

PEANUT

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Spanish Types</u>							
GA 042634 ¹	09/28	5610	75.0	4.5	0.5	.	915
GA 042634-6 ¹	09/28	5535	74.5	4.5	0.0	.	1022
GA 042634-11 ¹	09/28	5421	75.0	4.5	0.5	.	962
GA 042635 ¹	09/28	4967	72.0	4.5	0.5	.	1090
GA 042633 ¹	09/28	4937	74.0	4.5	0.0	.	988
GA 042635-4 ¹	09/28	4801	74.5	4.0	0.5	.	920
Georgia-04S	09/18	4300	73.0	4.5	0.0	.	940
Georgia Browne	09/18	4050	73.0	4.0	0.0	.	986
Tamspan 90	09/04	3286	66.5	5.0	0.5	.	1065
OLin	09/04	3005	66.0	4.5	0.5	.	995
Spanco	08/20	2073	60.0	7.5	1.5	.	1229
Pronto	08/20	2067	60.0	9.0	1.0	.	1125
Average	09/16	4171 ²	70.3	5.1	0.5	.	1019
LSD at 10% Level		371	2.7	1.7	1.0		118
Std. Err. Of Entry Mean		157	1.1	0.7	1.4		47
<u>Valencia Types</u>							
Georgia Valencia	09/04	2556	58.5	4.5	2.0	.	690
Georgia Red	09/04	2236	65.0	6.0	1.0	.	881
Valencia McRan	08/20	2206	53.5	10.5	1.0	.	1051
H & W Valencia 102	08/20	2035	54.5	9.0	1.0	.	1083
H & W Valencia 136	08/20	2012	57.5	8.0	0.5	.	1008
N.M. Valencia C	08/20	2006	58.5	8.5	1.0	.	1084
N.M. Valencia A	08/20	1938	54.5	10.5	1.0	.	1212
H & W Valencia 101	08/20	1899	52.5	10.5	2.0	.	1118
Average	08/24	2111 ²	56.8	8.4	1.2	.	1016
LSD at 10% Level		371	2.7	1.7	1.0		118
Std. Err. Of Entry Mean		157	1.1	0.7	1.4		47

1. Advanced Georgia breeding line.

2. CV = 11.6% and df for EMS = 95.

Planted: May 18, 2007.

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

Fertilization: 0 lb/ N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb gypsum/acre.

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

Soil Type: Tifton loamy sand.

Previous Crop: Cotton.

