

PEANUT

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Spanish Types</u>								
GA 082554 ¹	09/29	5520	74.5	3.5	1.0	.	931	.
GA 082550 ¹	09/29	5282	73.5	4.0	1.0	.	952	.
GA 082549 ¹	09/29	5178	76.5	2.0	0.5	.	831	.
GA 082552 ¹	09/29	4960	73.5	4.5	0.0	.	980	.
GA 082548 ¹	09/29	4825	74.0	3.0	1.0	.	967	.
GA 082553 ¹	09/29	4735	76.0	2.0	0.5	.	990	.
GA 082551 ¹	09/29	4692	76.0	3.0	0.5	.	893	.
Georgia Browne	09/03	3811	69.5	6.0	0.0	.	1026	.
Georgia-04S	09/03	3633	70.0	6.0	0.0	.	1057	.
Tamnut OL06	08/16	2933	62.0	5.5	0.0	.	995	.
Tamspan 90	08/16	2662	65.0	6.5	0.0	.	1057	.
Pronto	08/16	2460	69.5	5.0	0.0	.	993	.
OLin	08/16	2098	65.5	6.0	0.5	.	1128	.
Spanco	08/16	2018	64.5	7.0	1.0	.	1080	.
Average	09/10	3915 ²	70.7	4.6	0.4	.	991	.
LSD at 10% Level		410	2.8	1.4	0.8		50	
Std. Err. of Entry Mean		175	1.1	0.6	0.3		20	
<u>Valencia Types</u>								
Georgia Valencia	08/16	2729	58.0	4.5	2.0	.	755	.
Valencia McRan	08/16	2048	59.5	8.0	1.0	.	1111	.
Georgia Red	08/16	2033	62.0	6.5	0.0	.	984	.
N.M. Valencia C	08/16	1991	61.0	8.0	1.0	.	1074	.
H & W Valencia 136	08/16	1951	60.5	7.0	1.5	.	1072	.
N.M. Valencia A	08/16	1638	59.0	8.5	1.5	.	1106	.
Average	08/16	2065 ²	60.0	7.1	1.2	.	1017	.
LSD at 10% Level		410	2.8	1.4	0.8		50	
Std. Err. of Entry Mean		175	1.1	0.6	0.3		20	

1. Advanced Georgia breeding line.
2. CV = 12.7% and df for EMS = 95.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 13, 2010.
 Seeding Rate: 6 seed/row foot in 36" rows.
 Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.
 Soil Test: P = Very High, K = High, and pH = 6.4.
 Soil Type: Tift loamy sand.
 Previous Crop: Cotton.
 Management: Disked, moldboard plowed and rototilled; Sonalan, Basagran, Ultra Blazer and Select used for weed control; Folicur, Provost and Chlorothalonil used for disease control; 800 lb/acre gypsum; irrigated 12 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
GA 072531 ¹	09/29	6454	72.0	3.0	0.5	.	700	.
GA 072515 ¹	09/10	5930	72.5	4.5	1.0	.	701	.
Exp. 27-1516 ²	09/10	5827	72.5	3.5	0.0	.	663	.
Georgia-06G	09/10	5746	73.5	4.0	0.0	.	629	.
Florida-07	09/29	5662	72.5	3.0	1.0	.	605	.
C724-19-25 ²	09/10	5447	71.0	4.0	0.5	.	597	.
GA 072523 ¹	09/10	5437	73.0	3.5	0.5	.	679	.
Georgia-09B	09/10	5373	74.5	4.0	0.0	.	718	.
Georgia-10T	09/29	5343	76.0	3.5	1.5	.	735	.
Georgia Greener	09/10	5331	74.0	4.0	0.5	.	712	.
Georgia-03L	09/10	5288	67.0	6.0	0.0	.	654	.
FloRun™ '107'	09/29	5150	71.0	5.0	2.0	.	726	.
Georgia Green	09/10	5122	71.0	5.0	0.5	.	815	.
Georgia-07W	09/29	5115	74.0	3.5	1.5	.	633	.
McCloud	09/10	5110	71.0	4.0	0.0	.	652	.
GA 072514 ¹	09/10	5072	76.0	4.5	0.0	.	708	.
GA 072716 ¹	09/29	4943	73.5	3.5	0.5	.	803	.
AT-215	09/03	4939	71.0	4.5	0.5	.	646	.
Tifguard	09/10	4737	72.5	4.0	0.0	.	629	.
AP-4	09/10	4620	71.0	5.0	0.5	.	656	.
Georgia-02C	09/29	4439	70.5	4.5	3.0	.	798	.
Average	09/16	5290 ³	72.4	4.1	0.7	.	688	.
LSD at 10% Level		615	2.9	1.3	1.3		40	
Std. Err. of Entry Mean		262	1.2	0.5	0.6		16	
<u>Virginia Types</u>								
Georgia-08V	09/10	5631	75.5	2.0	0.5	51.0	510	87.5
CHAMPS	09/03	5281	66.5	3.0	1.5	43.0	489	86.5
Bailey	09/03	5189	68.0	2.5	0.0	42.5	536	83.0
Gregory	09/03	5110	60.5	3.5	2.5	40.0	545	88.0
GA 052533 ¹	09/29	5089	65.5	2.5	2.0	49.0	479	83.5
Titan	09/10	5086	63.0	2.5	1.0	47.0	477	86.5
Sugg	09/03	4692	67.0	3.0	0.0	50.0	474	90.5
Florida Fancy	09/10	4558	66.5	2.5	0.5	43.0	527	83.5
Perry	09/03	4556	68.0	3.0	1.0	45.5	503	81.0
Average	09/08	5021 ³	66.7	2.7	1.0	45.7	504	85.6
LSD at 10% Level		615	2.9	1.3	1.3	2.0	40	4.3
Std. Err. of Entry Mean		262	1.2	0.5	0.6	0.8	16	1.6

Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2010, Irrigated (Continued)

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 12.4% and df for EMS = 145.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 13, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Soil Test: P = Very High, K = High, and pH = 6.4.

Soil Type: Tift loamy sand.

Previous Crop: Cotton.

Management: Disked, moldboard plowed and rototilled; Sonalan, Basagran, Ultra Blazer and Select used for weed control; Folicur, Provost and Chlorothalonil used for disease control; 800 lb/acre gypsum; irrigated 12 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
GA 072531 ¹	09/29	5495	70.5 ¹	4.0	0.5	.	778	.
GA 072523 ¹	09/29	4606	71.5	4.5	1.0	.	787	.
Exp. 27-1516 ²	09/29	4291	69.0	6.0	1.0	.	710	.
GA 072514 ¹	09/29	4248	73.0	5.5	0.5	.	858	.
Georgia-10T	09/29	4056	77.0	2.5	0.5	.	802	.
Georgia-07W	09/29	4024	74.5	3.0	1.0	.	670	.
GA 072716 ¹	09/29	4001	69.5	6.5	1.5	.	923	.
Georgia-03L	09/29	3934	69.0	4.5	0.0	.	810	.
Georgia-06G	09/29	3926	73.5	4.5	0.0	.	686	.
Tifguard	09/29	3845	68.0	5.5	0.5	.	699	.
McCloud	09/29	3834	65.5	7.0	2.5	.	713	.
GA 072515 ¹	09/29	3784	71.5	6.0	1.5	.	769	.
Georgia-02C	09/29	3679	71.0	5.0	1.5	.	909	.
Florida-07	09/29	3581	68.5	4.5	2.0	.	717	.
AT-215	09/03	3479	68.5	6.0	0.0	.	687	.
FloRun™ '107'	09/29	3348	68.5	5.0	2.0	.	846	.
C724-19-25 ²	09/29	3253	70.0	4.5	1.0	.	658	.
Georgia-09B	09/29	3177	70.5	5.0	1.5	.	781	.
AP-4	09/29	3126	68.0	5.5	0.5	.	703	.
Georgia Greener	09/29	3101	71.0	6.0	0.5	.	757	.
Georgia Green	09/29	2864	70.5	6.0	0.5	.	846	.
Average	09/28	3793 ³	70.4	5.1	1.0	.	767	.
LSD at 10% Level		568	3.2	2.0	N.S. ⁴		60	
Std. Err. of Entry Mean		651	1.4	0.8	0.6		25	
<u>Virginia Types</u>								
Bailey	09/03	4565	68.5	2.5	0.0	40.0	525	84.5
GA 052533 ¹	09/29	4505	66.5	3.0	2.0	47.5	504	80.0
Sugg	09/03	4156	65.0	3.5	1.0	45.0	501	87.0
Gregory	09/03	4094	63.0	3.0	1.5	45.5	523	88.0
CHAMPS	09/03	4043	67.0	3.0	0.5	40.5	484	80.5
Perry	09/03	3707	68.0	3.0	0.5	41.0	522	81.5
Georgia-08V	09/29	3616	68.0	1.5	1.5	47.0	466	81.5
Florida Fancy	09/29	3293	64.0	4.0	1.0	42.0	555	80.0
Titan	09/29	2957	62.5	3.0	1.5	42.0	464	87.5
Average	09/15	3882 ³	65.8	2.9	1.1	43.4	505	83.4
LSD at 10% Level		568	3.2	2.0	N.S.	3.2	61	5.0
Std. Err. of Entry Mean		651	1.4	0.8	0.6	1.3	25	1.9

Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2010, Nonirrigated (Continued)

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 15.6% and df for EMS = 145.
4. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 13, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Soil Test: P = High, K = High, and pH = 5.8.

Soil Type: Tift loamy sand.

Previous Crop: Corn.

Management: Disked, moldboard plowed and rototille; Sonalan, Basagran, Ultra Blazer and Select used for weed control; Folicur, Provost and Chlorothalonil used for disease control; 1600 lb/acre gypsum.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Exp. 27-1516 ²	10/01	4641	72.0	2.5	1.0	.	665	.
Georgia-06G	10/01	4594	73.0	2.5	0.5	.	666	.
GA 072515 ¹	10/01	4589	74.5	2.5	1.5	.	733	.
Georgia Greener	10/01	4517	74.5	2.0	0.5	.	675	.
GA 072523 ¹	10/01	4492	73.0	2.5	1.0	.	734	.
Georgia-03L	10/01	4488	71.5	3.0	0.5	.	669	.
GA 072716 ¹	10/08	4443	71.0	5.0	0.0	.	839	.
Georgia-09B	10/01	4427	71.0	2.5	0.5	.	724	.
Georgia Green	10/01	4415	74.0	2.5	0.5	.	764	.
GA 072531 ¹	10/08	4391	67.5	5.0	0.5	.	759	.
Tifguard	10/01	4388	72.0	3.0	0.0	.	632	.
Georgia-02C	10/08	4305	69.5	4.5	0.0	.	747	.
McCloud	10/01	4284	69.5	3.0	1.5	.	634	.
GA 072514 ¹	10/01	4220	76.5	2.5	1.0	.	731	.
FloRun™ '107'	10/08	4204	70.5	5.0	0.0	.	740	.
AP-4	10/01	4177	72.5	2.5	0.5	.	665	.
Florida-07	10/08	4161	70.5	4.0	1.0	.	627	.
C724-19-25 ²	10/01	4122	71.0	4.5	0.5	.	600	.
Georgia-07W	10/08	4076	74.0	2.0	0.0	.	652	.
Georgia-10T	10/08	4076	72.5	4.5	0.0	.	707	.
AT-215	09/17	3776	70.0	4.0	1.0	.	626	.
Average	10/03	4323 ³	71.9	3.3	0.6	.	695	.
LSD at 10% Level		603	3.2	1.9	1.6		66	
Std. Err. of Entry Mean		258	1.4	0.8	0.7		16	
<u>Virginia Types</u>								
Georgia-08V	10/01	5192	71.5	1.0	2.0	59.5	457	89.0
Florida Fancy	10/01	4941	64.0	2.0	3.5	41.0	571	79.0
GA 052533 ¹	10/08	4617	70.5	2.0	0.5	48.0	527	66.0
Bailey	09/17	4571	66.0	3.5	0.5	37.0	522	89.0
CHAMPS	09/17	4265	66.5	2.0	1.5	40.0	495	90.0
Gregory	09/17	4106	65.5	1.5	1.5	51.5	504	91.5
Sugg	09/17	3636	65.0	3.0	2.0	41.5	524	85.5
Titan	10/01	3556	57.5	2.5	4.0	41.0	473	87.5
Perry	09/17	3437	69.0	1.0	2.5	47.0	516	87.5
Average	09/24	4258 ³	66.2	2.1	2.0	45.2	510	85.0
LSD at 10% Level		603	3.2	1.9	1.6	6.6	66	6.7
Std. Err. of Entry Mean		258	1.4	0.8	0.7	2.8	16	2.6

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2010, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 14.7% and df for EMS = 145.

