23	1	0	0	13.1	67.7
Asgrow	AG53X0	47	4	0	0	12.7	63.0
Pioneer	P53A67X	32	1	0	0	12.5	63.0
Local Seed Co	LS5009XS	35	6	0	0	12.4	61.6
Progeny	P 5554RX	30	3	0	0	13.1	57.8
Dyna-Gro	S56XT99	36	3	0	0	13.5	56.1
Dyna-Gro	S52XT91	41	4	0	0	12.4	55.8
Asgrow	AG55XF0	42	2	0	0	12.7	55.4
NK	S53-F7X	41	4	0	0	11.9	53.6
Great Heart Seed	GT-5417X	41	4	0	0	13.2	53.1
Progeny	P 5424XF	30	1	0	0	12.3	46.8
<b>Plot Average:</b>						<b>12.8</b>	<b>57.2</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>		
Pioneer	P47A64X	35	2	0	0	14.0	72.6
Dyna-Gro	S48XT90	32	3	0	0	13.8	69.9
NK	S49-F5X	26	2	0	0	13.1	69.8
Delta Grow	DG47X95RR2X/STS	31	3	0	0	13.9	69.0
USG	7489XT	31	1	0	2	13.2	68.5
Local Seed Co	LS4806XS	33	1	0	0	13.3	67.1
Dyna-Gro	S49XT70	37	2	0	0	13.3	67.0
Asgrow	AG46X6	30	2	0	0	13.8	66.2
Progeny	P 4604XFS	31	2	0	0	13.9	66.1
Asgrow	AG47XF0	31	1	0	0	13.8	66.0
Great Heart Seed	GT-4681XFS	30	1	0	0	14.4	65.7
Pioneer	P46A86X	31	2	0	0	15.0	65.7
Progeny	P 4851RX	32	7	0	0	13.2	62.7
Asgrow	AG45XF0	33	3	0	0	15.5	58.9
<b>Plot Average:</b>						<b>13.9</b>	<b>66.8</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Itawamba 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Delta Grow	DG48X45RR2X	29	1	0	0	12.7	48.9
USG	7489XT	26	1	0	0	13.1	48.4
Pioneer	P46A86X	36	1	0	0	13.5	47.7
Progeny	P 4970RX	31	1	0	0	12.9	47.7
Great Heart Seed	GT-4677XS	29	1	0	0	13.1	47.5
Local Seed Co	LS4795XS	26	1	0	0	12.8	47.3
Asgrow	AG46X6	26	2	0	0	12.4	46.4
Dyna-Gro	S46XS60	27	1	0	0	12.8	46.1
Dyna-Gro	S48XT90	29	1	0	0	13.4	45.3
Asgrow	AG48XF0	33	1	0	0	13.0	44.4
Asgrow	AG47XF0	26	1	0	0	12.5	42.2
NK	S49-F5X	29	1	0	0	13.5	42.0
Progeny	P 4806XFS	27	1	0	0	13.0	41.4
NK	S47-Y9X	33	1	0	0	13.0	41.0
Pioneer	P48A60X	28	1	0	0	12.8	38.1
<b>Plot Average:</b>						<b>13.0</b>	<b>45.0</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P55A49X	25	0	0	2	13.9	67.8
Pioneer	P53A67X	29	0	0	0	13.4	64.1
Progeny	P 5424XF	22	0	0	1	13.8	61.6
Progeny	P 5554RX	32	1	0	1	13.9	61.5
Dyna-Gro	S56XT99	30	2	0	0	14.0	61.5
Asgrow	AG55XF0	29	0	0	2	13.8	58.7
Asgrow	AG53X0	33	3	0	2	14.4	55.4
NK	S53-F7X	30	5	0	2	14.2	55.0
Great Heart Seed	GT-5417X	30	2	0	0	14.1	54.5
Dyna-Gro	S52XT91	31	5	0	1	14.4	54.3
Local Seed Co	LS5009XS	31	1	0	2	14.1	51.0
<b>Plot Average:</b>						<b>14.0</b>	<b>58.3</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Lee County – Non-Irrigated  
Maturity Group IV Enlist E3**

Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P46T51E	29	2	0	1	14.4	48.8
Delta Grow	DG45E10	27	2	0	1	14.1	47.8
Pioneer	P44T04SE	26	4	0	1	14.2	43.4
Dyna-Gro	S45ES10	31	2	0	1	13.6	42.7
Delta Grow	DG47E20/STS	39	1	1	1	15.0	39.4
Pioneer	P45T88E	30	1	0	2	13.9	38.9
Dyna-Gro	S46ES91	38	1	1	0	14.6	38.8
<b>Plot Average:</b>						<b>14.3</b>	<b>42.8</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
USG	7489XT	36	2	1	0	14.0	76.5
Asgrow	AG47XF0	34	1	0	0	13.5	76.3
Pioneer	P46A86X	41	3	1	0	13.4	75.3
Delta Grow	DG48X45RR2X	36	2	1	0	13.5	74.9
Dyna-Gro	S46XS60	34	3	0	0	13.5	74.7
Great Heart Seed	GT-4677XS	35	3	0	0	13.7	74.4
Progeny	P 4806XFS	35	2	1	0	13.6	73.9
Progeny	P 4970RX	42	3	1	0	13.7	72.8
Dyna-Gro	S48XT90	38	3	2	0	13.4	72.7
Local Seed Co	LS4795XS	36	2	0	0	13.9	72.5
Pioneer	P48A60X	34	1	1	0	13.0	72.0
Asgrow	AG46X6	35	5	0	0	13.7	71.8
NK	S49-F5X	33	1	1	0	14.0	70.8
NK	S47-Y9X	35	1	0	0	13.6	70.7
Asgrow	AG48XF0	38	4	1	0	13.9	66.9
<b>Plot Average:</b>						<b>13.6</b>	<b>73.1</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P53A67X	20	0	0	0	13.7	57.2
Dyna-Gro	S52XT91	23	1	0	0	14.4	56.4
Great Heart Seed	GT-5417X	22	1	1	0	13.8	55.3
Local Seed Co	LS5009XS	25	5	0	0	14.5	54.6
NK	S53-F7X	27	1	0	0	14.5	54.1
Progeny	P 5424XF	21	0	3	1	13.2	52.5
Pioneer	P55A49X	19	0	0	0	13.4	51.2
Asgrow	AG53X0	29	1	1	0	14.3	49.4
Progeny	P 5554RX	23	0	1	0	13.3	49.3
Asgrow	AG55XF0	24	2	0	0	13.4	49.2
Dyna-Gro	S56XT99	19	0	1	0	13.2	46.9
<b>Plot Average:</b>						<b>13.8</b>	<b>52.4</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Madison 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
NK	S47-Y9X	30	3	1	0	11.7	75.4
Local Seed Co	LS4795XS	34	4	1	0	11.2	75.2
Asgrow	AG47XF0	34	2	1	0	11.1	73.7
Dyna-Gro	S46XS60	37	3	1	0	11.7	73.5
NK	S49-F5X	36	7	1	0	11.9	73.5
Delta Grow	DG48X45RR2X	36	4	1	0	11.7	73.2
Dyna-Gro	S48XT90	36	4	1	0	11.4	72.6
Pioneer	P48A60X	35	4	1	0	11.6	71.8
USG	7489XT	34	3	1	0	11.7	69.7
Progeny	P 4806XFS	35	2	1	0	11.8	69.2
Great Heart Seed	GT-4677XS	33	3	1	0	11.6	69.1
Asgrow	AG46X6	33	8	2	0	11.6	68.6
Pioneer	P46A86X	40	6	1	0	11.8	67.2
Progeny	P 4970RX	39	8	2	0	11.9	66.1
Asgrow	AG48XF0	33	3	1	0	11.1	57.2
<b>Plot Average:</b>						<b>11.6</b>	<b>70.4</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Local Seed Co	LS5009XS	31	4	2	0	12.8	55.1
Dyna-Gro	S52XT91	30	3	1	0	13.1	59.5
Asgrow	AG53X0	35	3	2	0	13.0	55.3
NK	S53-F7X	34	3	2	0	13.4	59.6
Pioneer	P53A67X	21	1	1	0	13.0	57.6
Great Heart Seed	GT-5417X	34	3	1	0	13.9	58.5
Progeny	P 5424XF	28	1	1	0	12.9	55.2
Asgrow	AG55XF0	29	2	1	0	13.3	58.2
Pioneer	P55A49X	26	1	1	0	13.2	60.6
Progeny	P 5554RX	29	2	1	0	13.3	59.0
Dyna-Gro	S56XT99	27	2	1	0	12.8	57.8
<b>Plot Average:</b>						<b>13.1</b>	<b>56.9</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Dyna-Gro	S56XT99	24	1	0	0	14.5	52.7
Pioneer	P55A49X	19	0	0	0	13.2	52.5
Asgrow	AG55XF0	32	1	0	0	14.1	46.2
Asgrow	AG53X0	31	2	0	0	15.1	45.6
Dyna-Gro	S52XT91	27	2	0	0	14.4	43.9
Pioneer	P53A67X	25	2	0	0	14.7	43.7
Progeny	P 5424XF	22	1	0	0	13.1	43.4
Great Heart Seed	GT-5417X	26	2	0	0	14.4	42.4
Local Seed Co	LS5009XS	28	1	0	0	13.0	41.6
Progeny	P 5554RX	24	1	0	0	14.2	34.6
NK	S53-F7X	33	2	0	0	14.6	34.6
<b>Plot Average:</b>						<b>14.1</b>	<b>43.7</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

