



**MISSISSIPPI STATE UNIVERSITY™**  
 MS AGRICULTURAL AND  
 FORESTRY EXPERIMENT STATION

**Summary of Yield for Group IV Late Xtend/XtendFlex for the 2024 Mississippi Soybean Variety Trials.**

Brand	Variety	Brooksville	Clarksdale	Longwood	Stoneville	Stoneville	Irr.	Brooksville	Olive Branch	Raymond	Stoneville	Tippo	Verona	Non-Irr.	Overall
		Irr.	Irr.	Irr.	Irr.	Irr.	average	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	average
		(clay)	(clay)	(clay)	(loam)	(clay)		(clay)	(loam)	(loam)	(loam)	(loam)	(clay)		
		bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A
Armor	48-F25S	103.2	**	78.5	95.7	95.1	93.1	58.6	74.3	78.7	46.1	**	**	64.4	78.8
Armor	48-F55S	96.4	94.4	84.6	87.8	92.5	91.2	73.2	75.3	79.1	57.3	51.5	57.5	65.6	68.8
Asgrow	AG49XF4	101.2	92.2	77.5	96.3	95.0	92.5	47.6	72.3	79.8	57.4	42.7	73.4	62.2	67.3
Delta Grow	47XF90STS	78.4	72.4	80.6	89.9	79.3	80.1	51.5	63.5	82.2	42.1	38.0	73.6	58.5	61.1
Delta Grow	48XF33STS	90.8	85.3	86.2	92.8	96.1	90.2	58.6	64.2	75.3	72.1	47.4	69.8	64.6	67.5
Delta Grow	48XF70STS	96.2	90.3	91.1	83.6	98.2	91.9	66.2	75.0	78.2	71.0	46.5	79.7	69.4	70.7
Delta Grow	48XF80RKN	82.2	85.8	71.4	96.0	84.9	84.1	58.9	65.5	73.9	49.1	37.7	69.4	59.1	62.7
Delta Grow	49XF85/STS	85.3	74.5	83.5	91.1	77.8	82.4	52.0	60.2	71.0	42.5	45.3	53.8	54.1	59.9
Don Mario	DM48F53	89.7	90.6	80.6	99.7	91.5	90.4	48.3	69.1	73.4	51.7	45.3	66.7	59.1	65.0
Dyna-Gro	S47XF23S	97.9	90.7	82.4	92.0	87.4	90.1	53.0	67.4	67.2	50.2	50.3	58.2	57.7	64.5
Dyna-Gro	S48XF35	101.3	86.4	88.9	99.7	94.1	94.1	48.6	76.8	73.5	49.9	47.4	56.0	58.7	66.2
Dyna-Gro	S49XF43S	92.0	84.7	81.3	103.3	86.9	89.6	61.7	68.6	81.8	55.5	54.1	55.8	62.9	67.2
Gateway Seed	473XFS	97.7	84.6	85.9	93.2	85.2	89.3	62.1	64.2	83.5	58.6	40.5	67.4	62.7	67.1
Gateway Seed	479XFS	97.3	91.0	87.9	100.1	97.8	94.8	62.8	67.1	86.1	55.6	46.1	80.2	66.3	70.4
Gateway Seed	487XFS	97.0	90.9	86.4	97.6	94.5	93.3	63.4	78.2	88.1	57.2	51.0	83.8	70.3	72.1
Great Heart	GT-4756XF	92.0	88.7	74.9	96.2	91.6	88.7	50.3	60.0	65.9	42.9	50.3	56.9	54.4	61.7
Great Heart	GT-4762XF	94.3	87.6	80.4	97.2	93.9	90.7	51.9	59.4	77.6	44.6	46.2	55.4	55.8	63.2
Great Heart	GT-4791XF	97.0	95.6	89.9	102.6	93.7	95.8	66.4	69.9	78.0	52.7	49.2	66.1	63.7	69.8
Great Heart	GT-4867XF	95.8	104.6	93.6	106.9	98.5	99.9	45.1	69.4	73.6	51.5	52.8	54.8	57.9	68.0
Innkvictis	A4814XF	85.1	89.0	81.7	110.4	89.6	91.2	55.2	71.8	79.6	53.4	44.4	55.0	59.9	66.0
Innkvictis	A4862XF	88.2	101.2	97.3	106.8	94.7	97.6	53.4	70.7	81.6	55.3	48.7	56.9	61.1	69.1
