MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

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

Brand	Variety	Brooksville	Clarksdale	Longwood	Stoneville	Stoneville	Irrigated	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)									
		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	44-D49	108.5	92.6	112.0	76.7	73.0	92.6	70.2	70.6	38.9	58.3	29.3	74.8	57.0	73.2
Armor	45-F02	104.2	83.4	96.4	73.3	71.9	85.9	73.2	66.8	34.0	65.6	33.3	82.3	59.2	71.3
Armor	46-F96	100.0	90.4	106.5	79.3	69.0	89.0	81.5	70.1	42.8	76.3	37.1	87.5	65.9	76.4
Asgrow	AG39XF3	78.7	69.8	89.1	71.6	59.4	73.7	66.1	74.3	34.8	71.8	30.2	64.6	57.0	64.6
Asgrow	AG45XF3	109.4	78.6	107.8	76.4	70.2	88.5	87.1	61.1	33.4	67.2	30.8	77.6	59.5	72.7
Asgrow	AG46XF3	107.9	90.6	113.5	81.3	77.7	94.2	87.1	71.0	40.8	73.1	35.1	79.0	64.4	77.9
Beck's	4337XF	102.5	94.0	97.9	69.1	70.9	86.9	75.1	73.1	36.0	72.0	30.2	68.7	59.2	71.8
Delta Grow	44XF75/STS	93.2	79.9	108.6	75.7	61.0	83.7	70.3	73.8	38.1	79.3	30.1	64.1	59.3	70.4
Delta Grow	46X65/STS	101.6	87.6	118.7	73.5	75.3	91.3	86.2	73.9	37.1	73.3	29.8	82.8	63.8	76.3
Delta Grow	46XF54	112.6	96.6	113.2	75.2	80.1	95.5	88.6	86.4	33.8	69.2	39.4	88.4	67.6	80.3
Don Mario	DM45F23	99.9	96.4	120.7	73.9	73.2	92.8	80.1	71.1	30.2	69.7	36.6	83.2	61.8	75.9
Dyna-Gro	S42XF93S	93.1	90.3	113.4	81.8	77.3	91.2	63.2	66.7	32.9	73.6	41.2	83.6	60.2	74.3
Dyna-Gro	S46XF31S	95.3	92.6	106.1	82.3	69.9	89.2	84.3	71.4	31.7	69.7	40.7	85.8	63.9	75.4
Gateway Seed	457XFS	111.9	102.5	122.1	73.9	83.7	98.8	86.8	76.9	44.9	74.9	39.9	94.8	69.7	82.9
Gateway Seed	461XFS	101.3	84.0	134.3	72.1	66.6	91.7	71.1	69.9	36.4	72.4	33.8	76.1	59.9	74.4
Gateway Seed	469XF	99.6	82.8	116.5	78.0	70.2	89.4	81.2	75.2	42.1	74.6	34.6	87.2	65.8	76.6
Great Heart	GT-4677XS	95.8	76.6	109.8	75.9	73.5	86.3	75.7	65.5	39.0	71.6	26.5	83.2	60.2	72.1
Great Heart	GT-4366XFS	86.9	84.6	87.1	67.3	75.7	80.3	71.3	66.4	38.4	64.6	37.9	73.0	58.6	68.5
Great Heart	GT-4538XFS	113.6	91.3	124.8	72.7	71.0	94.7	76.0	79.6	35.1	76.5	38.2	92.0	66.2	79.2
Great Heart	GT-4681XFS	97.7	81.9	117.7	81.1	67.7	89.2	75.6	63.8	33.6	62.2	34.3	80.0	58.3	72.3
NK Brand	NK42-T5XF	102.6	94.9	124.0	79.1	73.3	94.8	67.8	77.8	41.5	80.7	28.1	75.3	61.9	76.8
NK Brand	NK43-Y9XFS	92.8	76.1	117.2	78.5	62.2	85.4	71.4	82.5	36.0	76.3	33.0	74.6	62.3	72.8
NK Brand	NK44-J4XFS	90.2	86.6	113.1	70.4	65.7	85.2	72.2	80.4	26.7	81.6	30.5	68.5	60.0	71.4
NK Brand	NK46-B4XFS	101.1	87.2	131.3	77.5	70.4	93.5	77.9	74.3	33.6	80.8	39.1	79.0	64.1	77.5
Pioneer	P44A21X	100.3	93.4	119.2	74.8	76.2	92.8	88.8	77.1	39.0	89.8	29.9	81.6	67.7	79.1
Progeny	4623XFS	99.6	98.0	105.0	74.0	81.6	91.6	78.3	71.8	45.3	66.3	38.2	84.5	64.1	76.6
Progeny	4665XFS	108.8	84.0	112.1	80.6	75.9	92.3	85.4	74.6	42.8	75.3	43.9	91.4	68.9	79.5
Progeny	4604XFS	105.5	91.7	106.1	71.7	70.0	89.0	72.3	70.9	34.7	68.8	36.0	76.3	59.9	73.1
Progeny	4691XFS	106.7	91.5	101.9	74.9	71.8	89.4	72.2	71.2	30.6	82.5	32.1	69.8	59.7	73.2
Revere Seed	4415XF	100.4	84.1	109.2	80.5	77.8	90.4	80.9	75.1	41.3	73.4	37.6	89.9	66.4	77.3
Revere Seed	4526XF	99.9	84.3	107.6	78.6	72.1	88.5	73.5	75.6	35.5	64.4	28.7	84.7	60.4	73.2
Revere Seed	4606XFS	97.7	93.1	107.9	81.8	74.0	90.9	77.3	66.7	41.6	74.3	38.0	87.9	64.3	76.4
Mean		100.6	87.9	111.6	76.0	72.1	89.6	77.2	72.7	37.0	72.8	34.5	80.4	62.4	74.8
CV		7.8	10.0	10.0	5.8	6.6		8.8	11.5	16.0	13.0	11.0	8.1		
R^2		60	65	60	69	75		67	40	70	72	73	73		
LSD		12.8	14.0	19.0	7.3	7.8		11.0	NS	NS	15.4	6.3	10.6		
Error DF		64	64	64	64	64		64	64	64	64	64	64		