

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

Brand	Variety ¹	Stoneville	Stoneville	Xtend	Brooksville ²	Clarksdale ²	Longwood ²	Irrigated Avg. bu/A	Brooksville	Stoneville	Xtend	Falkner ²	Olive	Tippo ²	Non-Irr.	Overall Avg.
		(clay)	(loam)	Avg. ²	(clay)	(clay)	(clay)		(clay)	(clay)	(clay)	(clay)	(clay)	(clay)	(clay)	
		Irr. bu/A	Irr. bu/A	bu/A	Irr. bu/A	Irr. bu/A	Irr. bu/A		Non-Irr. bu/A	Non-Irr. bu/A	Non-Irr. bu/A	Non-Irr. bu/A	Non-Irr. bu/A	Non-Irr. bu/A	Non-Irr. bu/A	
AGS	GS45R216	73.5	80.1	76.8	84.2	70.0	73.0	76.2	50.9	68.8	59.8	59.2	100.1	42.5	64.3	70.2
Armor	46-D08	67.9	77.3	72.6	-	-	-	72.6	48.1	60.8	54.5	-	-	-	54.5	63.5
Asgrow	AG4632	69.9	75.2	72.6	79.6	66.8	67.0	71.7	43.5	60.5	52.0	59.5	105.2	44.0	62.5	67.1
Asgrow	AG42X6	69.8	79.3	74.5	-	-	-	74.5	44.7	47.9	46.3	-	-	-	46.3	60.4
Asgrow	AG44X6	68.4	70.4	69.4	-	-	-	69.4	50.4	63.8	57.1	-	-	-	57.1	63.2
Asgrow	AG45X6	69.7	70.6	70.1	-	-	-	70.1	44.2	61.8	53.0	-	-	-	53.0	61.6
Asgrow	AG46X6	79.1	75.3	77.2	-	-	-	77.2	46.1	76.0	61.1	-	-	-	61.1	69.1
Asgrow	AG46X7 *	78.4	71.9	75.2	-	-	-	75.2	46.8	74.3	60.6	-	-	-	60.6	67.9
Credenz	CZ 4181 RY	66.7	82.1	74.4	73.5	65.1	64.1	70.3	41.7	53.5	47.6	65.4	90.6	35.1	57.3	63.8
Credenz	CZ 4590 RY	66.8	86.3	76.5	79.7	60.0	50.9	68.7	49.3	58.7	54.0	54.9	107.0	30.0	60.0	64.4
Credenz	CZ 4656 RY	71.9	65.1	68.5	70.9	65.3	61.5	66.9	54.4	72.8	63.6	61.8	91.3	40.3	64.1	65.5
Delta Grow	4670RR2	66.7	69.7	68.2	76.6	69.3	69.9	70.4	51.3	65.5	58.4	57.6	104.3	30.9	61.9	66.2
Delta Grow	DG 4680RR2	74.5	73.6	74.1	79.1	72.6	70.2	74.0	51.5	57.9	54.7	61.5	95.3	40.0	61.2	67.6
Dyna-Gro	31RY45	69.3	78.0	73.6	78.4	69.0	73.8	73.7	52.0	61.8	56.9	64.3	101.4	43.6	64.6	69.2
Dyna-Gro	S43RY95	72.0	77.3	74.6	81.4	68.4	64.5	72.7	50.9	59.3	55.1	61.8	107.0	46.0	65.0	68.9
Dyna-Gro	S45XS66	73.9	72.8	73.4	-	-	-	73.4	50.8	69.9	60.3	-	-	-	60.3	66.8
Great Heart Seed	GT-4430XS	72.3	67.7	70.0	-	-	-	70.0	46.0	70.2	58.1	-	-	-	58.1	64.1
Great Heart Seed	GT-4540XS	80.5	76.3	78.4	-	-	-	78.4	47.9	73.2	60.5	-	-	-	60.5	69.5
Mycogen	5N414R2	69.6	81.4	75.5	81.6	62.5	61.9	71.4	45.1	58.0	51.5	61.2	101.4	37.8	60.7	66.0
Mycogen	5N424R2	63.2	74.5	68.8	79.8	59.5	64.4	68.3	42.7	49.1	45.9	54.2	88.1	31.5	53.1	60.7
Mycogen	5N433R2	68.2	72.7	70.5	87.7	68.7	70.3	73.5	45.6	60.8	53.2	57.6	102.5	40.3	61.4	67.5
Mycogen	5N452R2	74.6	75.6	75.1	79.3	62.0	67.8	71.9	54.7	66.8	60.7	61.8	94.6	48.1	65.2	68.5
NK	S39-C4	60.9	76.6	68.7	78.2	52.8	55.3	64.7	31.7	42.9	37.3	51.6	89.3	31.2	49.3	57.0
NK	S39-T3	62.1	81.5	71.8	77.2	62.5	61.0	68.9	41.3	45.7	43.5	60.0	97.6	41.3	57.2	63.0
NK	S42-P6	65.0	66.1	65.6	76.7	67.8	62.8	67.7	42.7	53.3	48.0	63.4	99.1	30.9	57.9	62.8
NK	S45-W9	60.0	82.0	71.0	78.8	77.5	64.5	72.6	50.8	45.8	48.3	54.1	104.8	38.2	58.8	65.7
Pioneer	P41T33R	70.2	76.9	73.6	81.6	68.4	72.0	73.8	44.7	54.2	49.5	56.2	95.9	33.0	56.8	65.3
Progeny	P 4516RXXS	77.0	76.7	76.8	-	-	-	76.8	48.7	73.9	61.3	-	-	-	61.3	69.1
Progeny	P 4588RY	67.1	71.8	69.4	65.5	64.8	64.0	66.6	45.9	56.6	51.3	57.3	92.6	34.7	57.4	62.0
Progeny	P4 620RXXS	67.6	73.7	70.7	-	-	-	70.7	45.0	59.1	52.0	-	-	-	52.0	61.4
Progeny	P 4613RYS	79.3	79.6	79.4	84.1	68.5	62.9	74.9	42.8	73.4	58.1	61.4	106.2	34.1	63.6	69.2
Progeny	P 4211RY	69.8	84.3	77.0	51.9	74.7	72.6	70.6	37.4	51.2	44.3	54.8	106.6	37.8	57.6	64.1
REV	45A46 *	76.0	86.4	81.2	86.5	67.7	68.3	77.0	45.2	71.0	58.1	66.9	96.0	38.6	63.6	70.3
Mean		70.4	76.1	73.2	77.8	66.6	65.6	72.0	46.5	61.2	53.8	59.4	98.9	37.7	59.0	65.5
LSD		5.7	8.5		7.2	7.4	7.4		5.5	7.8		9.4	11.5	6.2		
Error df		64	64		42	42	42		64	64		42	42	42		
CV		6	8.2		6.7	8.1	8.2		8.6	9.4		11.6	8.5	12		
r ²		70.8	51.7		76.9	74.1	64.3		72.6	81.4		38.9	45.5	73.1		

¹Variety followed by an asterisk indicates an experimental entry.

²Indicates averages including Xtend varieties.

³Location does not include Xtend varieties.