Planted: May 14, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅ and 0 lb K₂O/acre.

Soil Test: P = Medium, K = Very High, and pH = 5.8.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Disked, moldboard plowed and rototilled; Sonolan, Dual Magnum and Strongarm used for weed control; Lorsban, Lannate and Tracer used for insect control; Bravo and Provost used for disease control; irrigated 9 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Nonirrigated

Variety	Digging Date	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
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Peanut varieties were planted at this location on May 14, 2010 in a nonirrigated test. However, extensive damage from lack of rainfall, high temperatures and droughty growing conditions, especially during August, September and October, caused very low yields and considerable variation in performance among varieties within the test. After careful analysis and review of the data, it is the opinion of the editors that the results of this trial may not accurately reflect the performance potential of all test entries. Since this data could be misleading if used in making decisions concerning variety selection, we have chosen not to present the results in this publication.

1. Advanced Georgia breeding line.

2. Advanced USDA breeding line.

Planted: May 14, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅ and 0 lb K₂O/acre.

Soil Test: P = Medium, K = Very High, and pH = 5.8.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Disked, moldboard plowed and rototilled; Sonolan, Dual Magnum and Strongarm used for weed control; Lorsban, Lannate and Tracer used for insect control; Bravo and Provost used for disease control.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Georgia-10T	10/08	6388	76.0	2.5	1.0	.	677	.
Georgia-09B	10/08	6251	71.5	4.0	1.5	.	715	.
GA 072515 ¹	10/08	6251	74.0	4.5	1.0	.	734	.
GA 072716 ¹	10/08	6216	71.0	5.0	0.5	.	797	.
GA 072523 ¹	10/08	6196	74.5	4.5	0.5	.	686	.
GA 072531 ¹	10/08	6167	70.0	4.5	0.5	.	721	.
Georgia-07W	10/08	6165	72.0	4.5	1.0	.	695	.
McCloud	10/08	6159	71.5	4.0	1.0	.	654	.
Georgia Greener	10/08	6044	74.5	3.0	1.0	.	701	.
Florida-07	10/08	6038	69.5	4.5	1.5	.	658	.
Georgia-06G	10/08	6001	74.0	3.5	1.0	.	627	.
FloRun™ '107'	10/08	5911	69.0	6.5	0.5	.	754	.
C724-19-25 ²	10/08	5801	70.0	4.0	0.5	.	667	.
GA 072514 ¹	10/08	5689	75.5	4.0	0.5	.	743	.
Georgia-03L	10/08	5576	69.0	4.5	1.0	.	711	.
Exp. 27-1516 ²	10/08	5512	72.5	4.0	0.5	.	654	.
Georgia-02C	10/08	5323	71.0	5.0	0.0	.	769	.
Tifguard	10/08	5227	71.0	4.0	0.5	.	667	.
AP-4	10/08	5190	70.5	5.5	1.0	.	693	.
Georgia Green	10/08	5039	69.0	6.0	1.5	.	752	.
AT-215	09/17	4705	71.0	5.0	1.0	.	668	.
Average	10/07	5802 ³	71.8	4.4	0.8	.	702	.
LSD at 10% Level		512	3.0	1.6	1.4		58	
Std. Err. Of Entry Mean		219	1.2	0.7	0.6		24	
<u>Virginia Types</u>								
Georgia-08V	10/08	6808	69.5	2.5	4.0	46.5	490	76.5
GA 052533 ¹	10/08	6492	69.5	2.0	1.5	48.5	508	67.5
Florida Fancy	10/08	5603	68.0	3.0	2.0	39.5	608	69.0
Bailey	09/17	5565	69.0	2.0	1.0	43.0	540	85.0
CHAMPS	09/17	5058	67.0	3.5	1.0	44.5	512	84.0
Titan	10/08	5041	64.5	3.0	1.5	45.0	509	81.0
Sugg	09/17	4981	68.0	2.0	3.0	48.0	488	87.0
Perry	09/17	4887	66.5	3.5	1.5	42.5	473	82.0
Gregory	09/17	3568	66.0	3.0	1.0	42.0	512	80
Average	09/26	5334 ³	67.6	2.7	1.8	44.4	515	79.1
LSD at 10% Level		512	3.0	1.6	1.4	1.4	58	4.3
Std. Err. Of Entry Mean		219	1.2	0.7	0.6	0.6	24	1.6

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2010, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 9.4% and df for EMS = 145.

