

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2022

Company or Brand Name	Variety	Maturity	Rome	Athens	Griffin		Midville	Plains	Tifton
					Early	Late			
----- bu/acre -----									
Maturity Group IV									
Asgrow	AG47XF2 XF/SR	4.7	50.3	.	77.7	49.3	.	.	60.3
MorSoy	MS 4640 XF	4.6	51.8	.	70.2	50.2	.	.	65.5
MorSoy	MS 4852 XF	4.8	51.9	.	57.7	45.7	.	.	56.2
MU	S16-5503R	4.8	48.1	.	38.9	31.7	.	.	69.1
MU	S16-5540R	4.6	38.2	.	40.2	36.6	.	.	77.5
Pioneer	P48A14E	4.8	58.7	.	73.2	49.1	.	.	68.4
Progeny	P 4505RXS	4.5	53.4	.	77.4	57.3	.	.	49.9
Progeny	P 4821RX	4.8	48.5	.	62.7	50.2	.	.	53.3
Progeny	P 4521XFS	4.5	43.0	.	66.6	56.1	.	.	57.6
Progeny	P 4604XFS	4.6	51.3	.	68.1	54.0	.	.	68.1
Progeny	P 4806XFS	4.8	45.9	.	62.9	52.6	.	.	52.6
Average			49.2	-	63.3	48.4	-	-	63.5
LSD at 10% Level			4.2	-	25.8	4.4	-	-	12.9
Model R-square			0.78	-	0.92	0.96	-	-	0.87
C.V.			7.91	-	17.31	8.37	-	-	18.79

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2022 (Continued)

Company or Brand Name	Variety	Maturity	Rome	Athens	Griffin	Midville		Plains	Tifton
						Early	Late		
----- bu/acre -----									
Maturity Group V									
Asgrow	AG53XF2 XF	5.3	59.1	51.8	59.1	64.8	68.2	56.6	76.4
Asgrow	AG54XF0 XF/SR	5.4	56.1	60.4	56.1	77.9	84.6	66.0	72.9
Asgrow	AG56XF2 XF	5.6	59.1	53.7	59.1	68.7	81.0	52.5	67.6
DONMARIO SEEDS	DM 55F62S	5.5	51.7	59.7	51.7	69.1	74.1	63.5	75.2
DONMARIO SEEDS	DM 59E01	5.9	47.9	54.6	47.9	73.7	81.2	57.2	71.0
Mixon Seed	AGS 52G20	5.2	44.1	60.3	44.1	57.0	79.9	36.7	63.4
Mixon Seed	AGS Exp TN 09-008	5.4	.	59.4	.	71.8	72.4	52.8	67.9
MorSoy	MS 5110E E3	5.1	53.0	66.1	53.0	77.8	67.6	54.2	71.7
MorSoy	MS 5461E E3	5.4	43.4	44.6	43.4	62.5	83.2	66.2	69.4
MorSoy	MS 5640 XF	5.6	56.5	60.7	56.5	78.4	76.8	63.1	78.2
Pioneer	P56A71E	5.6	46.7	55.9	46.7	69.9	81.6	63.5	69.4
Progeny	P 5554RX	5.5	62.2	57.9	62.2	74.5	88.9	65.6	73.1
Average			52.9	57.1	52.9	70.5	78.3	58.2	71.3
LSD at 10% Level			5.1	8.2	5.1	6.4	7.7	5.8	7.2
Model R-square			0.95	0.49	0.95	0.68	0.86	0.80	0.93
C.V.			8.91	13.30	8.91	8.43	8.96	9.20	9.11

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2022 (Continued)

