

Entries in Georgia Soybean Performance Tests, 2020

Company or Brand Name	Variety	MG	Tests Included		Herbicide Tolerance		Seed Treatment
			OVT	Ultra-late	Biotech	Native Trait	
Asgrow	AG59X9 RR2X	5.9	5	Yes	RR2 Xtend	-	
Asgrow	AG64X8 RR2X	6.4	6	-	RR2 Xtend	-	Acceleron fungicide + insecticide
Asgrow	AG69X0 RR2X	6.9	6	Yes	RR2 Xtend	-	
Asgrow	AG74X8 RR2X	7.4	7	-	RR2 Xtend	-	
Credenz	CZ 4770X	4.7	4	Yes	RR2 Xtend	-	
Credenz	CZ 4869X	4.8	4	-	RR2 Xtend	-	
Credenz	CZ 4979X	4.9	4	Yes	RR2 Xtend	-	
Credenz	CZ 5299X	5.2	5	-	RR2 Xtend	-	
Credenz	CZ 5700X	5.7	5	-	RR2 Xtend	-	
Credenz	CZ 5859LL	5.8	5	Yes	LL	-	
Credenz	CZ 6020X	6.0	6	-	RR2 Xtend	-	Poncho Ileva
Credenz	CZ 6520LL	6.5	6	-	LL	-	
Credenz	CZ 6730LL	6.7	6	Yes	LL	-	
Credenz	CZ 6770X	6.7	6	Yes	RR2 Xtend	-	
Credenz	CZ 7007LL	7.0	7	-	LL	-	
Credenz	CZ 7380X	7.3	7	Yes	RR2 Xtend	-	
Credenz	CZ 7570LL	7.5	7	Yes	LL	-	
Don Mario	DM 49X13	4.9	4	-	RR2 Xtend	-	
Don Mario	DM 48E73	4.8	4	-	Enlist E3	-	Equity VIP
Don Mario	DM 51E01	5.1	6	Yes	Enlist E3	-	
Don Mario	DM 59E01	5.9	5	Yes	Enlist E3	-	
Dyna-Gro	S48XT90	4.8	4	-	RR2 Xtend	-	
Dyna-Gro	S49XT70	4.9	4	-	RR2 Xtend	-	
Dyna-Gro	S58XT30	5.8	5	Yes	RR2 Xtend	-	Equity VIP + Saltro
Dyna-Gro	S67XS90	6.7	6	Yes	RR2 Xtend	STS	
Dyna-Gro	S72XT80	7.2	7	Yes	RR2 Xtend	-	
Dyna-Gro	S74XT59	7.4	7	Yes	RR2 Xtend	-	
Local Seed	LS4795XS	4.7	4	-	RR2 Xtend	STS	
Local Seed	LS4798X	4.7	4	-	RR2 Xtend	-	
Local Seed	LS4806XS	4.8	4	-	RR2 Xtend	STS	
Local Seed	LS4999X	4.9	4	Yes	RR2 Xtend	-	
Local Seed	LS5009XS	5.0	5	Yes	RR2 Xtend	STS	
Local Seed	LS5087X	5.0	5	-	RR2 Xtend	-	Radius Premium
Local Seed	LS5386X	5.3	5	-	RR2 Xtend	-	
Local Seed	LS5797X	5.7	5	Yes	RR2 Xtend	-	
Local Seed	LS6206X	6.2	6	Yes	RR2 Xtend	-	
Local Seed	LS7099X	7.0	7	-	RR2 Xtend	-	
Local Seed	LS7305X	7.3	7	Yes	RR2 Xtend	-	
Local Seed	ZS5098E3	5.0	5	Yes	Enlist E3	-	
Mixon Seed	AGS 48E19	4.8	4	-	Enlist E3	-	
Mixon Seed	AGS 51E19	5.1	5	Yes	Enlist E3	-	
Mixon Seed	AGS 61G19	6.1	6	Yes	RR1	-	
Mixon Seed	AGS 677 LL	6.7	6	Yes	LL	-	
Mixon Seed	AGS 730R2X	7.3	7	-	RR2 Xtend	-	CruiserMaxx Vibrance
Mixon Seed	AGS 738 RR	7.3	7	-	RR 1	-	
Mixon Seed	AGS 747 LL	7.4	7	-	LL	-	
Mixon Seed	AGS GS49X19	4.9	4	Yes	RR2 Xtend	-	
Mixon Seed	AGS GS52X19S	5.1	5	Yes	RR2 Xtend	-	
Mixon Seed	AGS Woodruff	8.1	7	Yes	Conventional	-	
MorSoy	MS 4616 RXT	4.6	4	-	RR2 Xtend	STS	
MorSoy	MS 4800E	4.8	4	-	Enlist E3	-	Avicta Complete Soybeans
MorSoy	MS 4846 RXT	4.8	4	-	RR2 Xtend	-	
MorSoy	MS 5110E	5.1	5	Yes	Enlist E3	-	
MorSoy	MS 5607 RXT	5.6	5	Yes	RR2 Xtend	-	

Entries in Georgia Soybean Performance Tests, 2020 (Continued)

Company or Brand Name	Variety	MG	Tests Included		Herbicide Tolerance		Seed Treatment
			OVT	Ultra-late	Biotech	Native Trait	
MorSoy	MS 6208 RXT	6.2	6	Yes	RR2 Xtend	-	Avicta Complete Soybeans
MorSoy	MS 6950 RXT	6.9	6	Yes	RR2 Xtend	-	
MorSoy	MS 7057 RXT	7.0	7	Yes	RR2 Xtend	-	
MU	MO 4901D GT (Public)	4.9	4	Yes	RR1	-	Warden RTA
MU	S16-11651C	5.3	5	-	Conventional	-	
MU	S16-15170C	5.3	5	-	Conventional	-	
MU	S16-3747RY	5.0	5	-	RR2	-	
MU	S16-5540R	4.6	4	-	RR1	-	
MU	S16-7922C	4.9	4	-	Conventional	-	
NK Brand	S61-M2X	6.1	5	Yes	RR2 Xtend	-	Crusiermaxx Beans + Vibrance + Saltro
NK Brand	S69-P9X	6.9	6	Yes	RR2 Xtend	-	
NK Brand	S77-Y4X	7.7	6	-	RR2 Xtend	-	
Pioneer	P48A60x	4.8	4	-	RR2 Xtend	-	
Pioneer	P55A49x	5.5	5	Yes	RR2 Xtend	-	
Pioneer	P72A21x	7.2	7	-	RR2 Xtend	-	
Pioneer	P76T54R2	7.6	7	Yes	RR2	-	
SCCIA	Cheraw (Public)	8	7	-	RR1	-	
SCCIA	Paul (Public)	8	7	-	RR1	-	
SCCIA	TN11-5140	5.7	7	-	Conventional	-	
Southern Harvest	SH 6020 LL/STS	6.0	6	Yes	LL	STS	Avicta Complete Beans 500
Southern Harvest	SH 6515 LL/STS	6.5	6	-	LL	STS	
Southern Harvest	SH 6815 LL	6.8	6	Yes	LL	-	
Southern Harvest	SH 7418 LL	7.4	7	-	LL	-	
U of A	R13-14635RR	5.4	5	-	RR1	-	Intego Suite + Aveo EZ
U of A	R15-2422	4.7	4	-	Conventional	-	
U of A	R16-259	4.6	4	-	Conventional	-	
UGA	G13-2842R2	6	6	-	RR2	-	CruiserMaxx Vibrance
UGA	G13-3461R2	7	7	-	RR2	-	
UGA	G14-4364R2	7	7	-	RR2	-	
UGA	G14-4396R2	7	7	-	RR2	-	
UGA	G14-6063	6	6	-	Conventional	-	
UGA	G15-1038R2	6	6	-	RR2	-	
UGA	G15-1811R2	6		-	RR2	-	
UGA	G15-2379R2	7	7	-	RR2	-	
UGA	G15-3361R2	6	6	-	RR2	-	
UGA	G15LL-9205	7	7	-	LL	-	
UGA	G15PR-340	6	6	-	Conventional	-	
UGA	G15PRLL-953	7	7	-	LL	-	
UGA	G15PRLL-989	7	7	-	LL	-	
UGA	G17PR-1053HOLLR1	7	7	-	RR1	-	
UGA	G17PR-1207HOLL	7	7	-	Conventional	-	
UniSouth	USG 7480XT	4.8	4	-	RR2 Xtend	-	
UniSouth	USG 7529XTS	5.2	5	Yes	RR2 Xtend	STS	
UniSouth	USG 7571XT	5.7	5	Yes	RR2 Xtend	-	
UniSouth	USG 7691XT	6.7	6	Yes	RR2 Xtend	-	Rancona Summit
VT	V12-1416ST	5.1	5	-	RR1	-	
VT	V15-2259ST	4.9	4	-	Conventional	STS	
VT	V15-2261ST	5.2	5	-	Conventional	STS	

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2020

Company or Brand Name	Variety	bu/acre							Statewide Average		
		Rome	Athens	Griffin	Plains	Midville	Tifton	Attapulgus	2020	2-Yr	3-Yr
<u>Maturity Group IV</u>											
Credenz	CZ 4770X	52.6	.	23.2	.	.	61.1	.	45.7	.	.
Credenz	CZ 4869X	52.3	.	29.3	.	.	64.4	.	48.6	50.0	.
Credenz	CZ 4979X	63.8	.	21.7	.	.	56.0	.	47.2	53.5	.
Don Mario	DM 48E73	60.2	.	23.6	.	.	61.0	.	48.3	.	.
Don Mario	DM 49X13	50.0	.	28.3	.	.	63.0	.	47.1	.	.
Dyna-Gro	S48XT90	52.9	.	28.1	.	.	60.6	.	47.2	.	.
Dyna-Gro	S49XT70	56.2	.	17.3	.	.	59.9	.	44.5	51.1	.
Local Seed	LS4795XS	65.6	.	29.0	.	.	68.4	.	54.4	55.4	.
Local Seed	LS4798X	62.6	.	25.6	.	.	69.3	.	52.5	57.9	.
Local Seed	LS4999X	59.1	.	28.0	.	.	64.0	.	50.4	58.1	.
Local Seed	LS4806XS	60.1	.	26.8	.	.	64.7	.	50.5	.	.
Mixon Seed	AGS 48E19	69.4	.	30.2	.	.	62.6	.	54.1	.	.
Mixon Seed	AGS GS49X19	66.4	.	26.0	.	.	58.1	.	50.2	56.2	.
MorSoy	MS 4616 RXT	59.7	.	25.5	.	.	61.2	.	48.8	.	.
MorSoy	MS 4800E	62.6	.	28.7	.	.	66.2	.	52.5	.	.
MorSoy	MS 4846 RXT	55.3	.	21.8	.	.	56.8	.	44.6	.	.
MU	MO 4901D GT (Public)	48.0	.	29.0	.	.	55.7	.	44.2	.	.
MU	S16-5540R	52.6	.	31.1	.	.	57.4	.	47.0	.	.
MU	S16-7922C	58.0	.	23.4	.	.	55.3	.	45.5	.	.
Pioneer	P48A60x	67.4	.	31.4	.	.	69.6	.	56.1	56.9	.
U of A	R15-2422	50.0	.	22.7	.	.	47.2	.	40.0	.	.
U of A	R16-259	48.6	.	18.2	.	.	57.3	.	41.4	.	.
UniSouth	USG 7480XT	54.7	.	27.6	.	.	67.2	.	49.9	.	.
VA Tech	V15-2259ST	48.6	.	25.5	.	.	53.9	.	42.7	53.0	.
Average		57.2	-	25.9	-	-	60.9	-	47.9	54.7	-
LSD at 10% Level		8.9	-	6.3	-	-	6.8	-	4.6	5.2	-
Model R-square		0.62	-	0.56	-	-	0.65	-	0.89	0.75	-
<u>Maturity Group V</u>											
Asgrow	AG59X9 RR2X	51.0	78.6	.	62.9	68.9	54.7	50.7	61.1	57.1	58.0
Credenz	CZ 5299X	36.4	78.1	.	60.3	60.2	52.6	67.2	59.1	57.7	.
Credenz	CZ 5700X	50.2	76.7	.	66.2	65.2	51.8	47.5	59.6	57.7	.
Credenz	CZ 5859LL	46.3	85.1	.	68.1	58.9	68.1	56.9	63.9	57.2	60.2
Don Mario	DM 59E01	48.0	86.2	.	68.9	63.5	62.8	61.2	65.1	.	.
Dyna-Gro	S58XT30	57.5	78.3	.	71.7	69.5	52.3	43.8	62.2	.	.
Local Seed	LS5009XS	52.5	86.0	.	68.4	65.9	58.8	61.6	65.5	.	.
Local Seed	LS5087X	40.7	80.7	.	74.8	66.7	58.4	56.5	63.0	.	.
Local Seed	LS5386X	38.5	84.7	.	67.7	71.8	47.9	62.6	62.2	57.1	.
Local Seed	LS5797X	58.4	72.9	.	75.0	68.3	57.5	46.4	63.1	.	.
Local Seed	ZS5098E3	46.4	81.2	.	70.6	59.0	62.7	64.2	64.0	.	.
Mixon Seed	AGS 51E19	50.5	77.0	.	64.1	65.4	54.7	59.3	61.9	.	.
Mixon Seed	AGS GS52X19S	44.5	81.6	.	59.0	61.8	56.2	64.6	61.3	58.4	.
MorSoy	MS 5110E	42.2	82.4	.	58.0	72.1	54.3	55.1	60.7	.	.
MorSoy	MS 5607 RXT	54.8	86.1	.	71.5	64.2	54.9	57.9	64.9	60.9	62.8
MU	S16-11651C	49.1	80.5	.	70.4	65.1	58.9	63.2	64.5	.	.
MU	S16-15170C	55.7	80.3	.	61.2	70.3	62.8	61.8	65.3	.	.
MU	S16-3747RY	48.9	76.8	.	72.1	67.0	57.4	52.8	62.5	.	.
NK Brand	S61-M2X	54.0	77.4	.	73.2	64.9	52.2	60.6	63.7	.	.
Pioneer	P55A49x	40.2	85.6	.	66.0	79.2	59.4	53.6	64.0	59.6	62.1
U of A	R13-14635RR	40.7	81.3	.	58.8	68.5	52.7	60.2	60.4	.	.
UniSouth	USG 7529XTS	48.3	86.4	.	63.1	68.2	56.3	65.2	64.6	.	.
UniSouth	USG 7571XT	45.4	86.9	.	73.8	67.0	53.2	60.8	64.5	.	.
VA Tech	V12-1416ST	38.6	83.9	.	60.2	68.3	56.1	49.6	59.5	54.0	56.2
VA Tech	V15-2261ST	46.5	83.6	.	60.5	61.6	43.5	55.5	58.5	.	.
Average		47.4	81.5	-	66.7	66.5	56.0	57.6	62.5	57.8	59.9
LSD at 10% Level		10.5	6.5	-	8.6	6.6	7.1	5.7	NS	2.9	2.3
Model R-square		0.74	0.51	-	0.54	0.60	0.60	0.78	0.68	0.75	0.78

