

3B Farms, Bath - MG3

Company/Brand	Variety	Yield (bu/A)
Asgrow	AG38X8	45.2
Pioneer	P39A58X	39.1
Southern Harvest	SH3814	38.6
Croplan	RX3950	38.1
Croplan	RX3806S	37.5
Dyna Gro	S39XT68	35.7
No significant differences in yield in this test!	Mean	39.0
	CV	14.3
	LSD (p=0.05)	not sig.

3B Farms, Bath - MG4

Company/Brand	Variety	Yield (bu/A)
Dyna Gro	S48XT56	51.9
Ag Venture	AV48V2E	51.5
UniSouth Genetics	7487XTS	51.3
Southern Harvest	SH4820	51.1
UniSouth Genetics	7496	50.7
Local Seed	LS4889XS	49.8
Croplan	RX4599S	49.3
Progeny	P4851RX	48.0
Southern Harvest	SH4019	45.9
Pioneer	P46A86X	45.7
Syngenta NK	S45-J3X	45.2
Pioneer	P44A72BX	44.2
Progeny	P4816RX	44.1
Rev Seed Company	4927X	44.0
DonMario	DM48E73	43.4
Dyna Gro	S43XS27	43.2
Ag Venture	AV49V9E	42.5
Dyna Gro	S41XS98	42.4
Asgrow	AG43X8	42.2
Syngenta NK	S49-F5X	41.7
Asgrow	AG48X9	41.7
Rev Seed Company	4940X	41.2
Southern Harvest	SH4619	40.9
Croplan	RX4719S	40.9
MorSoy	MS4616RX	39.4
MorSoy	MS4846RX	32.7
No significant differences in yield in this test!	Mean	44.8
	CV	19.1
	LSD (p=0.05)	not sig.

3B Farms, Bath - MG5

Company/Brand	Variety	Yield (bu/A)
Local Seed	LSX5701	54.5
Croplan	RX5010S	51.8
Southern Harvest	SH5215	49.1
Asgrow	AG52X9	46.7
Syngenta NK	S57-A7X	46.2
Pioneer	P53A67X	45.5
Croplan	RX5548	44.8
Southern Harvest	SH5120	44.5
Dyna Gro	S52RS86	43.9
Ag Venture	AV57V5X	43.5
Asgrow	AG56X8	43.1
MorSoy	MS5398RX	42.8
Ag Venture	AV56W6R	42.6
Syngenta NK	S53-F7X	41.4
Progeny	P5016RXS	40.5
UniSouth Genetics	7568XT	40.2
Local Seed	LS5588X	38.0
Pioneer	P52A26R	37.5
Rev Seed Company	5659X	37.1
Rev Seed Company	5190E	36.9
MorSoy	MS5607RX	36.6
UniSouth Genetics	7529XT	36.1
Progeny	P5688RX	35.9
Dyna Gro	S56XT99	35.5
Dyna Gro	S52XS39	26.2
	Mean	41.6
	CV	21.8
	LSD (p=0.05)	12.8 bu.

3B Farms, Bath - MG6

Company/Brand	Variety	Yield (bu/A)
MorSoy	MS6208RX	44.3
Southern Harvest	SH6815	43.5
Syngenta NK	S61-M2X	43.1
Progeny	P6461RX	40.5
Pioneer	63A47X	39.8
UniSouth Genetics	7698XT	38.9
Dyna Gro	S62XT09	38.8
Asgrow	AG64X8	38.3
Southern Harvest	SH6515	38.2
Syngenta NK	S69-P9X	37.5
Local Seed	LSX6501X	36.3
Progeny	P6722RXS	32.1
No significant differences in yield in this test!	Mean	39.3
	CV	11.0
	LSD (p=0.05)	not sig.

3B Farms, Bath - MG7

Company/Brand	Variety	Yield (bu/A)
Rev Seed Company	7100X	37.0
Progeny	P7082RX	33.4
Southern Harvest	SH7418	33.2
MorSoy	MS7057RX	31.6
Asgrow	AG74X8	25.9
No significant differences in yield in this test!	Mean	32.2
	CV	11.0
	LSD (p=0.05)	not sig.

Planting Dates: MG3 and MG4 tests on 5-15-19. MG5, MG6, and MG7 tests on 5-16-19.

All plots planted on 30 inch rows with a target population of 120,000 plants/acre.

Soil Types: Dogue Fine Sandy Loam, Wahee Fine Sandy Loam (both are considered mineral soils).

Weed Control: Conventional.

Each MG test was harvested when all varieties within each test reached physiological maturity.

Green yields are not significantly different from the highest yielding variety in that particular test.

Thanks to 3B Farms for the donation of land, equipment, and other resources needed to implement this test.

For more information:

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