

Sampson MG4 - 2019

Company/Brand	Variety	Trait	Full Season	Doublecrop
			Yield (bu/A)	Yield (bu/A)
Southern Harvest	SH 4817 LL	LL	91.2	74.1
AgSouth Genetics	AGS GS 49X19	Xtend	90.7	74.8
Progeny	P4670RX	Xtend	88.4	82.3
Local Seed	LS4407X	Xtend	88.0	79.0
Local Seed	LS4889XS	Xtend/STS	87.6	74.7
Credenz	CZ 4280X	Xtend	87.1	64.0
UniSouth Genetics	USG 7480XT	Xtend	86.3	83.3
Local Seed	LS4583X	Xtend	85.2	62.8
DONMARIO	DM Exp	Xtend	83.5	74.0
Progeny	P4775E3	Enlist	83.1	71.5
MorSoy	MS 4846	Xtend	82.9	72.0
UniSouth Genetics	USG 7470XTS	Xtend/STS	82.0	67.8
Asgrow	AG47X9	Xtend	81.7	65.7
UniSouth Genetics	USG 7480ET	Enlist	81.1	80.2
Progeny	P4620RXS	Xtend/STS	81.0	66.3
Progeny	P4851RX	Xtend	80.6	65.3
Local Seed	LS4894X	Xtend	80.4	77.1
Progeny	P4999RX	Xtend	80.3	73.7
Southern Harvest	SH 4920 Enlist E3	Enlist	80.2	70.2
Local Seed	ZS4596GLS	GTLL/STS	79.9	66.9
Progeny	P4821RX	Xtend	79.3	73.8
DONMARIO	DM 48E73	Enlist/STS	79.2	67.2
REV	REV 4940X	Xtend	79.1	69.0
Progeny	P4930LL	LL	78.8	76.8
Local Seed	LS4798X	Xtend	78.0	68.2
Progeny	P4816RX	Xtend	77.9	69.5
Progeny	P4444RXS	Xtend/STS	77.7	70.4
Credenz	CZ 4649LL	LL	77.7	69.2
UniSouth Genetics	USG 7478XTS	Xtend/STS	77.5	78.9
Credenz	CZ 4979X	Xtend	77.3	77.3
Pioneer	P48A60X	Xtend	77.3	77.2
MorSoy	MS 4616	Xtend	76.6	68.5
Armor	ARMOR 47-D18	Xtend	76.5	68.4
UniSouth Genetics	USG 7487XTS	Xtend/STS	76.2	75.0
REV	REV 4927X	Xtend	76.2	73.6
REV	REV 4310X	Xtend	76.1	65.1
Local Seed	LS4565XS	Xtend/STS	75.7	71.2
Southern Harvest	SH 4619 LLGT	GTLL	75.5	77.8
Southern Harvest	SH 4820 Enlist E3	Enlist	74.3	72.5
Local Seed	LS4795XS	Xtend/STS	74.0	71.7
Local Seed	ZS4694E3S	Enlist	72.9	63.2
Progeny	P4799RXS	Xtend/STS	71.5	61.5
Local Seed	LS4299XS	Xtend/STS	71.5	68.3
Armor	ARMOR 48-D25	Xtend	71.3	75.7
Armor	ARMOR 46-D09	Xtend	70.6	74.9
Southern Harvest	SH 4019 LLGT	GTLL	70.4	63.3
Dyna-Gro	S48XT56	Xtend	70.3	70.8
Credenz	CZ 4770X	Xtend	70.3	77.6
UniSouth Genetics	USG 7479ET	Enlist	70.0	69.7
UniSouth Genetics	USG 7499ET	Enlist	70.0	72.2
Local Seed	LS4999X	Xtend	69.9	62.2
NK Brand	S49-F5X	Xtend	69.7	70.9
UniSouth Genetics	USG 7496XTS	Xtend/STS	69.0	67.8
AgSouth Genetics	AGS GS 48X18	Xtend	68.8	70.7
Dyna-Gro	S49XT39	Xtend	68.6	79.9
University of Missouri	S14-15138R	RR/STS	68.1	62.9
REV	REV 4679X	Xtend	67.9	61.3
Local Seed	ZS4797E3	Enlist	67.9	68.7
Armor	ARMOR 46-D30	Xtend	67.7	67.2
Credenz	CZ 4869X	Xtend	67.2	68.8
Virtue	V 4920 S	Conventional	67.0	70.0
Croplan	CP4719XS	Xtend/STS	65.6	75.0
Local Seed	LS4487XS	Xtend/STS	65.6	75.6
Credenz	CZ 4539GTLL	GTLL	65.2	75.6
Credenz	CZ 4570X	Xtend	62.6	76.9
Va Tech	V15-2259ST	STS	62.6	65.1
REV	REV 49R94	RR	62.1	64.7
Dyna-Gro	S46XS60	Xtend/STS	62.0	71.2
University of Missouri	S14-15146R	RR/STS	61.9	53.1
Asgrow	AG48X9	Xtend/SR	61.7	74.9
Va Tech	V16-2197R	RR	60.7	68.6
Petrus Seed	Petrus Seed 4916 GT	RR	60.5	63.5
University of Missouri	S13-10592C	Conventional	59.1	55.4
Southern Harvest	SH 4020 Enlist E3	Enlist	56.4	61.9
VA Crop Improvement	MO4901D GT	GT	55.3	69.4
Va Tech	V15-2287ST	STS	54.0	66.1
Credenz	CZ 4600X	Xtend	41.2	67.7
	Mean		73.2	70.4
	CV		10.3	8.7
	LSD (p=0.10)		8.0	6.7
	DF		187	220
	Avg SEM		3.8	3.1

Bolded varieties are not statistically different from the highest yielding variety