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2020 (Continued)

Company or Brand Name	Variety	Rome	Athens	Griffin	Plains	Midville	Tifton	Attapulgus	Statewide Average		
									2020	2-Yr	3-Yr
----- bu/acre -----											
Maturity Group VI											
Asgrow	AG64X8 RR2X	58.8	75.5	.	67.1	70.6	62.5	45.8	63.4	57.5	.
Asgrow	AG69X0 RR2X	49.7	85.3	.	72.0	71.6	68.9	49.7	66.2	59.0	.
Credenz	CZ 6020X	52.1	79.1	.	65.5	63.2	45.5	39.6	57.5	56.1	.
Credenz	CZ 6520LL	49.4	77.3	.	59.1	62.6	59.3	56.9	60.8	58.0	.
Credenz	CZ 6730LL	66.1	81.3	.	67.8	72.7	51.4	42.8	63.7	59.6	.
Credenz	CZ 6770X	58.3	75.0	.	65.1	65.7	54.1	50.6	61.5	56.6	.
Don Mario	DM 51E01	62.0	82.0	.	50.9	64.8	50.7	58.8	61.6	.	.
Dyna-Gro	S67XS90	51.4	74.6	.	67.1	66.2	58.1	51.2	61.4	57.3	.
Local Seed	LS6206X	63.2	84.2	.	70.7	68.1	61.6	51.5	66.6	.	.
Mixon Seed	AGS 61G19	49.8	63.0	.	63.6	61.9	53.1	54.2	57.6	55.9	.
Mixon Seed	AGS 677 LL	62.0	73.7	.	64.3	65.8	55.4	56.2	62.9	.	.
MorSoy	MS 6208 RXT	45.6	82.9	.	76.0	75.0	65.5	53.7	66.5	61.4	62.2
MorSoy	MS 6950 RXT	57.1	81.1	.	69.2	71.9	52.5	46.2	63.0	.	.
NK Brand	S69-P9X	56.4	72.8	.	66.9	64.7	54.3	49.7	60.8	.	.
NK Brand	S77-Y4X	51.0	75.5	.	72.8	58.5	68.2	47.3	62.2	.	.
Southern Harvest	SH 6020 LL/STS	55.3	71.5	.	64.1	62.4	55.5	55.8	60.8	57.2	.
Southern Harvest	SH 6515 LL/STS	59.3	74.9	.	65.8	61.4	52.6	58.1	62.0	57.9	59.4
Southern Harvest	SH 6815 LL	56.5	70.7	.	63.3	61.3	58.4	55.1	60.9	56.3	57.8
UGA	G13-2842R2	50.2	76.8	.	68.6	69.3	59.1	43.6	61.3	58.2	59.2
UGA	G14-6063	54.4	76.5	.	73.3	67.0	55.5	49.4	62.7	59.3	59.3
UGA	G15-1038R2	58.1	66.5	.	62.5	66.9	62.9	55.0	62.0	.	.
UGA	G15-3361R2	53.7	72.0	.	61.8	65.4	57.1	49.4	59.9	.	.
UGA	G15PR-340	50.1	70.0	.	66.1	58.4	54.3	51.9	58.5	52.3	54.7
UniSouth	USG 7691XT	50.8	82.8	.	65.2	74.1	56.2	46.4	62.6	.	.
Average		54.8	76.1	-	66.0	66.3	56.7	50.8	61.7	57.4	58.8
LSD at 10% Level		NS	8.3	-	6.0	6.4	5.8	5.2	3.5	2.5	2.0
Model R-square		0.43	0.57	-	0.66	0.58	0.73	0.72	0.67	0.79	0.79

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2020 (Continued)

Company or Brand Name	Variety	Plains							Statewide Average		
		Athens	Griffin	Early	Late	Midville	Tifton	Attapulcus	2020	2-Yr	3-Yr
----- bu/acre -----											
Maturity Group VII and VIII											
Asgrow	AG74X8 RR2X	70.2	25.3	77.3	52.8	72.6	61.3	51.2	58.7	.	.
Credenz	CZ 7007LL	67.0	26.7	70.7	53.0	60.8	53.3	52.4	54.8	50.6	52.4
Credenz	CZ 7380X	68.1	22.8	80.2	56.0	75.2	67.0	57.6	61.0	55.2	.
Credenz	CZ 7570LL	59.8	28.3	73.8	62.4	61.3	56.7	43.3	55.1	51.7	.
Dyna-Gro	S72XT80	79.9	28.9	76.2	63.3	72.0	51.3	53.6	60.7	53.0	.
Dyna-Gro	S74XT59	68.5	18.6	77.8	56.3	61.2	61.8	52.8	56.7	.	.
Local Seed	LS7099X	69.5	26.1	74.4	52.0	62.8	55.0	54.8	56.4	.	.
Local Seed	LS7305X	80.4	14.3	75.1	49.7	66.0	48.2	48.0	54.5	.	.
Mixon Seed	AGS 730R2X	81.8	9.5	78.8	52.6	72.0	63.0	55.7	59.0	56.4	.
Mixon Seed	AGS 738 RR	69.0	15.3	69.6	53.7	68.8	57.2	54.4	55.4	52.0	53.7
Mixon Seed	AGS 747 LL	65.3	19.3	75.2	57.4	67.9	62.4	52.3	57.1	52.0	52.9
Mixon Seed	AGS Woodruff	41.9	29.0	66.1	58.8	62.5	56.7	56.5	53.1	.	.
MorSoy	MS 7057 RXT	70.7	20.2	73.4	59.8	65.7	60.0	56.4	58.0	54.2	55.3
Pioneer	P72A21x	79.6	11.2	72.6	55.4	64.4	54.6	54.4	56.0	53.5	54.9
Pioneer	P76T54R2	72.4	29.1	78.6	53.0	72.4	55.3	51.1	58.9	55.0	56.4
SCCIA	Cheraw (Public)	68.3	25.6	69.5	55.1	62.2	62.9	54.1	56.8	50.6	51.2
SCCIA	Paul (Public)	62.1	22.7	74.7	60.8	70.0	48.7	33.3	53.2	50.3	51.8
SCCIA	TN11-5140	68.9	21.0	69.1	51.7	61.4	50.0	53.6	53.7	.	.
Southern Harvest	SH 7418 LL	60.0	20.9	75.4	54.1	64.3	61.6	59.9	56.6	55.6	56.8
UGA	G13-3461R2	63.5	26.6	78.1	63.5	65.9	53.9	48.2	57.1	54.5	55.6
UGA	G14-4364R2	63.6	27.6	76.1	58.9	67.3	64.3	54.8	59.0	54.9	56.7
UGA	G14-4396R2	77.7	23.9	77.7	58.5	71.7	62.4	49.5	60.2	56.3	56.9
UGA	G15-2379R2	65.6	21.3	75.3	60.1	67.6	62.3	55.8	58.3	.	.
UGA	G15LL-9205	58.3	25.5	76.3	53.6	61.6	61.2	63.7	57.2	55.5	.
UGA	G15PRLL-953	66.2	19.0	73.8	64.9	70.4	64.6	54.8	59.1	55.7	57.6
UGA	G15PRLL-989	63.6	22.9	74.4	63.6	68.9	65.1	56.8	59.3	55.7	56.7
UGA	G17PR-1053HOLLR1	70.7	23.7	70.8	57.5	60.7	60.1	52.6	56.6	52.8	.
UGA	G17PR-1207HOLL	59.2	20.0	72.1	66.4	66.5	57.3	56.2	56.8	53.8	.
Average		68.0	22.5	74.5	57.1	66.6	58.5	53.3	57.2	53.8	54.9
LSD at 10% Level		11.3	NS	6.0	7.6	6.5	4.6	6.6	3.6	2.5	2.1
Model R-square		0.63	0.52	0.48	0.50	0.56	0.77	0.68	0.84	0.88	0.87

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Yields are calculated as 60 pounds per bushel at 13% moisture.

Statewide Summary: MG IV-VIII Soybean Variety Characteristics, 2020

Company or Brand Name	Variety	Statewide Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
Maturity Group IV									
Credenz	CZ 4770X	45.7	.	.	10/01	27	1.3	3,052	3.7
Credenz	CZ 4869X	48.6	50.0	.	09/28	31	1.6	3,251	4.0
Credenz	CZ 4979X	47.2	53.5	.	10/05	30	1.4	3,598	3.3
Don Mario	DM 48E73	48.3	.	.	10/02	27	1.0	3,279	4.7
Don Mario	DM 49X13	47.1	.	.	10/04	29	1.3	2,966	3.3
Dyna-Gro	S48XT90	47.2	.	.	10/03	28	1.3	2,794	4.3
Dyna-Gro	S49XT70	44.5	51.1	.	10/02	28	1.2	2,884	4.7
Local Seed	LS4795XS	54.4	55.4	.	09/28	27	1.3	3,073	3.3
Local Seed	LS4798X	52.5	57.9	.	10/07	32	1.3	2,835	4.7
Local Seed	LS4999X	50.4	58.1	.	10/02	31	1.2	2,831	4.3
Local Seed	LS4806XS	50.5	.	.	10/05	28	1.2	2,727	4.3
Mixon Seed	AGS 48E19	54.1	.	.	10/04	36	1.4	3,362	4.0
Mixon Seed	AGS GS49X19	50.2	56.2	.	10/02	30	1.4	3,400	3.7
MorSoy	MS 4616 RXT	48.8	.	.	10/06	28	1.3	3,070	4.3
MorSoy	MS 4800E	52.5	.	.	09/26	27	1.2	3,018	5.0
MorSoy	MS 4846 RXT	44.6	.	.	10/06	27	1.0	2,432	4.7
MU	MO 4901D GT (Public)	44.2	.	.	10/06	29	1.2	3,248	3.0
MU	S16-5540R	47.0	.	.	10/09	28	1.3	3,124	3.0
MU	S16-7922C	45.5	.	.	10/10	30	1.3	3,706	2.0
Pioneer	P48A60x	56.1	56.9	.	10/02	29	1.3	2,769	5.0
U of A	R15-2422	40.0	.	.	10/02	32	2.3	3,589	3.7
U of A	R16-259	41.4	.	.	10/07	28	1.1	2,971	2.7
UniSouth	USG 7480XT	49.9	.	.	10/09	28	1.3	2,821	3.7
VA Tech	V15-2259ST	42.7	53.0	.	09/28	25	1.0	3,829	2.7
Average		47.9	54.7	-	10/03	29	1.3	3,110	3.8
LSD at 10% Level		4.6	5.2	-	6	2	0.3	230	0.7
Model R-square		0.89	0.75	-	0.59	0.86	0.62	0.86	0.77
Maturity Group V									
Asgrow	AG59X9 RR2X	61.1	57.1	58.0	10/14	30	1.2	3,510	2.9
Credenz	CZ 5299X	59.1	57.7	.	10/11	34	1.8	3,379	2.5
Credenz	CZ 5700X	59.6	57.7	.	10/14	30	1.2	3,134	3.1
Credenz	CZ 5859LL	63.9	57.2	60.2	10/11	29	1.7	2,716	3.8
Don Mario	DM 59E01	65.1	.	.	10/11	41	2.4	3,195	3.7
Dyna-Gro	S58XT30	62.2	.	.	10/14	31	1.2	3,035	3.0
Local Seed	LS5009XS	65.5	.	.	10/11	38	2.7	2,793	3.9
Local Seed	LS5087X	63.0	.	.	10/09	36	1.8	2,699	4.1
Local Seed	LS5386X	62.2	57.1	.	10/09	37	1.6	2,924	3.1
Local Seed	LS5797X	63.1	.	.	10/15	32	1.4	3,179	3.2
Local Seed	ZS5098E3	64.0	.	.	10/08	41	2.4	2,965	4.3
Mixon Seed	AGS 51E19	61.9	.	.	10/08	34	2.1	2,981	4.2
Mixon Seed	AGS GS52X19S	61.3	58.4	.	10/11	34	2.0	3,264	2.8
MorSoy	MS 5110E	60.7	.	.	10/09	33	2.3	2,901	5.0
MorSoy	MS 5607 RXT	64.9	60.9	62.8	10/08	31	2.0	2,797	3.0
MU	S16-11651C	64.5	.	.	10/11	33	1.9	2,933	3.7
MU	S16-15170C	65.3	.	.	10/10	34	1.4	2,511	3.9
MU	S16-3747RY	62.5	.	.	10/09	31	2.1	2,516	3.7
NK Brand	S61-M2X	63.7	.	.	10/13	34	2.0	3,250	3.3
Pioneer	P55A49x	64.0	59.6	62.1	10/08	25	1.1	3,114	3.3
U of A	R13-14635RR	60.4	.	.	10/07	37	1.6	3,158	3.3
UniSouth	USG 7529XTS	64.6	.	.	10/09	34	1.8	3,253	2.8
UniSouth	USG 7571XT	64.5	.	.	10/08	30	1.8	2,716	3.6
VA Tech	V12-1416ST	59.5	54.0	56.2	10/10	28	1.1	2,988	2.4
VA Tech	V15-2261ST	58.5	.	.	10/10	29	1.2	2,908	3.9
Average		62.5	57.8	59.9	10/10	33	1.7	2,992	3.5
LSD at 10% Level		NS	2.9	2.3	1	2	0.4	155	0.5
Model R-square		0.68	0.75	0.78	0.73	0.79	0.54	0.86	0.66