Management: Moldboard plowed and rototilled; Sonalan, Dual, and Basagran used for weed control; Bravo and Provost used for disease control; irrigated 9.0 inches.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Georgia-01R	10/22	6101	77.5	2.0	0.0	.	654
Georgia-07W	10/02	6008	76.0	3.0	1.0	.	581
GA 032913 ¹	10/02	5945	77.5	3.0	0.0	.	635
GA 032902 ¹	10/02	5875	78.0	3.0	0.0	.	634
C-99R	10/22	5805	75.5	2.0	0.5	.	596
AT-3085RO	10/02	5682	70.0	4.0	1.0	.	583
Georgia-06G	10/02	5618	76.0	3.5	1.0	.	556
GA 032803 ¹	10/02	5572	77.5	3.5	0.5	.	737
GA 032905 ¹	10/02	5546	78.0	3.0	0.5	.	681
Georgia-02C	10/22	5524	78.5	2.5	0.0	.	750
CRSP 702 ²	10/22	5490	73.5	2.0	0.5	.	619
C724-19-25 ²	10/02	5478	74.5	2.5	0.5	.	535
Georgia Greener	10/02	5477	77.0	4.0	0.0	.	619
Tifguard	10/02	5442	76.0	2.5	0.5	.	609
AT-3081R	10/02	5376	72.5	3.5	0.0	.	650
Florida-07	10/22	5376	74.0	2.5	0.5	.	652
Carver	10/02	5327	73.5	4.0	0.5	.	641
AP-4	10/02	5296	76.0	3.0	0.5	.	624
CRSP 14 ²	10/22	5288	75.0	3.0	1.0	.	648
Tifrunner	10/22	5262	75.5	2.0	0.0	.	795
McCloud	10/02	5256	76.5	2.5	0.5	.	543
AP-3	10/02	5227	70.0	5.0	0.0	.	654
Georgia-03L	10/02	5196	73.0	3.5	0.0	.	588
Tamrun OL07	10/02	5149	73.0	4.0	0.5	.	648
York	10/22	5109	73.0	3.5	0.5	.	753
Georgia Green	10/02	5009	75.5	4.5	0.5	.	717
Andru II	09/18	4465	70.5	5.5	0.5	.	780
Average	10/07	5441 ³	74.9	3.2	0.4		647
LSD at 10% Level		381	1.9	1.1	0.6		94
Std. Err. Of Entry Mean		163	0.8	0.5	0.2		38
<u>Virginia Types</u>							
Georgia-05E	10/22	6056	80.5	1.0	0.5	61.5	478
GA 012535 ¹	10/02	6025	74.0	1.0	2.5	60.0	438
CHAMPS	09/18	5103	71.5	1.5	1.5	53.0	417
Gregory	09/18	5028	69.5	1.5	1.5	55.0	383
Perry	09/18	4952	73.5	1.5	1.0	52.0	446
NC-V 11	09/18	4952	72.5	1.5	0.5	53.0	456
Georgia Hi-O/L	09/18	4916	77.5	1.5	1.5	57.0	460
Average	09/25	5290 ³	74.1	1.4	1.3	55.9	439
LSD at 10% Level		381	1.9	1.1	0.6	1.4	94
Std. Err. Of Entry Mean		163	0.8	0.5	0.2	0.6	38

**Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 7.4% and df for EMS = 165.

Planted: May 18, 2007.

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

Fertilization: 0 lb/ N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb gypsum/acre.

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

Soil Type: Tifton loamy sand.

Previous Crop: Cotton.

Management: Moldboard plowed and rototilled; Sonalan, Dual, and Basagran used for weed control; Bravo and Provost used for disease control; irrigated 9.0 inches.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Georgia-02C	10/22	4395	73.0	4.5	1.5	.	810
Florida-07	10/22	3981	68.0	4.0	4.0	.	684
Georgia-01R	10/22	3966	69.5	5.0	2.5	.	732
Tifrunner	10/22	3896	70.0	4.0	2.0	.	679
Georgia-06G	10/05	3848	70.5	4.0	3.0	.	676
AP-3	10/05	3824	67.0	4.5	1.0	.	637
McCloud	10/05	3772	69.0	4.0	2.5	.	661
Tifguard	10/05	3736	69.5	4.5	1.5	.	642
Georgia-07W	10/05	3727	71.0	4.0	3.0	.	606
York	10/22	3642	67.0	6.0	2.0	.	770
C-99R	10/22	3584	70.5	4.5	2.0	.	689
C724-19-25 ²	10/05	3564	66.5	4.5	3.5	.	670
Georgia-03L	10/05	3548	68.5	5.0	1.0	.	627
Georgia Greener	10/05	3527	70.5	5.0	3.0	.	698
CRSP 14 ²	10/22	3512	68.5	3.5	1.5	.	728
AP-4	10/05	3470	67.0	6.0	2.5	.	615
CRSP 702 ²	10/22	3421	66.5	4.0	2.0	.	673
AT-3085RO	10/05	3373	65.5	5.0	1.5	.	656
Carver	10/05	3340	67.0	6.0	1.5	.	632
Andru II	09/28	3282	63.0	9.0	1.0	.	822
AT-3081R	10/05	3173	64.0	5.5	1.0	.	766
Tamrun OL07	10/05	3019	66.5	6.0	2.5	.	635
GA 032913 ¹	10/05	2983	68.5	6.0	3.0	.	750
GA 032902 ¹	10/05	2838	67.0	7.5	2.5	.	757
GA 032905 ¹	10/05	2713	66.0	7.5	3.0	.	778
GA 032803 ¹	10/05	2559	67.0	7.0	2.5	.	786
Georgia Green	10/05	2538	67.5	7.0	2.0	.	755
Average	10/10	3453 ³	67.9	5.3	2.2	.	701
LSD at 10% Level		426	3.9	1.8	1.4	.	115
Std. Err. Of Entry Mean		182	1.6	0.7	0.6	.	47
<u>Virginia Types</u>							
Georgia-05E	10/22	4350	71.5	4.0	2.5	36.0	572
GA 012535 ¹	10/05	3551	64.0	3.0	3.0	40.5	496
NC-V 11	09/28	3382	55.5	6.5	3.0	18.0	644
Georgia Hi-O/L	09/28	3110	67.0	3.0	7.0	37.5	592
Gregory	09/28	2949	52.0	4.5	3.5	27.0	519
CHAMPS	09/28	2820	59.0	5.5	2.0	25.0	581
Perry	09/28	2692	63.0	4.0	1.5	31.0	499
Average	10/02	3265 ³	61.7	4.4	3.2	30.7	557
LSD at 10% Level		426	3.9	1.8	1.4	3.2	115
Std. Err. Of Entry Mean		182	1.6	0.7	0.6	1.3	47

**Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 13.0% and df for EMS = 165.

Planted: May 18, 2007.

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

Fertilization: 0 lb/ N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb gypsum/acre.

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

Soil Type: Dothan loamy sand.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonalan, Dual, and Basagran used for weed control; Bravo and Provost used for disease control.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

Plains, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Florida-07	10/30	6089	73.0	2.5	1.0	.	600
Georgia-02C	10/30	5835	75.5	3.5	0.5	.	730
C724-19-25 ²	10/16	5717	72.5	4.0	1.0	.	586
GA 032913 ¹	10/16	5696	75.0	3.0	1.0	.	649
Georgia-01R	10/30	5690	75.0	2.0	0.5	.	657
C-99R	10/30	5651	75.0	2.0	1.0	.	599
York	10/30	5626	73.5	3.0	0.0	.	828
Georgia Greener	10/16	5539	74.0	3.5	1.0	.	659
CRSP 702 ²	10/30	5523	72.5	2.5	0.5	.	678
Georgia-06G	10/16	5515	76.0	2.5	1.0	.	589
AP-4	10/16	5509	74.0	3.5	1.0	.	608
Tifguard	10/16	5509	74.5	2.5	1.0	.	626
GA 032902 ¹	10/16	5472	74.5	4.0	0.5	.	669
GA 032803 ¹	10/16	5288	75.5	3.0	2.0	.	734
Georgia-03L	10/16	5282	71.0	3.0	0.5	.	638
CRSP 14 ²	10/30	5279	74.5	2.5	0.5	.	621
AT-3085RO	10/16	5237	70.5	3.5	0.5	.	650
Carver	10/16	5209	70.0	5.5	1.0	.	656
GA 032905 ¹	10/16	5209	74.5	3.5	1.0	.	676
AP-3	10/16	5167	67.0	4.5	0.5	.	696
Georgia-07W	10/16	5067	75.5	2.5	1.0	.	649
Tifrunner	10/30	5006	73.0	2.0	1.0	.	670
Georgia Green	10/16	4879	72.5	4.5	1.5	.	751
Tamrun OL07	10/16	4861	73.5	3.0	1.0	.	600
AT-3081R	10/16	4781	70.0	3.0	1.0	.	732
McCloud	10/16	4619	72.5	3.0	1.5	.	653
Andru II	10/08	4377	68.0	6.5	0.5	.	806
Average	10/20	5320 ³	73.1	3.3	0.9	.	667
LSD at 10% Level		494	3.0	1.1	1.0		74
Std. Err. Of Entry Mean		211	1.3	0.5	0.5		31
<u>Virginia Types</u>							
Georgia-05E	10/30	5400	78.5	1.0	1.0	49.5	582
GA 012535 ¹	10/16	4988	70.0	1.0	3.5	53.0	420
Gregory	10/08	4591	62.5	2.5	2.0	40.0	528
Georgia Hi-O/L	10/08	4581	74.0	2.5	2.5	42.5	541
Perry	10/08	4163	68.5	2.5	1.0	39.0	544
NC-V 11	10/08	4101	64.0	4.5	1.5	28.0	597
CHAMPS	10/08	3988	66.0	3.0	2.0	30.0	546
Average	10/12	4544 ³	69.1	2.4	1.9	40.3	537
LSD at 10% Level		468	3.0	1.1	1.0	4.2	74
Std. Err. Of Entry Mean		200	1.3	0.5	0.5	1.8	31

