

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Spanish Types</u>								
GA 042634-6-5 ¹	09/29	4972	74.5	5.0	1.0	.	1105	.
GA 042634-11-11 ¹	09/29	4679	76.0	4.0	0.0	.	1085	.
GA 042634-11-5 ¹	09/29	4636	76.5	3.5	0.5	.	1087	.
GA 042634-6 ¹	09/29	4629	75.0	5.0	0.0	.	1040	.
GA 042634-6-4 ¹	09/29	4570	74.0	6.5	0.0	.	1066	.
GA 042634-11 ¹	09/29	4364	75.0	5.0	0.0	.	1054	.
GA 042634-11-7 ¹	09/29	4257	76.0	4.0	0.0	.	1032	.
Georgia Browne	09/21	4001	69.0	5.5	0.0	.	1029	.
Tamspan 90	09/04	3318	66.0	6.5	0.0	.	1008	.
Georgia-04S	09/21	3295	67.0	6.5	0.5	.	1021	.
Tamnut OL06	09/04	3238	62.5	5.0	0.5	.	908	.
OLin	09/04	2551	67.5	4.0	1.0	.	1037	.
Pronto	08/20	1859	68.0	5.5	0.5	.	971	.
Spanco	08/20	1828	65.5	6.0	1.0	.	1052	.
Average	09/17	3728 ²	70.9	5.1	0.4	.	1035	.
LSD at 10% Level		377	2.0	1.4	1.0		106	
Std. Err. Of Entry Mean		160	0.8	0.6	0.4		43	
<u>Valencia Types</u>								
Georgia Valencia	09/04	3049	59.0	5.0	1.0	.	699	.
Georgia Red	09/04	2475	66.0	4.0	1.0	.	815	.
Valencia McRan	08/20	1615	60.0	7.0	1.0	.	1053	.
N.M. Valencia C	08/20	1520	61.5	6.0	2.0	.	1082	.
H & W Valencia 136	08/20	1492	62.0	5.5	2.0	.	1071	.
N.M. Valencia A	08/20	1266	59.5	9.0	1.0	.	1150	.
Average	08/25	1903 ²	61.3	6.1	1.3	.	978	.
LSD at 10% Level		377	2.0	1.4	1.0		106	
Std. Err. Of Entry Mean		160	0.8	0.6	0.4		43	

1. Advanced Georgia breeding line.
2. CV = 12.3% and df for EMS = 95.

Planted: May 14, 2009.

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: Tifton loamy sand.

Previous Crop: Cotton.

Management: Disked, moldboard plowed, and rototilled; Sonalan, Storm, and Select used for weed control; Provost, Folicur and Chlorothilaniil used for disease control; Temik used for insect control; 1600 lb/acre gypsum; irrigated 5 inches.