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2020

Company or Brand Name	Variety	Statewide Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
<u>Maturity Group VI</u>									
Asgrow	AG64X8 RR2X	63.4	57.5	.	10/17	34	1.3	3,359	3.2
Asgrow	AG69X0 RR2X	66.2	59.0	.	10/20	35	1.1	2,875	3.4
Credenz	CZ 6020X	57.5	56.1	.	10/15	31	1.2	3,716	4.1
Credenz	CZ 6520LL	60.8	58.0	.	10/17	34	1.2	2,826	2.8
Credenz	CZ 6730LL	63.7	59.6	.	10/17	31	1.4	3,251	2.7
Credenz	CZ 6770X	61.5	56.6	.	10/18	36	1.3	3,407	3.2
Don Mario	DM 51E01	61.6	.	.	10/10	37	2.3	3,302	3.0
Dyna-Gro	S67XS90	61.4	57.3	.	10/17	35	1.3	3,378	3.5
Local Seed	LS6206X	66.6	.	.	10/16	32	1.4	3,163	3.5
Mixon Seed	AGS 61G19	57.6	55.9	.	10/13	38	2.9	3,268	3.3
Mixon Seed	AGS 677 LL	62.9	.	.	10/14	33	1.3	3,017	2.6
MorSoy	MS 6208 RXT	66.5	61.4	62.2	10/16	32	1.5	3,074	3.2
MorSoy	MS 6950 RXT	63.0	.	.	10/17	34	1.4	3,393	2.9
NK Brand	S69-P9X	60.8	.	.	10/18	33	1.7	3,853	3.7
NK Brand	S77-Y4X	62.2	.	.	10/23	37	1.8	3,542	3.5
Southern Harvest	SH 6020 LL/STS	60.8	57.2	.	10/14	32	1.1	3,059	2.7
Southern Harvest	SH 6515 LL/STS	62.0	57.9	59.4	10/14	33	1.4	3,080	2.3
Southern Harvest	SH 6815 LL	60.9	56.3	57.8	10/17	35	1.9	3,035	2.9
UGA	G13-2842R2	61.3	58.2	59.2	10/19	34	1.4	3,117	3.4
UGA	G14-6063	62.7	59.3	59.3	10/13	34	1.9	2,800	2.1
UGA	G15-1038R2	62.0	.	.	10/17	35	2.1	3,336	4.0
UGA	G15-3361R2	59.9	.	.	10/16	36	1.6	3,655	2.1
UGA	G15PR-340	58.5	52.3	54.7	10/16	34	2.0	3,632	3.8
UniSouth	USG 7691XT	62.6	.	.	10/18	33	1.4	3,269	3.3
Average		61.7	57.4	58.8	10/16	34	1.6	3,287	3.1
LSD at 10% Level		3.5	2.5	2.0	1	2	0.3	180	0.6
Model R-square		0.67	0.79	0.79	0.81	0.81	0.46	0.86	0.47

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2020

Company or Brand Name	Variety	Statewide Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
Maturity Group VII and VIII									
Asgrow	AG74X8 RR2X	58.7	.	.	10/23	32	1.5	2,800	3.5
Credenz	CZ 7007LL	54.8	50.6	52.4	10/20	32	2.4	2,945	3.7
Credenz	CZ 7380X	61.0	55.2	.	10/23	32	1.4	2,769	3.3
Credenz	CZ 7570LL	55.1	51.7	.	10/22	32	1.7	2,693	2.8
Dyna-Gro	S72XT80	60.7	53.0	.	10/23	31	1.5	3,473	3.8
Dyna-Gro	S74XT59	56.7	.	.	10/23	32	2.0	3,158	3.1
Local Seed	LS7099X	56.4	.	.	10/22	32	1.4	3,260	2.9
Local Seed	LS7305X	54.5	.	.	10/21	30	1.2	3,400	3.6
Mixon Seed	AGS 730R2X	59.0	56.4	.	10/23	32	1.5	2,762	4.0
Mixon Seed	AGS 738 RR	55.4	52.0	53.7	10/19	30	1.6	3,497	3.0
Mixon Seed	AGS 747 LL	57.1	52.0	52.9	10/21	35	2.1	3,285	3.3
Mixon Seed	AGS Woodruff	53.1	.	.	10/22	33	2.1	3,442	3.3
MorSoy	MS 7057 RXT	58.0	54.2	55.3	10/20	33	1.4	3,197	2.9
Pioneer	P72A21x	56.0	53.5	54.9	10/21	29	1.4	2,796	3.3
Pioneer	P76T54R2	58.9	55.0	56.4	10/23	34	1.6	3,574	3.8
SCCIA	Cheraw (Public)	56.8	50.6	51.2	10/24	36	1.6	3,278	3.2
SCCIA	Paul (Public)	53.2	50.3	51.8	10/24	33	1.9	3,662	2.1
SCCIA	TN11-5140	53.7	.	.	10/17	31	1.6	3,127	2.8
Southern Harvest	SH 7418 LL	56.6	55.6	56.8	10/21	32	1.4	2,900	2.9
UGA	G13-3461R2	57.1	54.5	55.6	10/18	30	1.5	3,044	3.1
UGA	G14-4364R2	59.0	54.9	56.7	10/22	33	1.6	2,897	3.0
UGA	G14-4396R2	60.2	56.3	56.9	10/20	32	2.5	3,200	3.1
UGA	G15-2379R2	58.3	.	.	10/21	33	1.6	3,422	2.7
UGA	G15LL-9205	57.2	55.5	.	10/23	32	2.1	3,357	2.0
UGA	G15PRLL-953	59.1	55.7	57.6	10/24	33	1.9	3,094	2.2
UGA	G15PRLL-989	59.3	55.7	56.7	10/19	35	2.6	3,034	2.8
UGA	G17PR-1053HOLLR1	56.6	52.8	.	10/17	31	1.6	3,417	2.7
UGA	G17PR-1207HOLL	56.8	53.8	.	10/21	33	1.9	3,057	3.3
Average		57.2	53.8	54.9	10/21	32	1.7	3,152	3.1
LSD at 10% Level		3.6	2.5	2.1	1	2	0.3	149	0.4
Model R-square		0.84	0.88	0.87	0.89	0.89	0.44	0.86	0.58

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Yields are calculated as 60 pounds per bushel at 13% moisture.

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Tifton, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant		Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr		Height in	Lodg. ² rating		
		-----bu/acre-----							
Maturity Group IV									
Pioneer	P48A60x	69.6	68.9	.	.	34	2.0	2,769	5.0
Local Seed	LS4798X	69.3	70.7	.	.	39	2.0	2,835	4.7
Local Seed	LS4795XS	68.4	66.6	.	.	33	2.0	3,073	3.3
UniSouth	USG 7480XT	67.2	.	.	.	35	2.0	2,821	3.7
MorSoy	MS 4800E	66.2	.	.	.	33	1.7	3,018	5.0
Local Seed	LS4806XS	64.7	.	.	.	33	1.7	2,727	4.3
Credenz	CZ 4869X	64.4	67.0	.	.	38	2.7	3,251	4.0
Local Seed	LS4999X	64.0	65.3	.	.	38	1.7	2,831	4.3
Don Mario	DM 49X13	63.0	.	.	.	38	2.0	2,966	3.3
Mixon Seed	AGS 48E19	62.6	.	.	.	45	2.3	3,362	4.0
MorSoy	MS 4616 RXT	61.2	.	.	.	36	2.0	3,070	4.3
Credenz	CZ 4770X	61.1	.	.	.	34	2.0	3,052	3.7
Don Mario	DM 48E73	61.0	.	.	.	31	1.0	3,279	4.7
Dyna-Gro	S48XT90	60.6	.	.	.	35	2.0	2,794	4.3
Dyna-Gro	S49XT70	59.9	58.8	.	.	33	1.7	2,884	4.7
Mixon Seed	AGS GS49X19	58.1	66.4	.	.	37	2.3	3,400	3.7
MU	S16-5540R	57.4	.	.	.	33	2.0	3,124	3.0
U of A	R16-259	57.3	.	.	.	33	1.3	2,971	2.7
MorSoy	MS 4846 RXT	56.8	.	.	.	30	1.0	2,432	4.7
Credenz	CZ 4979X	56.0	63.5	.	.	39	2.3	3,598	3.3
MU	MO 4901D GT	55.7	.	.	.	31	1.7	3,248	3.0
MU	S16-7922C	55.3	.	.	.	35	2.0	3,706	2.0
VA Tech	V15-2259ST	53.9	65.8	.	.	28	1.0	3,829	2.7
U of A	R15-2422	47.2	.	.	.	46	5.0	3,589	3.7
Average		60.9	65.9	-	-	35	2.0	3,110	3.8
LSD at 10% Level		6.8	NS	-	-	2	0.6	230	0.7
Model R-square		0.65	0.35	-	-	0.93	0.84	0.86	0.77
Maturity Group V									
Credenz	CZ 5859LL	68.1	64.7	64.1	10/08	27	1.7	2,993	3.8
Don Mario	DM 59E01	62.8	.	.	10/07	35	2.3	3,540	3.7
MU	S16-15170C	62.8	.	.	10/08	31	1.0	2,574	4.3
Local Seed	ZS5098E3	62.7	.	.	10/05	35	2.0	3,233	4.5
Pioneer	P55A49x	59.4	64.6	65.3	10/03	26	1.0	3,419	3.3
MU	S16-11651C	58.9	.	.	10/05	31	2.7	3,248	3.8
Local Seed	LS5009XS	58.8	.	.	10/07	33	2.0	2,921	4.7
Local Seed	LS5087X	58.4	.	.	10/07	31	1.3	2,883	4.7
Local Seed	LS5797X	57.5	.	.	10/10	29	1.0	3,508	3.7
MU	S16-3747RY	57.4	.	.	10/07	30	2.7	2,832	3.5
UniSouth	USG 7529XTS	56.3	.	.	10/04	29	1.0	3,493	2.8
Mixon Seed	AGS GS52X19S	56.2	63.6	.	10/05	31	1.3	3,469	3.2
VA Tech	V12-1416ST	56.1	59.1	58.4	10/07	27	1.0	3,280	2.0
MorSoy	MS 5607 RXT	54.9	65.9	65.6	10/03	29	2.0	2,985	3.0
Mixon Seed	AGS 51E19	54.7	.	.	09/30	29	2.0	3,173	4.3
Asgrow	AG59X9 RR2X	54.7	63.7	62.9	10/12	28	1.0	4,009	3.3
MorSoy	MS 5110E	54.3	.	.	10/06	29	1.3	2,999	5.0
UniSouth	USG 7571XT	53.2	.	.	10/04	28	2.0	2,883	3.5
U of A	R13-14635RR	52.7	.	.	10/02	31	1.7	3,338	3.7
Credenz	CZ 5299X	52.6	63.1	.	10/08	29	1.0	3,679	2.5
Dyna-Gro	S58XT30	52.3	.	.	10/08	29	1.3	3,411	3.2
NK Brand	S61-M2X	52.2	.	.	10/08	31	1.7	3,527	3.0
Credenz	CZ 5700X	51.8	51.8	.	10/11	27	1.0	3,535	3.2
Local Seed	LS5386X	47.9	50.9	.	10/06	31	1.0	3,042	3.5
VA Tech	V15-2261ST	43.5	.	.	10/04	27	1.3	3,412	3.8
Average		56.0	61.4	63.3	10/06	30	1.5	3,253	3.6
LSD at 10% Level		7.1	6.8	4.7	1	2	0.6	181	0.5
Model R-square		0.60	0.61	0.44	-	0.83	0.71	0.91	0.84

