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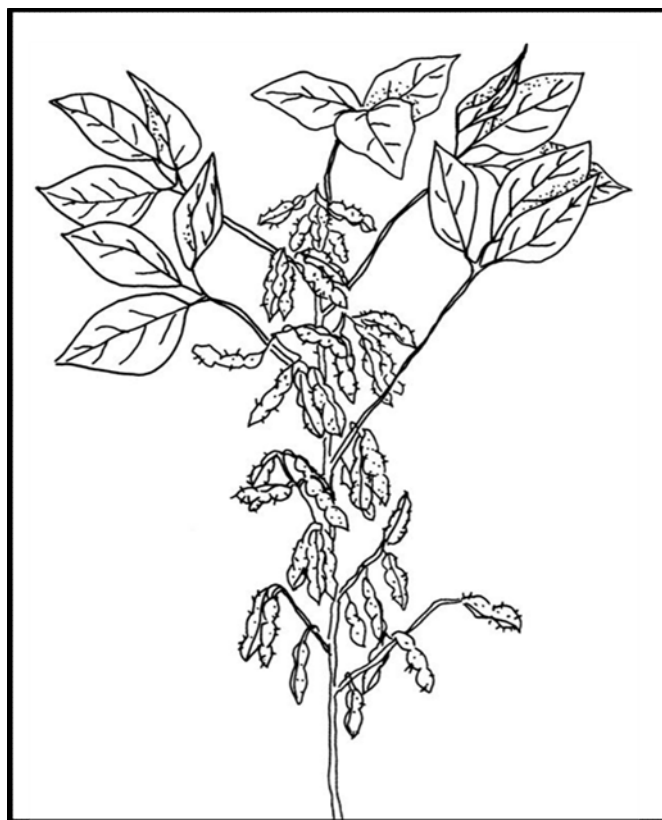
**December 2024**

# **Georgia**

## **2024 Soybean**

### **Performance Tests**

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# Georgia 2024 Soybean Performance Tests

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## Statewide Yield Summary: MG IV Soybean Variety Performance, 2024

Company or Brand Name	Variety	Maturity	Rome		Griffin	Tifton	Statewide Average
			115k	105k			
----- bu/acre -----							
Progeny	P 5056XFS	5.0	<b>87.2</b>	<b>93.7</b>	<b>84.7</b>	<b>62.1</b>	<b>82.1</b>
Asgrow	AG50XF5	5.0	<b>87.4</b>	<b>87.3</b>	<b>81.0</b>	<b>66.3</b>	<b>79.0</b>
Asgrow	AG47XF5	4.7	78.6	79.9	<b>78.0</b>	59.4	76.0
Pioneer	P48A14E	4.8	82.0	84.8	<b>84.4</b>	56.2	76.0
Revere	49-F36	4.9	<b>91.2</b>	<b>90.0</b>	70.6	56.0	75.5
Progeny	P 4947XFS	4.9	85.1	<b>87.4</b>	72.8	53.6	74.9
Progeny	P 4604XFS	4.6	72.7	79.4	<b>84.2</b>	56.9	74.2
Innvictis	A4862XF	4.8	80.7	74.8	<b>82.6</b>	60.4	74.0
Integra	XF4634S	4.6	<b>86.2</b>	81.4	71.6	52.4	73.8
SEEDS	DM 48E54	4.8	77.8	78.8	<b>78.3</b>	51.5	73.1
Integra	XF4875S	4.8	85.5	81.1	73.6	56.0	72.9
Asgrow	AG48XF5	4.8	75.3	80.4	68.3	56.1	72.3
USG	7495XFS	4.9	74.0	71.9	<b>77.1</b>	<b>69.1</b>	72.2
Revere	4826XFS	4.8	75.6	78.4	73.7	54.5	71.2
Armor	49-F37	4.9	73.7	79.4	72.6	<b>65.6</b>	70.5
Integra	XF4914S	4.9	79.7	67.6	67.5	58.7	70.0
Progeny	P 4623XF	4.6	74.0	77.2	<b>82.3</b>	49.8	69.7
Revere	48-F72	4.8	78.4	77.8	<b>78.1</b>	51.3	69.4
Progeny	P 4806XFS	4.8	69.9	78.0	69.2	49.3	67.3
Progeny	P 4798XF	4.7	75.1	80.1	75.0	33.3	67.0
Progeny	P 4691XFS	4.6	76.2	66.5	61.4	52.5	63.8
Progeny	P 4848XF	4.8	62.6	62.2	56.4	44.9	55.8
Innvictis	A4814XF	4.8	75.3	72.3	<b>86.0</b>	.	.
Innvictis	A4924XF	4.9	73.7	75.3	75.1	.	.
Average			78.3	78.6	75.2	55.5	71.9
LSD at 10% Level			5.0	8.1	10.0	7.2	5.2
Model R-square			0.92	0.80	0.72	0.64	0.58
C.V.			6.0	9.7	12.5	12.2	13.7

Planted: 4/29    4/29    4/30    4/25  
Harvested: 10/23    10/23    10/10    10/8

Note: Seeding rates at Rome were 115k and 105k seeds per acre, while Griffin and Tifton used 110k.  
No

## Rome, Georgia: MG IV

### Soybean Variety Performance, 2024, Irrigated, 115k seeds/acre

Company or Brand Name	Variety	MG	Yield --bu/acre--	Maturity date	Plant Height in	Lodg. <sup>1</sup> rating	Seed Size no./lb	Seed Quality <sup>2</sup> rating
Revere	49-F36	4.9	<b>91.2</b>	09/13	38	0.9	.	.
Asgrow	AG50XF5	5.0	<b>87.4</b>	09/22	36	1.0	.	.
Progeny	P 5056XFS	5.0	<b>87.2</b>	09/14	40	1.7	.	.
Integra	XF4634S	4.6	<b>86.2</b>	09/13	39	1.3	.	.
Integra	XF4875S	4.8	85.5	09/14	34	1.4	.	.
Progeny	P 4947XFS	4.9	85.1	09/15	41	1.3	.	.
Pioneer	P48A14E	4.8	82.0	09/13	39	1.0	.	.
Innvictis	A4862XF	4.8	80.7	09/11	32	1.3	.	.
Integra	XF4914S	4.9	79.7	09/10	33	1.0	.	.
Asgrow	AG47XF5	4.7	78.6	09/12	36	1.4	.	.
Revere	48-F72	4.8	78.4	09/14	30	1.1	.	.
DONMARIO	DM 48E54	4.8	77.8	09/08	35	1.7	.	.
Progeny	P 4691XFS	4.6	76.2	09/11	37	1.1	.	.
Revere	4826XFS	4.8	75.6	09/14	30	1.0	.	.
Asgrow	AG48XF5	4.8	75.3	09/17	38	1.3	.	.
Innvictis	A4814XF	4.8	75.3	09/11	31	1.0	.	.
Progeny	P 4798XF	4.7	75.1	09/07	35	1.3	.	.
Progeny	P 4623XF	4.6	74.0	09/12	29	1.1	.	.
USG	7495XFS	4.9	74.0	09/15	39	1.2	.	.
Armor	49-F37	4.9	73.7	09/11	31	1.4	.	.
Innvictis	A4924XF	4.9	73.7	09/13	30	1.1	.	.
Progeny	P 4604XFS	4.6	72.7	09/09	34	1.0	.	.
Progeny	P 4806XFS	4.8	69.9	09/13	34	1.0	.	.
Progeny	P 4848XF	4.8	62.6	09/15	30	1.0	.	.
Average			78.3	09/13	35	1.2	-	-
LSD at 10% Level			5.0	4	2	NS	-	-
Model R-square			0.92	0.75	0.90	0.64	-	-
C.V.			6.0	0.0	5.8	31.6	-	-

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

2. 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.

Planted: April 29, 2024.  
Harvested: October 23, 2024.  
Seeding Rate: 115,000 seeds per acre in 30" rows.  
Soil Type: Wax loam.  
Soil Test: 47 lb P<sub>2</sub>O<sub>5</sub>, 261 lb K<sub>2</sub>O/acre, and pH = 5.6.  
Preplant Fertilizer: 13 lb N, 32 lb P<sub>2</sub>O<sub>5</sub>, 72 lb K<sub>2</sub>O and 4,000 lb lime/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, M. Tucker, and T. Turnquist.

## Rome, Georgia: MG IV

### Soybean Variety Performance, 2024, Irrigated, 105k seeds/acre

Company or Brand Name	Variety	MG	Yield --bu/acre--	Maturity date	Plant Height in	Lodg. <sup>1</sup> rating	Seed Size no./lb	Seed Quality <sup>2</sup> rating
Progeny	P 5056XFS	5.0	<b>93.7</b>	09/16	36	1.7	.	.
Revere	49-F36	4.9	<b>90.0</b>	09/14	36	1.7	.	.
Progeny	P 4947XFS	4.9	<b>87.4</b>	09/14	35	1.7	.	.
Asgrow	AG50XF5	5.0	<b>87.3</b>	09/21	38	1.0	.	.
Pioneer	P48A14E	4.8	84.8	09/11	37	1.3	.	.
Integra	XF4634S	4.6	81.4	09/16	40	2.3	.	.
Integra	XF4875S	4.8	81.1	09/14	38	1.7	.	.
Asgrow	AG48XF5	4.8	80.4	09/11	42	1.3	.	.
Progeny	P 4798XF	4.7	80.1	09/23	34	1.7	.	.
Asgrow	AG47XF5	4.7	79.9	09/12	38	1.3	.	.
Armor	49-F37	4.9	79.4	09/12	33	2.3	.	.
Progeny	P 4604XFS	4.6	79.4	09/13	36	1.7	.	.
DONMARIO	DM 48E54	4.8	78.8	09/10	35	2.0	.	.
Revere	4826XFS	4.8	78.4	09/10	34	1.0	.	.
Progeny	P 4806XFS	4.8	78.0	09/11	34	1.0	.	.
Revere	48-F72	4.8	77.8	09/15	33	1.0	.	.
Progeny	P 4623XF	4.6	77.2	09/13	32	1.7	.	.
Innvictis	A4924XF	4.9	75.3	09/12	31	1.0	.	.
Innvictis	A4862XF	4.8	74.8	09/14	33	1.3	.	.
Innvictis	A4814XF	4.8	72.3	09/15	33	1.0	.	.
USG	7495XFS	4.9	71.9	09/13	38	2.0	.	.
Integra	XF4914S	4.9	67.6	09/15	34	1.3	.	.
Progeny	P 4691XFS	4.6	66.5	09/09	33	1.7	.	.
Progeny	P 4848XF	4.8	62.2	09/14	32	1.3	.	.
Average			78.6	09/14	35	1.5	-	-
LSD at 10% Level			8.1	3.5	3	0.6	-	-
Model R-square			0.80	0.76	0.73	0.66	-	-
C.V.			9.7	0.0	8.4	34.8	-	-

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

2. 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.

Planted: April 29, 2024.  
Harvested: October 23, 2024.  
Seeding Rate: 105,000 seeds per acre in 30" rows.  
Soil Type: Wax loam.  
Soil Test: 47 lb P<sub>2</sub>O<sub>5</sub>, 261 lb K<sub>2</sub>O/acre, and pH = 5.6.  
Preplant Fertilizer: 13 lb N, 32 lb P<sub>2</sub>O<sub>5</sub>, 72 lb K<sub>2</sub>O and 4,000 lb lime/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, M. Tucker, and T. Turnquist.