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

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Florida-07	09/29	5895	71.5	3.5	0.5	.	659	.
Georgia-06G	09/21	5671	72.5	4.5	1.0	.	645	.
Georgia-07W	09/21	5607	71.0	5.0	0.0	.	639	.
Tifguard	09/21	5464	69.5	5.5	0.0	.	638	.
GA 052524 ¹	10/09	5433	80.5	2.5	0.0	.	688	.
GA 052529 ¹	10/09	5402	79.0	2.5	1.0	.	672	.
McCloud	09/21	5169	71.5	4.0	1.0	.	637	.
C724-19-25	09/21	5155	70.5	4.5	0.5	.	589	.
Georgia Greener	09/21	5098	71.0	5.5	1.5	.	701	.
Georgia-09B	09/21	5058	71.5	4.0	1.5	.	746	.
AT-3085RO	09/21	5031	68.0	5.0	0.5	.	674	.
GA 042634-11 ^{1,3}	09/29	5012	71.5	7.5	0.0	.	1121	.
AP-3	09/21	4840	66.0	5.5	0.5	.	754	.
York	10/09	4734	73.0	3.5	0.5	.	796	.
GA 042634-6 ^{1,3}	09/29	4728	72.0	7.5	0.0	.	1111	.
AP-4	09/21	4726	70.0	5.5	0.5	.	666	.
Georgia-02C	09/29	4570	74.5	5.0	0.0	.	805	.
Georgia-03L	09/21	4542	67.5	4.5	0.0	.	597	.
CRSP 963-6 ²	10/09	4447	74.5	3.0	1.0	.	701	.
Georgia Green	09/21	4408	70.5	6.5	0.5	.	784	.
C-99R	10/09	4283	74.0	2.5	1.5	.	601	.
GA 052675 ¹	09/29	4193	73.5	5.0	0.0	.	809	.
AT-215	09/14	3889	71.5	4.0	0.5	.	669	.
GA 052621 ¹	09/14	3568	71.5	5.0	0.0	.	768	.
GA 052619 ¹	09/14	3566	69.0	6.0	0.0	.	859	.
Average	09/25	4820 ⁴	71.8	4.7	0.5	.	733	.
LSD at 10% Level		418	3.0	1.4	0.8		81	
Std. Err. Of Entry Mean		178	1.2	0.6	0.3		34	
<u>Virginia Types</u>								
Georgia-08V	09/21	5496	71.0	1.5	1.0	51.5	486	88.0
Florida Fancy	09/21	4870	66.5	3.0	1.0	40.0	522	81.0
Bailey	09/21	4685	63.5	4.0	1.5	34.5	606	73.5
GA 052533 ¹	09/29	4672	66.5	2.5	1.5	48.0	470	79.0
CRSP 895 ²	10/09	4598	70.0	3.0	1.5	43.0	744	28.5
CHAMPS	09/14	4530	64.5	3.5	1.5	38.5	488	80.0
Perry	09/14	3921	63.0	4.5	2.0	37.0	520	73.5
Gregory	09/14	3796	60.5	3.0	2.5	39.5	502	89.0
Average	09/22	4571 ⁴	65.7	3.1	1.6	41.5	542	74.1
LSD at 10% Level		418	3.0	1.4	0.8	2.5	81	2.4
Std. Err. Of Entry Mean		178	1.2	0.6	0.3	1.1	34	1.0

Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Irrigated (Continued)

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 9.2% and df for EMS = 160.

Planted: May 14, 2009.

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: Tifton loamy sand.

Previous Crop: Cotton.

Management: Disked, moldboard plowed, and rototilled; Sonalan, Storm, and Select used for weed control; Provost, Folicur and Chlorothilanil used for disease control; Temik used for insect control; 1600 lb/acre gypsum; irrigated 5 inches.

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

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
C724-19-25	09/29	4867	69.5	4.0	4.0	.	643	.
Georgia-07W	09/29	4778	74.5	4.0	1.0	.	657	.
York	10/19	4707	72.5	2.5	1.5	.	788	.
GA 042634-11 ^{1,3}	10/09	4665	78.0	2.5	1.0	.	1014	.
GA 052621 ¹	09/21	4640	70.0	6.5	0.5	.	773	.
GA 052529 ¹	10/19	4633	78.5	3.0	2.0	.	682	.
GA 052675 ¹	10/09	4624	75.5	3.5	4.0	.	736	.
Georgia-02C	10/09	4569	78.0	3.0	1.0	.	759	.
GA 042634-6 ^{1,3}	10/09	4551	77.5	3.5	0.5	.	1055	.
Georgia-06G	09/29	4446	73.0	3.0	4.0	.	660	.
GA 052619 ¹	09/21	4397	69.5	6.5	0.5	.	839	.
Tifguard	09/29	4393	70.0	4.5	2.0	.	648	.
Florida-07	10/09	4352	71.0	2.5	3.5	.	626	.
Georgia-03L	09/29	4350	70.5	4.0	1.0	.	679	.
AP-4	09/29	4297	72.5	5.0	1.0	.	626	.
Georgia Greener	09/29	4141	72.5	5.0	3.0	.	680	.
McCloud	09/29	4137	72.0	4.0	1.0	.	604	.
AP-3	09/29	4121	68.5	4.5	0.0	.	744	.
GA 052524 ¹	10/19	4066	76.5	4.0	2.5	.	701	.
Georgia-09B	09/29	3973	72.5	4.5	3.0	.	712	.
AT-3085RO	09/29	3844	69.5	5.5	3.0	.	684	.
C-99R	10/19	3750	72.5	3.0	2.5	.	685	.
CRSP 963-6 ²	10/19	3318	71.0	3.5	3.0	.	681	.
AT-215	09/21	3297	71.5	5.5	1.0	.	672	.
Georgia Green	09/29	3274	73.0	5.0	0.5	.	801	.
Average	10/04	4248 ⁴	72.8	4.1	1.9	.	726	.
LSD at 10% Level		500	3.5	1.2	2.5		67	
Std. Err. Of Entry Mean		214	1.5	0.5	1.0		28	
<u>Virginia Types</u>								
Bailey	09/29	5184	67.5	3.5	1.5	41.0	521	68.0
Georgia-08V	09/29	4691	69.5	2.0	4.5	49.5	519	86.0
GA 052533 ¹	10/09	4314	66.5	2.0	3.5	51.5	445	76.5
Florida Fancy	09/29	4131	67.0	2.0	4.0	46.0	520	82.5
CHAMPS	09/21	3954	68.0	3.5	1.0	38.5	547	76.0
CRSP 895 ²	10/19	3872	67.0	5.0	2.0	29.0	738	15.0
Gregory	09/21	3871	63.5	3.0	1.0	45.5	525	87.0
Perry	09/21	3254	66.0	3.5	1.5	35.0	596	68.0
Average	09/30	4159 ⁴	66.9	3.1	2.4	42.0	551	69.9
LSD at 10% Level		500	3.5	1.2	2.5	2.2	67	4.1
Std. Err. Of Entry Mean		214	1.5	0.5	1.0	0.9	28	1.7

Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Nonirrigated (Continued)

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 12.4% and df for EMS = 160.

Planted: May 14, 2009.

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 = 6.0.

Soil Type: Tifton loamy sand.

Previous Crop: Corn.

Management: Disked, moldboard plowed, and rototilled; Sonalan, Storm, and Basagran used for weed control; Provost, Folicur and Chlorothilaniil used for disease control; Temik used for insect control; 800 lb/acre gypsum.

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

Plains, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Georgia-06G	10/21	5737	78.0	2.5	0.0	.	597	.
Georgia-07W	10/21	5565	77.5	2.0	0.5	.	628	.
Georgia Greener	10/21	5499	77.5	3.0	1.0	.	665	.
Georgia-09B	10/21	5455	78.0	2.5	0.0	.	676	.
AT-3085RO	10/21	5342	76.0	2.5	0.5	.	655	.
GA 042634-11 ^{1,3}	11/09	5327	76.0	3.0	0.5	.	904	.
GA 042634-6 ^{1,3}	11/09	5260	77.0	3.0	0.5	.	996	.
Georgia-03L	10/21	5117	71.5	2.5	1.0	.	622	.
Florida-07	11/09	5013	72.5	3.0	1.0	.	574	.
C724-19-25	10/21	4981	76.0	2.5	0.0	.	584	.
CRSP 963-6 ²	11/09	4847	75.0	3.5	0.5	.	575	.
Georgia Green	10/21	4810	76.5	3.0	0.5	.	771	.
Georgia-02C	11/09	4739	76.0	3.0	0.0	.	719	.
GA 052621 ¹	10/12	4732	76.0	3.0	0.0	.	712	.
AT-215	10/12	4714	76.0	3.0	0.0	.	677	.
McCloud	10/21	4582	74.5	3.5	1.0	.	581	.
AP-4	10/21	4580	76.0	3.0	0.5	.	591	.
GA 052529 ¹	11/09	4544	79.0	2.0	1.0	.	663	.
GA 052524 ¹	11/09	4492	78.5	2.5	1.0	.	729	.
Tifguard	10/21	4431	76.0	2.5	1.0	.	591	.
GA 052675 ¹	11/09	4422	78.0	2.0	0.0	.	737	.
York	11/09	4385	72.0	4.0	0.0	.	733	.
AP-3	10/21	4289	71.5	3.5	0.5	.	678	.
C-99R	11/09	4261	73.5	3.0	0.5	.	594	.
GA 052619 ¹	10/12	4068	74.0	4.0	0.0	.	743	.
Average	10/28	4848 ⁴	75.7	2.9	0.5	.	680	.
LSD at 10% Level		400	2.1	0.9	0.8		45	
Std. Err. Of Entry Mean		171	0.9	0.4	0.3		19	
<u>Virginia Types</u>								
Florida Fancy	10/21	5173	73.0	2.0	1.0	45.0	464	77.5
GA 052533 ¹	11/09	5004	73.0	1.5	0.5	56.5	402	92.5
Georgia-08V	10/21	4930	75.5	2.0	1.0	60.0	458	83.5
Bailey	10/21	4879	72.5	2.5	1.0	48.0	501	67.5
Perry	10/12	4462	72.5	2.0	0.5	48.5	500	74.0
Gregory	10/12	4360	67.0	3.0	1.0	55.0	439	85.0
CRSP 895 ²	11/09	4280	70.0	4.0	1.0	34.5	696	18.0
CHAMPS	10/12	4147	71.5	2.5	1.0	39.0	483	70.5
Average	10/22	4654 ⁴	71.9	2.4	0.9	48.3	493	71.1
LSD at 10% Level		400	2.1	0.9	0.8	2.3	45	2.9
Std. Err. Of Entry Mean		171	0.9	0.4	0.3	1.0	19	1.2

