MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

Summary of Yield for Group IV Late Roundup Ready Xtend and XtendFlex for the 2023 Mississippi Soybean Variety Trials.

		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.	average	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*
Asgrow	AG47XF2	93.0	75.9	110.7	81.1	73.6	86.9	69.9	67.3	40.0	67.4	32.1	71.8	58.1	71.2
Asgrow	AG48X9	98.2	83.7	115.6	78.1	73.4	89.8	86.9	71.5	39.9	66.4	33.3	87.6	64.2	75.9
Asgrow	AG48XF2	85.1	79.3	114.0	75.8	73.0	85.4	68.8	71.1	37.6	72.8	33.8	69.2	58.9	71.0
Asgrow	AG48XF3	101.3	79.0	107.6	74.6	73.8	87.2	80.8	67.9	38.3	68.9	31.9	84.7	62.1	73.5
Asgrow	AG49XF4	102.1	76.7	110.4	82.4	76.3	89.6	73.4	83.0	37.5	68.6	36.9	78.4	63.0	75.1
Beck's	4887XF	99.4	83.9	104.5	66.5	69.9	84.8	72.1	74.5	28.6	64.8	33.8	76.1	58.3	70.4
Delta Grow	47XF38	97.8	83.4	112.5	69.0	67.6	86.1	70.3	75.1	34.3	64.7	28.8	66.4	56.6	70.0
Delta Grow	48X45	98.7	88.3	116.0	80.7	75.3	91.8	79.7	71.2	31.2	69.6	33.7	83.0	61.4	75.2
Delta Grow	48XF33	98.5	80.5	122.9	67.8	72.8	88.5	67.3	60.5	43.1	65.8	35.3	82.0	59.0	72.4
Delta Grow	48XF42	95.5	80.6	114.0	79.6	78.8	89.7	74.5	72.2	41.9	55.7	27.4	86.7	59.7	73.3
Delta Grow	49XF85/STS	91.2	71.5	122.4	77.2	74.0	87.2	69.4	74.1	25.5	59.6	28.5	78.8	56.0	70.2
Don Mario	DM48F53	91.8	81.7	121.7	82.4	74.1	90.3	77.4	70.4	37.0	72.0	31.0	74.1	60.3	74.0
Dyna-Gro	S47XF23S	82.7	79.1	107.7	67.9	73.7	82.2	65.2	71.1	32.4	73.8	32.7	88.2	60.5	70.4
Dyna-Gro	S49XF43S	103.3	93.1	125.5	80.6	80.9	96.7	77.2	80.9	34.8	62.7	32.9	88.5	62.8	78.2
Dyna-Gro	S49XF82S	100.9	76.3	116.3	67.9	68.4	85.9	80.8	72.1	23.2	62.9	34.4	87.8	60.2	71.9
Gateway Seed	473XFS	101.4	85.4	113.3	70.1	72.4	88.5	79.0	76.1	28.2	55.8	39.8	76.1	59.2	72.5
Great Heart	GT-4756XF	92.8	79.0	116.9	74.0	74.1	87.3	72.7	67.6	37.6	57.3	27.7	74.2	56.2	70.4
Great Heart	GT-4762XF	96.5	74.8	126.7	72.0	68.6	87.7	79.2	71.3	31.9	70.9	31.9	91.9	62.8	74.2
Great Heart	GT-4867XF	82.5	78.6	110.1	76.9	72.6	84.2	58.1	74.4	29.5	68.3	32.5	65.2	54.7	68.1
Innvictis	A4862XF	87.0	86.3	122.6	81.1	75.1	90.4	62.9	74.0	39.8	73.8	37.2	67.1	59.1	73.4
NK Brand	NK47-Z1XF	98.0	82.0	111.1	74.0	77.1	88.5	81.8	74.6	39.2	69.4	41.3	82.2	64.8	75.5
NK Brand	NK48-A8XFS	108.6	74.6	126.4	70.1	67.8	89.5	86.6	79.2	27.8	72.8	40.4	87.6	65.7	76.5
NK Brand	NK49-C2XFS	105.8	73.9	127.0	82.5	78.7	93.6	80.6	78.4	31.0	74.9	33.0	84.1	63.7	77.3
Pioneer	P47A64X	110.0	80.9	118.8	85.0	75.4	94.0	80.5	86.0	32.8	75.4	32.7	91.8	66.5	79.0
Progeny	4755XFS	98.9	84.7	99.5	66.9	70.6	84.1	68.2	81.7	25.8	67.6	30.6	73.2	57.8	69.8
Progeny	4778XFS	97.4	76.0	104.8	67.9	71.4	83.5	82.1	68.8	28.0	64.9	29.6	82.2	59.3	70.3
Progeny	4947XFS	110.0	93.3	119.7	81.1	82.9	97.4	90.8	82.0	40.5	84.5	33.7	101.1	72.1	83.6
Progeny	4798XF	100.5	86.1	101.0	67.1	71.5	85.3	83.1	73.0	27.1	66.9	27.4	92.8	61.7	72.4
Progeny	4806XFS	97.0	83.9	125.3	79.4	77.9	92.7	76.4	71.2	34.2	82.8	39.5	85.9	65.0	77.6
Revere Seed	4934XF	101.2	85.3	109.0	73.6	75.8	89.0	85.9	74.0	43.6	73.6	37.5	99.4	69.0	78.1
Revere Seed	4731XS	97.6	94.6	118.0	69.1	80.2	91.9	71.0	77.5	43.9	67.5	36.8	90.0	64.5	76.9
Revere Seed	4727XF	91.5	80.3	102.4	71.9	64.3	82.1	70.2	72.4	39.4	58.0	30.1	79.7	58.3	69.1
Revere Seed	4795XS	99.1	84.3	134.1	73.6	75.2	93.3	85.4	72.2	33.0	67.6	30.1	87.3	62.6	76.5
Revere Seed	4826XFS	101.8	84.9	124.1	73.2	86.5	94.1	87.4	72.2	38.8	70.9	30.0	87.0	64.4	77.9
Mean		97.6	81.8	115.7	74.7	74.2	88.8	76.3	73.8	34.6	68.2	33.2	82.4	61.4	73.9
CV		7.5	10.2	10.0	7.2	6.9		9.9	8.6	16.9	11.6	12.3	7.3		
R^2		59.0	54.0	49.0	63.0	66.0		63.0	53.0	69.0	77.0	60.0	78.0		
LSD		12	NS	19	8.8	8.4		12.4	10.3	9.5	12.9	6.6	9.8		
Error DF		66	66	66	66	66		66	66	66	66	66	66		