## Griffin, Georgia: MG IV Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	MG	Yield --bu/acre--	Maturity date	Plant Height in	Lodg. <sup>1</sup> rating	Seed Size no./lb	Seed Quality <sup>2</sup> rating	Flower Color
Innvictis	A4814XF	4.8	<b>86.0</b>	.	30	1.3	3,128	3.5	Purple
Progeny	P 5056XFS	5.0	<b>84.7</b>	.	38	2.0	2,828	3.8	Purple
Pioneer	P48A14E	4.8	<b>84.4</b>	.	35	1.7	3,282	3.8	Purple
Progeny	P 4604XFS	4.6	<b>84.2</b>	.	37	2.3	2,917	3.3	Purple
Innvictis	A4862XF	4.8	<b>82.6</b>	.	32	1.7	3,243	3.8	White
Progeny	P 4623XF	4.6	<b>82.3</b>	.	31	1.7	3,117	3.5	Purple
Asgrow	AG50XF5	5.0	<b>81.0</b>	.	34	1.7	2,963	3.1	Purple
DONMARIO	DM 48E54	4.8	<b>78.3</b>	.	36	2.3	3,119	3.5	Purple
Revere	48-F72	4.8	<b>78.1</b>	.	30	1.0	3,179	3.6	Purple
Asgrow	AG47XF5	4.7	<b>78.0</b>	.	34	1.7	3,083	3.4	Purple
USG	7495XFS	4.9	<b>77.1</b>	.	37	1.7	3,200	3.3	Purple
Innvictis	A4924XF	4.9	75.1	.	30	1.0	2,827	3.5	Purple
Progeny	P 4798XF	4.7	75.0	.	33	2.0	2,705	3.4	Purple
Revere	4826XFS	4.8	73.7	.	33	1.0	2,913	3.5	Purple
Integra	XF4875S	4.8	73.6	.	33	1.3	3,049	3.5	Purple
Progeny	P 4947XFS	4.9	72.8	.	34	1.7	3,077	3.6	Purple
Armor	49-F37	4.9	72.6	.	33	1.0	3,554	3.8	Purple
Integra	XF4634S	4.6	71.6	.	35	2.0	2,959	3.5	White
Revere	49-F36	4.9	70.6	.	35	1.0	3,137	3.6	Purple
Progeny	P 4806XFS	4.8	69.2	.	30	1.0	3,058	3.6	Purple
Asgrow	AG48XF5	4.8	68.3	.	33	1.0	2,821	3.5	White
Integra	XF4914S	4.9	67.5	.	31	1.7	3,355	3.8	White
Progeny	P 4691XFS	4.6	61.4	.	33	1.3	3,674	3.8	Purple
Progeny	P 4848XF	4.8	56.4	.	30	1.0	3,362	3.1	Purple
Average			75.2	-	33	1.5	3,106	3.52	-
LSD at 10% Level			10.0	-	2	0.5	177	0.26	-
Model R-square			0.72	-	0.86	0.65	0.95	1.00	-
C.V.			12.5	-	6.8	28.5	4.2	5.6	-

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

2. 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.

Planted: April 30, 2024.  
Harvested: October 10, 2024.  
Seeding Rate: 110,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 35 lb P<sub>2</sub>O<sub>5</sub>, 207 lb K<sub>2</sub>O/acre, and pH = 6.3.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Tifton, Georgia: MG IV Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	MG	Yield --bu/acre--	Maturity date	Plant Height in	Lodg. <sup>1</sup> rating	Seed Size no./lb	Seed Quality <sup>2</sup> rating
USG	7495XFS	4.9	<b>69.1</b>	.	37	3.0	.	.
Asgrow	AG50XF5	5.0	<b>66.3</b>	.	32	2.0	.	.
Armor	49-F37	4.9	<b>65.6</b>	.	32	2.1	.	.
Progeny	P 5056XFS	5.0	<b>62.1</b>	.	36	2.7	.	.
Innvictis	A4862XF	4.8	60.4	.	35	2.4	.	.
Asgrow	AG47XF5	4.7	59.4	.	34	2.1	.	.
Integra	XF4914S	4.9	58.7	.	29	2.0	.	.
Progeny	P 4604XFS	4.6	56.9	.	33	2.0	.	.
Pioneer	P48A14E	4.8	56.2	.	33	2.1	.	.
Asgrow	AG48XF5	4.8	56.1	.	36	2.0	.	.
Integra	XF4875S	4.8	56.0	.	31	2.0	.	.
Revere	49-F36	4.9	56.0	.	35	2.0	.	.
Revere	4826XFS	4.8	54.5	.	28	1.9	.	.
Progeny	P 4947XFS	4.9	53.6	.	35	2.3	.	.
Progeny	P 4691XFS	4.6	52.5	.	32	2.1	.	.
Integra	XF4634S	4.6	52.4	.	34	2.3	.	.
DONMARIO	DM 48E54	4.8	51.5	.	33	2.7	.	.
Revere	48-F72	4.8	51.3	.	30	2.0	.	.
Progeny	P 4623XF	4.6	49.8	.	28	2.0	.	.
Progeny	P 4806XFS	4.8	49.3	.	28	1.9	.	.
Progeny	P 4848XF	4.8	44.9	.	30	2.0	.	.
Progeny	P 4798XF	4.7	33.3	.	30	2.6	.	.
Average			55.5	-	32	2.2	-	-
LSD at 10% Level			7.2	-	2	0.3	-	-
Model R-square			0.64	-	0.81	0.83	-	-
C.V.			12.2	-	4.8	11.8	-	-

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

2. 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.

Planted: April 25, 2024.  
Harvested: October 8, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Tifton loamy sand.  
Previous Crop: Corn.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 108 lb K<sub>2</sub>O, and pH = 5.9.  
Preplant Fertilizer: 70 lb P<sub>2</sub>O<sub>5</sub>, 120 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Warrant, Select, Basagran, and Blazer.  
Irrigation: 10.3 inches.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

## Statewide Yield Summary: MG V-VIII Soybean Variety Performance, 2024

Company or Brand Name	Variety	Maturity	April-planted							Plains	Attapulugus	Statewide Average
			Rome	Griffin	Athens	Griffin	Midville	Tifton	bu/acre			
<b>Maturity Group V</b>												
Revere	53-F84	5.3	<b>77.9</b>	68.0	<b>70.5</b>	84.2	.	<b>83.3</b>	50.4	<b>72.2</b>	<b>72.5</b>	
Armor	59-F21	5.9	60.5	64.5	<b>65.6</b>	80.6	.	81.9	59.9	<b>76.0</b>	<b>69.9</b>	
Innictis	A5994XF	5.9	62.4	63.2	<b>68.7</b>	79.7	.	<b>82.2</b>	<b>65.7</b>	<b>71.4</b>	<b>69.6</b>	
USG	7633XF	6.3	66.1	68.2	<b>67.7</b>	66.6	.	<b>85.4</b>	58.0	<b>72.8</b>	<b>69.3</b>	
Progeny	P 5751XFS	5.7	50.0	74.2	62.3	80.9	.	72.3	<b>67.3</b>	59.1	68.2	
Asgrow	AG50XF5	5.0	<b>80.9</b>	55.8	<b>65.3</b>	84.5	.	75.9	45.6	66.8	68.0	
Dyna-Gro	S58XF24	5.8	54.5	76.6	59.2	84.4	.	72.2	63.2	65.5	67.7	
DONMARIO SEEDS	DM 53E53	5.3	<b>76.6</b>	69.7	<b>67.6</b>	61.0	.	72.2	57.2	64.0	66.4	
Asgrow	AG55XF5	5.5	72.0	65.0	63.4	79.6	.	77.4	46.3	60.1	66.4	
Innictis	A5813XF	5.8	54.3	75.0	<b>64.5</b>	69.4	.	68.9	65.0	63.0	65.8	
Integra	XF5834S	5.8	56.3	69.6	64.1	62.1	.	77.0	63.6	62.5	65.3	
Revere	5735XFS	5.7	57.4	73.7	53.2	69.0	.	76.0	64.4	59.3	65.0	
DONMARIO SEEDS	DM 59E01S	5.9	73.5	65.7	62.3	57.0	.	73.2	56.4	61.8	64.4	
NK Brand	58-B8E3S	5.8	62.2	65.4	57.4	71.1	.	73.9	50.9	66.5	64.2	
Asgrow	AG54XF5	5.4	66.8	59.8	52.3	73.4	.	75.8	47.5	63.5	63.8	
Innictis	A5284XF	5.2	73.3	82.9	53.4	63.0	.	74.4	48.9	51.7	63.7	
Pioneer	P56A71E	5.6	67.6	69.7	54.5	62.1	.	68.8	58.2	68.2	63.5	
DONMARIO SEEDS	DM 55F62S	5.5	73.2	53.9	<b>64.7</b>	74.7	.	76.2	45.4	57.1	63.2	
Asgrow	AG52XF5	5.2	59.7	68.3	57.9	68.1	.	72.7	54.9	59.7	62.6	
Progeny	P 5056XFS	5.0	<b>78.6</b>	66.8	<b>67.8</b>	60.8	.	69.2	50.1	48.0	62.1	
Average			66.2	67.8	62.1	71.6	-	75.4	55.9	63.5	66.1	
LSD at 10% Level			7.1	NS	6.3	NS	-	3.3	2.3	6.0	3.9	
Model R-square			0.75	0.9	0.95	0.4	-	0.96	1	0.94	0.32	
C.V.			10.03	14.51	9.11	20.4	-	3.96	3.66	8.48	14.9	

Planted:	4/29	4/30	5/21	5/8	6/5	5/7
Harvested:	10/23	10/29	11/13	10/24	11/13	11/5

Note: Midville tests were left unharvestable due to the hurricane.





## Rome, Georgia: MG V

### Soybean Variety Performance, 2024, Irrigated, April-planted

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
Asgrow	AG50XF5	5.0	<b>80.9</b>	09/18	34	1.0	.	.
Progeny	P 5056XFS	5.0	<b>78.6</b>	09/13	37	2.0	.	.
Revere	53-F84	5.3	<b>77.9</b>	09/16	41	2.0	.	.
DONMARIO SEEDS	DM 53E53	5.3	<b>76.6</b>	09/12	30	1.0	.	.
DONMARIO SEEDS	DM 59E01S	5.9	73.5	09/14	40	2.0	.	.
Innvictis	A5284XF	5.2	73.3	09/15	36	1.0	.	.
DONMARIO SEEDS	DM 55F62S	5.5	73.2	09/14	41	2.0	.	.
Asgrow	AG55XF5	5.5	72.0	09/21	31	1.0	.	.
Pioneer	P56A71E	5.6	67.6	09/20	32	1.0	.	.
Asgrow	AG54XF5	5.4	66.8	09/18	32	1.0	.	.
USG	7633XF	6.3	66.1	09/18	33	1.3	.	.
Innvictis	A5994XF	5.9	62.4	09/18	35	1.3	.	.
NK Brand	58-B8E3S	5.8	62.2	09/17	34	1.0	.	.
Armor	59-F21	5.9	60.5	09/24	39	1.3	.	.
Asgrow	AG52XF5	5.2	59.7	09/14	31	1.3	.	.
Revere	5735XFS	5.7	57.4	09/25	24	1.0	.	.
Integra	XF5834S	5.8	56.3	09/25	27	1.0	.	.
Dyna-Gro	S58XF24	5.8	54.5	09/25	25	1.0	.	.
Innvictis	A5813XF	5.8	54.3	09/25	26	1.0	.	.
Progeny	P 5751XFS	5.7	50.0	09/24	23	1.0	.	.
Average			66.2	09/19	33	1.3	-	-
LSD at 10% Level			7.1	2	3	0.3	-	-
Model R-square			0.75	0.99	0.83	0.78	-	-
C.V.			10.0	0.0	9.5	20.8	-	-

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: April 29, 2024.  
Harvested: October 23, 2024.  
Seeding Rate: 105,000 seeds per acre in 30" rows.  
Soil Type: Wax loam.  
Soil Test: 47 lb P<sub>2</sub>O<sub>5</sub>, 261 lb K<sub>2</sub>O/acre, and pH = 5.6.  
Preplant Fertilizer: 13 lb N, 32 lb P<sub>2</sub>O<sub>5</sub>, 72 lb K<sub>2</sub>O and 4,000 lb lime/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, M. Tucker, and T. Turnquist.

