



Summary of Yield for Group IV Late 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)	Irr. (clay)	Irr. (clay)	Irr. (loam)	Irr. (clay)		Non. Irr. (clay)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (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
AgriGold	G4995RX	78.9	95.2	102.3	92.7	87.2	91.3	42.9	70.3	52.6	53.8	40.6	77.7	56.3	72.2
AgriGold	G4820RX	87.0	98.5	110.6	79.6	84.8	92.1	52.0	78.9	45.3	47.6	53.3	72.7	58.3	73.7
AGS	GS47X19	88.1	94.8	109.5	77.1	84.0	90.7	39.2	78.6	51.2	53.0	45.3	71.9	56.6	72.1
AGS	GS48X19	79.8	88.5	99.7	82.9	77.5	85.7	46.0	75.8	55.3	57.0	46.1	71.3	58.6	70.9
AGS	GS49X21	81.6	84.9	115.4	84.8	77.8	88.9	46.2	68.3	49.8	59.8	50.8	70.3	57.5	71.8
Armor	48-D25	88.1	95.2	103.0	87.0	81.3	90.9	56.7	96.3	46.5	58.7	54.5	80.4	65.5	77.1
Armor	49-D14	82.9	92.6	107.8	85.6	76.9	89.2	50.8	83.7	51.1	53.2	51.4	75.0	60.9	73.7
Asgrow	AG48X9	81.8	98.2	98.9	94.5	81.7	91.0	49.3	76.9	46.4	49.2	51.8	70.3	57.3	72.6
Credenz	CZ 4869X	67.6	88.5	95.0	83.4	80.0	82.9	44.1	65.8	47.6	52.1	49.7	57.7	52.8	66.5
Credenz	CZ 4979X	79.5	93.5	97.5	88.4	85.3	88.8	45.9	77.8	55.0	62.1	48.3	72.9	60.3	73.3
Credenz	CZ 4730X	77.5	89.5	100.1	94.7	68.1	86.0	51.1	74.7	45.5	60.9	55.7	63.2	58.5	71.0
Credenz	CZ 4770X	78.7	90.2	111.0	85.2	76.8	88.4	53.4	91.7	43.9	50.6	25.5	80.8	57.6	71.6
Credenz	CZ 4810X	80.5	86.4	103.9	87.2	77.5	87.1	48.7	78.5	52.3	60.2	49.6	53.9	57.2	70.8
Credenz	CZ 4941X	71.8	83.4	87.8	85.5	77.7	81.2	58.1	67.3	49.6	56.0	38.7	65.3	55.9	67.4
Delta Grow	49X15	76.9	91.4	98.2	80.4	84.5	86.3	52.1	72.5	56.4	54.6	40.7	73.2	58.3	71.0
Delta Grow	47X95	76.2	97.7	98.8	79.9	86.0	87.7	41.9	79.6	56.7	56.4	46.7	69.2	58.4	71.7
Delta Grow	48X05	82.2	99.4	108.2	74.0	85.3	89.8	44.7	72.0	39.5	53.9	48.6	77.1	55.9	71.3
Delta Grow	49X25	78.9	83.1	103.4	85.9	78.9	86.0	44.7	72.4	52.1	55.5	39.4	81.0	57.5	70.5
Delta Grow	48X45	87.2	91.9	109.6	83.9	78.2	90.2	56.1	81.3	48.3	58.2	52.7	70.2	61.1	74.3
Dyna-Gro	S48XT56	91.9	95.7	117.5	90.3	87.5	96.6	53.1	86.9	50.5	49.3	67.6	79.6	64.5	79.1
Dyna-Gro	S49XT70	83.6	94.4	113.1	76.3	80.7	89.6	50.7	74.3	42.5	54.0	45.0	74.7	56.9	71.8
Dyna-Gro	S47XT20	90.4	86.5	100.0	80.1	73.4	86.1	46.3	87.6	49.0	56.8	60.8	72.1	62.1	73.0
Dyna-Gro	S48XT90	82.2	96.6	106.4	87.7	83.3	91.2	44.1	85.1	50.0	57.1	45.9	74.9	59.5	73.9
Dyna-Gro	S49XT21	83.5	87.6	106.1	67.9	80.5	85.1	49.5	87.2	47.3	59.8	52.4	74.8	61.8	72.4
DONMARIO SEEDS	DM 47X39	79.9	93.5	90.0	87.6	85.8	87.4	35.9	71.1	46.8	51.0	39.3	71.0	52.5	68.3
DONMARIO SEEDS	DM 49X13	82.5	92.9	104.6	84.1	78.3	88.5	47.1	73.8	45.4	49.2	30.4	80.6	54.4	69.9
Great Heart Seed	GT-4833XS	86.3	89.5	114.5	88.5	83.5	92.5	55.6	78.4	48.3	51.9	55.4	83.5	62.2	76.0
Great Heart Seed	GT-4979X	82.8	101.6	111.6	92.7	84.5	94.6	47.3	78.1	44.7	53.7	48.1	86.6	59.7	75.6