Oktribbeha 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Asgrow	AG43X0	32	1	0	0	15.9	47.0
Local Seed Co	LS4299XS	32	1	0	1	17.1	46.1
Dyna-Gro	S43XS70	31	1	0	0	16.0	45.6
Progeny	P 4505RXS	35	2	0	1	17.3	44.0
Great Heart Seed	GT-4255XS	31	1	0	1	16.8	41.0
NK	S44-C7X	31	0	0	1	13.1	40.3
Pioneer	P42A96X	29	0	0	1	20.7	35.3
<b>Plot Average:</b>						<b>16.7</b>	<b>42.6</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Oktober 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Dyna-Gro	S49XT70	38	0	0	1	16.6	45.3
Progeny	P 4604XFS	37	1	0	0	13.8	44.2
USG	7489XT	32	0	0	1	16.2	44.2
Dyna-Gro	S48XT90	34	0	0	1	19.0	41.9
Local Seed Co	LS4806XS	37	1	0	1	16.6	41.8
NK	S49-F5X	35	2	0	1	14.9	40.5
Asgrow	AG46X6	34	2	0	0	14.8	39.7
Asgrow	AG47XF0	32	0	0	1	14.3	39.7
Delta Grow	DG47X95RR2X/STS	34	0	0	1	18.2	39.6
Asgrow	AG45XF0	35	3	0	0	15.5	37.4
Pioneer	P46A86X	36	1	0	0	18.2	37.0
Great Heart Seed	GT-4681XFS	33	0	0	0	13.8	35.6
Progeny	P 4851RX	35	4	0	2	14.7	35.5
<b>Plot Average:</b>						<b>15.9</b>	<b>40.2</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P48A60X	31	0	0	0	11.0	52.1
NK	S49-F5X	31	0	0	0	11.6	50.3
Delta Grow	DG48X45RR2X	32	0	0	1	11.5	49.6
Progeny	P 4970RX	32	0	0	1	12.3	49.4
Progeny	P 4806XFS	30	0	0	2	11.4	47.9
USG	7489XT	29	0	0	1	12.0	46.7
Local Seed Co	LS4795XS	29	0	0	1	11.6	46.6
Dyna-Gro	S48XT90	29	0	0	1	12.3	46.6
Pioneer	P46A86X	33	0	0	1	12.7	45.3
Asgrow	AG47XF0	29	0	0	1	11.3	44.5
Great Heart Seed	GT-4677XS	28	0	0	1	11.5	44.2
Asgrow	AG48XF0	32	0	0	0	11.2	42.0
Dyna-Gro	S46XS60	28	0	0	0	11.6	40.4
Asgrow	AG46X6	30	0	0	0	11.4	39.5
NK	S47-Y9X	28	0	0	0	11.5	39.5
<b>Plot Average:</b>						<b>11.7</b>	<b>45.6</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Asgrow	AG55XF0	29	0	0	1	10.7	52.4
Progeny	P 5424XF	34	0	0	1	11.3	52.1
Asgrow	AG53X0	34	0	0	1	11.1	51.8
Dyna-Gro	S56XT99	31	0	0	1	11.0	50.8
Pioneer	P55A49X	30	0	0	1	11.2	50.2
Progeny	P 5554RX	33	0	0	1	11.2	50.1
Pioneer	P53A67X	31	1	0	0	11.1	49.9
Local Seed Co	LS5009XS	29	1	0	0	11.1	49.6
Dyna-Gro	S52XT91	32	0	0	0	11.0	48.6
NK	S53-F7X	31	0	1	1	11.5	48.5
Great Heart Seed	GT-5417X	31	0	0	0	10.6	47.1
<b>Plot Average:</b>						<b>11.0</b>	<b>50.1</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

