



Summary of Yield for Group IV Early Roundup Ready Xtend for the 2020 Mississippi Soybean Variety Trials.

Brand	Variety	Brooksville	Clarksdale	Longwood	Stoneville	Stoneville	Irr. avg.	Brooksville	Olive Branch	Raymond	Stoneville	Tippo	Verona	Non-Irr. avg.	Overall avg.
		Irr. (clay) bu/A	Irr. (clay) bu/A	Irr. (clay) bu/A	Irr. (loam) bu/A	Irr. (clay) bu/A		Non. Irr. (clay) bu/A	Non. Irr. bu/A	Non. Irr. (loam) bu/A	Non. Irr. (loam) bu/A	Non. Irr. (loam) bu/A	Non. Irr. (clay) bu/A		
AgriGold	G4255RX	61.2	86.5	111.7	73.8	65.8	79.8	47.4	81.3	28.3	68.5	54.7	67.5	57.9	67.9
AgriGold	G4620RX	81.0	87.1	116.2	100.0	76.7	92.2	54.9	84.7	45.8	71.2	48.3	69.5	62.4	75.9
Armor	44-D92	58.5	83.8	106.9	87.5	59.4	79.2	48.3	85.3	34.0	68.5	56.6	66.7	59.9	68.7
Armor	46-D09	79.7	91.7	120.9	97.3	75.2	92.9	48.4	83.5	47.2	63.5	41.7	81.9	61.0	75.5
Armor	44-D49	78.4	94.5	121.9	96.4	71.1	92.5	63.2	95.8	55.6	64.8	50.8	86.3	69.4	79.9
Asgrow	AG46X6	75.7	99.3	116.7	87.2	77.0	91.2	39.4	89.5	46.6	66.1	53.4	72.0	61.2	74.8
Asgrow	AG45X8	62.1	86.7	112.8	86.9	64.5	82.6	48.7	80.9	36.4	64.4	48.9	69.5	58.1	69.3
Asgrow	AG43X0	68.6	83.4	100.8	77.7	76.5	81.4	44.5	82.8	35.4	67.1	50.6	66.2	57.8	68.5
Asgrow	AG46X0	75.7	91.8	116.2	98.1	81.7	92.7	40.7	91.8	48.7	70.6	43.9	72.8	61.4	75.6
Credenz	CZ 4570X	77.5	89.4	100.9	99.8	68.1	87.1	42.1	76.0	32.1	66.9	37.0	72.3	54.4	69.3
Credenz	CZ 4600X	75.6	88.6	110.9	90.7	68.3	86.8	50.8	78.7	31.6	65.9	44.6	69.4	56.8	70.5
Credenz	CZ 4280X	69.4	75.0	109.1	81.3	70.7	81.1	42.4	62.3	50.1	63.7	43.2	67.6	54.9	66.8
Credenz	CZ 4341X	68.0	80.4	90.0	83.4	59.5	76.3	33.5	82.6	46.7	59.3	46.7	66.5	55.9	65.1
Delta Grow	46X05/STS	86.9	94.0	103.2	95.3	69.0	89.7	53.3	87.3	40.8	73.3	49.7	66.6	61.8	74.5
Delta Grow	46X05/STS	71.7	92.0	118.2	98.9	65.5	89.2	37.9	80.5	49.3	76.1	61.7	74.0	63.2	75.1
DONMARIO SEEDS	DM 45X61	74.8	92.2	123.2	92.2	74.6	91.4	50.9	78.2	45.6	74.6	51.2	83.0	63.9	76.4
DONMARIO SEEDS	DM 44X31	81.5	89.1	110.4	90.9	76.9	89.8	45.0	84.8	48.4	63.1	38.7	78.8	59.8	73.4
Dyna-Gro	S45XS66	85.4	93.0	117.4	91.5	58.0	89.0	52.9	90.3	41.7	68.2	67.8	88.1	68.2	77.7
Dyna-Gro	S45XS37	72.7	90.2	123.9	91.8	73.0	90.3	51.3	77.5	46.4	69.1	57.7	86.4	64.7	76.4
Dyna-Gro	S46XS60	78.9	93.1	101.2	82.8	66.8	84.6	43.3	93.2	48.6	66.4	46.7	86.8	64.2	73.4
Great Heart Seed	GT-4677XS	81.3	97.1	106.6	97.8	75.6	91.7	48.9	77.3	44.0	57.2	54.6	81.1	60.5	74.7