## Athens, Georgia: MG V Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
Revere	53-F84	5.3	<b>70.5</b>	10/04	43	2.3	.	.
Innvictis	A5994XF	5.9	<b>68.7</b>	10/08	38	2.6	.	.
Progeny	P 5056XFS	5.0	<b>67.8</b>	09/29	48	2.0	.	.
USG	7633XF	6.3	<b>67.7</b>	10/10	36	2.0	.	.
DONMARIO SEEDS	DM 53E53	5.3	<b>67.6</b>	10/01	33	1.7	.	.
Armor	59-F21	5.9	<b>65.6</b>	10/10	36	2.0	.	.
Asgrow	AG50XF5	5.0	<b>65.3</b>	10/01	42	1.3	.	.
DONMARIO SEEDS	DM 55F62S	5.5	<b>64.7</b>	10/01	50	2.1	.	.
Innvictis	A5813XF	5.8	<b>64.5</b>	10/10	36	1.1	.	.
Integra	XF5834S	5.8	64.1	10/10	37	0.9	.	.
Asgrow	AG55XF5	5.5	63.4	10/02	33	1.0	.	.
Progeny	P 5751XFS	5.7	62.3	10/07	35	1.3	.	.
DONMARIO SEEDS	DM 59E01S	5.9	62.3	10/03	48	2.7	.	.
Dyna-Gro	S58XF24	5.8	59.2	10/10	34	1.0	.	.
Asgrow	AG52XF5	5.2	57.9	10/07	47	2.7	.	.
NK Brand	58-B8E3S	5.8	57.4	10/04	31	1.1	.	.
Pioneer	P56A71E	5.6	54.5	10/02	35	1.4	.	.
Innvictis	A5284XF	5.2	53.4	10/05	38	1.0	.	.
Revere	5735XFS	5.7	53.2	10/09	35	1.3	.	.
Asgrow	AG54XF5	5.4	52.3	09/30	39	2.0	.	.
Average			62.1	10/05	39	1.7	-	-
LSD at 10% Level			6.3	2	4	0.6	-	-
Model R-square			0.95	0.97	0.96	0.92	-	-
C.V.			9.1	0.0	10.1	32.7	-	-

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:

Harvested:

Seeding Rate: 110,000 seeds per acre in 30" rows.

Management: Conventional tillage.

Test conducted by Z. Li, B. Little, and M. Mitchum.

## Athens, Georgia: MG VI Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
USG	7633XF	6.3	<b>55.6</b>	10/10	35	2.0	.	.
DONMARIO SEEDS	DM 59E01S	5.9	<b>55.1</b>	10/04	50	2.3	.	.
NC Foundation	NC Dunphy	6	<b>55.0</b>	10/02	33	1.0	.	.
Pioneer	P68A41BE	6.8	<b>53.5</b>	10/17	40	2.3	.	.
UGA	G18-3051R2	6	<b>53.1</b>	10/18	38	1.0	.	.
Revere	6927XF	6.9	52.8	10/19	37	1.3	.	.
Southern Harvest	SH 6524 E3	6.5	51.2	10/10	40	2.7	.	.
UGA	G18-3118R2	6	50.8	10/18	46	1.0	.	.
Asgrow	AG69XF5	6.9	49.8	10/17	43	2.0	.	.
Integra	XF6984	6.9	48.5	10/11	35	1.3	.	.
Clemson	SC17-5517	7.0	47.4	10/21	37	2.3	.	.
Mixon Seed	AGS Virtue V5422	5.4	47.1	10/02	46	1.0	.	.
Revere	62-F24	6.2	46.2	10/09	36	1.3	.	.
Progeny	P 6685XFS	6.6	45.9	10/13	38	1.3	.	.
Armor	68-F35	6.8	45.7	10/19	40	2.3	.	.
UGA	G19-13615	6	45.0	10/17	40	1.0	.	.
Perdue	P60GO21	6.0	43.9	10/09	41	2.0	.	.
Southern Harvest	SH 6323 E3	6.3	43.5	10/12	42	2.0	.	.
UGA	G19-12361	6	40.7	10/16	38	1.0	.	.
NK Brand	63-U7XF	6.3	38.8	10/12	40	1.7	.	.
Average			48.5	10/13	40	1.7	-	-
LSD at 10% Level			4.7	3	2	0.4	-	-
Model R-square			0.97	0.98	0.98	0.77	-	-
C.V.			8.6	0.0	4.8	24.0	-	-

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:

Harvested:

Seeding Rate: 110,000 seeds per acre in 30" rows.

Management: Conventional tillage.

Test conducted by Z. Li, B. Little, and M. Mitchum.

## Athens, Georgia: MG VII-VIII Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
UGA	G18-12063	7	<b>54.1</b>	10/13	44	2.0	.	.
Southern Harvest	SH 7024 E3	7.0	<b>51.5</b>	10/17	40	2.0	.	.
UGA	G19-13438	7	<b>51.2</b>	10/23	40	1.7	.	.
Mixon Seed	AGS 738RR	7.3	<b>51.1</b>	10/10	40	2.3	.	.
Armor	71-F12	7.1	50.6	10/18	36	1.0	.	.
Dyna-Gro	S71XF93	7.1	50.3	10/21	40	1.3	.	.
DONMARIO SEEDS	DM 69E83S	6.9	49.6	10/18	38	2.3	.	.
UGA	G18-3311R2	7	49.2	10/23	48	2.0	.	.
UGA	G21-245R2X	8	47.5	10/19	40	2.0	.	.
Mixon Seed	AGS Woodruff	7.8	47.2	10/21	42	2.3	.	.
UGA	G21-230R2X	7	47.1	10/21	42	2.0	.	.
Perdue	P70GO21	7.0	46.4	10/17	37	2.0	.	.
GSDC	Cook (Public)	8	46.3	10/20	41	3.0	.	.
NC Foundation	N8002	8	45.3	10/21	39	2.7	.	.
Pioneer	P70A62E	7.0	44.6	10/18	38	2.7	.	.
UGA	G18-6669HOLNR2	7	44.0	10/18	43	1.7	.	.
Average			48.5	10/19	41	2.1	-	-
LSD at 10% Level			4.0	2	NS	0.5	-	-
Model R-square			0.62	0.96	0.88	0.70	-	-
C.V.			7.7	0.0	11.2	21.2	-	-

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:

Harvested:

Seeding Rate: 140,000 seeds per acre in 30" rows.

Management: Conventional tillage.

Test conducted by Z. Li, B. Little, and M. Mitchum.

## Griffin, Georgia: MG V

### Soybean Variety Performance, 2024, Irrigated, April-planted

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating	Flower Color
Innvictis	A5284XF	5.2	82.9	10/10	33	0.6	2,848	1.8	Purple
Dyna-Gro	S58XF24	5.8	76.6	10/14	31	1.3	3,631	1.4	White
Innvictis	A5813XF	5.8	75.0	10/10	34	1.6	3,613	1.5	White
Progeny	P 5751XFS	5.7	74.2	10/11	33	0.9	3,432	1.4	White
Revere	5735XFS	5.7	73.7	10/12	34	1.2	3,645	1.6	White
Pioneer	P56A71E	5.6	69.7	10/04	31	1.5	3,531	1.8	Purple
DONMARIO SEEDS	DM 53E53	5.3	69.7	10/03	31	1.4	3,269	1.5	Purple
Integra	XF5834S	5.8	69.6	10/14	33	1.5	3,613	1.5	White
Asgrow	AG52XF5	5.2	68.3	10/13	37	2.0	3,068	1.8	White
USG	7633XF	6.3	68.2	10/11	30	1.9	3,664	1.8	White
Revere	53-F84	5.3	68.0	10/10	31	1.4	3,849	1.9	White
Progeny	P 5056XFS	5.0	66.8	10/08	36	1.9	2,827	2.3	Purple
DONMARIO SEEDS	DM 59E01S	5.9	65.7	10/09	41	1.6	3,348	1.8	White
NK Brand	58-B8E3S	5.8	65.4	10/05	32	1.3	3,805	1.6	Purple
Asgrow	AG55XF5	5.5	65.0	10/02	32	1.1	3,238	1.5	White
Armor	59-F21	5.9	64.5	10/18	38	2.2	2,993	1.4	Purple
Innvictis	A5994XF	5.9	63.2	10/13	30	1.6	3,744	1.9	Purple
Asgrow	AG54XF5	5.4	59.8	09/30	33	1.7	3,247	1.8	White
Asgrow	AG50XF5	5.0	55.8	10/04	30	1.1	3,127	2.3	Purple
DONMARIO SEEDS	DM 55F62S	5.5	53.9	10/05	38	1.3	3,504	2.0	White
Average			67.8	10/09	33	1.5	3,400	1.7	-
LSD at 10% Level			NS	2	3	NS	179	0.2	-
Model R-square			0.90	0.90	0.97	0.94	0.91	0.82	-
C.V.			14.5	0.0	7.6	34.0	4.0	10.0	-

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: April 30, 2024.  
Harvested: October 29, 2024.  
Seeding Rate: 110,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 35 lb P<sub>2</sub>O<sub>5</sub>, 207 lb K<sub>2</sub>O/acre, and pH = 6.3.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Griffin, Georgia: MG V Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield	Maturity <sup>1</sup>	Plant Height	Lodging <sup>2</sup>	Seed Size	Seed Quality <sup>3</sup>	Flower Color
			bu/acre	date	in	rating	no./lb	rating	
Asgrow	AG50XF5	5.0	84.5	09/26	33	1.5	3,076	2.3	Purple
Dyna-Gro	S58XF24	5.8	84.4	10/07	31	1.0	3,617	1.4	White
Revere	53-F84	5.3	84.2	10/10	38	2.9	3,698	2.6	White
Progeny	P 5751XFS	5.7	80.9	10/06	33	1.3	3,562	2.0	White
Armor	59-F21	5.9	80.6	10/13	34	2.3	2,971	1.3	Purple
Innvictis	A5994XF	5.9	79.7	10/08	31	1.3	3,587	2.0	Purple
Asgrow	AG55XF5	5.5	79.6	09/28	31	1.1	3,223	1.6	White
DONMARIO SEEDS	DM 55F62S	5.5	74.7	10/04	42	2.3	3,310	2.6	White
Asgrow	AG54XF5	5.4	73.4	09/28	34	1.3	3,097	2.4	White
NK Brand	58-B8E3S	5.8	71.1	10/04	33	1.0	4,024	2.1	Purple
Innvictis	A5813XF	5.8	69.4	10/05	34	1.0	3,679	1.3	White
Revere	5735XFS	5.7	69.0	10/06	33	1.4	3,640	1.4	White
Asgrow	AG52XF5	5.2	68.1	10/10	39	2.6	3,252	2.1	White
USG	7633XF	6.3	66.6	10/08	34	1.4	3,839	1.6	White
Innvictis	A5284XF	5.2	63.0	10/08	37	0.9	2,588	3.6	Purple
Integra	XF5834S	5.8	62.1	10/09	32	1.1	3,611	1.4	White
Pioneer	P56A71E	5.6	62.1	09/27	32	1.4	3,537	2.0	Purple
DONMARIO SEEDS	DM 53E53	5.3	61.0	09/29	31	1.1	3,424	1.9	Purple
Progeny	P 5056XFS	5.0	60.8	10/06	39	2.8	2,671	4.5	Purple
DONMARIO SEEDS	DM 59E01S	5.9	57.0	10/06	43	2.6	3,228	2.6	White
Average			71.6	10/05	35	1.6	3,382	2.1	-
LSD at 10% Level			NS	3	3	0.6	315	0.9	-
Model R-square			0.37	0.82	0.98	0.94	0.84	0.74	-
C.V.			20.4	0.0	7.0	35.2	7.0	32.6	-