Oktibbeha County – Non-Irrigated Maturity Group IV Enlist E3							
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Dyna-Gro	S45ES10	31	0	0	1	11.3	50.6
Pioneer	P46T51E	29	0	0	0	12.4	48.8
Delta Grow	DG45E10	28	0	0	0	12.5	47.6
Pioneer	P44T04SE	31	1	0	0	12.5	46.4
Dyna-Gro	S46ES91	34	0	0	0	12.3	46.2
Delta Grow	DG47E20/STS	33	1	0	0	12.0	45.7
Pioneer	P45T88E	29	0	0	0	11.2	45.6
<b>Plot Average:</b>						<b>12.0</b>	<b>47.3</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

Oktribbeha County – Non-Irrigated Maturity Group IV Enlist E3							
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P46T51E	48	2	0	0	13.0	72.3
Dyna-Gro	S45ES10	45	4	0	0	13.4	71.6
Delta Grow	DG45E10	46	2	0	0	13.2	70.6
Dyna-Gro	S46ES91	47	3	0	0	13.6	69.6
Pioneer	P45T88E	47	2	0	0	12.3	64.4
Delta Grow	DG47E20/STS	48	4	0	0	12.9	63.1
Pioneer	P44T04SE	46	3	0	0	13.4	60.9
<b>Plot Average:</b>						<b>13.1</b>	<b>67.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Progeny	P 5424XF	30	1	0	1	12.4	66.4
Pioneer	P53A67X	25	6	0	0	12.1	65.6
NK	S53-F7X	38	1	0	1	12.4	65.1
Great Heart Seed	GT-5417X	35	3	0	1	12.9	65.1
Progeny	P 5554RX	36	3	0	2	12.4	64.8
Pioneer	P55A49X	26	0	0	1	12.7	64.2
Asgrow	AG55XF0	32	4	0	2	12.7	63.9
Dyna-Gro	S56XT99	37	3	0	2	12.9	63.7
Asgrow	AG53X0	38	3	0	2	12.4	63.1
Dyna-Gro	S52XT91	34	1	0	1	12.8	62.8
Local Seed Co	LS5009XS	31	4	0	2	12.2	61.6
<b>Plot Average:</b>						<b>12.5</b>	<b>64.2</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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



Pontotoc County – Non-Irrigated Maturity Group IV Enlist E3							
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Delta Grow	DG45E10	27	1	0	0	13.5	67.2
Dyna-Gro	S45ES10	32	1	0	2	12.9	65.4
Pioneer	P46T51E	26	1	0	1	13.8	65.0
Pioneer	P44T04SE	27	4	0	0	13.6	64.5
Dyna-Gro	S46ES91	36	1	0	1	13.8	61.8
Pioneer	P45T88E	28	4	0	1	13.4	61.7
Delta Grow	DG47E20/STS	40	2	0	1	13.8	60.8
<b>Plot Average:</b>						<b>13.5</b>	<b>63.8</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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