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 10.0% and df for EMS = 165.

Planted: May 16, 2007.

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 = Medium, and pH = 6.1.

Soil Type: Tifton sandy loam.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonalan, Dual, and Strongarm used for weed control; Vapam (soil injected), Bravo, and Provost used for disease control; Lannate and Danitol used for insect control; irrigated 6.0 inches.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

**Plains, Georgia:
 Yield and Grade Performance
 Peanut Variety Trial, 2007, Nonirrigated**

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Tifguard	10/16	4625	72.5	3.5	1.5	.	645
Georgia Greener	10/16	4347	72.0	4.5	1.5	.	719
Florida-07	10/30	4196	71.0	2.0	2.0	.	643
Georgia-07W	10/16	4181	75.0	2.0	1.0	.	762
Georgia-06G	10/16	4159	73.0	4.0	1.5	.	643
AT-3085RO	10/16	4154	73.5	2.5	0.0	.	741
Georgia-02C	10/30	4116	74.5	3.0	0.5	.	796
AP-4	10/16	4054	73.0	3.5	0.5	.	691
Carver	10/16	3902	70.5	5.0	0.5	.	796
AP-3	10/16	3887	68.0	3.5	1.0	.	740
C724-19-25 ²	10/16	3863	72.0	3.5	1.0	.	628
Tifrunner	10/30	3815	73.5	2.0	1.0	.	826
GA 032902 ¹	10/16	3772	71.5	5.5	1.5	.	870
York	10/30	3769	69.0	4.5	1.0	.	728
McCloud	10/16	3724	73.5	2.0	1.0	.	658
GA 032913 ¹	10/16	3693	74.5	3.0	1.0	.	758
Georgia-01R	10/30	3688	73.0	3.0	1.0	.	751
GA 032803 ¹	10/16	3603	74.5	4.0	1.0	.	805
GA 032905 ¹	10/16	3594	74.5	4.0	1.0	.	735
Georgia-03L	10/16	3576	71.5	3.0	0.0	.	750
Tamrun OL07	10/16	3521	73.0	3.0	1.0	.	634
CRSP 14 ²	10/30	3228	68.5	4.5	1.5	.	754
AT-3081R	10/16	3146	70.0	3.5	0.5	.	794
C-99R	10/30	3068	73.5	2.0	1.0	.	669
Georgia Green	10/16	3022	73.0	4.0	1.5	.	791
Andru II	10/08	3007	68.0	5.5	1.0	.	851
CRSP 702 ²	10/30	2856	67.0	5.0	1.0	.	742
Average	10/20	3725 ³	72.0	3.5	1.0	.	738
LSD at 10% Level		530	2.3	1.4	0.8		86
Std. Err. Of Entry Mean		226	0.9	0.6	0.3		36
<u>Virginia Types</u>							
GA 012535 ¹	10/16	4320	69.5	1.5	3.5	45.5	508
Georgia-05E	10/30	3621	77.0	2.0	1.0	39.5	688
Georgia Hi-O/L	10/08	3560	68.0	2.5	7.0	33.0	553
Gregory	10/08	3524	56.0	2.5	3.5	27.5	601
CHAMPS	10/08	3328	66.5	2.5	1.5	30.5	510
NC-V 11	10/08	3204	62.0	4.0	2.0	18.0	554
Perry	10/08	2916	66.5	2.5	2.0	29.5	621
Average	10/12	3496 ³	66.5	2.5	2.9	31.9	576
LSD at 10% Level		530	2.3	1.4	0.8	4.3	86
Std. Err. Of Entry Mean		226	0.9	0.6	0.3	1.8	36

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 15.1% and df for EMS = 165.