Tifton, Georgia:
Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant		Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr		Height in	Lodg. ² rating		
		-----bu/acre-----							
<u>Maturity Group VI</u>									
Asgrow	AG69X0 RR2X	68.9	70.2	.	10/18	30	1.0	3,171	3.3
NK Brand	S77-Y4X	68.2	.	.	10/21	32	2.0	3,938	3.7
MorSoy	MS 6208 RXT	65.5	74.7	71.4	10/14	28	1.7	3,414	3.3
UGA	G15-1038R2	62.9	.	.	10/16	29	2.0	3,605	4.8
Asgrow	AG64X8 RR2X	62.5	73.6	.	10/15	31	1.0	3,673	3.7
Local Seed	LS6206X	61.6	.	.	10/13	30	1.3	3,586	3.7
Credenz	CZ 6520LL	59.3	70.2	.	10/14	30	1.0	3,004	2.7
UGA	G13-2842R2	59.1	72.2	67.4	10/17	31	1.0	3,403	3.3
Southern Harvest	SH 6815 LL	58.4	65.3	63.5	10/14	31	1.7	3,218	3.3
Dyna-Gro	S67XS90	58.1	72.2	.	10/15	30	1.3	3,630	4.0
UGA	G15-3361R2	57.1	.	.	10/14	33	1.7	3,980	2.0
UniSouth	USG 7691XT	56.2	.	.	10/17	29	1.3	3,650	3.3
Southern Harvest	SH 6020 LL/STS	55.5	65.2	.	10/09	28	1.0	3,296	2.5
UGA	G14-6063	55.5	67.1	64.9	10/07	30	2.3	3,080	1.7
Mixon Seed	AGS 677 LL	55.4	.	.	10/13	29	1.3	3,195	2.5
NK Brand	S69-P9X	54.3	.	.	10/15	28	1.0	4,461	4.5
UGA	G15PR-340	54.3	61.5	62.0	10/15	29	1.3	3,984	4.0
Credenz	CZ 6770X	54.1	54.1	.	10/17	29	1.3	3,736	3.3
Mixon Seed	AGS 61G19	53.1	65.3	.	10/08	34	3.0	3,521	2.5
Southern Harvest	SH 6515 LL/STS	52.6	64.9	63.2	10/11	29	1.3	3,330	2.2
MorSoy	MS 6950 RXT	52.5	.	.	10/14	29	1.3	3,847	3.3
Credenz	CZ 6730LL	51.4	63.1	.	10/14	26	2.0	3,637	2.3
Don Mario	DM 51E01	50.7	.	.	10/04	32	2.7	3,511	3.7
Credenz	CZ 6020X	45.5	45.5	.	10/11	25	1.3	4,230	5.0
Average		56.7	66.3	65.4	10/13	29	1.5	3,610	3.3
LSD at 10% Level		5.8	5.8	4.4	1	2	0.8	218	0.8
Model R-square		0.73	0.84	0.77	-	0.76	0.61	0.89	0.76
<u>Maturity Groups VII and VIII</u>									
Credenz	CZ 7380X	67.0	67.0	.	10/20	32	2.0	2,959	3.0
UGA	G15PRLL-989	65.1	73.1	70.2	10/15	34	3.3	3,198	3.0
UGA	G15PRLL-953	64.6	72.1	69.3	10/20	32	2.3	3,265	2.0
UGA	G14-4364R2	64.3	69.9	67.1	10/17	34	2.3	3,045	3.0
Mixon Seed	AGS 730R2X	63.0	71.6	.	10/18	31	2.3	3,014	4.0
SCCIA	Cheraw (Public)	62.9	63.8	59.9	10/22	36	2.0	3,490	3.7
Mixon Seed	AGS 747 LL	62.4	69.7	66.3	10/17	34	2.3	3,545	3.0
UGA	G14-4396R2	62.4	70.8	68.0	10/14	33	2.7	3,615	3.0
UGA	G15-2379R2	62.3	.	.	10/17	34	2.0	3,728	2.7
Dyna-Gro	S74XT59	61.8	.	.	10/20	33	2.0	3,331	3.0
Southern Harvest	SH 7418 LL	61.6	68.2	66.9	10/18	32	2.0	2,966	2.7
Asgrow	AG74X8 RR2X	61.3	.	.	10/19	33	2.0	2,978	3.7
UGA	G15LL-9205	61.2	72.4	.	10/20	32	2.7	3,482	2.0
UGA	G17PR-1053HOLLR1	60.1	67.2	.	10/14	31	1.7	3,691	2.3
MorSoy	MS 7057 RXT	60.0	67.6	65.4	10/16	32	2.0	3,493	3.0
UGA	G17PR-1207HOLL	57.3	65.8	.	10/16	33	2.0	3,300	3.0
Mixon Seed	AGS 738 RR	57.2	64.2	63.5	10/15	31	1.7	3,688	3.0
Mixon Seed	AGS Woodruff	56.7	.	.	10/20	33	2.0	3,319	3.3
Credenz	CZ 7570LL	56.7	65.0	.	10/18	33	2.3	2,874	3.0
Pioneer	P76T54R2	55.3	69.6	66.5	10/19	35	2.3	3,856	4.0
Local Seed	LS7099X	55.0	.	.	10/18	32	2.0	3,610	3.0

Tifton, Georgia: Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant		Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr		Height in	Lodg. ² rating		
Pioneer	P72A21x	54.6	65.8	63.7	10/17	29	1.3	3,121	3.7
UGA	G13-3461R2	53.9	64.7	62.4	10/15	30	1.7	3,304	3.0
Credenz	CZ 7007LL	53.3	63.7	66.0	10/17	33	3.0	3,210	3.3
Dyna-Gro	S72XT80	51.3	56.6	.	10/15	31	1.7	3,872	4.0
SCCIA	TN11-5140	50.0	.	.	10/10	31	3.0	3,443	3.0
SCCIA	Paul (Public)	48.7	55.1	52.5	10/21	33	2.3	3,991	2.0
Local Seed	LS7305X	48.2	.	.	10/16	30	1.3	3,770	4.0
Average		58.5	66.9	64.8	10/17	32	2.1	3,389	3.1
LSD at 10% Level		4.6	4.5	3.7	1	2	0.9	155	0.6
Model R-square		0.77	0.83	0.78	-	0.78	0.50	0.92	0.71

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

	<u>MG IV</u>	<u>MG V-VII</u>
Planted:	May 4, 2020.	June 2, 2020.
Harvested:	September 21, 2020.	October 19 (MG V, VI) and October 23 (MG VII), 2020.
Seeding Rate:	140,000 seeds per acre in 36" rows.	140,000 seeds per acre in 36" rows.
Soil Type:	Tifton loamy sand.	Tifton loamy sand.
Fertilization:	60 lb P ₂ O ₅ , 20 lb K ₂ O/acre. 1,000 lb dolomitic lime/acre.	60 lb P ₂ O ₅ , and 20 lb K ₂ O/acre.
Soil Test:	P = Very High, K = Medium, and pH = 5.8.	P = Medium, K = Medium, and pH = 5.9.
Previous Crop:	Forage sorghum.	Grain sorghum.
Management:	Conventional tillage.	Conventional tillage.
Herbicides:	Warrant, Select, and Ultra Blazer. Irrigated 8 inches.	Warrant, Select, and Basagran. Irrigated 6.5 inches.

Test conducted by D. Dunn, R. Brooke, M. Cofield, and K. Cawley.

Midville, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Green Stem rating	Petiole Retention rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
<u>Maturity Group V</u>									
Pioneer	P55A49x	79.2	74.0	77.1	10/12	32	1.3	0.0	0.0
MorSoy	MS 5110E	72.1	.	.	10/14	41	3.7	0.0	0.0
Local Seed	LS5386X	71.8	68.5	.	10/11	51	2.3	0.0	0.0
MU	S16-15170C	70.3	.	.	10/12	41	2.0	1.0	1.0
Dyna-Gro	S58XT30	69.5	.	.	10/19	35	1.7	0.0	0.0
Asgrow	AG59X9 RR2X	68.9	68.0	69.8	10/19	34	2.0	0.0	0.0
U of A	R13-14635RR	68.5	.	.	10/09	47	1.7	0.0	0.0
VA Tech	V12-1416ST	68.3	66.0	67.3	10/14	40	1.3	0.0	0.0
Local Seed	LS5797X	68.3	.	.	10/21	35	2.3	0.0	0.0
UniSouth	USG 7529XTS	68.2	.	.	10/11	43	2.7	0.0	0.0
MU	S16-3747RY	67.0	.	.	10/13	32	3.7	1.0	1.0
UniSouth	USG 7571XT	67.0	.	.	10/16	35	3.0	0.0	0.0
Local Seed	LS5087X	66.7	.	.	10/10	44	2.0	0.0	0.0
Local Seed	LS5009XS	65.9	.	.	10/18	42	3.0	0.0	0.0
Mixon Seed	AGS 51E19	65.4	.	.	10/14	43	2.0	0.0	0.0
Credenz	CZ 5700X	65.2	68.4	.	10/18	35	2.0	0.0	0.0
MU	S16-11651C	65.1	.	.	10/17	39	2.3	1.0	1.0
NK Brand	S61-M2X	64.9	.	.	10/19	41	2.7	0.0	0.0
MorSoy	MS 5607 RXT	64.2	64.5	68.5	10/17	35	4.0	1.0	1.0
Don Mario	DM 59E01	63.5	.	.	10/14	51	2.7	0.0	0.0
Mixon Seed	AGS GS52X19S	61.8	65.6	.	10/18	41	2.0	0.0	0.0
VA Tech	V15-2261ST	61.6	.	.	10/18	34	1.7	1.0	1.0
Credenz	CZ 5299X	60.2	65.6	.	10/18	42	2.0	0.0	0.0
Local Seed	ZS5098E3	59.0	.	.	10/16	52	3.3	0.0	0.0
Credenz	CZ 5859LL	58.9	62.3	68.1	10/14	32	2.7	0.0	0.0
Average		66.5	67.0	70.1	10/15	40	2.4	0.2	0.2
LSD at 10% Level		6.6	NS	4.6	1	3	0.7	-	-
Model R-square		0.60	0.21	0.55	-	0.93	0.75	-	-
<u>Maturity Group VI</u>									
MorSoy	MS 6208 RXT	75.0	72.6	74.1	10/21	37	2.0	0.0	0.0
UniSouth	USG 7691XT	74.1	.	.	10/21	37	1.7	0.0	0.0
Credenz	CZ 6730LL	72.7	69.4	.	10/23	35	1.3	0.0	0.0
MorSoy	MS 6950 RXT	71.9	.	.	10/22	40	2.0	0.0	0.0
Asgrow	AG69X0 RR2X	71.6	66.9	.	10/26	41	1.7	0.0	0.0
Asgrow	AG64X8 RR2X	70.6	63.8	.	10/22	41	2.0	0.0	0.0
UGA	G13-2842R2	69.3	67.0	69.4	10/21	43	2.3	0.0	0.0
Local Seed	LS6206X	68.1	.	.	10/23	36	2.3	0.0	0.0
UGA	G14-6063	67.0	68.4	68.4	10/19	36	2.7	0.0	0.0
UGA	G15-1038R2	66.9	.	.	10/22	43	3.3	0.0	0.0
Dyna-Gro	S67XS90	66.2	62.4	.	10/22	40	1.7	0.0	0.0
Mixon Seed	AGS 677 LL	65.8	.	.	10/18	37	2.0	0.0	0.0
Credenz	CZ 6770X	65.7	61.7	.	10/22	42	1.3	0.0	0.0
UGA	G15-3361R2	65.4	.	.	10/19	41	2.0	0.0	0.0
Don Mario	DM 51E01	64.8	.	.	10/12	45	2.7	0.0	0.0
NK Brand	S69-P9X	64.7	.	.	10/23	38	2.0	0.0	0.0
Credenz	CZ 6020X	63.2	64.4	.	10/20	36	1.3	0.0	0.0
Credenz	CZ 6520LL	62.6	62.6	.	10/20	39	1.7	0.0	0.0
Southern Harvest	SH 6020 LL/STS	62.4	64.0	.	10/17	38	1.3	0.0	0.0
Mixon Seed	AGS 61G19	61.9	61.7	.	10/15	45	3.7	1.0	1.0
Southern Harvest	SH 6515 LL/STS	61.4	62.5	67.6	10/18	35	2.3	0.3	0.3
Southern Harvest	SH 6815 LL	61.3	58.7	61.8	10/22	35	3.3	0.0	0.0
NK Brand	S77-Y4X	58.5	.	.	10/25	42	3.0	1.0	1.7
UGA	G15PR-340	58.4	58.2	60.9	10/20	38	2.7	0.0	0.0
Average		66.3	64.5	67.1	10/20	39	2.1	0.1	0.1
LSD at 10% Level		6.4	4.5	3.4	1	3	0.8	-	-
Model R-square		0.58	0.48	0.68	-	0.70	0.71	-	-