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: May 21, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 110,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 35 lb P<sub>2</sub>O<sub>5</sub>, 207 lb K<sub>2</sub>O/acre, and pH = 6.3.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Griffin, Georgia: MG VI Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating	Flower Color
Asgrow	AG69XF5	6.9	78.6	10/21	39	2.0	2,706	1.5	Purple
Pioneer	P68A41BE	6.8	75.0	10/21	31	1.9	2,891	1.5	White
Revere	6927XF	6.9	72.2	10/23	32	1.1	2,841	1.5	Purple
Mixon Seed	AGS Virtue V5422	5.4	69.6	10/04	39	1.4	3,217	3.5	Purple
Integra	XF6984	6.9	68.5	10/16	30	1.0	3,348	1.8	Purple
Armor	68-F35	6.8	68.4	10/20	32	1.1	2,923	2.3	Purple
NC Foundation	NC Dunphy	6	68.2	10/11	26	1.4	2,788	2.5	Purple
UGA	G19-13615	6	67.8	10/19	33	0.7	3,194	1.6	White
USG	7633XF	6.3	67.6	10/14	30	1.4	3,639	2.8	White
DONMARIO SEEDS	DM 59E01S	5.9	67.5	10/10	42	2.4	3,251	4.4	White
UGA	G19-12361	6	67.5	10/27	37	2.1	3,192	2.1	White
NK Brand	63-U7XF	6.3	67.4	10/15	36	2.2	4,020	1.9	White
UGA	G18-3118R2	6	66.7	10/23	39	2.1	3,039	1.4	Purple
Southern Harvest	SH 6323 E3	6.3	65.6	10/17	34	2.9	4,099	1.8	White
Revere	62-F24	6.2	65.5	10/13	32	1.4	3,536	3.0	Purple
Progeny	P 6685XFS	6.6	64.3	10/17	32	1.5	3,258	2.0	Purple
Clemson	SC17-5517	7	63.4	10/22	33	2.5	3,520	1.5	White
Southern Harvest	SH 6524 E3	6.5	62.6	10/17	35	2.9	3,997	1.8	White
Perdue	P60GO21	6	60.3	10/14	38	3.7	3,705	2.6	Purple
UGA	G18-3051R2	6	59.5	10/18	31	0.8	3,558	2.4	White
Average			67.3	10/17	34	1.8	3,336	2.2	-
LSD at 10% Level			NS	2	3	0.7	270	0.6	-
Model R-square			0.29	0.99	0.96	0.96	0.89	0.87	-
C.V.			12.9	0.0	7.0	35.2	6.1	19.7	-

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: May 21, 2024.  
Harvested: November 26, 2024.  
Seeding Rate: 110,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 92 lb P<sub>2</sub>O<sub>5</sub>, 279 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant, Classic, and Blazer.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Griffin, Georgia: MG VII-VIII Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating	Flower Color
Dyna-Gro	S71XF93	7.1	<b>79.1</b>	10/26	37	1.7	2,602	1.2	Purple
Armor	71-F12	7.1	<b>77.5</b>	10/23	35	1.8	2,769	1.2	Purple
UGA	G21-230R2X	7	<b>73.2</b>	10/25	35	4.1	2,840	1.2	Purple
UGA	G18-6669HOLNR2	7	<b>72.5</b>	10/22	38	1.4	3,413	2.0	Purple
UGA	G19-13438	7	68.5	10/26	32	1.3	2,798	1.2	Purple
UGA	G18-12063	7	67.9	10/21	38	3.1	3,256	2.0	White
Mixon Seed	AGS Woodruff	7.8	67.8	10/28	42	4.0	2,572	1.5	White
Perdue	P70GO21	7	67.3	10/22	39	2.5	2,796	1.5	White
DONMARIO SEEDS	DM 69E83S	6.9	65.6	10/21	35	4.2	2,920	1.5	White
Southern Harvest	SH 7024 E3	7.0	65.5	10/19	33	2.7	3,616	2.0	Purple
NC Foundation	N8002	8	64.6	11/01	35	2.8	2,920	1.2	Purple
UGA	G21-245R2X	8	64.5	10/23	33	2.2	2,719	1.5	Purple
Pioneer	P70A62E	7.0	59.8	10/22	39	4.7	3,168	1.5	White
Mixon Seed	AGS 738RR	7.3	59.8	10/19	34	3.8	3,866	2.5	Purple
GSDC	Cook (Public)	8	58.0	10/23	35	3.8	2,854	1.7	Purple
UGA	G18-3311R2	7	49.9	10/27	39	2.5	2,983	2.2	White
Average			66.4	10/24	36	2.9	3,006	1.6	-
LSD at 10% Level			7.8	2	4	0.7	354	0.0	-
Model R-square			0.91	0.98	0.92	0.97	0.99	0.99	-
C.V.			10.5	0.0	8.9	21.0	3.8	0.3	-

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: May 22, 2024.  
Harvested: December 4, 2024.  
Seeding Rate: 110,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 92 lb P<sub>2</sub>O<sub>5</sub>, 279 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant, Classic, and Blazer.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Griffin, Georgia: MG VI

### Soybean Variety Performance, 2024, Irrigated, June-planted

Company or Brand Name	Variety	Maturity	Yield	Maturity <sup>1</sup>	Plant Height	Lodging <sup>2</sup>	Seed Size	Seed Quality <sup>3</sup>	Flower Color
			bu/acre	date	in	rating	no./lb	rating	
Pioneer	P68A41BE	6.8	<b>61.3</b>	11/03	28	3.0	2,985	1.6	White
UGA	G18-3118R2	6	<b>59.8</b>	10/29	31	2.0	2,950	1.9	Purple
Progeny	P 6685XFS	6.6	<b>58.8</b>	10/27	27	1.3	3,110	2.0	Purple
UGA	G19-13615	6	50.4	10/29	29	2.3	2,803	1.4	White
UGA	G18-3051R2	6	50.2	10/26	25	1.7	3,326	1.9	White
Mixon Seed	AGS Virtue V5422	5.4	48.5	10/19	28	1.7	3,449	1.5	Purple
Revere	6927XF	6.9	48.3	10/29	28	2.0	2,795	1.6	Purple
UGA	G19-12361	6	48.0	11/03	30	1.0	3,346	2.0	White
Armor	68-F35	6.8	47.5	10/27	26	1.3	3,108	2.5	Purple
NK Brand	63-U7XF	6.3	46.1	10/24	30	1.7	4,364	2.0	White
Integra	XF6984	6.9	46.0	10/30	25	1.0	3,128	1.9	Purple
Southern Harvest	SH 6524 E3	6.5	45.4	10/28	29	3.0	3,988	1.6	White
USG	7633XF	6.3	45.1	10/28	25	2.7	3,291	1.8	White
Perdue	P60GO21	6	45.0	10/23	26	3.0	3,202	2.1	Purple
DONMARIO SEEDS	DM 59E01S	5.9	44.9	10/22	32	1.3	3,368	3.3	White
Asgrow	AG69XF5	6.9	44.4	10/28	28	2.3	2,942	1.9	Purple
Southern Harvest	SH 6323 E3	6.3	44.0	10/25	33	2.7	3,949	1.8	White
Clemson	SC17-5517	7	43.6	11/01	31	2.0	3,576	1.4	White
Revere	62-F24	6.2	42.8	10/22	27	1.7	3,512	1.8	Purple
NC Foundation	NC Dunphy	6	37.2	10/20	21	2.7	2,713	1.5	Purple
Average			55.8						
Average			47.9	10/27	28	2.0	3,295	1.9	-
LSD at 10% Level			5.5	2	2	0.6	149	0.4	-
Model R-square			0.95	0.97	0.95	0.69	0.97	0.77	-
C.V.			10.3	0.0	6.8	27.8	3.4	17.5	-

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 13, 2024.  
Harvested: December 4, 2024.  
Seeding Rate: 130,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 92 lb P<sub>2</sub>O<sub>5</sub>, 279 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant, Classic, and Blazer.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Griffin, Georgia: MG VII-VIII

### Soybean Variety Performance, 2024, Irrigated, June-planted

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Flower Color
UGA	G21-245R2X	8	<b>57.0</b>	11/01	30	1.7	Purple
UGA	G18-6669HOLNR2	7	<b>54.9</b>	11/05	32	2.5	Purple
UGA	G19-13438	7	<b>53.5</b>	11/04	27	1.3	Purple
Dyna-Gro	S71XF93	7.1	<b>51.7</b>	10/30	29	2.4	Purple
Armor	71-F12	7.1	48.6	10/27	28	1.7	Purple
UGA	G18-3311R2	7	48.4	11/05	34	2.5	White
Pioneer	P70A62E	7.0	48.0	11/03	32	3.8	White
UGA	G21-230R2X	7	47.1	11/06	30	3.0	Purple
NC Foundation	N8002	8	46.8	11/06	29	2.6	Purple
Southern Harvest	SH 7024 E3	7.0	46.3	10/31	28	2.5	Purple
UGA	G18-12063	7.0	44.7	10/27	32	3.3	White
Mixon Seed	AGS 738RR	7.3	44.2	10/29	25	3.2	Purple
Mixon Seed	AGS Woodruff	7.8	41.5	11/07	29	3.5	White
DONMARIO SEEDS	DM 69E83S	6.9	41.2	11/06	29	3.5	White
Perdue	P70GO21	7	40.5	10/29	29	2.2	White
GSDC	Cook (Public)	8	19.6	11/01	29	2.2	Purple
Average			45.9	11/02	29	2.6	-
LSD at 10% Level			6.2	3	2	0.9	-
Model R-square			0.96	0.73	0.94	0.92	-
C.V.			12.0	0.0	7.3	29.8	-

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 13, 2024.  
Harvested: December 4, 2024.  
Seeding Rate: 130,000 seeds per acre in 30" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 92 lb P<sub>2</sub>O<sub>5</sub>, 279 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 33 lb N, 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant, Classic, and Blazer.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