LG Seeds	LGS4464RX	80.2	81.7	96.4	81.8	58.1	79.6	39.5	78.4	46.1	60.8	49.4	69.1	57.2	67.4
LG Seeds	LGS4632RX	77.1	97.4	118.4	102.2	67.3	92.5	52.4	86.8	51.2	70.1	56.4	81.5	66.4	78.3
Local Seed	LS4565X	63.1	91.0	122.2	85.9	68.5	86.1	60.0	81.2	51.5	73.7	65.4	83.6	69.2	76.9
Local Seed	LS4583X	77.1	89.4	116.2	100.1	79.0	92.4	49.1	82.5	46.8	66.7	48.0	87.5	63.4	76.6
Local Seed	LS4407X	76.9	88.5	99.9	88.8	79.5	86.7	39.1	82.2	54.6	55.4	38.4	75.4	57.5	70.8
Local Seed	LS4299XS	65.9	85.8	106.2	93.0	67.4	83.7	43.6	70.5	42.9	67.6	58.1	66.3	58.2	69.8
Local Seed	LS3976X	76.0	71.8	90.5	76.8	64.8	76.0	36.0	71.4	33.7	58.0	41.3	41.6	47.0	60.2
Mission Seed	A4448X	79.0	81.9	111.2	85.4	71.1	85.7	43.7	89.2	44.5	64.1	54.5	77.8	62.3	72.9
Mission Seed	A4618X	78.3	91.8	124.3	95.5	75.5	93.1	53.1	83.2	48.3	60.6	53.8	77.6	62.8	76.5
MorSoy	MS 4616 RXT/STS	71.7	88.9	113.7	83.5	70.7	85.7	53.5	79.3	44.5	67.5	56.3	81.8	63.8	73.8
NK Brand	S44-C7X	64.7	92.5	115.6	95.5	77.6	89.2	39.6	91.6	42.3	65.9	50.1	71.9	60.2	73.4
Pioneer	P42A96X	57.1	81.2	96.3	80.3	64.4	75.8	45.6	80.3	33.1	65.9	66.7	52.1	57.3	65.7
Pioneer	P44A72BX	63.7	89.8	109.6	81.2	68.4	82.5	49.2	86.2	36.8	71.8	56.6	71.2	62.0	71.3
Pioneer	P46A86X	78.3	90.9	121.0	97.2	71.6	91.8	51.4	98.7	35.8	70.7	65.5	79.3	66.9	78.2
Progeny Ag	P 4620RXS	71.3	92.8	114.9	78.2	77.3	86.9	45.4	78.3	41.2	63.3	51.4	70.7	58.4	71.3
Progeny Ag	P 4444RXS	72.7	84.1	111.0	92.1	70.1	86.0	46.2	77.9	57.8	63.1	37.0	78.9	60.1	71.9
Progeny Ag	P 4265RXS	61.5	88.1	113.7	78.5	69.8	82.3	46.5	71.5	36.6	66.0	58.5	67.2	57.7	68.9
Progeny Ag	P 4505RXS	73.4	97.6	125.0	91.2	66.5	90.7	55.1	83.8	48.4	73.7	53.8	83.4	66.4	77.5
USG	7447XTS	75.0	81.9	107.4	83.1	73.5	84.2	50.3	95.4	45.2	61.9	57.5	68.3	63.1	72.7
USG	7461XTS	74.5	95.8	116.9	94.1	77.2	91.7	48.1	96.2	54.3	66.1	56.0	81.2	67.0	78.2



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		Irr. (clay)	Irr. (clay)	Irr. (clay)	Irr. (loam)	Irr. (clay)		Non. Irr. (clay)	Non. Irr.	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (clay)		
		<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>	<i>bu/A</i>
Mean		73.2	88.8	111.4	89.4	70.5	86.7	47.2	83.1	43.9	66.4	51.8	74.1	61.1	72.7
CV		9.1	5.5	5.8	9.8	12.2		17.0	12.2	19.8	13.0	9.6	10.8		
LSD		11.7	8.0	10.5	14.3	14.0		13.1	16.4	14.1	14.1	10.4	13.0		
R2		61.0	70.9	78.0	53.4	43.9		55.0	55.2	55.8	35.0	88.0	80.7		
Error DF		80	80	80	80	80		80	80	80	80	40	80		