Midville, Georgia: Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Green Stem rating	Petiole Retention rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
Maturity Groups VII and VIII									
Credenz	CZ 7380X	75.2	74.7	.	10/23	45	2.0	.	.
Asgrow	AG74X8 RR2X	72.6	.	.	10/25	39	2.0	.	.
Pioneer	P76T54R2	72.4	67.3	69.7	10/26	43	2.0	.	.
Mixon Seed	AGS 730R2X	72.0	72.7	.	10/23	41	2.3	.	.
Dyna-Gro	S72XT80	72.0	67.1	.	10/27	41	2.0	.	.
UGA	G14-4396R2	71.7	69.7	72.6	10/23	35	3.7	.	.
UGA	G15PRLL-953	70.4	68.4	70.5	10/26	41	2.0	.	.
SCCIA	Paul (Public)	70.0	64.9	69.6	10/28	37	2.3	.	.
UGA	G15PRLL-989	68.9	68.5	69.0	10/23	43	3.0	.	.
Mixon Seed	AGS 738 RR	68.8	72.3	73.1	10/21	36	2.0	.	.
Mixon Seed	AGS 747 LL	67.9	63.9	66.2	10/23	44	2.7	.	.
UGA	G15-2379R2	67.6	.	.	10/21	43	2.3	.	.
UGA	G14-4364R2	67.3	60.0	65.7	10/25	40	2.0	.	.
UGA	G17PR-1207HOLL	66.5	65.5	.	10/21	43	2.0	.	.
Local Seed	LS7305X	66.0	.	.	10/24	40	1.7	.	.
UGA	G13-3461R2	65.9	65.8	66.9	10/20	39	2.0	.	.
MorSoy	MS 7057 RXT	65.7	62.1	65.9	10/23	43	2.0	.	.
Pioneer	P72A21x	64.4	65.6	66.7	10/22	36	2.3	.	.
Southern Harvest	SH 7418 LL	64.3	69.3	70.7	10/22	41	2.0	.	.
Local Seed	LS7099X	62.8	.	.	10/22	40	2.0	.	.
Mixon Seed	AGS Woodruff	62.5	.	.	10/23	43	2.0	.	.
SCCIA	Cheraw (Public)	62.2	57.2	61.5	10/24	44	2.0	.	.
UGA	G15LL-9205	61.6	61.7	.	10/24	35	2.7	.	.
SCCIA	TN11-5140	61.4	.	.	10/19	39	2.0	.	.
Credenz	CZ 7570LL	61.3	62.4	.	10/27	37	2.3	.	.
Dyna-Gro	S74XT59	61.2	.	.	10/23	43	3.3	.	.
Credenz	CZ 7007LL	60.8	56.8	61.7	10/18	40	3.3	.	.
UGA	G17PR-1053HOLLR1	60.7	62.2	.	10/18	39	2.0	.	.
Average		66.6	65.8	67.8	10/22	40	2.3	.	.
LSD at 10% Level		6.5	6.1	4.8	1	3	0.6	-	-
Model R-square		0.56	0.42	0.47	-	0.74	0.67	-	-

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Planted: June 4, 2020.
Harvested: November 5, 2020.
Seeding Rate: 140,000 seeds per acre in 36" rows.
Soil Type: Dothan sandy loam.
Previous Crop: Cotton.
Soil Test: P = Low, K = Medium, and pH = 6.3.
Fertilization: 30 lb N, 80 lb P₂O₅, and 100 lb K₂O/acre.
Management: Conventional tillage. Prowl, Valor, and Reflex used for weed control.
Orthene, Prevathon, Bifenthrin and Dimilin used for insect control.
Tebuconazole used for disease control. Irrigated 6.4 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, J. Lanier, R. Milton, and T. Woodward.

Plains, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Green Stem rating	Petiole Retention rating
		2020	2-Yr	3-Yr					
		-----bu/acre-----							
Maturity Group V									
Local Seed	LS5797X	75.0	.	.	10/16	33	1.7	0.0	0.0
Local Seed	LS5087X	74.8	.	.	10/08	37	1.7	0.0	0.0
UniSouth	USG 7571XT	73.8	.	.	10/08	32	2.3	0.0	0.0
NK Brand	S61-M2X	73.2	.	.	10/19	36	2.0	0.0	0.0
MU	S16-3747RY	72.1	.	.	10/10	32	2.0	1.0	3.0
Dyna-Gro	S58XT30	71.7	.	.	10/17	29	1.3	0.0	0.0
MorSoy	MS 5607 RXT	71.5	56.0	54.2	10/09	34	2.0	0.0	0.0
Local Seed	ZS5098E3	70.6	.	.	10/09	41	2.0	0.0	0.0
MU	S16-11651C	70.4	.	.	10/11	33	1.7	0.3	0.7
Don Mario	DM 59E01	68.9	.	.	10/15	39	2.0	0.0	0.0
Local Seed	LS5009XS	68.4	.	.	10/11	39	2.3	0.3	1.0
Credenz	CZ 5859LL	68.1	49.2	50.4	10/10	29	1.7	0.0	0.0
Local Seed	LS5386X	67.7	47.2	.	10/11	33	2.0	0.0	0.0
Credenz	CZ 5700X	66.2	55.8	.	10/17	27	1.0	0.0	0.0
Pioneer	P55A49x	66.0	53.9	50.2	10/11	25	1.0	1.0	1.0
Mixon Seed	AGS 51E19	64.1	.	.	10/11	31	2.0	0.0	0.0
UniSouth	USG 7529XTS	63.1	.	.	10/08	31	1.7	0.0	0.0
Asgrow	AG59X9 RR2X	62.9	51.9	51.4	10/19	29	1.0	0.0	0.0
MU	S16-15170C	61.2	.	.	10/11	30	1.3	1.0	1.7
VA Tech	V15-2261ST	60.5	.	.	10/11	27	1.0	1.0	2.3
Credenz	CZ 5299X	60.3	48.3	.	10/11	30	1.7	0.0	0.0
VA Tech	V12-1416ST	60.2	47.6	49.0	10/13	24	1.0	0.0	0.0
Mixon Seed	AGS GS52X19S	59.0	47.3	.	10/10	31	2.0	0.0	0.0
U of A	R13-14635RR	58.8	.	.	10/10	33	1.3	0.3	0.3
MorSoy	MS 5110E	58.0	.	.	10/10	31	1.7	0.0	0.0
Average		66.7	50.8	51.0	10/11	32	1.7	0.2	0.4
LSD at 10% Level		8.6	NS	NS	1	2	0.6	-	-
Model R-square		0.54	0.85	0.81	-	0.90	0.63	0.84	0.77
Maturity Group VI									
MorSoy	MS 6208 RXT	76.0	58.8	59.2	10/20	31	1.3	.	.
UGA	G14-6063	73.3	53.8	51.8	10/19	33	2.0	.	.
NK Brand	S77-Y4X	72.8	.	.	10/26	37	2.0	.	.
Asgrow	AG69X0 RR2X	72.0	59.2	.	10/25	31	1.0	.	.
Local Seed	LS6206X	70.7	.	.	10/21	30	1.3	.	.
MorSoy	MS 6950 RXT	69.2	.	.	10/24	33	1.7	.	.
UGA	G13-2842R2	68.6	52.7	54.8	10/22	32	1.3	.	.
Credenz	CZ 6730LL	67.8	57.8	.	10/22	29	1.0	.	.
Asgrow	AG64X8 RR2X	67.1	55.2	.	10/20	33	1.3	.	.
Dyna-Gro	S67XS90	67.1	54.2	.	10/22	35	1.3	.	.
NK Brand	S69-P9X	66.9	.	.	10/21	33	1.7	.	.
UGA	G15PR-340	66.1	47.3	51.6	10/20	33	2.0	.	.
Southern Harvest	SH 6515 LL/STS	65.8	48.5	50.7	10/19	32	1.3	.	.
Credenz	CZ 6020X	65.5	55.9	.	10/20	29	1.3	.	.
UniSouth	USG 7691XT	65.2	.	.	10/24	33	1.7	.	.
Credenz	CZ 6770X	65.1	54.3	.	10/22	35	1.3	.	.
Mixon Seed	AGS 677 LL	64.3	.	.	10/17	31	1.3	.	.
Southern Harvest	SH 6020 LL/STS	64.1	50.6	.	10/17	29	1.0	.	.
Mixon Seed	AGS 61G19	63.6	47.5	.	10/15	39	2.3	.	.
Southern Harvest	SH 6815 LL	63.3	50.7	52.2	10/21	36	1.3	.	.
UGA	G15-1038R2	62.5	.	.	10/21	35	2.0	.	.
UGA	G15-3361R2	61.8	.	.	10/19	38	1.7	.	.
Credenz	CZ 6520LL	59.1	48.3	.	10/21	30	1.0	.	.
Don Mario	DM 51E01	50.9	.	.	10/14	35	1.7	.	.
Average		66.0	52.9	53.4	10/20	33	1.5	-	-
LSD at 10% Level		6.0	6.6	5.3	1	3	NS	-	-
Model R-square		0.66	0.84	0.84	-	0.77	0.42	-	-

Plains, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Green Stem rating	Petiole Retention rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
Maturity Groups VII and VIII									
Credenz	CZ 7380X	80.2	66.0	.	10/25	39	1.7	.	.
Mixon Seed	AGS 730R2X	78.8	61.3	.	10/25	34	1.0	.	.
Pioneer	P76T54R2	78.6	64.2	63.2	10/24	40	1.7	.	.
UGA	G13-3461R2	78.1	66.0	64.4	10/20	33	2.0	.	.
Dyna-Gro	S74XT59	77.8	.	.	10/26	39	2.0	.	.
UGA	G14-4396R2	77.7	64.5	59.5	10/22	37	2.3	.	.
Asgrow	AG74X8 RR2X	77.3	.	.	10/25	36	1.3	.	.
UGA	G15LL-9205	76.3	64.6	.	10/23	37	2.0	.	.
Dyna-Gro	S72XT80	76.2	60.2	.	10/25	34	1.3	.	.
UGA	G14-4364R2	76.1	63.3	62.7	10/22	39	2.0	.	.
Southern Harvest	SH 7418 LL	75.4	64.1	64.5	10/23	36	1.3	.	.
UGA	G15-2379R2	75.3	.	.	10/23	36	1.3	.	.
Mixon Seed	AGS 747 LL	75.2	60.4	58.9	10/23	38	2.0	.	.
Local Seed	LS7305X	75.1	.	.	10/24	34	1.0	.	.
SCCIA	Paul (Public)	74.7	65.6	63.6	10/26	39	1.7	.	.
Local Seed	LS7099X	74.4	.	.	10/23	35	1.0	.	.
UGA	G15PRL-989	74.4	62.1	62.1	10/21	38	2.3	.	.
Credenz	CZ 7570LL	73.8	57.8	.	10/23	36	1.3	.	.
UGA	G15PRL-953	73.8	62.3	65.0	10/27	36	2.0	.	.
MorSoy	MS 7057 RXT	73.4	61.2	59.6	10/23	35	1.3	.	.
Pioneer	P72A21x	72.6	64.2	62.8	10/22	31	1.3	.	.
UGA	G17PR-1207HOLL	72.1	60.0	.	10/24	36	1.7	.	.
UGA	G17PR-1053HOLLR1	70.8	56.6	.	10/19	33	2.0	.	.
Credenz	CZ 7007LL	70.7	56.1	52.8	10/22	39	2.7	.	.
Mixon Seed	AGS 738 RR	69.6	56.5	58.4	10/21	31	2.0	.	.
SCCIA	Cheraw (Public)	69.5	51.9	53.0	10/28	39	1.3	.	.
SCCIA	TN11-5140	69.1	.	.	10/19	31	1.0	.	.
Mixon Seed	AGS Woodruff	66.1	.	.	10/23	36	2.3	.	.
Average		74.5	61.7	60.8	10/23	36	1.7	-	-
LSD at 10% Level		6.0	5.5	5.0	1	3	0.6	-	-
Model R-square		0.48	0.87	0.77	-	0.70	0.69	-	-

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Planted: June 3, 2020.
Harvested: November 4, 2020.
Seeding Rate: 140,000 seeds per acre in 36" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K =Medium, and pH = 5.8.
Fertilization: 21 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.
Previous Crop: Cotton.
Management: Conventional tillage. Prowl, Valor, and Select used for weed control.
Indigo, Prevathon, Bifenthrin and Dimilin used for insect control.
Trivia-Pro used for disease control. Irrigated 10.3 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones, and D. Pearce.

Plains, Georgia: Late-Planted Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
Maturity Groups VII and VIII									
UGA	G17PR-1207HOLL	66.4	47.3	.	10/26	29	2.0	.	.
UGA	G15PRLL-953	64.9	49.3	48.7	10/29	28	2.0	.	.
UGA	G15PRLL-989	63.6	46.3	45.5	10/25	32	2.0	.	.
UGA	G13-3461R2	63.5	48.8	49.0	10/24	25	1.3	.	.
Dyna-Gro	S72XT80	63.3	45.6	.	10/29	25	2.0	.	.
Credenz	CZ 7570LL	62.4	45.3	.	10/29	26	1.7	.	.
SCCIA	Paul (Public)	60.8	45.3	44.3	10/28	25	1.0	.	.
UGA	G15-2379R2	60.1	.	.	10/26	26	1.0	.	.
MorSoy	MS 7057 RXT	59.8	43.2	44.2	10/28	29	1.3	.	.
UGA	G14-4364R2	58.9	46.3	48.3	10/27	25	1.3	.	.
Mixon Seed	AGS Woodruff	58.8	.	.	10/29	28	1.7	.	.
UGA	G14-4396R2	58.5	45.5	45.6	10/26	25	2.0	.	.
UGA	G17PR-1053HOLLR1	57.5	40.5	.	10/24	25	1.7	.	.
Mixon Seed	AGS 747 LL	57.4	37.3	37.4	10/27	28	2.0	.	.
Dyna-Gro	S74XT59	56.3	.	.	10/29	25	2.0	.	.
Credenz	CZ 7380X	56.0	40.3	.	10/29	24	1.0	.	.
Pioneer	P72A21x	55.4	41.0	43.9	10/28	24	1.3	.	.
SCCIA	Cheraw (Public)	55.1	37.4	36.7	10/30	29	1.7	.	.
Southern Harvest	SH 7418 LL	54.1	40.2	40.6	10/27	27	1.3	.	.
Mixon Seed	AGS 738 RR	53.7	35.9	37.4	10/27	24	2.0	.	.
UGA	G15LL-9205	53.6	43.8	.	10/28	25	1.3	.	.
Credenz	CZ 7007LL	53.0	39.2	41.7	10/25	24	1.7	.	.
Pioneer	P76T54R2	53.0	39.6	43.1	10/29	24	1.3	.	.
Asgrow	AG74X8 RR2X	52.8	.	.	10/28	25	1.7	.	.
Mixon Seed	AGS 730R2X	52.6	45.1	.	10/29	22	1.0	.	.
Local Seed	LS7099X	52.0	.	.	10/27	24	1.3	.	.
SCCIA	TN11-5140	51.7	.	.	10/23	27	1.7	.	.
Local Seed	LS7305X	49.7	.	.	10/28	23	1.7	.	.
Average		57.1	42.9	43.3	10/27	26	1.6	-	-
LSD at 10% Level		7.6	5.2	4.7	1	3	0.6	-	-
Model R-square		0.50	0.91	0.85	-	0.67	0.50	-	-

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Planted: June 30, 2020.
Harvested: November 4, 2020.
Seeding Rate: 140,000 seeds per acre in 36" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K = Medium, and pH = 5.8.
Fertilization: 21 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.
Previous Crop: Cotton.
Management: Conventional tillage. Prowl, Valor, and Select used for weed control.
Indigo, Prevathon, Bifenthrin and Dimilin used for insect control.
Trivia-Pro used for disease control. Irrigated 10.3 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones, and D. Pearce.