## Plains, Georgia: MG V Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield	Maturity <sup>1</sup>	Plant Height	Lodging <sup>2</sup>	Seed Size	Seed Quality <sup>3</sup>
			bu/acre	date	in	rating	no./lb	rating
Progeny	P 5751XFS	5.7	<b>67.3</b>	.	30	2.0	.	.
Innictis	A5994XF	5.9	<b>65.7</b>	.	31	2.5	.	.
Innictis	A5813XF	5.8	65.0	.	31	1.5	.	.
Revere	5735XFS	5.7	64.4	.	31	1.0	.	.
Integra	XF5834S	5.8	63.6	.	28	2.0	.	.
Dyna-Gro	S58XF24	5.8	63.2	.	29	2.0	.	.
Armor	59-F21	5.9	59.9	.	36	3.5	.	.
Pioneer	P56A71E	5.6	58.2	.	31	2.0	.	.
USG	7633XF	6.3	58.0	.	29	3.0	.	.
DONMARIO SEEDS	DM 53E53	5.3	57.2	.	32	2.5	.	.
DONMARIO SEEDS	DM 59E01S	5.9	56.4	.	33	3.0	.	.
Asgrow	AG52XF5	5.2	54.9	.	28	3.5	.	.
NK Brand	58-B8E3S	5.8	50.9	.	30	3.0	.	.
Revere	53-F84	5.3	50.4	.	24	1.5	.	.
Progeny	P 5056XFS	5.0	50.1	.	30	1.5	.	.
Innictis	A5284XF	5.2	48.9	.	29	1.5	.	.
Asgrow	AG54XF5	5.4	47.5	.	35	2.5	.	.
Asgrow	AG55XF5	5.5	46.3	.	29	2.0	.	.
Asgrow	AG50XF5	5.0	45.6	.	28	1.0	.	.
DONMARIO SEEDS	DM 55F62S	5.5	45.4	.	33	2.5	.	.
Average			55.9	-	30	2.2	-	-
LSD at 10% Level			2.3	-	2	0.9	-	-
Model R-square			0.99	-	0.86	0.71	-	-
C.V.			3.7	-	5.3	32.0	-	-

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 5, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Greenville sandy clay loam.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 220 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 0 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, 60 lb K<sub>2</sub>O/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicide: Valor, Dual, Reflex, and Select.  
Fungicide: None.  
Insecticide: Bifenthrin.  
Irrigation: 8 inches.

Test conducted by D. Dunn, M. Cofield, W. Mosteller, W. Jones, and D. Pearce.

## Plains, Georgia: MG VI Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant	Lodging <sup>2</sup> rating	Seed	Seed
					Height in		Size no./lb	Quality <sup>3</sup> rating
UGA	G18-3051R2	6	<b>68.8</b>	.	28	4.0	.	.
UGA	G18-3118R2	6	<b>68.3</b>	.	35	4.5	.	.
UGA	G19-12361	6	<b>67.2</b>	.	32	3.0	.	.
Asgrow	AG69XF5	6.9	<b>65.3</b>	.	36	3.0	.	.
UGA	G19-13615	6	<b>64.2</b>	.	31	3.5	.	.
NK Brand	63-U7XF	6.3	61.6	.	35	4.5	.	.
Revere	6927XF	6.9	61.2	.	31	2.5	.	.
Progeny	P 6685XFS	6.6	60.3	.	30	1.0	.	.
Pioneer	P68A41BE	6.8	60.0	.	32	3.5	.	.
Armor	68-F35	6.8	59.9	.	28	2.0	.	.
Clemson	SC17-5517	7	59.4	.	30	3.5	.	.
Revere	62-F24	6.2	58.3	.	33	3.0	.	.
Perdue	P60GO21	6	58.1	.	36	4.0	.	.
Integra	XF6984	6.9	57.3	.	29	2.0	.	.
USG	7633XF	6.3	55.3	.	27	2.0	.	.
Southern Harvest	SH 6524 E3	6.5	54.0	.	36	3.5	.	.
Southern Harvest	SH 6323 E3	6.3	52.6	.	34	3.5	.	.
Mixon Seed	AGS Virtue V5422	5.4	50.6	.	34	1.5	.	.
NC Foundation	NC Dunphy	6	50.5	.	25	1.0	.	.
DONMARIO SEEDS	DM 59E01S	5.9	49.4	.	33	1.0	.	.
Average			59.1	-	32	2.8	-	-
LSD at 10% Level			4.9	-	2	0.9	-	-
Model R-square			0.71	-	0.88	0.85	-	-
C.V.			7.8	-	5.5	25.0	-	-

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 5, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Greenville sandy clay loam.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 220 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 0 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, 60 lb K<sub>2</sub>O/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicide: Valor, Dual, Reflex, and Select.  
Fungicide: None.  
Insecticide: Bifenthrin.  
Irrigation: 8 inches.

Test conducted by D. Dunn, M. Cofield, W. Mosteller, W. Jones, and D. Pearce.

## Plains, Georgia: MG VII-VIII Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
UGA	G21-230R2X	7	<b>67.6</b>	.	37	5.0	.	.
Southern Harvest	SH 7024 E3	7	<b>65.5</b>	.	36	3.3	.	.
NC Foundation	N8002	8	<b>65.3</b>	.	36	5.0	.	.
Dyna-Gro	S71XF93	7.1	<b>63.2</b>	.	33	2.5	.	.
UGA	G18-3311R2	7	62.3	.	40	3.9	.	.
UGA	G18-6669HOLNR2	7	61.3	.	35	4.8	.	.
UGA	G19-13438	7	60.8	.	31	3.0	.	.
Pioneer	P70A62E	7	60.8	.	36	5.2	.	.
UGA	G21-245R2X	8	60.4	.	33	3.3	.	.
Armor	71-F12	7.1	59.9	.	35	3.0	.	.
Mixon Seed	AGS 738RR	7.3	59.2	.	32	4.0	.	.
DONMARIO SEEDS	DM 69E83S	6.9	58.0	.	37	5.1	.	.
Mixon Seed	AGS Woodruff	7.8	57.1	.	37	5.1	.	.
Perdue	P70GO21	7	56.1	.	35	5.1	.	.
UGA	G18-12063	7	54.4	.	35	5.1	.	.
GSDC	Cook (Public)	8	52.6	.	36	5.0	.	.
Average			60.3	-	35	4.3	-	-
LSD at 10% Level			5.2	-	-	-	-	-
Model R-square			0.88	-	-	-	-	-
C.V.			7.6	-	-	-	-	-

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 5, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Greenville sandy clay loam.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 220 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 0 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, 60 lb K<sub>2</sub>O/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicide: Valor, Dual, Reflex, and Select.  
Fungicide: None.  
Insecticide: Bifenthrin.  
Irrigation: 8 inches.

Test conducted by D. Dunn, M. Cofield, W. Mosteller, W. Jones, and D. Pearce.

## Plains, Georgia: MG VI

### Soybean Variety Performance, 2024, Irrigated, June-planted

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
UGA	G19-13615	6	<b>67.2</b>	.	29	3.1	.	.
UGA	G18-3118R2	6	<b>65.6</b>	.	29	3.7	.	.
Pioneer	P68A41BE	6.8	<b>63.6</b>	.	27	4.0	.	.
NK Brand	63-U7XF	6.3	<b>63.0</b>	.	30	3.2	.	.
UGA	G19-12361	6	<b>62.4</b>	.	29	2.7	.	.
Armor	68-F35	6.8	61.6	.	26	2.0	.	.
UGA	G18-3051R2	6	60.8	.	27	3.1	.	.
Progeny	P 6685XFS	6.6	59.8	.	26	1.6	.	.
Revere	6927XF	6.9	59.4	.	30	3.9	.	.
Asgrow	AG69XF5	6.9	59.0	.	26	2.8	.	.
Clemson	SC17-5517	7	58.4	.	31	4.1	.	.
Revere	62-F24	6.2	57.2	.	23	3.0	.	.
Perdue	P60GO21	6	56.0	.	25	3.7	.	.
DONMARIO SEEDS	DM 59E01S	5.9	55.6	.	30	2.4	.	.
Southern Harvest	SH 6524 E3	6.5	55.1	.	31	3.5	.	.
USG	7633XF	6.3	54.4	.	24	3.5	.	.
Southern Harvest	SH 6323 E3	6.3	53.4	.	31	3.9	.	.
Mixon Seed	AGS Virtue V5422	5.4	52.4	.	25	2.9	.	.
NC Foundation	NC Dunphy	6	52.4	.	23	2.7	.	.
Integra	XF6984	6.9	51.4	.	23	2.9	.	.
Average			58.4	-	27	3.1	-	-
LSD at 10% Level			5.2	-	5	1.9	-	-
Model R-square			0.90	-	0.99	0.99	-	-
C.V.			8.1	-	6.1	19.7	-	-

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 25, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 130,000 seeds per acre in 36" rows.  
Soil Type: Greenville sandy clay loam.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 220 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 0 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, 60 lb K<sub>2</sub>O/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicide: Valor, Dual, Reflex, and Select.  
Fungicide: None.  
Insecticide: Bifenthrin.  
Irrigation: 8 inches.

Test conducted by D. Dunn, M. Cofield, W. Mosteller, W. Jones, and D. Pearce.

## Plains, Georgia: MG VII-VIII

### Soybean Variety Performance, 2024, Irrigated, June-planted

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
UGA	G18-3311R2	7	<b>65.1</b>	.	35	4.3	.	.
UGA	G21-245R2X	8	<b>64.6</b>	.	27	3.4	.	.
UGA	G21-230R2X	7	<b>64.3</b>	.	32	5.2	.	.
Dyna-Gro	S71XF93	7.1	<b>61.5</b>	.	27	3.3	.	.
Southern Harvest	SH 7024 E3	7	<b>61.1</b>	.	28	1.4	.	.
NC Foundation	N8002	8	<b>60.3</b>	.	32	4.1	.	.
Armor	71-F12	7.1	<b>60.1</b>	.	28	3.5	.	.
Mixon Seed	AGS Woodruff	7.8	<b>59.8</b>	.	32	4.6	.	.
UGA	G19-13438	7	<b>59.3</b>	.	30	3.2	.	.
Pioneer	P70A62E	7	<b>59.2</b>	.	36	4.3	.	.
UGA	G18-12063	7	56.2	.	34	3.2	.	.
DONMARIO SEEDS	DM 69E83S	6.9	56.1	.	28	4.3	.	.
Perdue	P70GO21	7	55.1	.	26	4.9	.	.
UGA	G18-6669HOLNR2	7	51.5	.	31	4.4	.	.
GSDC	Cook (Public)	8	45.9	.	28	5.1	.	.
Mixon Seed	AGS 738RR	7.3	45.3	.	26	3.5	.	.
Average			57.8	-	30	3.9	-	-
LSD at 10% Level			6.3	-	4	-	-	-
Model R-square			0.91	-	0.75	-	-	-
C.V.			9.6	-	8.7	-	-	-

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 25, 2024.  
Harvested: November 13, 2024.  
Seeding Rate: 130,000 seeds per acre in 36" rows.  
Soil Type: Greenville sandy clay loam.  
Soil Test: 37 lb P<sub>2</sub>O<sub>5</sub>, 220 lb K<sub>2</sub>O/acre, and pH = 6.2.  
Preplant Fertilizer: 0 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, 60 lb K<sub>2</sub>O/acre.  
Previous Crop: Corn.  
Tillage: Conventional.  
Herbicide: Valor, Dual, Reflex, and Select.  
Fungicide: None.  
Insecticide: Bifenthrin.  
Irrigation: 8 inches.

Test conducted by D. Dunn, M. Cofield, W. Mosteller, W. Jones, and D. Pearce.