Planted: May 18, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Soil Test: P = Very High, K = High, and pH = 6.4.

Soil Type: Tift loamy sand

Previous Crop: Corn.

Management: Disked, moldboard plowed and rototilled; Acumen, Dual Magnum, Valor, Gramoxone, Storm, Butyrac and Basagran used for weed control; Intrepid used for insect control; Chlorothalonil, Bravo, Folicur and Topsin used for disease control; 1000 lb/acre gypsum; irrigated 6 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and A. Black.

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2010, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Georgia-09B	09/17	5273	70.0	5.0	0.5	.	715	.
Exp. 27-1516 ²	09/17	4716	70.0	5.0	0.0	.	685	.
GA 072531 ¹	09/17	4716	69.0	5.0	0.0	.	789	.
Georgia-06G	09/17	4666	72.5	4.0	0.5	.	666	.
AT-215	09/17	4662	71.5	3.0	1.5	.	645	.
FloRun™ '107'	09/17	4626	71.0	6.0	0.0	.	766	.
Georgia Green	09/17	4594	69.5	5.0	1.0	.	778	.
Georgia Greener	09/17	4555	73.0	4.5	0.5	.	690	.
GA 072716 ¹	09/17	4553	72.0	5.0	0.0	.	811	.
Florida-07	09/17	4520	70.0	5.0	0.0	.	646	.
Georgia-07W	09/17	4498	73.0	4.5	0.0	.	713	.
Georgia-03L	09/17	4485	69.5	4.0	1.5	.	712	.
AP-4	09/17	4458	71.0	5.0	0.5	.	711	.
McCloud	09/17	4411	70.5	6.0	0.5	.	731	.
GA 072514 ¹	09/17	4322	74.0	4.5	0.0	.	755	.
GA 072523 ¹	09/17	4285	72.0	5.5	0.5	.	739	.
Georgia-02C	09/17	4210	70.5	6.0	0.0	.	787	.
GA 072515 ¹	09/17	4177	73.5	5.0	0.0	.	739	.
Tifguard	09/17	4079	73.0	3.5	0.0	.	675	.
C724-19-25 ²	09/17	3876	70.5	5.5	0.0	.	691	.
Georgia-10T	09/17	3528	67.5	7.0	0.0	.	732	.
Average	09/17	4438 ³	71.1	5	0.3	.	722	.
LSD at 10% Level		535	3.7	1.9	1.7		87	
Std. Err. Of Entry Mean		229	1.5	0.8	0.7		36	
<u>Virginia Types</u>								
Gregory	09/17	5042	66.5	2.0	3.5	41.0	499	78.0
Titan	09/17	4930	66.0	2.5	0.5	40.0	594	76.0
Georgia-08V	09/17	4814	71.0	2.0	1.5	46.5	597	77.0
Florida Fancy	09/17	4476	67.0	3.0	4.0	36.5	582	65.5
GA 052533 ¹	09/17	4308	66.5	4.0	0.0	37.5	543	51.0
CHAMPS	09/17	4264	70.0	2.0	1.0	45.5	465	82.0
Sugg	09/17	4191	71.0	4.5	0.5	49.0	591	55
Perry	09/17	4052	69.5	2.0	0.0	40.0	532	77.5
Bailey	09/17	4038	70.5	4.0	1.5	48.0	607	56.5
Average	09/17	4457 ³	68.7	2.9	1.4	42.7	556	68.7
LSD at 10% Level		535	3.7	1.9	1.7	4.5	87	N.S. ⁴
Std. Err. Of Entry Mean		229	1.5	0.8	0.7	1.4	36	13.5

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2010, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 12.6% and df for EMS = 145.
4. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Planted: May 19, 2010.

Seeding Rate: 6 seed/row foot in 36" rows.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Soil Test: P = High, K = Very High, and pH = 6.4.

Soil Type: Tift loamy sand

Previous Crop: Cotton.

Management: Disked, moldboard plowed and rototilled; Acumen, Dual Magnum, Valor, Gramoxone, Storm and Butyrac used for weed control; Intrepid used for insect control; Chlorothalonil, Bravo, Folicur and Topsin used for disease control; 1000 lb/acre gypsum.

Test conducted by A. Coy, R. Brooke, D. Dunn and A. Black.