Great Heart Seed	GT-4828X	82.0	90.2	120.8	83.8	81.8	91.7	52.6	75.9	44.8	53.1	48.1	79.9	59.1	73.9
LG Seeds	LGS4899RX	86.9	95.6	96.6	85.9	77.5	88.5	59.6	88.8	52.1	55.3	41.0	85.0	63.6	74.9
Local Seed	LS4795XS	83.0	94.6	95.7	86.4	77.5	87.4	51.0	76.4	52.2	61.0	44.3	74.3	59.9	72.4
Local Seed	LS4999X	85.6	93.2	108.0	72.9	78.2	87.6	42.8	78.0	51.1	57.3	60.6	68.7	59.7	72.4
Local Seed	LS4607XS	75.8	89.4	109.8	81.4	74.0	86.1	43.5	81.3	51.7	60.1	44.2	73.7	59.1	71.3
Local Seed	LS4806XS	84.8	95.3	113.2	93.6	81.3	93.6	47.0	87.5	57.7	54.9	58.8	75.6	63.6	77.2
Mission Seed	A4828X	84.5	89.0	107.0	81.8	79.7	88.4	45.7	64.2	58.5	55.9	55.2	72.5	58.7	72.2
Mission Seed	A4950X	82.0	91.9	112.8	79.7	82.2	89.7	44.5	73.8	51.6	58.9	54.4	80.2	60.6	73.8
MorSoy	MS 4846 RXT	87.8	93.8	110.9	81.1	81.8	91.1	60.1	75.8	42.9	52.8	44.9	75.4	58.7	73.4
NK Brand	S49-F5X	78.3	93.9	114.1	85.6	81.3	90.6	52.5	83.3	52.5	62.1	55.9	78.5	64.1	76.2
NK Brand	S47-Y9X	81.0	90.7	94.7	85.7	75.9	85.6	54.5	79.7	46.2	51.7	54.5	78.0	60.8	72.0
Pioneer	P48A60X	75.8	91.5	94.1	86.9	74.0	84.5	41.4	76.8	39.7	50.9	59.2	72.4	56.7	69.3
Progeny Ag	P 4816RX	85.6	96.8	117.7	93.8	87.9	96.4	56.0	83.4	53.2	46.6	60.9	77.7	63.0	78.1
Progeny Ag	P 4851RX	86.5	93.6	85.9	86.2	70.1	84.4	62.5	70.0	48.1	56.1	51.3	80.4	61.4	71.9



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Brand	Variety	Brooksville	Clarksdale	Longwood	Stoneville	Stoneville	Irr.	Brooksville	Olive Branch	Raymond	Stoneville	Tippo	Verona	Non. Irr.	Overall
		Irr. (clay)	Irr. (clay)	Irr. (clay)	Irr. (loam)	Irr. (clay)	avg.	Non. Irr. (clay)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (loam)	Non. Irr. (clay)	avg.	avg.
		<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>
Progeny Ag	P 4821RX	75.8	95.9	92.9	87.6	84.5	87.3	49.8	71.2	46.1	55.4	59.2	66.0	58.0	71.3
Progeny Ag	4700RXS	67.5	96.2	107.3	78.5	79.3	85.8	43.1	72.6	59.6	55.9	65.7	73.4	61.7	72.6
Progeny Ag	4970RX	82.7	98.8	110.9	99.2	83.7	95.0	57.7	76.9	49.5	49.5	39.0	78.5	58.5	75.1
Taylor Seed	T4880XS	81.1	90.5	101.6	91.5	80.9	89.1	50.8	85.0	43.4	56.7	50.7	71.3	59.7	73.0
Taylor Seed	T4990XS	71.6	87.3	97.0	83.5	71.4	82.2	55.9	73.5	40.4	60.5	62.8	55.1	58.0	69.0
USG	7496XTS	79.1	89.0	100.3	82.3	71.3	84.4	43.7	76.2	58.3	55.4	54.3	71.4	59.9	71.0
USG	7489XT	94.5	96.0	114.6	88.2	78.9	94.4	56.0	82.7	43.5	49.0	62.0	69.5	60.5	75.9
USG	7480XT	84.1	92.4	100.8	84.5	84.6	89.3	42.5	79.7	59.9	46.7	31.1	71.2	55.2	70.7
Mean		81.7	92.5	104.6	85.0	80.1	88.8	49.3	78.0	49.4	54.8	49.8	73.6	59.2	72.6
CV		7.3	4.4	9.6	10.9	7.4		14.5	11.3	15.7	12.8	19.0	12.6		
LSD		9.7	6.5	16.3	15.0	9.5		12.4	14.3	12.6	11.4	18.9	15.0		
R ²		60	65	51	40.5	50.2		59.9	69.4	48	35	65	74.48		
Error DF		98	98	98	98	98		98	98	98	98	49	98		