



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

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

Brand	Variety	Brooksville	Clarksdale	Stoneville	Stoneville	Irr.	Brooksville	Crystal Springs	Olive Branch	Stoneville	Tippo	Verona	Non-Irr.	Overall
		Irr. (clay)	Irr. (clay)	Irr. (loam)	Irr. (clay)	average	Non-Irr. (clay)	Non-Irr. (loam)	Non-Irr. (loam)	Non-Irr. (loam)	Non-Irr. (loam)	Non-Irr. (clay)	average	
		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	67.9	95.8	84.3	71.6	79.9	18.8	84.2	94.0	95.8	43.3	69.3	67.6	72.5
Armor	45-F02	78.6	91.0	90.1	83.9	85.9	17.0	86.7	100.0	98.6	44.8	67.5	69.1	75.8
Armor	46-F13	79.2	91.7	80.8	77.6	82.3	17.9	71.9	86.0	86.1	52.4	67.9	63.7	71.2
Armor	46-F96	73.9	93.2	86.1	84.2	84.3	15.8	75.9	91.2	96.6	34.4	77.5	65.2	72.9
Asgrow	AG42XF2	71.9	94.1	83.5	73.5	80.8	23.0	51.5	81.4	98.3	36.9	53.7	57.5	66.8
Asgrow	AG45XF3	80.9	93.9	86.0	84.2	86.2	25.2	58.6	94.0	98.4	50.0	69.6	65.9	74.0
Asgrow	AG46XF3	75.4	101.3	82.2	89.0	87.0	31.4	88.2	91.7	104.0	54.4	73.8	73.9	79.1
Beck's Hybrids	4553XF	76.6	95.5	73.4	81.1	81.6	18.0	73.2	89.3	97.5	38.9	65.8	63.8	70.9
Delta Grow	44XF41	62.6	78.1	78.5	71.5	72.7	14.9	53.4	82.7	80.8	38.6	41.0	51.9	60.2
Delta Grow	46X65/STS	68.8	96.6	70.7	79.6	78.9	23.2	68.8	87.6	97.8	50.5	75.6	67.3	71.9
Delta Grow	46XF18	70.6	83.1	83.6	82.0	79.8	29.8	64.8	98.3	96.1	39.7	71.7	66.7	72.0
Dyna-Gro	S43XS70	63.0	92.2	84.7	76.6	79.1	17.9	70.9	94.3	97.6	47.0	63.7	65.2	70.8
Dyna-Gro	S45XF02	76.6	96.8	87.0	79.9	85.1	27.0	88.1	97.8	98.8	46.6	63.0	70.2	76.2
Dyna-Gro	S46XF31S	72.0	96.4	82.4	76.8	81.9	17.0	71.1	86.5	91.9	40.7	67.0	62.4	70.2
Dyna-Gro	S46XS60	73.2	100.3	92.6	83.4	87.4	25.1	64.0	92.9	98.2	47.5	71.3	66.5	74.8
Gateway Seed	453RXS	72.9	100.4	84.8	77.7	84.0	20.4	85.2	89.2	96.6	39.2	62.4	65.5	72.9
Gateway Seed	465RXS	74.7	100.7	79.9	79.5	83.7	15.8	76.2	89.0	89.3	43.6	66.9	63.5	71.6
Gateway Seed	469XF	75.3	102.8	86.8	83.3	87.0	15.8	87.4	89.6	93.9	37.8	70.2	65.8	74.3
Great Heart	GT-4255XS	59.1	94.5	77.0	71.8	75.6	21.3	57.5	83.4	88.4	42.3	50.5	57.2	64.6
Great Heart	GT-4677XS	71.7	99.2	86.4	84.1	85.3	24.3	69.8	93.0	95.8	46.2	66.8	66.0	73.7
Great Heart Seed	GT-4344XF	64.2	92.0	76.4	80.6	78.3	19.3	65.0	81.8	86.7	40.6	55.9	58.2	66.3
Great Heart Seed	GT-4681XFS	74.9	97.8	83.6	83.6	85.0	20.4	73.8	85.5	99.1	46.7	64.8	65.0	73.0
