

Summary of Yields for Group IV Late Roundup Ready for the 2016 Mississippi Soybean Variety Trials

Brand	Variety ¹	Stoneville	Stoneville	Xtend	Brooksville ²	Clarksdale ³	Longwood ³	Irrigated	Brooksville	Stoneville	Xtend	Falker ³	Olive	Tippo ³	Non-Irr.	Overall
		(clay)	(loam)	Avg. ²	Irr.	Irr.	Irr.	Avg.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Avg.	Avg.
		Irr.	Irr.	Irr.	Irr.	Irr.	Irr.	Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.	Non-Irr.
		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	bu/A
AGS	GS47R216	57.1	76.7	66.9	83.3	59.6	62.3	67.8	59.8	66.7	63.2	59.5	106.4	46.6	67.8	67.8
AGS	GS48R216	57.7	75.6	66.7	67.1	77.1	69.2	69.3	50.0	56.0	53.0	63.2	108.5	50.4	65.6	67.5
AGS	GS4915R2	55.1	61.7	58.4	70.6	65.5	59.9	62.6	47.0	56.2	51.6	56.5	84.9	48.1	58.5	60.6
Armor	47-D17	63.7	78.4	71.0	-	-	-	71.0	42.8	70.3	56.6	-	-	-	56.6	63.8
Armor	47-R70	60.9	75.4	68.2	83.3	80.8	73.0	74.7	49.0	67.6	58.3	64.9	106.5	50.4	67.7	71.2
Armor	48-D24	58.3	78.7	68.5	-	-	-	68.5	40.9	60.2	50.5	-	-	-	50.5	59.5
Armor	48-D80	50.3	63.9	57.1	-	-	-	57.1	44.9	65.4	55.2	-	-	-	55.2	56.1
Armor	49-D66	54.9	63.0	58.9	-	-	-	58.9	46.5	66.2	56.4	-	-	-	56.4	57.7
Armor	ARX4706 *	60.0	72.0	66.0	-	-	-	66.0	48.7	63.8	56.2	-	-	-	56.2	61.1
Armor	ARX4906 *	50.6	59.5	55.0	-	-	-	55.0	51.4	75.4	63.4	-	-	-	63.4	59.2
Asgrow	AG47X6	61.6	74.9	68.3	-	-	-	68.3	42.0	55.0	48.5	-	-	-	48.5	58.4
Asgrow	AG48X7 *	49.8	61.7	55.8	-	-	-	55.8	44.9	60.0	52.5	-	-	-	52.5	54.1
Asgrow	AG49X6	57.6	68.6	63.1	-	-	-	63.1	41.8	58.1	50.0	-	-	-	50.0	56.6
Credenz	CZ 4898 RY	54.3	66.7	60.5	68.7	59.5	64.2	62.7	40.7	65.4	53.0	55.1	83.5	49.9	58.9	60.8
Credenz	CZ 4959 RY	51.4	75.7	63.6	70.3	69.6	57.6	64.9	41.9	52.3	47.1	49.5	106.2	43.8	58.8	61.8
Croplan	R2C4700S	61.0	74.8	67.9	79.0	73.7	69.4	71.6	44.4	58.7	51.5	57.1	97.4	42.1	59.9	65.7
Croplan	R2C4775	63.6	72.0	67.8	77.2	70.8	69.0	70.5	46.8	60.6	53.7	61.8	105.0	44.0	63.6	67.1
Delta Grow	DG 4790RR2	61.1	77.6	69.3	80.7	72.3	70.1	72.4	42.7	71.6	57.2	56.1	106.5	50.2	65.4	68.9
Delta Grow	DG 4825 RRR2/STS	52.2	74.2	63.2	73.0	74.0	55.6	65.8	45.2	58.9	52.1	60.3	99.0	42.8	61.2	63.5
Delta Grow	DG 4880RR	59.6	69.0	64.3	76.7	66.7	76.6	69.7	36.2	60.4	48.3	55.0	95.1	37.6	56.9	63.3
Delta Grow	DG 4970RR	54.9	64.7	59.8	65.5	73.6	62.3	64.2	40.8	63.0	51.9	57.4	97.5	38.3	59.4	61.8
Delta Grow	DG 4995 RR	55.3	73.0	64.2	69.0	64.1	61.9	64.7	40.5	50.8	45.6	53.4	101.0	54.5	60.0	62.3
Delta Grow	DGX 4845RR2	60.8	76.7	68.8	-	-	-	68.8	48.2	60.1	54.1	-	-	-	54.1	61.5
Dixie Bell	DB 4787	55.9	69.0	62.4	66.5	61.1	56.5	61.8	40.4	45.2	42.8	46.9	90.6	52.3	55.1	58.4
Dixie Bell	DB 4911	59.4	72.6	66.0	61.0	66.8	71.0	66.2	51.5	68.4	59.9	56.2	100.7	55.9	66.5	66.3
Dixie Bell	DB 4965	60.7	70.8	65.7	77.6	66.1	60.6	67.1	49.4	66.6	58.0	58.5	104.5	57.8	67.4	67.3
Dyna-Gro	S48R553	46.6	60.6	53.6	73.9	62.8	62.5	61.3	49.1	53.2	51.1	55.2	89.2	47.8	58.9	60.1