## Tifton, Georgia: MG V Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant	Lodging <sup>2</sup> rating	Seed	Seed
					Height in		Size no./lb	Quality <sup>3</sup> rating
USG	7633XF	6.3	<b>85.4</b>	10/14	30	2.0	3,261	2.8
Revere	53-F84	5.3	<b>83.3</b>	10/05	44	3.7	3,236	2.9
Innvictis	A5994XF	5.9	<b>82.2</b>	10/12	34	1.7	3,027	2.8
Armor	59-F21	5.9	81.9	10/13	39	2.7	2,626	2.8
Asgrow	AG55XF5	5.5	77.4	10/01	31	2.0	2,902	3.0
Integra	XF5834S	5.8	77.0	10/14	29	2.0	2,969	2.1
DONMARIO SEEDS	DM 55F62S	5.5	76.2	09/29	47	3.3	3,115	3.9
Revere	5735XFS	5.7	76.0	10/09	27	1.3	3,044	2.7
Asgrow	AG50XF5	5.0	75.9	09/30	41	3.0	2,993	3.8
Asgrow	AG54XF5	5.4	75.8	10/01	34	2.0	2,881	3.7
Innvictis	A5284XF	5.2	74.4	10/05	41	2.0	2,540	3.7
NK Brand	58-B8E3S	5.8	73.9	10/02	35	2.0	3,525	2.8
DONMARIO SEEDS	DM 59E01S	5.9	73.2	10/04	46	3.3	3,272	4.1
Asgrow	AG52XF5	5.2	72.7	10/11	45	4.3	2,725	3.5
Progeny	P 5751XFS	5.7	72.3	10/14	30	1.0	2,982	2.1
DONMARIO SEEDS	DM 53E53	5.3	72.2	09/29	27	1.7	3,038	3.4
Dyna-Gro	S58XF24	5.8	72.2	10/14	27	1.7	3,025	2.1
Progeny	P 5056XFS	5.0	69.2	09/28	41	4.0	2,679	4.7
Innvictis	A5813XF	5.8	68.9	10/14	26	1.3	3,026	2.2
Pioneer	P56A71E	5.6	68.8	09/29	27	2.0	3,077	3.1
Average			75.4	10/06	35	2.4	2,997	3.1
LSD at 10% Level			3.3	-	3	0.4	NS	NS
Model R-square			0.96	-	0.98	0.91	0.99	0.99
C.V.			4.0	-	7.0	16.1	1.7	8.9

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: May 8, 2024.  
Harvested: October 24, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Tifton loamy sand.  
Previous Crop: Corn.  
Soil Test: 36 lb P<sub>2</sub>O<sub>5</sub>, 119 lb K<sub>2</sub>O, and pH = 6.0.  
Preplant Fertilizer: 70 lb P<sub>2</sub>O<sub>5</sub>, 120 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Warrant, Select, Basagran, and Blazer.  
Irrigation: 9 inches.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

## Tifton, Georgia: MG VI Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
Asgrow	AG69XF5	6.9	<b>83.4</b>	10/19	34	2.7	2,681	1.5
USG	7633XF	6.3	<b>83.1</b>	10/14	30	2.0	3,338	3.3
Integra	XF6984	6.9	<b>80.9</b>	10/18	30	2.0	2,813	2.6
NK Brand	63-U7XF	6.3	<b>80.8</b>	10/17	36	3.0	3,756	2.4
Revere	62-F24	6.2	<b>79.4</b>	10/14	28	2.0	3,310	2.1
UGA	G18-3118R2	6	<b>79.4</b>	10/20	39	2.0	2,867	1.8
Southern Harvest	SH 6323 E3	6.3	77.5	10/14	39	2.7	3,791	2.8
Southern Harvest	SH 6524 E3	6.5	77.5	10/13	40	3.0	3,908	3.5
Revere	6927XF	6.9	76.9	10/12	26	1.0	2,984	2.4
Mixon Seed	AGS Virtue V5422	5.4	74.5	09/28	49	2.7	2,888	4.0
NC Foundation	NC Dunphy	6	74.2	10/07	27	2.0	2,651	2.8
DONMARIO SEEDS	DM 59E01S	5.9	74.2	10/04	48	3.3	3,155	4.4
UGA	G18-3051R2	6	73.3	10/15	26	2.0	3,602	2.4
Pioneer	P68A41BE	6.8	72.9	10/19	31	2.0	2,724	1.9
Perdue	P60GO21	6.0	72.8	10/15	34	2.0	3,436	1.9
Armor	68-F35	6.8	72.7	10/14	31	2.0	4,116	1.8
UGA	G19-12361	6	72.1	10/18	36	2.7	3,202	2.9
Progeny	P 6685XFS	6.6	70.7	10/10	33	1.7	3,281	1.9
Clemson	SC17-5517	7	69.2	10/20	34	2.7	3,421	1.3
UGA	G19-13615	6	68.0	10/13	32	2.0	3,021	1.8
Average			75.7	10/13	34	2.3	3,247	2.5
LSD at 10% Level			5.1	-	2	0.4	572	0.5
Model R-square			0.58	-	0.99	0.74	0.67	0.90
C.V.			6.4	-	6.0	17.9	13.3	15.9

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: May 8, 2024.  
Harvested: October 24, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Tifton loamy sand.  
Previous Crop: Corn.  
Soil Test: 36 lb P<sub>2</sub>O<sub>5</sub>, 119 lb K<sub>2</sub>O, and pH = 6.0.  
Preplant Fertilizer: 70 lb P<sub>2</sub>O<sub>5</sub>, 120 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Warrant, Select, Basagran, and Blazer.  
Irrigation: 9 inches.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

## Tifton, Georgia: MG VII-VIII Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
NC Foundation	N8002	8	<b>87.3</b>	10/22	36	3.9	2,937	1.4
Pioneer	P70A62E	7.0	<b>85.8</b>	10/18	41	3.2	2,923	2.4
UGA	G18-3311R2	7	84.1	10/21	37	2.6	2,589	1.6
UGA	G18-12063	7	82.4	10/12	36	3.3	3,080	1.8
Dyna-Gro	S71XF93	7.1	80.3	10/24	33	2.4	2,634	2.3
DONMARIO SEEDS	DM 69E83S	6.9	78.4	10/19	31	2.7	2,761	2.0
Armor	71-F12	7.1	78.1	10/22	30	2.5	2,586	2.0
UGA	G21-230R2X	7	78.0	10/21	34	2.2	2,819	1.5
GSDC	Cook (Public)	8	75.5	10/22	42	3.5	2,575	2.1
Mixon Seed	AGS 738RR	7.3	75.2	10/13	32	2.0	3,208	2.0
Southern Harvest	SH 7024 E3	7.0	73.3	10/17	34	2.1	3,309	2.9
UGA	G18-6669HOLNR2	7	71.3	10/18	39	3.0	3,045	2.1
Perdue	P70GO21	7	69.8	10/14	33	2.1	2,834	1.8
UGA	G19-13438	7	68.7	10/20	34	2.0	2,829	1.5
UGA	G21-245R2X	8	68.1	10/19	32	2.0	2,567	1.8
Mixon Seed	AGS Woodruff	7.8	67.4	10/18	31	1.9	3,059	2.0
Average			76.5	10/18	35	2.6	2,860	1.9
LSD at 10% Level			3.1	-	3	0.6	96	0.4
Model R-square			0.98	-	0.94	0.93	0.96	0.77
C.V.			3.6	-	7.0	20.1	2.5	15.6

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: May 8, 2024.  
Harvested: October 24, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Tifton loamy sand.  
Previous Crop: Corn.  
Soil Test: 36 lb P<sub>2</sub>O<sub>5</sub>, 119 lb K<sub>2</sub>O, and pH = 6.0.  
Preplant Fertilizer: 70 lb P<sub>2</sub>O<sub>5</sub>, 120 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Warrant, Select, Basagran, and Blazer.  
Irrigation: 9 inches.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

## Attapulcus, Georgia: MG V Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
Armor	59-F21	5.9	<b>76.0</b>	.	36	2.0	.	.
USG	7633XF	6.3	<b>72.8</b>	.	25	1.0	.	.
Revere	53-F84	5.3	<b>72.2</b>	.	42	3.0	.	.
Innvictis	A5994XF	5.9	<b>71.4</b>	.	30	1.0	.	.
Pioneer	P56A71E	5.6	68.2	.	28	2.0	.	.
Asgrow	AG50XF5	5.0	66.8	.	36	3.0	.	.
NK Brand	58-B8E3S	5.8	66.5	.	28	1.0	.	.
Dyna-Gro	S58XF24	5.8	65.5	.	24	1.0	.	.
DONMARIO SEEDS	DM 53E53	5.3	64.0	.	24	1.0	.	.
Asgrow	AG54XF5	5.4	63.5	.	28	1.0	.	.
Innvictis	A5813XF	5.8	63.0	.	22	1.0	.	.
Integra	XF5834S	5.8	62.5	.	24	1.0	.	.
DONMARIO SEEDS	DM 59E01S	5.9	61.8	.	48	4.0	.	.
Asgrow	AG55XF5	5.5	60.1	.	28	1.0	.	.
Asgrow	AG52XF5	5.2	59.7	.	38	3.0	.	.
Revere	5735XFS	5.7	59.3	.	22	1.0	.	.
Progeny	P 5751XFS	5.7	59.1	.	20	1.0	.	.
DONMARIO SEEDS	DM 55F62S	5.5	57.1	.	42	3.0	.	.
Innvictis	A5284XF	5.2	51.7	.	38	2.0	.	.
Progeny	P 5056XFS	5.0	48.0	.	44	3.0	.	.
Average			63.5	-	31	1.8	-	-
LSD at 10% Level			6.0	-	-	-	-	-
Model R-square			0.94	-	-	-	-	-
C.V.			8.5	-	-	-	-	-

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: May 7, 2024.  
Harvested: November 5, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Lucy or Blanton loamy sand.  
Previous Crop:  
Soil Test: 60 lb P<sub>2</sub>O<sub>5</sub>, 345 lb K<sub>2</sub>O, and pH = 6.5.  
Preplant Fertilizer: 18 lb N, 52 lb P<sub>2</sub>O<sub>5</sub>, 105 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Pendimethalin, Reflex and Select.  
Irrigation: 10.5 inches.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, and L. Hitson.

## Attapulugus, Georgia: MG VI Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
Southern Harvest	SH 6323 E3	6.3	<b>73.9</b>	.	30	2.0	.	.
Southern Harvest	SH 6524 E3	6.5	<b>73.1</b>	.	30	2.0	.	.
Asgrow	AG69XF5	6.9	<b>72.4</b>	.	26	1.0	.	.
Progeny	P 6685XFS	6.6	<b>71.9</b>	.	28	1.0	.	.
NK Brand	63-U7XF	6.3	<b>70.0</b>	.	36	2.0	.	.
Revere	62-F24	6.2	68.3	.	24	1.0	.	.
USG	7633XF	6.3	68.0	.	28	1.0	.	.
UGA	G19-12361	6	67.9	.	28	1.0	.	.
Integra	XF6984	6.9	67.3	.	28	1.0	.	.
Armor	68-F35	6.8	67.1	.	24	1.0	.	.
Revere	6927XF	6.9	66.9	.	20	1.0	.	.
UGA	G19-13615	6	66.8	.	26	1.0	.	.
UGA	G18-3118R2	6	66.6	.	30	2.0	.	.
Clemson	SC17-5517	7	66.1	.	30	1.0	.	.
Pioneer	P68A41BE	6.8	65.2	.	28	1.0	.	.
DONMARIO SEEDS	DM 59E01S	5.9	64.3	.	48	3.0	.	.
NC Foundation	NC Dunphy	6	64.1	.	21	1.1	.	.
UGA	G18-3051R2	6	62.8	.	24	1.0	.	.
Mixon Seed	AGS Virtue V5422	5.4	56.6	.	40	2.0	.	.
Perdue	P60GO21	6	53.9	.	20	1.0	.	.
Average			66.7	-	28	1.4	-	-
LSD at 10% Level			5.1	-	-	-	-	-
Model R-square			0.95	-	-	-	-	-
C.V.			6.9	-	-	-	-	-

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: May 7, 2024.  
Harvested: November 5, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Lucy or Blanton loamy sand.  
Previous Crop:  
Soil Test: 60 lb P<sub>2</sub>O<sub>5</sub>, 345 lb K<sub>2</sub>O, and pH = 6.5.  
Preplant Fertilizer: 18 lb N, 52 lb P<sub>2</sub>O<sub>5</sub>, 105 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Pendimethalin, Reflex and Select.  
Irrigation: 10.5 inches.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, and L. Hitson.

