



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

**Summary of Yield for Group IV Early 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	average
		(clay)	(clay)	(clay)	(loam)	(clay)	(clay)	(clay)	(loam)	(loam)	(loam)	(loam)	(loam)	(clay)	(clay)	(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	45-F02	99.0	83.2	65.2	86.8	77.0	82.2	44.3	80.6	61.3	45.2	49.7	58.6	56.6	68.3	
Armor	45-F65	85.0	84.9	68.0	88.7	80.2	81.4	46.3	78.5	50.7	63.8	39.8	54.7	55.6	67.3	
Armor	46-F15S	99.5	92.4	79.3	95.2	90.9	91.4	56.3	71.7	62.0	58.0	58.9	60.0	61.1	74.9	
Armor	46-F35S	88.0	**	66.5	77.1	80.2	77.9	58.3	67.9	68.2	49.1	**	**	60.9	69.4	
Asgrow	AG39XF3	82.8	72.8	83.8	68.2	74.7	76.5	45.2	68.7	59.1	68.8	38.1	64.1	57.3	66.0	
Asgrow	AG42XF4	84.5	88.7	74.0	85.7	79.1	82.4	42.1	75.1	54.7	64.6	42.1	57.6	56.1	68.0	
Asgrow	AG44XF4	92.8	91.8	82.3	97.3	91.9	91.2	57.5	76.8	65.6	61.8	42.1	64.4	61.4	74.9	
Asgrow	AG45XF3	101.4	84.0	76.3	100.0	83.0	88.9	50.0	78.3	65.0	62.4	40.6	72.6	61.5	74.0	
Asgrow	AG46XF3	94.9	88.5	84.9	90.2	88.4	89.4	53.3	77.4	73.5	67.4	47.0	72.1	65.1	76.1	
Delta Grow	43F65STS	81.5	99.0	71.1	85.9	84.8	84.5	61.8	68.5	64.4	62.8	46.1	76.7	63.4	73.0	
Delta Grow	46XF54STS	95.4	92.5	77.6	93.6	87.7	89.3	58.7	69.5	77.8	59.8	51.9	67.7	64.2	75.7	
Don Mario Seed	DM46F54S	97.1	80.0	72.5	81.2	75.4	81.2	49.6	74.7	59.1	59.3	45.5	68.1	59.4	69.3	
Dyna-Gro	S43XF85S	92.7	87.5	74.9	94.8	90.3	88.1	48.9	66.6	56.6	51.2	44.7	60.0	54.7	69.9	
Gateway Seed	457XFS	97.7	85.0	84.0	95.8	93.3	91.2	64.0	75.7	76.3	58.7	58.6	70.4	67.3	78.2	
Gateway Seed	461XFS	89.6	91.3	72.7	90.7	89.5	86.8	48.3	79.1	66.8	57.5	39.1	56.4	57.9	71.0	
Great Heart	GT-4460XF	92.0	95.3	82.0	91.3	94.0	90.9	53.4	74.2	65.9	55.1	45.3	62.9	59.5	73.8	
Great Heart	GT-4538XFS	97.4	96.8	87.8	90.8	93.4	93.2	50.5	71.5	60.7	53.4	56.6	69.9	60.4	75.3	
Great Heart	GT-4632XFS	94.6	95.5	80.1	97.9	88.7	91.4	58.9	66.7	62.7	58.8	44.2	71.7	60.5	74.5	
Innqvictis	A4503XF	91.4	86.4	82.9	93.2	79.4	86.7	44.8	64.4	56.1	51.8	49.4	45.0	51.9	67.7	
Innqvictis	A4642XF	95.9	93.5	80.1	98.0	87.7	91.0	49.6	71.8	73.3	53.4	49.3	69.4	61.2	74.7	
Innqvictis	A4664XF	93.4	94.6	76.8	89.7	89.4	88.8	49.1	79.8	66.1	61.0	45.2	54.5	59.3	72.7	
Integra	XF4634S	98.4	86.5	79.6	91.1	86.8	88.5	55.3	69.7	66.7	46.2	56.4	61.4	59.3	72.5	
NK	NK43-W1XFS	89.2	83.5	85.7	96.7	84.7	88.0	50.8	79.1	61.7	52.4	40.5	63.9	58.1	71.7	
NK	NK46-B4XFS	87.6	86.6	79.2	90.7	87.0	86.2	53.9	77.1	62.2	58.4	43.0	71.7	61.0	72.5	
Pioneer	P41Z80BLX	88.4	86.1	79.4	85.7	85.7	85.0	55.2	66.3	51.5	62.3	48.3	70.3	59.0	70.8	
Pioneer	P46A90LX	102.7	96.9	84.9	92.9	91.7	93.8	55.5	71.8	66.8	63.2	52.2	76.7	64.4	77.8	
Progeny	P 4623XF	97.4	88.4	83.2	93.5	91.4	90.8	55.6	76.7	66.8	58.8	51.1	71.9	63.5	75.9	
Progeny	P 4524XFS	99.4	94.8	85.6	91.9	98.5	94.1	56.1	77.6	62.3	59.9	45.3	65.4	61.1	76.1	
Progeny	P 4604XFS	97.2	88.9	78.3	88.9	90.2	88.7	46.6	79.1	56.4	69.4	55.1	58.6	60.9	73.5	
Progeny	P 4691XFS	88.4	93.0	84.9	96.1	94.4	91.4	54.2	75.1	69.6	60.4	50.9	75.3	64.3	76.6	
Revere	44-F44	99.1	88.2	85.0	88.9	90.5	90.4	53.3	79.8	76.9	62.5	47.5	65.3	64.2	76.1	
Stine	46FD29	85.1	88.1	75.7	86.8	84.8	84.1	46.8	74.0	66.7	62.4	41.1	65.2	59.3	70.6	
Mean		93.1	89.2	78.9	90.5	87.0	87.7	52.3	73.9	64.2	58.8	47.3	65.2	60.3	72.8	
CV		6.7	8.2	10.2	10.3	6.3		13.5	9.5	14.4	18.6	11.3	15.9			
R <sup>2</sup>		56.0	65.0	49.0	48.0	65.0		48.0	42.0	52.0	36.0	69.0	54.0			
LSD		10.2	11.9	NS	15.1	9.1		11.6	NS	15.0	NS	8.7	NS			
Error DF		62	62	62	62	62		62	62	62	62	62	62			

\*\*Variety did not arrive prior to planting at these locations.