**Rankin – 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
NK	S47-Y9X	27	1	2	0	14.7	50.6
NK	S49-F5X	28	3	0	0	14.3	49.2
Progeny	P 4806XFS	25	1	3	0	14.1	47.6
Delta Grow	DG48X45RR2X	29	1	2	0	15.1	47.3
Dyna-Gro	S46XS60	28	2	3	0	15.1	47.1
Great Heart Seed	GT-4677XS	25	1	0	0	15.4	47.1
USG	7489XT	28	2	3	0	14.0	46.9
Asgrow	AG47XF0	30	2	1	0	15.7	46.1
Pioneer	P46A86X	32	2	2	0	14.7	45.5
Asgrow	AG46X6	30	2	3	0	15.8	45.3
Local Seed Co	LS4795XS	27	1	3	0	14.8	44.6
Dyna-Gro	S48XT90	28	1	1	0	15.7	42.7
Pioneer	P48A60X	26	1	3	0	15.5	41.6
Progeny	P 4970RX	36	2	0	0	14.5	40.9
Asgrow	AG48XF0	28	1	3	0	14.8	40.8
<b>Plot Average:</b>						<b>14.9</b>	<b>45.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Pioneer	P46A86X	37	5	0	0	14.6	68.5
Asgrow	AG46X6	31	4	0	0	14.8	63.9
Asgrow	AG47XF0	34	2	0	0	14.1	63.7
Progeny	P 4851RX	37	8	0	0	14.5	63.6
Dyna-Gro	S48XT90	34	4	0	0	14.4	63.5
USG	7489XT	29	2	0	0	13.6	62.4
Dyna-Gro	S49XT70	28	3	0	0	13.2	60.4
Delta Grow	DG47X95RR2X/STS	33	6	0	0	13.9	59.7
NK	S49-F5X	29	2	0	0	13.4	59.0
Progeny	P 4604XFS	38	5	0	0	14.4	56.8
Great Heart Seed	GT-4681XFS	34	3	0	0	14.2	55.9
Pioneer	P47A64X	36	4	0	0	15.0	54.2
Local Seed Co	LS4806XS	33	3	0	0	15.0	53.0
<b>Plot Average:</b>						<b>14.2</b>	<b>60.4</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Asgrow	AG45XF0	28	2	1	0	13.8	73.7
Pioneer	P46A86X	32	2	1	0	12.9	70.7
Asgrow	AG47XF0	28	1	1	0	12.4	69.2
Pioneer	P47A64X	36	1	0	0	12.0	69.0
NK	S49-F5X	31	0	0	0	11.6	68.8
Asgrow	AG46X6	27	2	2	0	11.8	67.6
Delta Grow	DG47X95RR2X/STS	36	2	0	0	12.2	66.7
Progeny	P 4851RX	32	5	2	1	11.7	66.5
Dyna-Gro	S48XT90	31	1	0	0	12.1	65.6
Dyna-Gro	S49XT70	35	0	0	0	11.6	65.2
Progeny	P 4604XFS	34	2	0	0	12.3	65.0
USG	7489XT	29	1	0	0	9.5	64.1
Great Heart Seed	GT-4681XFS	33	2	1	0	12.7	63.6
Local Seed Co	LS4806XS	32	1	0	0	12.2	61.9
<b>Plot Average:</b>						<b>12.1</b>	<b>67.0</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Asgrow	AG46X6	36	4	1	0	12.0	89.4
NK	S49-F5X	37	2	1	0	13.3	89.2
Progeny	P 4604XFS	42	3	1	0	12.5	89.0
Dyna-Gro	S48XT90	41	3	1	0	12.5	88.1
Great Heart Seed	GT-4681XFS	33	3	1	0	12.3	88.0
Asgrow	AG47XF0	37	3	1	0	12.2	86.7
Progeny	P 4851RX	40	5	1	0	12.4	86.6
Pioneer	P46A86X	41	4	1	0	12.5	86.1
Dyna-Gro	S49XT70	39	2	1	0	13.6	85.5
Local Seed Co	LS4806XS	36	2	1	0	12.4	85.0
Delta Grow	DG47X95RR2X/STS	43	4	1	0	12.7	84.3
USG	7489XT	42	4	1	0	13.4	83.9
Asgrow	AG45XF0	39	2	2	0	12.3	83.3
<b>Plot Average:</b>						<b>12.6</b>	<b>86.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 & Xtend Flex							
Brand	Variety	Final Height	Lodging Score	Shattering Score	Green Stem Score	Seed Moisture	Yield <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
Progeny	P 4505RXS	42	4	0	1	12.7	74.1
Local Seed Co	LS4299XS	32	2	0	0	13.1	72.5
Dyna-Gro	S43XS70	32	3	0	1	12.5	72.5
NK	S44-C7X	32	2	0	1	12.4	71.9
Great Heart Seed	GT-4255XS	36	2	0	1	13.2	71.7
Asgrow	AG43X0	32	2	0	2	13.1	70.7
Pioneer	P42A96X	33	1	0	5	12.5	67.2
<b>Plot Average:</b>						<b>12.8</b>	<b>71.5</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

<sup>2</sup>- 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 <sup>1</sup>
		Inches	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	0 to 10 <sup>2</sup>	%	bu/acre
USG	7489XT	38	2	0	1	11.8	79.1
Pioneer	P47A64X	41	4	0	0	11.9	76.8
Asgrow	AG46X6	38	4	0	0	11.8	76.5
Dyna-Gro	S48XT90	41	2	0	1	12.4	74.5
Asgrow	AG47XF0	40	2	0	1	12.7	74.3
NK	S49-F5X	38	3	0	1	11.7	74.1
Pioneer	P46A86X	41	2	0	1	12.4	73.6
Delta Grow	DG47X95RR2X/STS	41	4	0	0	12.4	73.2
Local Seed Co	LS4806XS	38	2	0	1	11.7	72.6
Dyna-Gro	S49XT70	41	2	0	0	11.6	71.3
Progeny	P 4851RX	42	5	0	0	12.7	70.3
Asgrow	AG45XF0	40	4	0	1	13.0	69.8
Great Heart Seed	GT-4681XFS	38	3	0	1	12.2	69.5
Progeny	P 4604XFS	38	3	0	1	12.0	68.7
<b>Plot Average:</b>						<b>12.2</b>	<b>73.2</b>

<sup>1</sup>- Soybean yield adjusted to standard moisture content of 13.0%.

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