Griffin, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
<u>Maturity Group IV</u>									
Pioneer	P48A60x	31.4	.	.	.	23	1.0	.	.
MU	S16-5540R	31.1	.	.	.	22	1.0	.	.
Mixon Seed	AGS 48E19	30.2	.	.	.	25	1.0	.	.
Credenz	CZ 4869X	29.3	.	.	.	21	1.0	.	.
Local Seed	LS4795XS	29.0	.	.	.	19	1.0	.	.
MU	MO 4901D GT	29.0	.	.	.	23	1.0	.	.
MorSoy	MS 4800E	28.7	.	.	.	18	1.0	.	.
Don Mario	DM 49X13	28.3	.	.	.	18	1.0	.	.
Dyna-Gro	S48XT90	28.1	.	.	.	20	1.0	.	.
Local Seed	LS4999X	28.0	.	.	.	22	1.0	.	.
UniSouth	USG 7480XT	27.6	.	.	.	20	1.0	.	.
Local Seed	LS4806XS	26.8	.	.	.	20	1.0	.	.
Mixon Seed	AGS GS49X19	26.0	.	.	.	19	1.0	.	.
Local Seed	LS4798X	25.6	.	.	.	22	1.0	.	.
MorSoy	MS 4616 RXT	25.5	.	.	.	21	1.0	.	.
VA Tech	V15-2259ST	25.5	.	.	.	20	1.0	.	.
Don Mario	DM 48E73	23.6	.	.	.	20	1.0	.	.
MU	S16-7922C	23.4	.	.	.	21	1.0	.	.
Credenz	CZ 4770X	23.2	.	.	.	18	1.0	.	.
U of A	R15-2422	22.7	.	.	.	20	1.0	.	.
MorSoy	MS 4846 RXT	21.8	.	.	.	19	1.0	.	.
Credenz	CZ 4979X	21.7	.	.	.	20	1.0	.	.
U of A	R16-259	18.2	.	.	.	20	1.0	.	.
Dyna-Gro	S49XT70	17.3	.	.	.	18	1.0	.	.
Average		25.9	-	-	-	20	1.0	-	-
LSD at 10% Level		6.3	-	-	-	3	-	-	-
Model R-square		0.56	-	-	-	0.51	-	-	-

Covid restrictions led to planting delays at the Griffin site which lasted into July. Due to very low expected yields, planting of the MG 5 and 6 tests was not attempted. We planted the MG 4 test to assess their yield potential when flowering occurs during shortening day lengths. This practice is not likely to result in good yields. The planting date was already very late for the MG 7 test, so we increased the seeding rate from 140k to 167k and reduced the row spacing from 30 to 14 inches. The objective was to achieve faster row closure (maximizing light interception) to offset the reduced plant height from delayed planting and reduce the resulting yield loss. It is unclear if this strategy was successful.

Griffin, Georgia: Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
<u>Maturity Groups VII and VIII</u>									
Pioneer	P76T54R2	29.1	.	.	.	21	1.0	.	.
Mixon Seed	AGS Woodruff	29.0	.	.	.	20	1.0	.	.
Dyna-Gro	S72XT80	28.9	.	.	.	24	1.0	.	.
Credenz	CZ 7570LL	28.3	.	.	.	22	1.0	.	.
UGA	G14-4364R2	27.6	.	.	.	23	1.0	.	.
Credenz	CZ 7007LL	26.7	.	.	.	21	1.0	.	.
UGA	G13-3461R2	26.6	.	.	.	18	1.0	.	.
Local Seed	LS7099X	26.1	.	.	.	19	1.0	.	.
SCCIA	Cheraw (Public)	25.6	.	.	.	22	1.0	.	.
UGA	G15LL-9205	25.5	.	.	.	22	1.0	.	.
Asgrow	AG74X8 RR2X	25.3	.	.	.	20	1.0	.	.
UGA	G14-4396R2	23.9	.	.	.	21	1.0	.	.
UGA	G17PR-1053HOLLR1	23.7	.	.	.	19	1.0	.	.
UGA	G15PRLL-989	22.9	.	.	.	19	1.2	.	.
Credenz	CZ 7380X	22.8	.	.	.	17	1.0	.	.
SCCIA	Paul (Public)	22.7	.	.	.	24	1.0	.	.
UGA	G15-2379R2	21.3	.	.	.	19	1.0	.	.
SCCIA	TN11-5140	21.0	.	.	.	23	1.0	.	.
Southern Harvest	SH 7418 LL	20.9	.	.	.	17	1.0	.	.
MorSoy	MS 7057 RXT	20.2	.	.	.	17	1.0	.	.
UGA	G17PR-1207HOLL	20.0	.	.	.	19	1.0	.	.
Mixon Seed	AGS 747 LL	19.3	.	.	.	22	1.0	.	.
UGA	G15PRLL-953	19.0	.	.	.	17	1.0	.	.
Dyna-Gro	S74XT59	18.6	.	.	.	17	1.0	.	.
Mixon Seed	AGS 738 RR	15.3	.	.	.	20	1.0	.	.
Local Seed	LS7305X	14.3	.	.	.	17	1.0	.	.
Pioneer	P72A21x	11.2	.	.	.	14	1.0	.	.
Mixon Seed	AGS 730R2X	9.5	.	.	.	18	1.0	.	.
Average		22.5	-	-	-	19	1.0	-	-
LSD at 10% Level		NS	-	-	-	NS	NS	-	-
Model R-square		0.52	-	-	-	0.61	0.35	-	-

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

	<u>MG IV</u>	<u>MG VII</u>
Planted:	July 13, 2020.	July 13, 2020.
Harvested:	November 17, 2020.	November 17, 2020.
Seeding Rate:	129,800 seeds per acre in 7" rows.	166,650 seeds per acre in 14" rows.
Soil Type:	Cecil sandy loam.	Cecil sandy loam.
Previous Crop:	Fallow.	Fallow.
Soil Test:	P =High, K = Low, pH = 5.9.	P =High, K = Low, pH = 5.9.
Fertilization:	None.	None.
Management:	Conventional tillage. Warrant, Prowl, Poast, Classic and Storm used for weed control.	

Test conducted by G. Ware, B. Weldy, S. Brannon, and H. Jackson.

Athens, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr					
-----bu/acre-----									
Maturity Group V									
UniSouth	USG 7571XT	86.9	.	.	10/10	35	1.0	2,549	3.7
UniSouth	USG 7529XTS	86.4	.	.	10/15	40	1.0	3,013	2.8
Don Mario	DM 59E01	86.2	.	.	10/15	54	1.7	2,677	3.8
MorSoy	MS 5607 RXT	86.1	62.8	68.7	10/11	37	1.0	2,609	3.0
Local Seed	LS5009XS	86.0	.	.	10/15	47	2.8	2,666	3.2
Pioneer	P55A49x	85.6	63.7	69.6	10/12	29	1.0	2,808	3.3
Credenz	CZ 5859LL	85.1	64.9	70.3	10/14	34	1.0	2,439	3.8
Local Seed	LS5386X	84.7	66.8	.	10/13	47	1.5	2,806	2.7
VA Tech	V12-1416ST	83.9	57.0	58.5	10/13	36	1.0	2,697	2.8
VA Tech	V15-2261ST	83.6	.	.	10/14	33	1.0	2,573	4.0
MorSoy	MS 5110E	82.4	.	.	10/11	40	1.5	2,803	5.0
Mixon Seed	AGS GS52X19S	81.6	62.4	.	10/15	41	1.5	3,058	2.5
U of A	R13-14635RR	81.3	.	.	10/11	46	1.0	2,979	2.8
Local Seed	ZS5098E3	81.2	.	.	10/11	51	1.7	2,697	4.2
Local Seed	LS5087X	80.7	.	.	10/12	44	1.7	2,515	3.5
MU	S16-11651C	80.5	.	.	10/12	41	1.3	2,618	3.5
MU	S16-15170C	80.3	.	.	10/15	41	1.0	2,447	3.5
Asgrow	AG59X9 RR2X	78.6	60.5	57.6	10/17	37	1.0	3,012	2.5
Dyna-Gro	S58XT30	78.3	.	.	10/16	40	1.0	2,658	2.8
Credenz	CZ 5299X	78.1	60.8	.	10/12	40	1.0	3,079	2.5
NK Brand	S61-M2X	77.4	.	.	10/17	41	1.3	2,973	3.7
Mixon Seed	AGS 51E19	77.0	.	.	10/11	41	2.2	2,789	4.0
MU	S16-3747RY	76.8	.	.	10/15	39	1.5	2,199	3.8
Credenz	CZ 5700X	76.7	62.8	.	10/16	36	1.0	2,733	3.0
Local Seed	LS5797X	72.9	.	.	10/18	38	1.2	2,849	2.7
Average		81.5	62.4	64.9	10/14	40	1.3	2,731	3.3
LSD at 10% Level		6.5	NS	5.8	1	3	0.6	110	0.6
Model R-square		0.51	0.93	0.89	0.97	0.89	0.59	0.92	0.78
Maturity Group VI									
Asgrow	AG69X0 RR2X	85.3	70.8	.	10/21	46	1.2	2,579	3.5
Local Seed	LS6206X	84.2	.	.	10/20	38	1.0	2,739	3.3
MorSoy	MS 6208 RXT	82.9	69.9	66.8	10/18	40	1.2	2,734	3.0
UniSouth	USG 7691XT	82.8	.	.	10/21	38	1.0	2,887	3.2
Don Mario	DM 51E01	82.0	.	.	10/15	44	1.2	3,093	2.3
Credenz	CZ 6730LL	81.3	69.5	.	10/22	42	1.5	2,866	3.0
MorSoy	MS 6950 RXT	81.1	.	.	10/20	39	1.0	2,940	2.5
Credenz	CZ 6020X	79.1	72.0	.	10/19	39	1.0	3,203	3.2
Credenz	CZ 6520LL	77.3	66.5	.	10/21	45	1.2	2,649	3.0
UGA	G13-2842R2	76.8	67.1	62.5	10/21	41	1.0	2,831	3.5
UGA	G14-6063	76.5	67.1	63.4	10/20	43	1.2	2,521	2.5
NK Brand	S77-Y4X	75.5	.	.	10/22	46	1.0	3,146	3.3
Asgrow	AG64X8 RR2X	75.5	65.5	.	10/19	44	1.0	3,045	2.7
Credenz	CZ 6770X	75.0	63.9	.	10/21	45	1.3	3,079	3.0
Southern Harvest	SH 6515 LL/STS	74.9	65.7	64.0	10/17	43	1.7	2,830	2.5
Dyna-Gro	S67XS90	74.6	66.6	.	10/20	49	1.3	3,126	3.0
Mixon Seed	AGS 677 LL	73.7	.	.	10/17	42	1.2	2,749	2.8
NK Brand	S69-P9X	72.8	.	.	10/21	44	2.3	3,245	2.8
UGA	G15-3361R2	72.0	.	.	10/19	44	1.5	3,330	2.2
Southern Harvest	SH 6020 LL/STS	71.5	62.2	.	10/18	41	1.3	2,823	2.8
Southern Harvest	SH 6815 LL	70.7	61.2	61.1	10/21	44	1.7	2,852	2.5
UGA	G15PR-340	70.0	62.6	59.5	10/19	44	2.7	3,279	3.7
UGA	G15-1038R2	66.5	.	.	10/17	46	2.5	3,066	3.2
Mixon Seed	AGS 61G19	63.0	57.7	.	10/18	45	3.3	3,016	4.0
Average		76.1	66.0	62.9	10/19	43	1.4	2,959	2.9
LSD at 10% Level		8.3	4.9	NS	1	3.0	0.7	205	0.6
Model R-square		0.57	0.83	0.75	0.95	0.76	0.70	0.78	0.67