Planted: May 16, 2007.

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 = Medium, and pH = 6.1.

Soil Type: Tifton sandy loam.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonalan, Dual, and Strongarm used for weed control; Vapam (soil injected), Bravo, and Provost used for disease control; Lannate and Danitol used for insect control.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Georgia-07W	10/03	4930	75.5	3.0	0.5	.	643
Georgia-06G	10/03	4801	76.5	3.0	0.0	.	618
CRSP 702 ²	10/31	4727	72.0	3.5	1.0	.	694
Florida-07	10/31	4709	73.0	3.0	0.5	.	561
York	10/31	4618	71.5	5.0	0.0	.	885
GA 032902 ¹	10/03	4558	74.5	3.5	1.0	.	673
Tifrunner	10/31	4393	74.0	2.0	1.0	.	794
C724-19-25 ²	10/03	4376	73.0	4.0	0.5	.	585
Georgia Greener	10/03	4326	75.5	4.0	0.0	.	658
C-99R	10/31	4306	74.0	3.0	0.5	.	565
AP-4	10/03	4274	74.0	4.0	0.5	.	641
GA 032803 ¹	10/03	4243	76.5	3.5	0.0	.	725
Georgia-02C	10/31	4223	76.5	2.5	1.0	.	774
Georgia-03L	10/03	4200	71.5	3.0	0.0	.	704
AT-3085RO	10/03	4200	69.0	4.5	2.0	.	673
CRSP 14 ²	10/31	4193	74.0	3.0	0.0	.	727
GA 032913 ¹	10/03	4162	74.5	3.5	1.0	.	638
Tifguard	10/03	4055	73.0	3.5	1.0	.	522
Georgia-01R	10/31	4041	73.5	2.5	1.5	.	650
McCloud	10/03	3954	71.0	4.5	1.0	.	650
AT-3081R	10/03	3917	69.0	4.5	1.0	.	681
Georgia Green	10/03	3796	74.0	4.5	1.0	.	810
Andru II	09/18	3783	65.5	7.5	0.0	.	751
Tamrun OL07	10/03	3764	72.5	4.5	1.0	.	607
AP-3	10/03	3688	68.5	5.5	0.5	.	683
Carver	10/03	3656	69.5	6.0	0.0	.	690
GA 032905 ¹	10/03	3501	75.0	3.5	1.0	.	672
Average	10/11	4200 ³	72.9	3.9	0.6	.	676
LSD at 10% Level		646	2.2	0.9	0.7		91
Std. Err. Of Entry Mean		276	0.9	0.4	0.3		37
<u>Virginia Types</u>							
Georgia-05E	10/31	5009	76.5	2.0	1.0	46.0	721
Gregory	09/18	4721	65.0	2.5	1.5	48.5	470
Perry	09/18	4402	64.5	4.0	1.5	34.5	475
GA 012535 ¹	10/03	4385	73.0	1.0	2.5	57.0	434
NC-V 11	09/18	3992	67.0	3.0	0.5	34.5	537
Georgia Hi-O/L	09/18	3930	74.5	2.0	1.5	52.5	522
CHAMPS	09/18	3886	67.0	3.0	1.5	39.0	467
Average	09/26	4332 ³	69.6	2.5	1.4	44.6	518
LSD at 10% Level		646	2.2	0.9	0.7	3.4	91
Std. Err. Of Entry Mean		276	0.9	0.4	0.3	1.4	37

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 16.0% and df for EMS = 165.

Planted: May 17, 2007.

Seeding Rate: 6 seed/row foot in 38" rows.

Fertilization: 18 lb/ N, 54 lb P₂O₅, 108 lb K₂O/acre.

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

Soil Type: Tifton sandy loam.

Previous Crop: Cotton.

Management: Moldboard plowed and rototilled; Basagran, Select, and Classic used for weed control; Bravo and Folicur used for disease control; Lannate used for insect control; irrigated 9.0 inches.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.