Innkvictis	A4924XF	90.5	85.5	80.8	93.5	90.6	88.2	62.5	68.3	73.1	47.9	51.7	56.0	59.9	64.5
Integra	XF4875S	97.5	92.2	97.9	101.0	96.5	97.0	64.5	79.0	85.7	55.5	43.9	72.7	66.9	71.8
Integra	XF4914S	90.0	86.9	78.7	98.5	87.8	88.4	60.9	68.8	72.1	42.5	49.3	51.0	57.4	63.5
NK Brand	NK49-N7XF	87.4	83.5	86.8	96.9	83.7	87.7	61.1	65.5	76.4	48.3	48.7	63.9	60.6	65.3
NK Brand	NK48-A8XFS	100.4	84.8	79.1	91.0	90.3	89.1	56.9	68.4	84.7	56.1	44.5	66.3	62.8	66.6
NK Brand	NK49-C2XFS	97.9	84.7	82.9	106.8	89.5	92.4	57.3	57.4	74.1	56.8	38.3	73.0	59.5	66.3
Pioneer	P48Z70BLX	89.7	85.6	80.1	99.6	90.9	89.2	49.1	66.1	71.4	53.2	46.5	75.8	60.3	65.2
Progeny	P 4947XFS	95.6	87.1	93.0	94.7	98.7	93.8	59.8	66.7	69.7	61.6	45.4	75.8	63.1	68.1
Progeny	P 4724XFS	87.4	90.0	64.0	86.1	86.4	82.8	59.2	62.8	72.7	60.0	42.6	79.8	62.8	64.1
Progeny	P 4734XFS	92.3	86.1	74.3	100.3	88.6	88.3	56.0	66.0	68.8	62.8	46.3	71.3	61.9	65.8
Progeny	P 4798XF	89.0	86.4	85.1	93.8	89.8	88.8	57.1	62.9	75.4	50.9	47.0	67.8	60.2	65.0
Progeny	P 4806XFS	91.4	95.4	72.6	96.0	88.4	88.8	55.1	66.3	64.4	56.3	47.7	72.7	60.4	65.3
Progeny	P 4842XFS	93.5	97.6	98.4	98.0	98.2	97.1	61.3	65.1	76.4	60.4	51.9	72.7	64.6	70.5
Progeny	P 4848XF	93.3	89.2	77.1	100.7	91.9	90.4	52.1	63.1	70.1	44.4	44.6	60.7	55.8	63.2
Progeny	P 4824XF	95.2	92.2	82.8	102.4	92.8	93.1	74.4	66.8	70.0	46.0	51.0	61.5	61.6	67.5
Revere	47-F77	113.1	97.3	88.7	97.6	97.2	98.8	61.8	64.7	78.0	60.8	52.2	64.2	63.6	70.8
Revere	49-F36	98.4	98.5	102.7	85.6	95.2	96.1	64.8	74.3	87.4	59.5	48.6	77.9	68.8	72.5
Revere	48-F72	93.6	85.5	86.4	94.5	88.9	89.8	57.2	65.8	77.2	53.9	47.9	51.4	58.9	64.8
Revere	4826XFS	93.5	89.4	88.8	89.1	87.6	89.7	48.7	61.4	69.8	46.2	46.8	66.7	56.6	63.7



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		Irr.	Irr.	Irr.	Irr.	Irr.	average	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	average	average
		(clay)	(clay)	(clay)	(loam)	(clay)		(clay)	(loam)	(loam)	(loam)	(loam)	(clay)		
		<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>	<i>bu/A</i>
USG	7474XFS	97.4	81.2	76.0	90.8	89.0	86.9	45.6	68.0	75.7	51.8	43.1	71.2	59.3	63.7
USG	7495XFS	85.7	79.3	91.0	83.8	91.9	86.4	61.8	80.9	83.1	56.0	43.5	60.6	64.3	66.0
Mean		93.6	88.8	84.1	96.2	91.2	90.8	57.5	67.9	76.3	53.5	46.8	65.9	61.4	66.7
CV		6.4	7.2	9.1	9.8	5.3		12.0	10.4	10.1	18.0	14.4	15.7		
R <sup>2</sup>		61.0	72.0	62.0	42.0	63.0		60.0	55.0	55.0	44.0	44.0	68.0		
LSD		9.7	10.3	12.3	NS	7.9		11.2	11.5	12.4	15.9	NS	16.4		
Error DF		82	82	82	82	82		82	82	82	82	82	82		
**Variety did not arrive prior to planting at these locations.															