Athens, Georgia: Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant		Seed Size no./lb	Seed Quality ³ rating
		2020	2-Yr	3-Yr		Height in	Lodg. ² rating		
Maturity Groups VII and VIII									
Mixon Seed	AGS 730R2X	81.8	67.9	.	10/24	43	1.0	2,511	4.0
Local Seed	LS7305X	80.4	.	.	10/22	41	1.0	3,030	3.2
Dyna-Gro	S72XT80	79.9	68.6	.	10/23	40	1.2	3,074	3.7
Pioneer	P72A21x	79.6	64.9	.	10/21	41	1.0	2,471	3.0
UGA	G14-4396R2	77.7	66.2	.	10/23	45	1.8	2,785	3.2
Pioneer	P76T54R2	72.4	64.5	.	10/24	47	1.5	3,293	3.7
UGA	G17PR-1053HOLLR1	70.7	63.6	.	10/20	40	1.0	3,144	3.0
MorSoy	MS 7057 RXT	70.7	64.4	.	10/19	45	1.0	2,902	2.8
Asgrow	AG74X8 RR2X	70.2	.	.	10/23	46	1.2	2,622	3.3
Local Seed	LS7099X	69.5	.	.	10/25	45	1.0	2,911	2.8
Mixon Seed	AGS 738 RR	69.0	62.5	.	10/20	38	1.0	3,306	3.0
SCCIA	TN11-5140	68.9	.	.	10/19	38	1.0	2,812	2.5
Dyna-Gro	S74XT59	68.5	.	.	10/25	43	1.7	2,986	3.2
SCCIA	Cheraw (Public)	68.3	64.5	.	10/22	47	1.0	3,065	2.7
Credenz	CZ 7380X	68.1	68.1	.	10/23	44	1.0	2,578	3.5
Credenz	CZ 7007LL	67.0	61.7	.	10/22	40	1.5	2,679	4.0
UGA	G15PRL-953	66.2	57.9	.	10/25	50	2.7	2,924	2.3
UGA	G15-2379R2	65.6	.	.	10/22	45	1.7	3,115	2.7
Mixon Seed	AGS 747 LL	65.3	60.8	.	10/21	44	2.7	3,025	3.5
UGA	G14-4364R2	63.6	60.4	.	10/23	44	1.7	2,749	3.0
UGA	G15PRL-989	63.6	60.5	.	10/22	47	2.3	2,871	2.7
UGA	G13-3461R2	63.5	58.4	.	10/20	43	1.0	2,785	3.2
SCCIA	Paul (Public)	62.1	56.7	.	10/25	41	1.5	3,332	2.2
Southern Harvest	SH 7418 LL	60.0	60.7	.	10/19	47	1.3	2,834	3.2
Credenz	CZ 7570LL	59.8	56.8	.	10/24	41	1.7	2,512	2.7
UGA	G17PR-1207HOLL	59.2	57.2	.	10/21	43	1.3	2,815	3.7
UGA	G15LL-9205	58.3	57.9	.	10/21	47	3.8	3,233	2.0
Mixon Seed	AGS Woodruff	41.9	.	.	10/19	47	2.2	3,566	3.3
Average		68.0	61.9	-	10/22	43	1.5	2,915	3.1
LSD at 10% Level		11.3	NS	-	1	4.0	0.6	158	0.5
Model R-square		0.63	0.47	-	0.95	0.70	0.76	0.89	0.71

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: June 1, 2020.
Harvested: November 4, 2020.
Seeding Rate: MG V: 140,000 seed per acre, MG VI and VII: 120,000 seed per acre. All in 30" rows.
Soil Type: Wickham sandy loam.
Previous Crop: Rye.
Soil Test: P = Medium, K = Medium, and pH = 6.2
Fertilization: 20 lb N, 104 lb P₂O₅, and 120 lb K₂O/acre.
Management: Conventional tillage. Satellite, Valor XLT, Poast and Classic, and cultivated once for weed control. Indigo for insect control. Domark for disease control. Irrigated 8.75 inches.

Test conducted by Z. Li, E.D. Wood, S.L. Finnerty, W.E. Baxter, B.F. Wilson, G.T. Gokalp, K.L. Yeargin, E.A. Eleruja, B.A. Little, T.O. Bouswma, S.D. Strickland, H. Jordan, G. Ware, J. Griffin, and P.K. Roach.

Rome, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating
		2020	2-Yr	3-Yr			
<u>Maturity Group IV</u>							
Mixon Seed	AGS 48E19	69.4	.	.	10/04	37	1.0
Pioneer	P48A60x	67.4	68.6	.	10/02	30	1.0
Mixon Seed	AGS GS49X19	66.4	62.3	.	10/02	34	1.0
Local Seed	LS4795XS	65.6	61.5	.	09/28	30	1.0
Credenz	CZ 4979X	63.8	60.0	.	10/05	32	1.0
MorSoy	MS 4800E	62.6	.	.	09/26	29	1.0
Local Seed	LS4798X	62.6	58.1	.	10/07	36	1.0
Don Mario	DM 48E73	60.2	.	.	10/02	30	1.0
Local Seed	LS4806XS	60.1	.	.	10/05	31	1.0
MorSoy	MS 4616 RXT	59.7	.	.	10/06	28	1.0
Local Seed	LS4999X	59.1	59.2	.	10/02	33	1.0
MU	S16-7922C	58.0	.	.	10/10	34	1.0
Dyna-Gro	S49XT70	56.2	56.1	.	10/02	32	1.0
MorSoy	MS 4846 RXT	55.3	.	.	10/06	31	1.0
UniSouth	USG 7480XT	54.7	.	.	10/09	29	1.0
Dyna-Gro	S48XT90	52.9	.	.	10/03	29	1.0
Credenz	CZ 4770X	52.6	.	.	10/01	29	1.0
MU	S16-5540R	52.6	.	.	10/09	30	1.0
Credenz	CZ 4869X	52.3	47.3	.	09/28	33	1.0
U of A	R15-2422	50.0	.	.	10/02	31	1.0
Don Mario	DM 49X13	50.0	.	.	10/04	30	1.0
VA Tech	V15-2259ST	48.6	51.4	.	09/28	28	1.0
U of A	R16-259	48.6	.	.	10/07	31	1.0
MU	MO 4901D GT	48.0	.	.	10/06	32	1.0
Average		57.2	58.4	-	10/03	31	1.0
LSD at 10% Level		8.9	7.3	-	6	3	-
Model R-square		0.62	0.46	-	0.59	0.71	-
<u>Maturity Group V</u>							
Local Seed	LS5797X	58.4	.	.	10/11	32	1.0
Dyna-Gro	S58XT30	57.5	.	.	10/13	30	1.0
MU	S16-15170C	55.7	.	.	10/07	31	1.0
MorSoy	MS 5607 RXT	54.8	52.1	50.4	10/07	28	1.0
NK Brand	S61-M2X	54.0	.	.	10/05	24	1.0
Local Seed	LS5009XS	52.5	.	.	10/08	32	1.0
Asgrow	AG59X9 RR2X	51.0	44.0	49.2	10/08	27	1.0
Mixon Seed	AGS 51E19	50.5	.	.	10/06	29	1.0
Credenz	CZ 5700X	50.2	46.6	.	10/11	30	1.0
MU	S16-11651C	49.1	.	.	10/11	30	1.0
MU	S16-3747RY	48.9	.	.	10/06	27	1.0
UniSouth	USG 7529XTS	48.3	.	.	10/08	30	1.0
Don Mario	DM 59E01	48.0	.	.	10/06	29	1.0
VA Tech	V15-2261ST	46.5	.	.	10/06	27	1.0
Local Seed	ZS5098E3	46.4	.	.	10/05	28	1.0
Credenz	CZ 5859LL	46.3	46.4	48.2	10/10	27	1.0
UniSouth	USG 7571XT	45.4	.	.	10/06	26	1.0
Mixon Seed	AGS GS52X19S	44.5	43.6	.	10/13	28	1.0
MorSoy	MS 5110E	42.2	.	.	10/06	28	1.0
Local Seed	LS5087X	40.7	.	.	10/07	28	1.0
U of A	R13-14635RR	40.7	.	.	10/05	30	1.0
Pioneer	P55A49x	40.2	41.0	44.5	10/09	22	1.0
VA Tech	V12-1416ST	38.6	33.9	38.7	10/06	23	1.0
Local Seed	LS5386X	38.5	44.1	.	10/08	27	1.0
Credenz	CZ 5299X	36.4	39.7	.	10/07	28	1.0
Average		47.4	43.5	46.2	10/08	28	1.0
LSD at 10% Level		10.5	NS	6.9	NS	4	-
Model R-square		0.74	0.25	0.38	0.37	0.70	-

Rome, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating
		2020	2-Yr	3-Yr			
-----bu/acre-----							
Maturity Group VI							
Credenz	CZ 6730LL	66.1	55.0	.	10/13	29	1.0
Local Seed	LS6206X	63.2	.	.	10/10	31	1.0
Mixon Seed	AGS 677 LL	62.0	.	.	10/11	31	1.0
Don Mario	DM 51E01	62.0	.	.	10/10	31	1.0
Southern Harvest	SH 6515 LL/STS	59.3	51.9	55.6	10/12	36	1.0
Asgrow	AG64X8 RR2X	58.8	46.0	.	10/16	30	1.0
Credenz	CZ 6770X	58.3	46.2	.	10/13	33	1.0
UGA	G15-1038R2	58.1	.	.	10/13	29	1.0
MorSoy	MS 6950 RXT	57.1	.	.	10/13	34	1.0
Southern Harvest	SH 6815 LL	56.5	54.9	58.1	10/13	33	1.0
NK Brand	S69-P9X	56.4	.	.	10/13	30	1.0
Southern Harvest	SH 6020 LL/STS	55.3	51.4	.	10/12	36	1.0
UGA	G14-6063	54.4	52.6	56.3	10/08	35	1.0
UGA	G15-3361R2	53.7	.	.	10/14	29	1.0
Credenz	CZ 6020X	52.1	45.1	.	10/11	33	1.0
Dyna-Gro	S67XS90	51.4	40.1	.	10/13	29	1.0
NK Brand	S77-Y4X	51.0	.	.	10/27	35	1.0
UniSouth	USG 7691XT	50.8	.	.	10/13	33	1.0
UGA	G13-2842R2	50.2	45.1	51.3	10/20	30	1.0
UGA	G15PR-340	50.1	42.2	48.6	10/12	34	1.0
Mixon Seed	AGS 61G19	49.8	53.2	.	10/13	35	1.0
Asgrow	AG69X0 RR2X	49.7	45.5	.	10/16	31	1.0
Credenz	CZ 6520LL	49.4	47.8	.	10/17	34	1.0
MorSoy	MS 6208 RXT	45.6	41.2	47.1	10/12	30	1.0
Average		54.8	47.8	52.8	10/13	32	1.0
LSD at 10% Level		NS	7.3	4.9	5	4	-
Model R-square		0.43	0.55	0.71	0.63	0.57	-

1. Maturity date indicates when 95% of pods are dried.

2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).

MG IV

Planted: June 6, 2020.
 Harvested: November 18, 2020.
 Seeding Rate: 129,800 seeds per acre in 7" rows.
 Soil Type: Wax loam.
 Previous Crop: Ryegrass.
 Soil Test: P = Very High , K = High , and pH = 6.4.
 Fertilization: 0 lb N, 0 lb P₂O₅, and 200 lb K₂O/acre.
 Management: Conventional tillage. Treflan, Warrant, Blazer, and Classic for weed control.
 Irrigated 13 inches.

MG VII

Planted: June 18, 2020.
 Harvested: November 18, 2020.
 Seeding Rate: 148,343 seeds per acre in 14" rows.
 Soil Type: Wax loam.
 Previous Crop: Ryegrass.
 Soil Test: P = Very High , K = High , and pH = 6.4.
 Fertilization: 0 lb N, 0 lb P₂O₅, and 200 lb K₂O/acre.

Test conducted by G. Ware, B. Weldy, M. Tucker, and T. Turnquist.