Dyna-Gro	S48XT56	59.6	69.9	64.7	-	-	-	64.7	44.2	61.1	52.6	-	-	-	52.6	58.7
Dyna-Gro	S49XT07	53.9	64.0	58.9	-	-	-	58.9	46.7	71.9	59.3	-	-	-	59.3	59.1
Go Soy	4814GTS	56.5	71.5	64.0	78.4	64.5	73.7	68.9	46.9	64.6	55.8	61.1	99.9	48.0	64.0	66.5
Go Soy	49G16	57.9	71.0	64.4	65.5	66.4	68.3	65.8	45.2	67.7	56.4	53.1	95.1	59.0	64.1	64.9
Great Heart Seed	GT-476CR2	62.1	74.5	68.3	80.8	72.4	64.0	70.8	41.6	58.7	50.1	59.1	111.6	37.4	61.7	66.2
Great Heart Seed	GT-477CR2	64.1	82.5	73.3	83.5	77.8	72.8	76.1	44.6	64.2	54.4	66.0	98.6	43.7	63.4	69.8
Great Heart Seed	GT-4860X	58.4	78.1	68.2	-	-	-	68.2	42.8	64.5	53.6	-	-	-	53.6	60.9
Mycogen	5N480R2	57.8	69.0	63.4	68.7	57.9	61.1	62.9	46.1	53.8	50.0	51.6	92.7	48.6	58.6	60.7
Mycogen	5N490R2	67.0	75.2	71.1	77.9	71.1	71.2	72.5	45.7	71.1	58.4	58.2	93.8	39.7	61.7	67.1
NK	S49-B1	62.5	70.7	66.6	86.8	74.0	65.7	71.9	40.4	51.5	46.0	59.4	104.4	41.7	59.5	65.7
NK	S47-K5	68.6	78.9	73.7	76.3	79.6	77.3	76.1	50.3	54.1	52.2	60.3	107.1	42.4	62.8	69.5
Pioneer	P47T36R	59.6	83.1	71.3	84.4	75.8	60.2	72.6	42.1	52.5	47.3	59.6	105.8	40.2	60.0	66.3
Pioneer	P47T89R	70.2	78.2	74.2	72.3	79.7	77.6	75.6	44.3	65.8	55.1	67.6	108.5	46.3	66.5	71.0
Progeny	P 4757RY	62.8	73.6	68.2	81.3	77.1	76.4	74.2	48.1	64.5	56.3	63.8	104.8	39.5	64.1	69.2
Progeny	P 4799RXS	59.6	79.0	69.3	-	-	-	69.3	43.5	62.5	53.0	-	-	-	53.0	61.1
Progeny	P 4816RX	60.7	73.7	67.2	-	-	-	67.2	42.7	60.5	51.6	-	-	-	51.6	59.4
Progeny	P 4944RX	58.5	63.9	61.2	-	-	-	61.2	45.2	72.4	58.8	-	-	-	58.8	60.0
Progeny	P 4788RY	58.2	81.2	69.7	81.7	76.8	69.4	73.5	46.1	67.6	56.9	58.8	117.2	44.4	66.8	70.1
Progeny	P 4900RY	65.9	69.2	67.5	82.0	81.4	75.5	74.8	44.0	74.1	59.1	57.3	94.8	50.3	64.1	69.4
REV	47R34	61.0	83.4	72.2	88.8	70.4	74.7	75.7	40.2	62.7	51.5	60.9	106.4	50.9	64.2	69.9
REV	48A26 *	68.8	84.0	76.4	81.3	81.0	72.5	77.5	47.1	67.4	57.3	68.8	104.4	42.2	66.0	71.7
REV	48A76 *	66.2	78.8	72.5	82.8	82.4	80.9	78.2	43.6	61.7	52.7	60.3	97.8	49.0	62.5	70.4
REV	49A75	62.3	73.5	67.9	81.2	74.0	69.7	72.2	44.2	60.6	52.4	61.4	108.2	43.0	63.5	67.8
REV	49R94	63.1	76.3	69.7	81.6	79.1	76.1	75.3	41.6	59.3	50.4	64.7	103.8	48.0	63.5	69.4
USG	7487XTS *	51.6	58.4	55.0	-	-	-	55.0	52.7	59.9	56.3	-	-	-	56.3	55.7
USG	7496XTS	60.2	81.5	70.9	-	-	-	70.9	46.5	62.5	54.5	-	-	-	54.5	62.7
USG	7497XT *	47.2	53.5	50.3	-	-	-	50.3	50.3	75.7	63.0	-	-	-	63.0	56.7
USG	74K95RS	57.3	64.3	60.8	68.9	61.3	58.2	62.0	46.6	57.6	52.1	55.1	80.6	53.5	58.7	60.3
Mean		58.8	72.2	65.5	76.3	71.3	68	67.5	45.2	62.2	53.8	58.7	100.5	46.7	59.9	63.7
LSD		5.7	8.7		6.7	7.5	6.9		6.6	7.4		7.2	10.3	7.7		
Error df		108	108		70	70	70		110	110		70	70	70		
CV		7.1	8.9		6.5	7.8	7.4		10.8	8.8		9	7.5	12.1		
R ²		70.4	64.6		74.9	72.5	74.5		50.3	71.4		57.1	64.4	70.3		

¹Variety followed by an asterisk indicates an experimental entry.

²Indicates averages including Xtend varieties.

³Location does not include Xtend varieties.