## Attapulugus, Georgia: MG VII-VIII Soybean Variety Performance, 2024, Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating
UGA	G21-230R2X	7	<b>77.1</b>	.	26	1.0	.	.
Southern Harvest	SH 7024 E3	7	<b>74.2</b>	.	26	1.0	.	.
Pioneer	P70A62E	7	<b>73.9</b>	.	34	2.0	.	.
Armor	71-F12	7.1	<b>72.9</b>	.	24	1.0	.	.
Dyna-Gro	S71XF93	7.1	70.1	.	26	1.0	.	.
DONMARIO SEEDS	DM 69E83S	6.9	68.6	.	26	1.1	.	.
UGA	G18-3311R2	7	68.4	.	30	1.0	.	.
UGA	G18-12063	7	68.2	.	28	1.0	.	.
GSDC	Cook (Public)	8	66.6	.	32	2.0	.	.
UGA	G21-245R2X	8	66.6	.	28	1.0	.	.
UGA	G18-6669HOLNR2	7	64.4	.	28	1.0	.	.
Mixon Seed	AGS Woodruff	7.8	63.0	.	24	1.0	.	.
UGA	G19-13438	7	62.2	.	22	1.0	.	.
Mixon Seed	AGS 738RR	7.3	61.6	.	22	1.0	.	.
Perdue	P70GO21	7	59.8	.	22	1.0	.	.
NC Foundation	N8002	8	56.9	.	22	1.0	.	.
Average			67.1	-	26	1.1	-	-
LSD at 10% Level			5.8	-	-	-	-	-
Model R-square			0.64	-	-	-	-	-
C.V.			8.1	-	-	-	-	-

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: May 7, 2024.  
Harvested: November 5, 2024.  
Seeding Rate: 110,000 seeds per acre in 36" rows.  
Soil Type: Lucy or Blanton loamy sand.  
Previous Crop:  
Soil Test: 60 lb P<sub>2</sub>O<sub>5</sub>, 345 lb K<sub>2</sub>O, and pH = 6.5.  
Preplant Fertilizer: 18 lb N, 52 lb P<sub>2</sub>O<sub>5</sub>, 105 lb K<sub>2</sub>O/acre.  
Tillage: Conventional.  
Herbicides: Pendimethalin, Reflex and Select.  
Irrigation: 10.5 inches.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, and L. Hitson.

## Griffin, Georgia: Ultra-Late Planted Soybean Variety Performance, 2024 Irrigated

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating	Vigor <sup>4</sup> rating	Attapulugus 2023 bu/acre
Innvictis	A5994XF	5.9	<b>49.8</b>	11/08	23.5	1.0	3,105	1.8	4.0	.
Progeny	P 6685XFS	6.6	<b>47.3</b>	11/01	18.4	1.0	3,080	1.5	4.0	.
DONMARIO SEEDS	DM 69E83S	6.9	<b>46.5</b>	11/03	24.0	3.0	3,269	1.4	4.0	<b>30.5</b>
Pioneer	P68A41BE	6.8	<b>45.6</b>	11/03	21.5	1.0	2,981	1.5	4.0	24.8
USG	7633XF	6.3	<b>45.3</b>	11/11	23.0	1.0	2,957	1.8	3.7	.
Integra	XF4875S	4.8	<b>44.4</b>	10/29	18.9	1.0	2,873	1.6	5.5	.
DONMARIO SEEDS	DM 55F62S	5.5	<b>43.6</b>	11/07	19.5	1.0	3,229	1.5	4.5	.
UGA	G21-230R2X	7	<b>43.5</b>	11/08	20.5	1.5	2,807	1.6	4.0	.
Progeny	P 4947XFS	4.9	<b>43.5</b>	10/31	20.1	1.0	2,823	1.4	4.0	.
Revere	4826XFS	4.8	<b>43.3</b>	11/07	17.0	1.0	2,804	2.1	4.5	.
Dyna-Gro	S71XF93	7.1	42.9	11/05	22.0	1.0	2,796	1.4	5.0	24.7
Innvictis	A5813XF	5.8	42.9	10/31	19.9	1.0	3,051	1.3	4.5	.
Dyna-Gro	S58XF24	5.8	42.5	11/01	17.9	1.0	3,021	1.4	4.0	25.0
Armor	71-F12	7.1	42.5	11/04	22.5	1.0	2,731	1.4	4.0	<b>30.6</b>
Innvictis	A4924XF	4.9	42.2	11/01	15.0	1.0	2,775	2.3	4.7	.
Integra	XF4914S	4.9	42.2	11/06	16.5	1.0	2,753	1.9	5.0	.
DONMARIO SEEDS	DM 59E01S	5.9	41.4	11/09	21.0	1.0	3,114	2.0	4.5	.
USG	7495XFS	4.9	41.2	10/29	19.0	1.0	2,946	1.4	4.0	.
Pioneer	P56A71E	5.6	41.2	11/01	20.0	1.0	3,078	1.5	4.5	23.8
Revere	53-F84	5.3	40.7	11/08	18.0	1.0	3,095	1.9	5.0	.
Integra	XF6984	6.9	39.3	11/13	20.0	1.0	3,050	1.8	4.3	.
Armor	49-F37	4.9	39.0	11/05	18.1	1.0	3,132	2.6	5.5	.
Revere	49-F36	4.9	38.9	11/03	19.5	1.0	2,681	1.8	4.5	.
Armor	59-F21	5.9	38.8	11/11	22.0	1.0	2,762	1.6	5.0	.
Clemson	SC17-5517	7	38.6	11/08	20.0	1.0	3,482	1.5	4.5	.
Asgrow	AG69XF5	6.9	37.9	11/06	20.0	1.0	2,683	1.4	5.5	.
UGA	G21-245R2X	8	37.9	11/07	21.5	1.0	2,896	1.8	4.5	.
Revere	6927XF	6.9	37.6	11/04	18.4	1.0	2,620	1.4	5.5	.
NK Brand	63-U7XF	6.3	36.5	11/06	20.5	1.0	3,550	1.6	5.5	.
NK Brand	58-B8E3S	5.8	36.1	11/01	21.5	1.0	3,359	1.9	5.0	.
Armor	68-F35	6.8	35.8	11/01	18.4	1.0	2,906	2.0	4.3	.
Innvictis	A5284XF	5.2	35.7	11/05	17.5	1.0	2,515	1.5	5.0	.
Revere	62-F24	6.2	35.1	11/03	18.0	1.0	3,213	1.8	6.0	.
DONMARIO SEEDS	DM 48E54	4.8	34.4	10/26	20.1	1.0	3,205	1.8	5.0	.
Asgrow	AG54XF5	5.4	33.3	11/01	19.5	1.0	2,980	1.4	5.5	.
Asgrow	AG48XF5	4.8	32.5	11/03	16.0	1.0	2,626	1.8	5.0	.
Progeny	P 5056XFS	5	32.4	11/09	17.6	1.0	2,571	2.0	5.5	.
DONMARIO SEEDS	DM 53E53	5.3	32.3	11/09	16.6	1.0	3,018	1.5	6.5	.
Revere	48-F72	4.8	32.0	11/01	15.0	1.0	2,815	1.8	5.0	.
Mixon Seed	AGS 738RR	7.3	31.7	11/05	18.1	1.0	3,481	1.6	5.5	.
Progeny	P 4848XF	4.8	31.1	10/28	17.5	1.0	2,807	1.8	4.5	.
Asgrow	AG55XF5	5.5	27.5	11/08	16.0	1.0	2,791	1.5	6.5	.
Asgrow	AG50XF5	5	27.3	10/31	16.5	1.0	2,701	1.5	5.0	.
Progeny	P 4806XFS	4.8	24.7	10/28	16.6	1.0	2,665	2.0	5.5	.
Asgrow	AG52XF5	5.2	23.6	10/27	15.6	1.0	2,872	1.8	5.0	.

## Griffin, Georgia: Ultra-Late Planted Soybean Variety Performance, 2024 Irrigated (Continued)

Company or Brand Name	Variety	Maturity	Yield bu/acre	Maturity <sup>1</sup> date	Plant Height in	Lodging <sup>2</sup> rating	Seed Size no./lb	Seed Quality <sup>3</sup> rating	Vigor <sup>4</sup> rating	Attapulcus 2023 bu/acre
Average			38.3	11/04	19.1	1.1	2,948	1.7	4.8	22.0
LSD at 10% Level			6.8	5	2.2	0.1	144	0.3	0.8	3.2
Model R-square			0.93	-	0.97	-	0.99	0.99	0.98	0.99
C.V.			13.5	0.0	8.7	10.2	3.7	15.1	13.2	11.2

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).
4. Vegetative Plant Vigor: Rated 1 (very good) to 9 (very poor).

Planted: July 18, 2024.  
Harvested: December 2, 2024.  
Seeding Rate: 250,000 seeds per acre in 7" rows.  
Soil Type: Cecil sandy loam.  
Soil Test: 41 lb P<sub>2</sub>O<sub>5</sub>, 289 lb K<sub>2</sub>O/acre, and pH = 6.3.  
Preplant Fertilizer: 66 lb P<sub>2</sub>O<sub>5</sub>, 99 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Tillage: Conventional.  
Herbicides: Warrant, Classic, and Roundup.  
Irrigation:

Test conducted by J. Arrington, G. Ware, B. Byous, J. Gassett, and S.T. Brannon.

Typically, Ultra-Late soybean production follows corn harvested for grain, and due to the length of the remaining growing season is limited to locations in the Coastal Plain. This experiment was designed to evaluate the potential for Ultra-Late soybeans to be planted in the Piedmont following the harvest of spring-planted corn silage. All varieties reached physiological maturity prior to the first killing frost.

The 2023 Attapulcus test yield average refers to that test as a whole, not the specific varieties listed above. Each year we focus on retesting high-yielding varieties while screening new varieties.