Attapulgus, Georgia: Soybean Variety Performance, 2020, Irrigated

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating
		2020	2-Yr	3-Yr			
-----bu/acre-----							
<u>Maturity Group V</u>							
Credenz	CZ 5299X	67.2	.	.	10/13	32	4.3
UniSouth	USG 7529XTS	65.2	.	.	10/12	31	3.7
Mixon Seed	AGS GS52X19S	64.6	.	.	10/08	33	4.0
Local Seed	ZS5098E3	64.2	.	.	10/07	37	4.3
MU	S16-11651C	63.2	.	.	10/10	24	2.3
Local Seed	LS5386X	62.6	.	.	10/08	33	2.0
MU	S16-15170C	61.8	.	.	10/11	31	2.0
Local Seed	LS5009XS	61.6	.	.	10/08	34	5.0
Don Mario	DM 59E01	61.2	.	.	10/10	36	4.7
UniSouth	USG 7571XT	60.8	.	.	10/05	25	1.7
NK Brand	S61-M2X	60.6	.	.	10/13	31	3.3
U of A	R13-14635RR	60.2	.	.	10/06	35	3.0
Mixon Seed	AGS 51E19	59.3	.	.	10/08	29	3.7
MorSoy	MS 5607 RXT	57.9	.	.	10/06	25	2.0
Credenz	CZ 5859LL	56.9	.	.	10/11	25	2.0
Local Seed	LS5087X	56.5	.	.	10/12	31	3.0
VA Tech	V15-2261ST	55.5	.	.	10/12	24	1.0
MorSoy	MS 5110E	55.1	.	.	10/07	31	4.3
Pioneer	P55A49x	53.6	.	.	10/04	19	1.0
MU	S16-3747RY	52.8	.	.	10/05	24	1.7
Asgrow	AG59X9 RR2X	50.7	.	.	10/13	27	1.0
VA Tech	V12-1416ST	49.6	.	.	10/08	20	1.0
Credenz	CZ 5700X	47.5	.	.	10/14	23	1.0
Local Seed	LS5797X	46.4	.	.	10/14	24	1.0
Dyna-Gro	S58XT30	43.8	.	.	10/13	22	1.0
Average		57.6			10/09	28	2.6
LSD at 10% Level		5.7			1	3	0.9
Model R-square		0.78			-	0.89	0.88
<u>Maturity Group VI</u>							
Don Mario	DM 51E01	58.8	.	.	10/05	33	4.7
Southern Harvest	SH 6515 LL/STS	58.1	.	.	10/12	25	1.0
Credenz	CZ 6520LL	56.9	.	.	10/11	29	1.3
Mixon Seed	AGS 677 LL	56.2	.	.	10/12	25	1.0
Southern Harvest	SH 6020 LL/STS	55.8	.	.	10/13	21	1.0
Southern Harvest	SH 6815 LL	55.1	.	.	10/11	30	2.7
UGA	G15-1038R2	55.0	.	.	10/13	29	1.7
Mixon Seed	AGS 61G19	54.2	.	.	10/10	31	4.0
MorSoy	MS 6208 RXT	53.7	.	.	10/12	29	1.7
UGA	G15PR-340	51.9	.	.	10/11	27	2.3
Local Seed	LS6206X	51.5	.	.	10/12	27	1.7
Dyna-Gro	S67XS90	51.2	.	.	10/14	27	1.0
Credenz	CZ 6770X	50.6	.	.	10/14	29	1.3
Asgrow	AG69X0 RR2X	49.7	.	.	10/14	29	1.0
NK Brand	S69-P9X	49.7	.	.	10/14	27	2.0
UGA	G15-3361R2	49.4	.	.	10/12	31	1.7
UGA	G14-6063	49.4	.	.	10/10	29	2.3
NK Brand	S77-Y4X	47.3	.	.	10/17	32	1.7
UniSouth	USG 7691XT	46.4	.	.	10/13	29	1.7
MorSoy	MS 6950 RXT	46.2	.	.	10/11	29	1.3
Asgrow	AG64X8 RR2X	45.8	.	.	10/14	27	1.7
UGA	G13-2842R2	43.6	.	.	10/14	29	1.7
Credenz	CZ 6730LL	42.8	.	.	10/12	25	1.7
Credenz	CZ 6020X	39.6	.	.	10/14	23	1.0
Average		50.8			10/12	28	1.7
LSD at 10% Level		5.2			1	3	0.7
Model R-square		0.72			-	0.82	0.83

Attapulgus, Georgia: Soybean Variety Performance, 2020, Irrigated (Continued)

Company or Brand Name	Variety	Yield Average			Maturity ¹ date	Plant Height in	Lodg. ² rating
		2020	2-Yr	3-Yr			
-----bu/acre-----							
Maturity Groups VII and VIII							
UGA	G15LL-9205	63.7	.	.	10/22	27	1.0
Southern Harvest	SH 7418 LL	59.9	.	.	10/17	22	1.0
Credenz	CZ 7380X	57.6	.	.	10/18	25	1.3
UGA	G15PRLL-989	56.8	.	.	10/10	31	4.0
Mixon Seed	AGS Woodruff	56.5	.	.	10/20	27	3.3
MorSoy	MS 7057 RXT	56.4	.	.	10/16	27	1.0
UGA	G17PR-1207HOLL	56.2	.	.	10/22	27	3.3
UGA	G15-2379R2	55.8	.	.	10/19	27	2.0
Mixon Seed	AGS 730R2X	55.7	.	.	10/20	23	1.3
UGA	G15PRLL-953	54.8	.	.	10/22	25	1.0
UGA	G14-4364R2	54.8	.	.	10/19	26	1.0
Local Seed	LS7099X	54.8	.	.	10/17	29	1.7
Mixon Seed	AGS 738 RR	54.4	.	.	10/15	25	1.0
Pioneer	P72A21x	54.4	.	.	10/17	25	1.3
SCCIA	Cheraw (Public)	54.1	.	.	10/20	32	2.0
SCCIA	TN11-5140	53.6	.	.	10/14	23	1.0
Dyna-Gro	S72XT80	53.6	.	.	10/19	25	1.0
Dyna-Gro	S74XT59	52.8	.	.	10/19	27	1.7
UGA	G17PR-1053HOLLR1	52.6	.	.	10/11	29	1.7
Credenz	CZ 7007LL	52.4	.	.	10/16	28	3.7
Mixon Seed	AGS 747 LL	52.3	.	.	10/16	29	1.3
Asgrow	AG74X8 RR2X	51.2	.	.	10/21	25	1.0
Pioneer	P76T54R2	51.1	.	.	10/18	29	1.7
UGA	G14-4396R2	49.5	.	.	10/12	28	4.0
UGA	G13-3461R2	48.2	.	.	10/13	23	1.3
Local Seed	LS7305X	48.0	.	.	10/17	24	1.0
Credenz	CZ 7570LL	43.3	.	.	10/16	26	1.7
SCCIA	Paul (Public)	33.3	.	.	10/18	27	3.0
Average		53.3			10/17	26	1.8
LSD at 10% Level		6.6			1	3	0.8
Model R-square		0.68			-	0.69	0.84

1. Maturity date indicates when 95% of pods are dried.
2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).

Planted: June 3, 2020.
Harvested: November 4, 2020.
Seeding Rate: 140,000 seeds per acre in 36" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K =Medium, and pH = 5.8.
Fertilization: 21 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre.
Previous Crop: Cotton.
Management: Conventional tillage. Prowl, Valor, and Select used for weed control.
Indigo, Prevathon, Bifenthrin and Dimilin used for insect control.
Trivia-Pro used for disease control. Irrigated 10.3 inches.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones, and D. Pearce.

Ultra-Late Yield Summary: Soybean Variety Performance, 2019-2020

Company or Brand Name	Variety	Midville	Attapulcus		All Tests
		2019	2019	2020	
-----bu/acre-----					
Asgrow	AG59X9 RR2X	37.9	21.7	20.6	26.7
Asgrow	AG69X0 RR2X	.	.	22.4	.
Credenz	CZ 4770X	.	.	17.0	.
Credenz	CZ 4979X	.	.	14.5	.
Credenz	CZ 5859LL	36.0	37.5	19.1	30.9
Credenz	CZ 6730LL	42.4	21.4	14.6	26.1
Credenz	CZ 6770X	.	.	21.2	.
Credenz	CZ 7380X	.	.	18.7	.
Credenz	CZ 7570LL	.	.	24.6	.
Don Mario	DM 51E01	.	.	19.1	.
Don Mario	DM 59E01	.	.	20.1	.
Dyna-Gro	S58XT30	.	.	15.7	.
Dyna-Gro	S67XS90	.	.	24.2	.
Dyna-Gro	S72XT80	.	.	12.8	.
Dyna-Gro	S74XT59	.	.	20.5	.
Local Seed	LS4999X	.	.	21.3	.
Local Seed	LS5009XS	.	.	19.8	.
Local Seed	LS5797X	.	.	17.0	.
Local Seed	LS6206X	.	.	16.7	.
Local Seed	LS7305X	.	.	10.7	.
Local Seed	ZS5098E3	.	.	19.1	.
Mixon Seed	AGS 51E19	.	.	14.3	.
Mixon Seed	AGS 61G19	33.9	32.4	21.4	29.2
Mixon Seed	AGS 677 LL	.	.	17.7	.
Mixon Seed	AGS GS49X19	.	.	21.4	.
Mixon Seed	AGS GS52X19S	.	.	17.7	.
Mixon Seed	AGS Woodruff	.	.	13.9	.
MorSoy	MS 5110E	.	.	17.9	.
MorSoy	MS 5607 RXT	37.1	28.0	14.8	26.6
MorSoy	MS 6208 RXT	26.6	33.1	17.9	25.9
MorSoy	MS 6950 RXT	.	.	14.4	.
MorSoy	MS 7057 RXT	24.5	31.3	17.6	24.4
MU	MO 4901D GT (Public)	.	.	23.7	.
NK Brand	S61-M2X	.	.	20.2	.
NK Brand	S69-P9X	.	.	19.4	.
Pioneer	P55A49x	33.1	20.3	18.5	24.0
Pioneer	P76T54R2	.	.	23.0	.
Southern Harvest	SH 6020 LL/STS	40.2	15.7	17.7	24.5
Southern Harvest	SH 6815 LL	19.2	21.5	18.4	19.7
UniSouth	USG 7529XTS	.	.	18.9	.
UniSouth	USG 7571XT	.	.	13.4	.
UniSouth	USG 7691XT	.	.	13.3	.
Average		33.4	26.1	18.1	25.7
LSD at 10% Level		6.7	8.1	3.6	NS
Model R-square		0.89	0.87	0.83	0.56

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.
"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Yields are calculated as 60 pounds per bushel at 13% moisture.

Note: an additional test was planted in Camilla, but did not produce an acceptable stand.

Attapulugus, Georgia: Ultra-Late Planted Soybean Variety Performance, 2020 Irrigated

Company or Brand Name	Variety	Yield		Maturity ¹ date	Plant Height in	Lodg. ² rating	Seed Size no./lb	Seed Quality ³ rating
		2020 -----bu/acre-----	2-Yr Avg					
Credenz	CZ 7570LL	24.6	.	.	17	1.0	3,673	2.8
Dyna-Gro	S67XS90	24.2	.	.	16	1.0	4,469	3.5
MU	MO 4901D GT	23.7	.	.	20	1.5	4,253	2.8
Pioneer	P76T54R2	23.0	.	.	17	1.0	3,998	3.3
Asgrow	AG69X0 RR2X	22.4	.	.	17	1.0	3,962	3.5
Mixon Seed	AGS GS49X19	21.4	.	.	15	1.0	4,022	2.8
Mixon Seed	AGS 61G19	21.4	26.9	.	21	2.0	4,520	2.5
Local Seed	LS4999X	21.3	.	.	17	1.0	4,253	2.5
Credenz	CZ 6770X	21.2	.	.	16	1.0	4,760	3.5
Asgrow	AG59X9 RR2X	20.6	21.1	.	13	1.0	4,606	3.0
Dyna-Gro	S74XT59	20.5	.	.	19	1.5	4,431	3.3
NK Brand	S61-M2X	20.2	.	.	19	2.0	4,220	3.5
Don Mario	DM 59E01	20.1	.	.	18	1.5	4,443	3.8
Local Seed	LS5009XS	19.8	.	.	18	2.0	4,454	3.5
NK Brand	S69-P9X	19.4	.	.	15	1.0	4,961	3.0
Credenz	CZ 5859LL	19.1	28.3	.	17	1.0	4,015	2.8
Don Mario	DM 51E01	19.1	.	.	18	1.0	4,343	4.0
Local Seed	ZS5098E3	19.1	.	.	20	1.0	3,727	4.0
UniSouth	USG 7529XTS	18.9	.	.	14	1.5	4,959	2.5
Credenz	CZ 7380X	18.7	.	.	13	1.5	3,911	2.8
Pioneer	P55A49x	18.5	19.4	.	13	1.0	4,446	3.0
Southern Harvest	SH 6815 LL	18.4	19.9	.	17	1.0	3,833	2.3
MorSoy	MS 5110E	17.9	.	.	17	1.5	4,341	3.5
MorSoy	MS 6208 RXT	17.9	25.5	.	15	1.0	4,434	3.0
Mixon Seed	AGS 677 LL	17.7	.	.	12	1.0	3,617	2.0
Mixon Seed	AGS GS52X19S	17.7	.	.	15	1.5	4,907	3.0
Southern Harvest	SH 6020 LL/STS	17.7	16.7	.	11	1.0	3,509	2.5
MorSoy	MS 7057 RXT	17.6	24.4	.	15	1.0	4,507	2.8
Credenz	CZ 4770X	17.0	.	.	15	1.0	3,979	2.8
Local Seed	LS5797X	17.0	.	.	13	1.0	4,070	3.0
Local Seed	LS6206X	16.7	.	.	13	1.0	4,606	3.0
Dyna-Gro	S58XT30	15.7	.	.	11	1.0	4,050	2.8
MorSoy	MS 5607 RXT	14.8	21.4	.	14	1.0	4,105	2.8
Credenz	CZ 6730LL	14.6	18.0	.	12	1.0	4,559	2.8
Credenz	CZ 4979X	14.5	.	.	15	1.0	4,174	2.3
MorSoy	MS 6950 RXT	14.4	.	.	15	1.0	4,470	3.0
Mixon Seed	AGS 51E19	14.3	.	.	14	1.0	4,119	3.8
Mixon Seed	AGS Woodruff	13.9	.	.	12	1.0	4,183	2.3
UniSouth	USG 7571XT	13.4	.	.	14	1.0	4,449	3.0
UniSouth	USG 7691XT	13.3	.	.	13	1.0	4,339	2.5
Dyna-Gro	S72XT80	12.8	.	.	12	1.0	4,578	3.3
Local Seed	LS7305X	10.7	.	.	12	1.0	4,681	3.3
Average		18.1	21.9	-	15	1.1	4,287	3.0
LSD at 10% Level		3.6	NS	-	2	0.5	495	0.7
Model R-square		0.83	0.53	-	0.92	0.69	0.73	0.73

1. Maturity date indicates when 95% of pods are dried.

2. Lodging rating: 1 (all plants erect) to 5 (over 80% of plants down).

3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

"NS" indicates differences are statistically non-significant (p = 0.10 probability level).

Planted: August 4, 2020.

Harvested: November 16, 2020.

Seeding Rate: 225,000 seeds per acre in 7" rows.

Soil Type: Dothan sandy loam.

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, A. Austinson, B. Brock and D. Darley.