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 8.7% and df for EMS = 160.

Planted: June 3, 2009.

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

Fertilization: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Soil Test: P = Medium, K = Medium, and pH = 6.1.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Disked, subsoiled and moldboard plowed; Sonalan, Dual Max, and Strongarm used for weed control; Provost, Folicur, and Chlorothilanil used for disease control; Lorsban used for insect control; irrigated 0.5 inch.

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

**Plains, Georgia:
 Yield and Grade Performance
 Peanut Variety Trial, 2009, Nonirrigated**

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
C724-19-25	10/21	5377	77.0	2.0	0.0	.	585	.
Georgia-07W	10/21	5355	76.5	2.0	0.0	.	658	.
Florida-07	11/09	5314	73.5	2.5	0.5	.	581	.
Georgia-09B	10/21	5304	77.0	3.0	0.5	.	721	.
Georgia Greener	10/21	5094	77.5	2.5	0.5	.	648	.
AP-4	10/21	4951	77.0	2.0	1.0	.	646	.
GA 042634-11 ^{1,3}	11/09	4947	76.0	3.5	0.0	.	993	.
Tifguard	10/21	4924	75.5	2.5	0.5	.	609	.
AT-3085RO	10/21	4857	76.5	2.5	0.0	.	649	.
McCloud	10/21	4844	74.5	3.0	0.5	.	615	.
Georgia-06G	10/21	4821	78.0	3.0	0.5	.	648	.
GA 042634-6 ^{1,3}	11/09	4688	77.5	3.0	0.0	.	991	.
York	11/09	4534	73.0	3.5	0.5	.	710	.
GA 052675 ¹	11/09	4477	78.0	2.0	0.0	.	736	.
Georgia Green	10/21	4424	76.0	3.0	0.0	.	799	.
Georgia-03L	10/21	4414	72.0	3.0	0.0	.	647	.
Georgia-02C	11/09	4397	77.0	2.0	1.0	.	710	.
C-99R	11/09	4385	74.0	3.0	1.0	.	617	.
GA 052529 ¹	11/09	4365	78.5	2.5	1.0	.	693	.
GA 052621 ¹	10/12	4276	75.5	3.5	0.5	.	684	.
CRSP 963-6 ²	11/09	4170	73.0	3.0	1.0	.	557	.
GA 052524 ¹	11/09	4145	78.0	2.0	2.0	.	657	.
AP-3	10/21	4110	71.0	3.0	0.5	.	707	.
AT-215	10/12	4043	75.5	3.0	0.0	.	621	.
GA 052619 ¹	10/12	4014	76.0	2.0	0.0	.	814	.
Average	10/28	4649 ⁴	75.8	2.7	0.5	.	692	.
LSD at 10% Level		461	2.2	N.S. ⁵	1.4		57	
Std. Err. Of Entry Mean		197	0.9	0.6	0.2		24	
<u>Virginia Types</u>								
Georgia-08V	10/21	5167	76.5	1.5	1.0	61.0	456	84.0
Bailey	10/21	5094	73.5	1.5	1.0	46.5	544	56.5
Florida Fancy	10/21	5013	73.0	1.5	1.0	51.5	452	80.5
GA 052533 ¹	11/09	4957	71.5	2.0	1.0	54.5	354	93.5
CHAMPS	10/12	4411	70.0	1.5	2.0	41.0	466	76.5
CRSP 895 ²	11/09	4122	71.5	3.0	1.0	35.5	677	24.5
Gregory	10/12	4110	67.0	2.0	2.0	51.0	433	87.5
Perry	10/12	3911	73.0	1.5	1.0	53.0	521	73.0
Average	10/22	4598 ⁴	72.0	1.8	1.3	49.3	488	72.0
LSD at 10% Level		461	2.2	N.S.	1.4	2.6	57	4.7
Std. Err. Of Entry Mean		197	0.9	0.6	0.2	0.9	24	2.0

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 10.4% and df for EMS = 160.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Planted: June 3, 2009.