Innervictis	A 4690XF	72.5	100.3	80.9	82.4	84.0	17.7	71.5	95.8	99.5	46.1	63.2	65.6	73.0
Innervictis	A4632XF	74.2	98.5	80.5	77.5	82.7	23.6	86.3	93.1	90.0	43.1	66.8	67.2	73.4
Innervictis	A4642XF	65.3	105.0	79.3	85.7	83.8	21.0	58.6	102.7	99.0	39.7	58.6	63.3	71.5
Innervictis	A4662XF	66.0	100.1	86.3	83.3	83.9	16.7	69.5	98.2	98.8	36.2	70.5	65.0	72.6
MorSoy	MS 4681 RXT	73.5	111.1	92.8	85.5	90.7	18.4	90.0	86.8	97.1	47.4	70.1	68.3	77.3
NK Brand	NK42-T5XF	62.8	92.5	86.8	77.1	79.8	14.7	69.2	93.3	99.7	43.3	59.6	63.3	69.9
NK Brand	NK43-V8XF	65.6	90.7	96.3	82.1	83.7	19.6	65.4	97.2	92.0	34.2	48.9	59.5	69.2
NK Brand	NK43-Y9XFS	58.7	83.5	80.2	71.7	73.5	17.6	71.0	91.1	88.9	36.0	55.5	60.0	65.4
NK Brand	NK44-J4XFS	56.9	83.6	88.0	75.7	76.0	11.2	58.9	87.5	90.6	37.4	48.0	55.6	63.8
NK Brand	NK45-P9XF	74.8	91.5	87.1	81.3	83.7	24.3	72.9	85.2	89.1	43.4	49.0	60.6	69.8
Progeny	P 4200XS	74.9	101.3	89.8	83.9	87.5	21.3	78.9	97.4	103.1	40.0	65.2	67.6	75.6
Progeny	P 4202XFS	76.2	102.0	77.5	75.9	82.9	19.3	91.5	86.4	80.0	36.7	71.2	64.2	71.7
Progeny	P 4444RXS	73.0	88.8	80.2	75.5	79.4	22.1	71.6	94.8	89.7	42.4	63.6	64.0	70.2
Progeny	P 4505RXS	70.1	110.9	84.8	85.0	87.7	21.8	86.1	90.8	102.1	41.0	65.5	67.9	75.8
Progeny	P 4521XFS	71.5	99.0	84.5	79.7	83.7	15.4	80.4	86.9	95.8	41.0	66.0	64.3	72.0
Progeny	P 4604XFS	73.3	101.5	77.9	86.0	84.7	13.8	80.0	91.7	103.1	46.0	67.7	67.0	74.1
Progeny	P 4691XFS	72.2	105.6	82.5	85.8	86.5	17.8	62.6	88.8	100.3	39.9	61.8	61.9	71.7
Revere	4128XFS	63.0	105.7	87.4	89.3	86.4	18.6	53.5	81.4	104.6	46.8	49.9	59.1	70.0



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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>
Revere	4415XF	72.6	97.3	94.3	91.0	88.8	26.9	88.0	100.1	105.3	54.4	72.2	74.5	80.2
Revere	4526XF	82.9	90.6	83.4	85.6	85.6	29.3	62.7	94.1	99.6	51.7	66.9	67.4	74.7
Revere	4606XFS	79.7	97.4	83.5	86.2	86.7	18.7	66.8	96.9	100.2	51.5	73.8	68.0	75.5
Mean		71.2	96.4	83.8	81.0	83.1	20.2	72.6	91.1	95.7	43.2	63.9	64.5	71.9
CV		8.8	7.5	6.2	5.1		50.0	17.0	7.8	9.0	13.0	12.3		
R ²		59.0	69.0	70.0	70.0		30.0	54.0	48.0	59.0	63.0	63.0		
LSD (0.05)		10.3	11.8	8.4	6.6		9.9	20.0	11.6	14.0	9.3	12.8		
Error DF		84.0	84.0	84.0	84.0		84.0	84.0	84.0	84.0	84.0	84.0		

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