



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION

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

		Brooksville	Clarksdale	Longwood	Stoneville	Stoneville	Irr.	Brooksville	Olive Branch	Raymond	Verona	Non-Irr.	Overall
		Irr.	Irr.	Irr.	Irr.	Irr.	average	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	average	average
		(clay)	(clay)	(clay)	(loam)	(clay)		(clay)	(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
Asgrow	AG53XF2	100.9	82.8	103.5	74.9	60.6	84.5	70.3	64.6	40.1	67.5	60.6	73.9
Asgrow	AG56XF2	105.9	81.6	117.1	77.1	64.6	89.2	82.0	73.3	38.9	80.1	68.6	80.1
Delta Grow	52XF22/STS	98.2	83.2	98.0	78.3	73.1	86.2	67.8	71.5	30.9	66.2	59.1	74.1
Delta Grow	53XF95/STS	101.8	84.3	111.9	75.4	74.2	89.5	74.8	64.6	35.0	50.1	56.1	74.7
Delta Grow	55X25	102.2	78.4	113.4	65.2	71.5	86.2	82.3	67.8	36.4	78.6	66.3	77.3
Delta Grow	55XF23	74.4	65.5	74.8	51.4	45.1	62.2	42.8	71.2	15.6	60.7	47.6	55.7
Dyna-Gro	S52XT91	106.1	84.3	107.9	79.0	80.5	91.6	78.6	72.4	35.8	74.7	65.4	79.9
Great Heart	GT-5214X	94.1	70.4	91.4	58.7	56.4	74.2	77.0	61.1	32.5	76.1	61.7	68.6
Great Heart	GT-5320XF	101.8	72.5	106.0	71.4	70.5	84.4	76.2	70.1	26.2	66.2	59.7	73.4
Great Heart	GT-5417X	103.5	83.6	114.2	80.6	78.3	92.0	72.6	69.8	36.1	74.9	63.4	79.3
Innvictis	A5003XF	96.0	83.7	112.6	72.4	70.5	87.1	77.7	61.9	33.3	53.7	56.7	73.5
NK Brand	NK52-V1XF	103.4	83.6	113.7	77.1	72.8	90.1	79.5	72.7	31.0	67.6	62.7	77.9
NK Brand	NK54-J9XFS	101.4	80.7	99.6	59.0	63.0	80.7	91.3	74.1	31.2	103.0	74.9	78.1
NK Brand	NK56-Z6XFS	101.0	75.0	92.3	57.6	58.1	76.8	77.6	70.5	34.6	67.8	62.6	70.5
Pioneer	P50A08LX	90.8	84.2	99.3	79.6	77.3	86.2	65.2	73.3	20.3	52.7	52.8	71.4
Pioneer	P53A67X	107.2	82.1	110.0	73.1	73.4	89.2	83.8	73.0	41.8	77.6	69.1	80.2
Progeny	5441XF	82.5	63.8	85.1	47.5	62.3	68.2	88.3	71.0	24.8	87.2	67.8	68.1
Progeny	5641XF	105.6	63.1	87.6	60.4	53.9	74.1	72.3	64.0	21.0	99.8	64.3	69.7
Progeny	5056XFS	102.5	84.3	100.9	76.1	79.5	88.7	80.4	77.5	34.9	81.9	68.7	79.8
Revere Seed	5029XF	101.8	86.8	105.2	65.8	80.8	88.1	77.6	79.4	39.2	81.7	69.5	79.8
Mean		99.0	78.7	102.2	69.0	68.3	83.5	75.9	70.2	32.0	73.4	62.9	74.3
CV		6.6	9.6	7.6	10.9	8.7		10.6	9.0	19.0	10.7		
R ²		72	67	76	73	81		70	46	72	86		
LSD		10.9	12.5	12.8	12.4	9.8		13.3	10.5	10.2	13		
Error DF		38	38	38	38	38		38	38	38	38		