Midville, Georgia: Yield and Grade Performance Peanut Variety Trial, 2007, Nonirrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
<u>Runner Types</u>							
Florida-07	10/31	3015	72.0	2.5	1.0	.	673
Georgia-02C	10/31	2860	74.0	4.0	0.5	.	805
CRSP 702 ²	10/31	2849	72.0	2.5	1.0	.	794
Georgia-06G	10/03	2748	72.0	5.0	0.5	.	656
GA 032913 ¹	10/03	2728	72.0	6.0	0.0	.	803
Georgia-01R	10/31	2694	71.0	3.5	0.5	.	741
Georgia-07W	10/03	2683	70.5	7.0	0.5	.	711
GA 032902 ¹	10/03	2680	71.0	6.5	0.5	.	735
GA 032905 ¹	10/03	2678	70.5	8.0	0.5	.	685
Georgia-03L	10/03	2678	67.0	6.0	0.0	.	827
York	10/31	2654	72.0	3.0	0.5	.	824
Georgia Greener	10/03	2626	71.5	5.5	0.0	.	757
C-99R	10/31	2611	72.5	3.0	1.0	.	760
AT-3085RO	10/03	2590	63.5	7.0	0.0	.	838
CRSP 14 ²	10/31	2585	71.5	3.5	1.0	.	689
AP-4	10/03	2545	70.0	6.0	0.5	.	667
Carver	10/03	2477	65.5	9.0	0.5	.	629
Tifrunner	10/31	2410	69.5	4.5	1.0	.	749
C724-19-25 ²	10/03	2397	72.0	4.5	0.5	.	655
Tifguard	10/03	2316	71.5	5.5	0.5	.	660
AP-3	10/03	2268	64.5	6.5	0.0	.	758
Tamrun OL07	10/03	2246	68.5	6.5	0.5	.	641
Georgia Green	10/03	2215	69.0	8.5	0.0	.	840
AT-3081R	10/03	2093	61.0	9.5	0.0	.	803
McCloud	10/03	2058	65.5	7.0	1.0	.	770
GA 032803 ¹	10/03	1995	73.0	6.0	0.0	.	776
Andru II	09/28	1693	64.0	8.5	0.0	.	801
Average	10/11	2496 ³	69.5	5.7	0.4	.	742
LSD at 10% Level		416	2.1	1.7	1.0		106
Std. Err. Of Entry Mean		178	0.8	0.7	0.4		43
<u>Virginia Types</u>							
Georgia-05E	10/31	2662	75.0	2.5	1.0	31.5	728
GA 012535 ¹	10/03	2416	69.0	2.5	2.0	43.5	416
Georgia Hi-O/L	09/28	2219	71.0	3.5	3.5	42.0	521
CHAMPS	09/28	2179	64.5	4.5	1.0	31.0	537
Gregory	09/28	2171	63.0	3.5	1.0	38.5	497
NC-V 11	09/28	1993	65.0	5.0	1.0	29.0	568
Perry	09/28	1798	68.0	2.5	1.5	35.5	492
Average	10/03	2206 ³	67.9	3.4	1.6	35.9	537
LSD at 10% Level		416	2.1	1.7	1.0	2.1	106
Std. Err. Of Entry Mean		178	0.8	0.7	0.4	0.9	43

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2007, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
 2. Advanced USDA breeding line.
 3. CV = 17.9% and df for EMS = 165.
- Planted: May 17, 2007.
- Seeding Rate: 6 seed/row foot in 38" rows.
- Fertilization: 18 lb/ N, 54 lb P₂O₅, 108 lb K₂O/acre.
- Soil Test: P = High, K = Medium, and pH = 6.1.
- Soil Type: Tifton sandy loam.
- Previous Crop: Weedy fallow.
- Management: Moldboard plowed and rototilled; Basagran, Select, and Classic used for weed control; Bravo and Folicur used for disease control; Lannate used for insect control.

Test conducted by A. E. Coy, R. Brooke, and R. Jackson.