## Greenhouse Ratings for Resistance to Three Species of Root-Knot Nematode and Two Soybean Cyst Nematode HG types, 2024

Company or Brand Name	Variety	Root-knot nematode			Soybean cyst nematode	
		Southern <sup>1</sup>	Peanut <sup>2</sup>	Javanese <sup>3</sup>	Race 3 (HG 0-) <sup>4</sup>	Race 2 (HG 1.2-) <sup>5</sup>
Armor	49-F37	5.0	4.8	5.0	1	5
Armor	59-F21	2.5	4.5	4.3	5	5
Armor	68-F35	1.5	2.5	2.0	5	5
Armor	71-F12	1.5	5.0	5.0	5	5
Asgrow	AG47XF5	1.0	1.0	1.3	1	1
Asgrow	AG48XF5	1.0	1.0	1.0	1	1
Asgrow	AG50XF5	1.0	1.0	1.0	1	1
Asgrow	AG52XF5	1.0	1.3	1.0	1	1
Asgrow	AG54XF5	1.0	1.3	1.3	1	1
Asgrow	AG55XF5	1.0	1.3	1.0	1	1
Asgrow	AG69XF5	1.0	2.5	1.0	2	1
Clemson	SC17-5517	1.0	5.0	5.0	5	5
DONMARIO SEEDS	DM 48E54	5.0	1.5	4.0	2	5
DONMARIO SEEDS	DM 53E53	1.0	1.0	1.0	2	5
DONMARIO SEEDS	DM 55F62S	5.0	2.5	3.3	5	5
DONMARIO SEEDS	DM 59E01S	1.3	3.8	1.3	2	1
DONMARIO SEEDS	DM 69E83S	1.0	5.0	4.5	5	5
Dyna-Gro	S58XF24	1.5	1.3	2.0	2	4
Dyna-Gro	S71XF93	1.0	5.0	5.0	5	5
GSDC	Cook (Public)	1.0	4.3	4.8	5	5
Innvictis	A4862XF	5.0	3.0	4.8	2	5
Innvictis	A4814XF	4.8	5.0	5.0	3	5
Innvictis	A4924XF	5.0	2.3	4.8	1	5
Innvictis	A5284XF	5.0	2.0	2.5	2	5
Innvictis	A5813XF	1.0	1.3	1.0	3	5
Innvictis	A5994XF	5.0	4.5	4.3	2	4
Integra	XF4634S	5.0	3.8	3.8	1	5
Integra	XF4875S	4.8	1.3	4.3	1	5
Integra	XF4914S	5.0	1.3	2.3	1	3
Integra	XF5834S	1.0	2.0	1.5	2	5
Integra	XF6984	1.0	5.0	4.8	1	5
Mixon Seed	AGS 738RR	1.0	4.8	4.8	1	3
Mixon Seed	AGS Virtue V5422	5.0	2.3	3.8	5	5
Mixon Seed	AGS Woodruff	1.0	4.8	4.5	1	4
NC Foundation	N8002	4.3	5.0	5.0	5	5
NC Foundation	NC Dunphy	4.5	5.0	5.0	5	5
NK Brand	58-B8E3S	5.0	4.8	5.0	2	5
NK Brand	63-U7XF	1.3	4.3	4.5	2	5
Perdue	P60GO21	1.3	2.5	2.0	5	4
Perdue	P70GO21	3.8	2.0	1.8	1	5
Pioneer	P48A14E	5.0	2.3	3.8	2	5
Pioneer	P56A71E	1.0	3.5	2.8	2	5
Pioneer	P68A41BE	1.5	5.0	4.3	5	5
Pioneer	P70A62E	1.0	4.8	4.8	5	5

Continued on next page

**Greenhouse Ratings for Resistance to Three Species of Root-Knot Nematode and Two Soybean Cyst Nematode HG types, 2024 (Continued)**

Company or Brand Name	Variety	Root-knot nematode			Soybean cyst nematode	
		Southern <sup>1</sup>	Peanut <sup>2</sup>	Javanese <sup>3</sup>	Race 3 (HG 0-) <sup>4</sup>	Race 2 (HG 1.2-) <sup>5</sup>
Progeny	P 4604XFS	5.0	3.5	3.0	1	5
Progeny	P 4623XF	5.0	2.5	4.5	1	5
Progeny	P 4691XFS	5.0	4.8	4.3	2	5
Progeny	P 4798XF	5.0	5.0	5.0	2	5
Progeny	P 4806XFS	4.5	5.0	5.0	2	5
Progeny	P 4848XF	5.0	2.5	4.0	2	5
Progeny	P 4947XFS	5.0	1.0	3.3	1	5
Progeny	P 5056XFS	5.0	1.0	1.3	1	5
Progeny	P 5751XFS	1.0	2.8	1.3	3	5
Progeny	P 6685XFS	1.0	3.8	2.3	5	5
Revere	48-F72	4.5	4.8	5.0	2	5
Revere	4826XFS	5.0	3.8	4.3	1	5
Revere	49-F36	5.0	1.5	3.3	1	5
Revere	53-F84	4.3	1.8	4.5	2	5
Revere	5735XFS	1.3	2.3	1.0	3	5
Revere	62-F24	1.0	4.5	4.5	3	5
Revere	6927XF	1.0	4.8	5.0	5	5
Southern Harvest	SH 7024 E3	3.5	4.8	4.8	2	5
Southern Harvest	SH 6323 E3	3.3	4.8	5.0	2	4
Southern Harvest	SH 6524 E3	1.8	4.5	4.8	2	5
UGA	G19-13615	1.0	2.0	1.5	1	5
UGA	G19-12361	1.0	3.8	3.0	5	5
UGA	G18-3118R2	1.0	3.0	2.8	1	3
UGA	G18-3051R2	1.5	5.0	4.8	1	5
UGA	G21-230R2X	1.0	1.5	2.5	2	5
UGA	G19-13438	2.3	4.3	4.3	5	2
UGA	G18-6669HOLNR2	1.8	4.5	4.5	1	5
UGA	G18-3311R2	1.0	1.5	1.5	1	5
UGA	G18-12063	3.7	4.8	4.5	5	5
UGA	G21-245R2X	1.3	2.0	3.5	2	5
USG	7495XFS	5.0	3.0	2.8	1	5
USG	7633XF	5.0	4.0	3.8	3	5

<sup>1</sup>*Meloidogyne incognita*; Gall index (GI) was calculated (mean percentage of galls on test line/mean percentage of galls on the susceptible check x 100). Rating scale of 1-5. 1 = <10% GI; 2=11-20%, 3=21-30%, 4=31-40%, 5 = >40% GI.

<sup>2</sup>*Meloidogyne arenaria*; Gall index (GI) was calculated (mean percentage of galls on test line/mean percentage of galls on the susceptible check x 100). Rating scale of 1-5. 1 = <10% GI; 2=11-20%, 3=21-30%, 4=31-40%, 5 = >40% GI.

<sup>3</sup>*Meloidogyne javanica*; Gall index (GI) was calculated (mean percentage of galls on test line/mean percentage of galls on the susceptible check x 100). Rating scale of 1-5. 1 = <10% GI; 2=11-20%, 3=21-30%, 4=31-40%, 5 = >40% GI.

<sup>4</sup>*Heterodera glycines* HG type 0 (Race 3); Female index (FI) was calculated (mean number of females on indicator or test line/mean number of females on susceptible check x 100). Female indices on the Race/HG type test indicator lines were: Pickett=4% (-), Peking=2% (-), PI 88788=3% (-), PI 90763=0% (-), PI 437654=0% (-); Rating scale of 1-5. 1 = <10% FI; 2=11-20%, 3=21-30%, 4=31-40%, 5 = >40% FI.

<sup>5</sup>*Heterodera glycines* HG type 1.2.- (Race 2); Female index (FI) was calculated (mean number of females on indicator or test line/mean number of females on susceptible check x 100). Female indices on the Race/HG type test indicator lines were: Pickett=63% (+), Peking=14% (+), PI 88788=70% (+), PI 90763=0% (-), PI 437654=0% (-); Rating scale of 1-5. 1 = <10% FI; 2=11-20%, 3=21-30%, 4=31-40%, 5 = >40% FI.

**Ratings provided by D. Kemp, M.G. Mitchum, and Z. Li**

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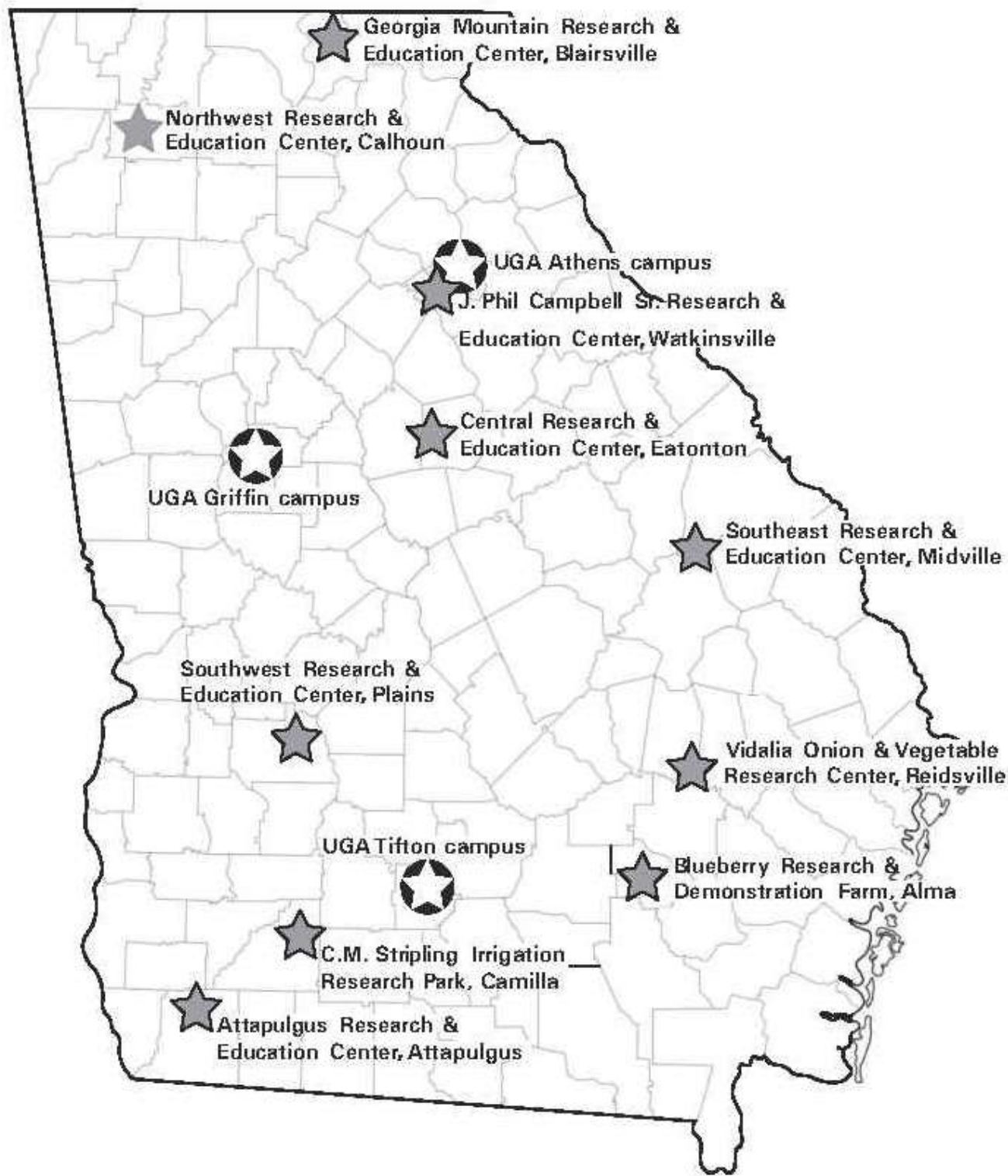
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