Company or Brand Name	Variety	Maturity	Rome	Athens	Griffin	Midville		Plains	Tifton
						Early	Late		
----- bu/acre -----									
<u>Maturity Group VI</u>									
Asgrow	AG66XF2 XF	6.6	41.2	77.5	39.0	79.7	76.6	69.3	75.9
Asgrow	AG71XF2 XF	7.1	46.6	75.2	29.9	72.6	76.5	68.5	71.3
DONMARIO SEEDS	DM 69E83S	6.9	44.6	72.2	32.9	66.8	75.3	59.0	68.3
INTEGRA	6772	6.7	46.6	70.5	34.2	62.8	72.7	65.3	71.1
INTEGRA	7062	7.0	50.6	71.6	42.4	73.3	77.0	70.7	74.0
Mixon Seed	AGS 61G19	6.1	49.0	48.5	41.5	62.2	72.4	49.4	62.0
Mixon Seed	AGS 6777C	6.7	48.7	68.2	40.4	72.1	81.2	57.8	70.3
Mixon Seed	AGS V5422	5.4	43.7	57.5	41.6	66.7	61.6	59.5	67.7
MorSoy	MS 6060 XF	6.0	48.5	65.2	31.7	69.0	78.0	65.3	71.3
MorSoy	MS 6811E	6.8	37.6	65.4	32.8	58.8	76.0	62.3	69.7
MorSoy	MS 6880 XF	6.8	37.1	64.3	22.4	67.1	69.9	60.8	63.9
MorSoy	MS 6975 XF	6.9	49.3	69.5	29.0	71.4	75.3	63.4	71.7
NK Brand	NK64-C5XF	6.4	50.6	70.7	43.3	68.1	77.0	64.8	73.4
NK Brand	NK65-H5E3	6.5	49.8	65.5	39.4	63.4	75.8	61.3	70.8
NK Brand	NK68-G2E3	6.8	50.3	66.3	40.8	70.8	75.6	69.6	71.5
NK Brand	NK69-Q4XF	6.9	49.5	65.9	52.4	69.7	71.7	66.1	71.8
Pioneer	P63A93E	6.3	43.8	65.7	35.9	63.6	85.4	53.1	76.4
Pioneer	P68A07SX	6.8	53.6	74.3	32.8	74.8	81.7	67.0	74.7
Pioneer	P68A41BE	6.8	45.8	72.8	35.0	63.7	76.7	60.0	70.9
Pioneer	P70A62E	7.0	40.0	66.9	30.8	65.9	76.7	66.7	69.3
Progeny	P 6461RX	6.4	47.4	70.8	41.4	72.1	73.7	62.4	69.5
Progeny	P 6685XFS	6.6	45.4	63.5	28.5	69.3	78.7	66.9	73.3
Purdue	P60GO21	6.0	33.2	64.1	32.7	65.1	73.7	49.7	65.6
SCCIA	SC17-5517	7.0	35.1	76.6	35.8	69.8	74.5	60.9	70.4
Southern Harvest	SH 6323 E3	6.3	38.5	68.6	34.4	62.0	74.9	58.5	64.5
Southern Harvest	SH 6823 E3	6.8	34.9	64.3	39.7	65.8	79.7	62.2	66.6
UGA	G15-1811R2	6.0	44.1	64.4	36.5	63.6	74.0	55.2	69.5
UGA	G18F3D-415	6.0	36.5	63.4	33.2	76.0	67.5	64.6	67.8
UniSouth	USG 7633XF	6.3	56.6	79.5	43.8	71.4	78.4	58.7	74.4
									73.5
Average			45.1	68.1	36.2	68.4	75.7	62.2	70.4
LSD at 10% Level			6.1	6.9	8.9	4.5	6.6	5.4	2.9
Model R-square			0.78	0.73	0.67	0.67	0.64	0.82	0.72
C.V.			12.73	9.52	23.01	6.16	8.25	8.12	3.84

Statewide Yield Summary: MG IV-VIII Soybean Variety Performance, 2022 (Continued)

Company or Brand Name	Variety	Maturity	Athens	Griffin	Midville		Plains		Tifton
					Early	Late	Early	Late	
----- bu/acre -----									
Maturity Group VII and VIII									
Asgrow	AG71XF2 XF	7.1	76.2	28.0	73.3	75.8	69.8	54.4	79.9
Asgrow	AG72XF0 XF	7.2	52.1	36.0	71.9	67.5	68.6	57.9	81.3
GSDC	Cook (Public)	8.0	61.3	16.3	62.2	75.1	56.4	52.8	70.3
INTEGRA	7062	7.0	68.4	23.5	74.4	71.2	71.8	58.7	83.6
INTEGRA	7223	7.2	70.9	32.3	70.6	78.2	67.4	56.4	79.4
Mixon Seed	AGS 738RR	7.3	70.6	33.3	56.4	73.3	60.6	52.4	82.8
Mixon Seed	AGS Woodruff	7.8	38.6	27.6	64.6	58.0	49.3	62.1	69.0
NK Brand	NK72-B2XF	7.2	70.0	27.1	69.7	68.6	65.6	61.6	76.5
Pioneer	P70A62E	7.0	70.2	34.3	60.8	81.6	62.5	58.8	78.4
Purdue	P60GO21	6.0	67.2	29.3	59.0	73.2	53.2	54.5	79.6
Purdue	P70GO21	7.0	62.7	21.1	70.1	75.0	55.9	59.9	77.0
Purdue	P70GRO21	7.0	71.3	37.1	58.0	65.0	57.4	60.4	74.3
SCCIA	Cheraw (Public)	8.0	43.9	19.5	69.9	64.4	57.0	45.1	66.5
SCCIA	Paul (Public)	8.0	71.1	25.4	64.8	70.4	62.7	55.5	70.8
Southern Harvest	SH 7418 LL	7.4	49.9	31.4	78.4	67.9	65.2	58.9	73.4
UGA	G14-4316R2	8.0	57.6	36.5	58.3	74.9	65.5	59.9	81.5
UGA	G14-4396R2	8.0	67.2	22.5	65.2	88.3	52.9	52.7	85.3
UGA	G17-11315	7.0	65.0	30.3	72.6	79.7	66.0	61.6	75.3
UGA	G17-5173R2	7.0	78.6	30.8	73.5	77.4	69.9	59.0	81.8
UGA	G21-209E3	7.0	53.6	17.7	68.3	56.0	65.0	59.9	74.1
UGA	G21-229R2X	7.0	40.0	26.1	65.7	57.5	62.5	58.6	72.4
UGA	G21-230R2X	7.0	50.2	30.4	60.0	60.8	66.1	58.1	72.6
UGA	G21-241R2X	8.0	62.9	35.2	70.7	62.3	63.9	58.8	72.5
UGA	G21-245R2X	8.0	64.0	31.8	62.3	62.1	66.8	59.4	75.8
80.4									
Average			61.8	28.5	66.7	70.2	62.6	57.4	76.4
LSD at 10% Level			9.1	7.1	4.2	5.0	7.0	5.3	5.0
Model R-square			0.7	0.8	0.8	0.9	0.6	1.0	0.6
C.V.			13.8	23.3	6.0	6.7	10.5	8.7	6.1