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

Fertilization: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Soil Test: P = Medium, K = Medium, and pH = 6.1.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Disked, subsoiled and moldboard plowed; Sonalan, Dual Max, and Strongarm used for weed control; Provost, Folicur, and Chlorothilanil used for disease control; Lorsban used for insect control.

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

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
Florida-07	11/09	6350	74.5	3.0	0.5	.	598	.
GA 052529 ¹	11/09	5669	80.0	2.5	0.0	.	665	.
York	11/09	5539	73.5	3.5	0.0	.	785	.
GA 052524 ¹	11/09	5485	80.5	2.0	0.0	.	660	.
Georgia-02C	11/09	5438	79.0	2.5	0.0	.	750	.
Georgia-09B	10/22	5385	79.0	2.0	0.0	.	674	.
C-99R	11/09	5374	76.5	2.0	0.0	.	630	.
GA 042634-6 ^{1,3}	11/09	5054	76.5	4.0	0.0	.	971	.
Georgia-06G	10/22	4926	80.5	1.5	0.0	.	658	.
AT-3085RO	10/22	4876	77.0	2.0	0.5	.	639	.
GA 042634-11 ^{1,3}	11/09	4803	77.0	4.5	0.0	.	978	.
CRSP 963-6 ²	11/09	4789	76.5	3.5	0.0	.	680	.
AP-4	10/22	4749	78.0	2.0	0.5	.	669	.
Georgia-03L	10/22	4657	74.0	2.5	0.0	.	657	.
McCloud	10/22	4649	76.0	3.0	0.0	.	637	.
Georgia Green	10/22	4615	77.0	3.0	0.0	.	814	.
Georgia-07W	10/22	4611	79.0	2.0	0.0	.	694	.
C724-19-25	10/22	4593	77.5	2.5	0.0	.	609	.
Tifguard	10/22	4562	76.5	3.0	0.0	.	625	.
GA 052675 ¹	11/09	4540	79.0	2.5	0.0	.	744	.
AP-3	10/22	4391	75.0	2.0	0.0	.	739	.
AT-215	10/22	4309	76.0	5.0	0.5	.	658	.
Georgia Greener	10/22	4303	79.0	2.5	0.0	.	689	.
GA 052621 ¹	10/22	3732	77.5	2.5	0.0	.	712	.
GA 052619 ¹	10/22	3430	75.5	3.5	0.0	.	695	.
Average	10/29	4833 ⁴	77.2	2.8	0.1	.	705	.
LSD at 10% Level		479	1.4	1.4	0.6		60	
Std. Err. Of Entry Mean		205	0.6	0.6	0.2		25	
<u>Virginia Types</u>								
GA 052533 ¹	11/09	6172	77.5	1.5	0.0	66.0	426	83.0
Bailey	10/22	5733	75.5	1.5	0.0	42.0	526	64.0
Georgia-08V	10/22	5568	77.0	1.5	0.5	57.5	448	84.5
Perry	10/22	5454	76.5	1.5	0.0	43.5	529	67.0
CRSP 895 ²	11/09	5244	73.0	3.0	0.5	48.5	637	28.5
Florida Fancy	10/22	5182	72.0	2.5	1.5	45.0	476	83.5
Gregory	10/22	4840	74.0	1.5	1.0	57.0	444	89.0
CHAMPS	10/22	4677	74.5	2.0	0.5	39.0	496	72.5
Average	10/27	5359 ⁴	75.0	1.9	0.5	49.8	498	71.5
LSD at 10% Level		479	1.4	1.4	0.6	2.6	60	4.3
Std. Err. Of Entry Mean		205	0.6	0.6	0.2	1.1	25	1.8

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 10.1% and df for EMS = 160.

