



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

Summary of Yield for Group IV Late Roundup Ready Xtend and XtendFlex for the 2022 Mississippi Soybean Variety Trials.

Brand	Variety	Brooksville Irr. (clay)	Clarksdale Irr. (clay)	Stoneville Irr. (loam)	Stoneville Irr. (clay)	Irr. average	Brooksville Non-Irr. (clay)	Crystal Springs Non-Irr. (loam)	Olive Branch Non-Irr. (loam)	Stoneville Non-Irr. (loam)	Tippo Non-Irr. (loam)	Verona Non-Irr. (clay)	Non-Irr. average	Overall average
		<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>
Armor	48-D25	82.4	94.3	79.9	73.7	82.6	18.2	78.1	85.4	90.7	46.4	80.4	66.5	72.9
Armor	48-F22	74.4	92.3	76.4	75.4	79.6	14.6	74.3	82.0	83.6	47.8	69.8	62.0	69.1
Armor	49-F37	67.1	93.4	80.4	71.0	78.0	20.1	78.7	79.9	78.9	46.6	69.4	62.3	68.5
Asgrow	AG47XF3	78.7	93.5	69.3	78.0	79.9	18.3	83.1	90.6	90.4	47.4	81.9	68.6	73.1
Asgrow	AG48XF3	71.7	94.5	83.2	79.3	82.2	25.5	72.5	84.6	97.2	48.1	75.3	67.2	73.2
Asgrow	AG49XF3	72.3	85.3	76.9	72.6	76.8	12.1	55.9	85.9	93.1	47.4	73.6	61.3	67.5
Beck's Hybrids	4885XF	65.2	98.9	78.8	82.8	81.4	13.9	67.9	86.1	86.8	41.5	62.5	59.8	68.4
Delta Grow	48X45	66.2	93.8	72.5	77.8	77.6	22.0	72.0	85.5	80.5	43.1	69.9	62.2	68.3
Delta Grow	48XF33/STS	68.0	90.0	71.0	66.4	73.8	18.5	87.3	84.9	82.9	45.9	60.7	63.4	67.5
Delta Grow	49XF29/STS	75.6	89.6	74.2	75.5	78.7	23.7	90.8	86.0	72.4	41.7	71.8	64.4	70.1
Dyna-Gro	S47XF23S	71.6	102.1	86.6	83.1	85.8	24.8	68.9	89.4	97.0	43.7	62.5	64.4	73.0
Dyna-Gro	S47XF52	78.6	85.1	71.5	75.5	77.7	25.8	82.7	85.0	74.9	44.5	56.4	61.6	68.0
Dyna-Gro	S48XF61S	61.5	100.4	84.3	84.3	82.6	19.8	76.8	86.9	104.3	45.1	52.1	64.2	71.5
Dyna-Gro	S48XT90	69.2	94.5	84.1	84.6	83.1	16.8	85.8	84.6	94.5	49.9	57.9	64.9	72.2
Dyna-Gro	S49XF82S	85.1	93.7	78.4	77.4	83.6	33.5	86.4	75.8	79.7	39.1	63.5	63.0	71.3
Dyna-Gro	S49XT70	84.8	94.1	72.8	78.7	82.6	16.2	88.3	85.4	78.0	51.3	74.2	65.6	72.4
Gateway Seed	471XF	63.3	93.3	75.4	80.2	78.1	18.3	71.5	87.7	88.2	47.1	66.2	63.2	69.1
Great Heart	GT-4979X	70.7	86.8	73.7	80.7	78.0	12.9	80.9	93.0	92.4	49.3	70.5	66.5	71.1
Great Heart Seed	GT-4756XF	77.1	105.4	83.6	80.6	86.7	22.4	68.1	91.3	97.4	43.9	63.8	64.5	73.4
Great Heart Seed	GT-4762XF	79.6	102.0	82.7	78.8	85.8	29.0	92.4	84.1	93.4	41.9	79.6	70.1	76.4
Great Heart Seed	GT-4828X	75.1	96.8	77.1	72.5	80.4	15.9	64.0	78.8	77.1	50.8	61.6	58.0	67.0
Innvictis	A 4742XF	77.4	97.7	80.4	77.4	83.2	26.6	84.2	83.5	96.6	40.0	59.9	65.2	72.4
Innvictis	A 4850XF	51.9	92.4	84.7	75.8	76.2	20.1	72.6	82.9	91.8	38.3	46.3	58.7	65.7
Innvictis	A 4950X	75.1	93.7	73.9	73.7	79.1	14.7	84.8	83.5	83.3	40.8	75.3	63.7	69.9
Revere	4727XF	73.4	102.6	83.0	75.9	83.7	27.9	82.4	82.2	85.0	43.2	61.9	63.8	71.7
Revere	4795XS	70.3	94.7	85.9	81.1	83.0	20.9	83.0	92.8	94.8	50.5	68.0	68.3	74.2
Revere	4826XFS	75.0	102.6	77.7	81.5	84.2	26.0	82.2	88.6	91.3	41.5	70.4	66.7	73.7
Revere	4925XF	75.1	98.2	76.6	79.0	82.2	25.8	76.0	84.0	90.9	45.4	72.6	65.8	72.4
Revere	4806XS	78.4	95.2	85.5	79.0	84.5	20.6	74.3	83.1	95.8	46.3	70.9	65.2	72.9
MorSoy	MS 4846 RXT	71.3	100.8	84.5	86.1	85.6	23.0	76.2	95.2	95.5	42.1	67.5	66.6	74.2
MorSoy	MS 4852	64.4	97.7	82.1	81.7	81.5	22.8	80.9	89.5	87.7	43.2	71.5	65.9	72.1
NK Brand	NK47-Z1XF	89.6	89.0	77.5	78.3	83.6	22.0	79.9	83.7	89.4	48.3	76.5	66.6	73.4
Progeny	P 4732XF	68.9	103.0	83.1	79.1	83.5	26.9	75.9	94.4	103.1	39.0	61.6	66.8	73.5
Progeny	P 4798XF	82.3	92.3	82.2	82.5	84.8	19.7	79.1	87.0	96.2	52.3	74.6	68.1	74.8
Progeny	P 4806XFS	56.2	97.5	87.0	80.9	80.4	20.5	75.2	85.9	105.0	35.6	50.7	62.1	69.5
Progeny	P 4821RX	59.7	103.1	87.5	84.5	83.7	20.5	76.7	88.8	96.8	41.6	53.2	62.9	71.2
Progeny	P 4844XFS	76.5	100.0	75.1	78.5	82.5	28.2	80.3	85.5	91.9	42.7	64.0	65.4	72.3
Progeny	P 4951XFS	78.2	94.1	75.0	68.4	78.9	22.1	74.2	84.4	86.2	35.0	72.2	62.4	69.0
Mean		72.7	95.6	79.3	78.2	81.5	21.3	78.0	86.0	89.9	44.4	66.9	64.4	71.2
CV		9.4	7.0	9.3	6.1		24.0	10.0	9.1	9.7	10.6	12.8		
R ²		67.0	61.0	46.0	58.0		57.0	58.0	30.0	74.0	59.0	62.0		
LSD (0.05)		11.2	11.0	NS	7.8		8.4	13.7	NS	14.2	7.7	13.9		
Error DF		74	74	74	74		74	74	74	74	74	74		