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.

Yield Summary: Ultra-Late Production Soybean Variety Performance at Camilla, 2022

Company or		2022 Camilla planting		2021 Camilla plantings	
Brand Name	Variety	Maturity	8-2	8-2	8-12
			----- bu/acre -----		
Multiple Maturity Groups					
INTEGRA	7223	7.2	13.6		
MorSoy	MS 6060 XF	6.0	12.1		
Pioneer	95Y70 @275k + inoc.	5.7	11.4		
Pioneer	95Y70 @250k	5.7	11.4		
Pioneer	95Y70 @250k + inoc.	5.7	11.0		
NK Brand	NK68-G2E3	6.8	10.1		
Mixon Seed	AGS V5422	5.4	9.2		
MorSoy	MS 5461E E3	5.4	9.1	47.5	14.7
Pioneer	95Y70 @275k	5.7	8.7		
Asgrow	AG56XF2 XF	5.6	7.5	44.5	13.0
Progeny	P 6461RX	6.4	7.4		
NK Brand	NK69-Q4XF	6.9	7.2	42.6	13.7
Mixon Seed	AGS 61G19	6.1	6.5		
DONMARIO SEEDS	DM 69E83S	6.9	6.5		
Asgrow	AG53XF2 XF	5.3	6.3	36.3	8.4
DONMARIO SEEDS	DM 55F62S	5.5	5.8		
MorSoy	MS 6811E	6.8	5.6		
Pioneer	P63A93E	6.3	5.0		
Southern Harvest	SH 6323 E3	6.3	4.9		
Asgrow	AG54XF0 XF/SR	5.4	4.6	41.9	7.8
INTEGRA	7062	7.0	4.6		
Progeny	P 5554RX	5.5	4.2		
Pioneer	95Y70	5.7	4.2	53.7	14.1
INTEGRA	6772	6.7	4.1		
Progeny	P 6685XFS	6.6	4.1		
Pioneer	P68A07SX	6.8	4.1	43.5	7.1
Mixon Seed	AGS 6777C	6.7	4.0	48.9	14.3
Mixon Seed	AGS 52G20	5.2	4.0		
MorSoy	MS 5110E E3	5.1	4.0		
MorSoy	MS 5640 XF	5.6	3.7	48.8	9.8
NK Brand	NK72-B2XF	7.2	3.7		
Southern Harvest	SH 6823 E3	6.8	3.5		
NK Brand	NK65-H5E3	6.5	3.5		
Asgrow	AG66XF2 XF	6.6	3.3		
Progeny	P 4604XFS	4.6	3.2		
Pioneer	P56A71E	5.6	3.1		
Purdue	P70GO21	7.0	3.1		
Pioneer	P68A41BE	6.8	2.9		
Purdue	P60GO21	6.0	2.6		
Purdue	P70GRO21	7.0	2.3		
Average			5.9	38.5	9.5
LSD at 10% Level			2.2	10.3	4.4
Model R-square			0.97	0.85	0.90
C.V.			27.95	20.39	35.38

Notes: 250 and 275k refers to the seeding rate, in contrast to the recommended 225k seeds/ac. Names including "inoc" received a commercial seed inoculant of *B. japonicum* prior to planting. A trial was also planted at Tifton, but experienced severe whitefly pressure. It is unclear if it will be harvestable.