Planted: June 9, 2009.

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 = 5.9.

Soil Type: Tifton loamy sand.

Previous Crop: Corn.

Management: Disked, moldboard plowed and bedded; Acumen, Gramoxone, Storm, Intensity, and Basagran used for weed control; Chlorothilanol used for disease control; 1000 lb/acre gypsum; irrigated 3 inches.

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

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2009, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb	Fancy %
	Date							
<u>Runner Types</u>								
C-99R	11/09	5283	78.5	2.0	0.0	.	641	.
Georgia-02C	11/09	4825	79.5	2.0	0.5	.	675	.
York	11/09	4674	75.0	3.5	0.0	.	717	.
C724-19-25	11/09	4658	77.5	1.5	1.0	.	606	.
Florida-07	11/09	4613	76.5	2.5	1.0	.	625	.
Georgia-09B	11/09	4561	79.0	2.0	1.0	.	647	.
McCloud	11/09	4515	76.0	3.5	0.5	.	638	.
AT-3085RO	11/09	4509	77.0	2.0	0.5	.	615	.
GA 052675 ¹	11/09	4433	80.0	2.0	0.0	.	795	.
Georgia-03L	11/09	4428	76.5	2.0	0.0	.	620	.
Georgia Greener	11/09	4399	79.5	2.0	0.5	.	694	.
Georgia-06G	11/09	4379	79.5	2.5	0.5	.	641	.
Georgia-07W	11/09	4376	79.0	1.5	1.0	.	599	.
Georgia Green	11/09	4193	78.0	2.5	0.0	.	751	.
GA 052524 ¹	11/09	4118	81.5	2.0	0.0	.	711	.
CRSP 963-6 ²	11/09	4092	78.5	2.0	0.0	.	617	.
Tifguard	11/09	4019	78.5	1.5	1.0	.	578	.
AP-4	11/09	3807	79.0	1.5	0.5	.	601	.
GA 052529 ¹	11/09	3616	80.5	2.5	0.5	.	717	.
GA 052619 ¹	10/22	3440	77.0	2.5	0.0	.	750	.
GA 042634-6 ^{1,3}	11/09	3412	79.5	3.5	0.0	.	928	.
AP-3	11/09	3410	76.0	2.0	1.0	.	682	.
GA 042634-11 ^{1,3}	11/09	3362	79.5	3.5	0.0	.	872	.
GA 052621 ¹	10/22	3286	79.0	2.5	0.0	.	713	.
AT-215	10/22	3107	75.0	4.0	1.0	.	659	.
Average	11/07	4141 ⁴	78.2	2.4	0.4	.	684	.
LSD at 10% Level		458	2.0	1.1	0.7		79	
Std. Err. Of Entry Mean		196	0.8	0.4	0.3		33	
<u>Virginia Types</u>								
GA 052533 ¹	11/09	5779	80.0	1.0	1.0	66.5	408	80.5
Georgia-08V	11/09	5252	79.0	1.5	0.5	65.5	485	78.5
Bailey	11/09	4729	76.0	2.0	1.0	52.0	482	53.0
Perry	10/22	4325	75.5	2.0	0.5	47.0	506	65.0
Florida Fancy	11/09	4316	75.5	1.0	1.0	54.5	492	74.5
CHAMPS	10/22	4197	74.5	2.5	1.0	40.0	477	69.5
CRSP 895 ²	11/09	4105	74.5	3.0	0.0	48.0	640	28.5
Gregory	10/22	3429	71.0	2.0	2.0	53.0	464	89.0
Average	11/02	4516 ⁴	75.8	1.9	0.9	53.3	494	67.3
LSD at 10% Level		458	2.0	1.1	0.7	3.6	79	6.9
Std. Err. Of Entry Mean		196	0.8	0.4	0.3	1.5	33	2.9

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2009, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. Spanish variety.
4. CV = 11.3% and df for EMS = 160.

Planted: June 10, 2009.

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 = 6.0.

Soil Type: Dothan loamy sand.

Previous Crop: Fallow.

Management: Disked, moldboard plowed and bedded; Acumen, Valor, Intensity, Gramoxone, Storm and Cadre used for weed control; Chlorothilanil used for disease control; 1000 lb/acre gypsum.

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