

PEANUT

Tifton, Georgia: Yield and Grade Performance Peanut Variety Trial, 2008, Irrigated

| Variety | Digging | Yield | TSMK | OK | DK | ELK | Seed |
|---------------------------|---------|-------------------|------|------|-----|-----|--------|
| | Date | | | | | | |
| | | lb/A | % | % | % | % | no./lb |
| <u>Spanish Types</u> | | | | | | | |
| GA 042634-6 ¹ | 10/14 | 4904 | 78.0 | 3.0 | 0.5 | . | 1014 |
| GA 042634-11 ¹ | 10/14 | 4596 | 78.5 | 2.5 | 1.0 | . | 1038 |
| GA 042635-4 ¹ | 10/14 | 4175 | 78.5 | 2.5 | 0.5 | . | 942 |
| Georgia-04S | 09/23 | 3649 | 71.0 | 5.0 | 0.0 | . | 1102 |
| Georgia Browne | 09/23 | 3506 | 72.0 | 5.0 | 0.5 | . | 1084 |
| Tamnut OL06 | 09/02 | 3187 | 66.5 | 4.0 | 0.5 | . | 971 |
| Tamspan 90 | 09/02 | 2812 | 70.0 | 5.0 | 0.0 | . | 1077 |
| OLin | 09/02 | 2689 | 67.0 | 6.0 | 1.0 | . | 1144 |
| Spanco | 08/12 | 1989 | 64.5 | 7.5 | 1.0 | . | 1068 |
| Pronto | 08/12 | 1945 | 61.5 | 9.0 | 1.0 | . | 1058 |
| Average | 09/15 | 3345 ² | 70.8 | 5.0 | 0.6 | . | 1050 |
| LSD at 10% Level | | 351 | 2.6 | 1.6 | 1.1 | | 108 |
| Std. Err. Of Entry Mean | | 149 | 1.0 | 0.6 | 0.4 | | 44 |
| <u>Valencia Types</u> | | | | | | | |
| Georgia Valencia | 09/02 | 2380 | 60.0 | 4.0 | 1.5 | . | 777 |
| Georgia Red | 09/02 | 1966 | 65.0 | 4.5 | 1.5 | . | 975 |
| H & W Valencia 136 | 08/12 | 1730 | 58.0 | 10.0 | 1.5 | . | 1082 |
| N.M. Valencia C | 08/12 | 1691 | 58.5 | 8.5 | 2.5 | . | 1116 |
| H & W Valencia 101 | 08/12 | 1630 | 58.0 | 10.0 | 1.5 | . | 1189 |
| Valencia McRan | 08/12 | 1534 | 60.0 | 8.5 | 1.0 | . | 1144 |
| H & W Valencia 102 | 08/12 | 1510 | 56.5 | 10.0 | 2.5 | . | 1137 |
| N.M. Valencia A | 08/12 | 1498 | 61.0 | 8.0 | 1.0 | . | 1173 |
| Average | 08/17 | 1742 ² | 59.6 | 7.9 | 1.6 | . | 1074 |
| LSD at 10% Level | | 351 | 2.6 | 1.6 | 1.1 | | 108 |
| Std. Err. Of Entry Mean | | 149 | 1.0 | 0.6 | 0.4 | | 44 |

1. Advanced Georgia breeding line.

2. CV = 13.9% and df for EMS = 85.

Planted: May 14, 2008.

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

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

Soil Test: P = High, K = High, and pH = 6.2.

Soil Type: Tifton loamy sand.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonolan, Basagran, Ultra Blazer, and Select used for weed control; Traclor used for insect control; Headline and Provost used for disease control; Telone II used for nematode control; irrigated 6.0 inches.

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

**Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Irrigated**

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| GA 052529 ¹ | 10/14 | 5710 | 79.0 | 3.5 | 0.0 | . | 669 |
| GA 032913 ¹ | 09/23 | 5486 | 75.5 | 3.0 | 1.0 | . | 817 |
| Florida-07 | 10/03 | 5483 | 73.5 | 1.5 | 1.0 | . | 664 |
| Georgia-07W | 09/23 | 5451 | 77.0 | 2.5 | 0.0 | . | 705 |
| McCloud | 09/23 | 5337 | 72.0 | 4.0 | 1.5 | . | 728 |
| Tifguard | 09/23 | 5198 | 75.0 | 2.5 | 0.5 | . | 659 |
| AT-3085RO | 09/23 | 5198 | 72.0 | 3.0 | 1.0 | . | 735 |
| GA 032902 ¹ | 09/23 | 5147 | 76.0 | 3.5 | 0.5 | . | 790 |
| C724-19-25 ² | 09/23 | 5030 | 75.5 | 2.0 | 0.0 | . | 601 |
| Georgia Greener | 09/23 | 5018 | 76.5 | 3.0 | 1.0 | . | 707 |
| Georgia-01R | 10/14 | 4981 | 75.5 | 3.5 | 0.0 | . | 612 |
| Georgia-06G | 09/23 | 4959 | 75.0 | 3.5 | 1.0 | . | 668 |
| AP-4 | 09/23 | 4869 | 73.5 | 3.5 | 1.0 | . | 675 |
| AT-3081R | 09/23 | 4868 | 72.5 | 2.5 | 0.0 | . | 718 |
| York | 10/14 | 4762 | 72.5 | 3.5 | 0.0 | . | 824 |
| AP-3 | 09/23 | 4749 | 70.0 | 4.0 | 0.5 | . | 784 |
| CRSP 702 ² | 10/14 | 4742 | 72.0 | 3.5 | 0.0 | . | 720 |
| C-99R | 10/14 | 4400 | 74.0 | 4.0 | 0.0 | . | 698 |
| Georgia-02C | 10/03 | 4357 | 77.0 | 2.5 | 0.5 | . | 798 |
| Georgia-03L | 09/23 | 4276 | 73.0 | 3.0 | 0.0 | . | 702 |
| Georgia Green | 09/23 | 4067 | 74.5 | 5.0 | 0.0 | . | 844 |
| Average | 09/29 | 4957 ³ | 74.4 | 3.2 | 0.5 | . | 720 |
| LSD at 10% Level | | 364 | 2.0 | 1.3 | 1.0 | | 78 |
| Std. Err. Of Entry Mean | | 156 | 0.8 | 0.6 | 0.4 | | 33 |
| <u>Virginia Types</u> | | | | | | | |
| Georgia-05E | 10/03 | 5738 | 80.5 | 1.0 | 0.5 | 53.5 | 653 |
| Georgia-08V | 09/23 | 5378 | 74.5 | 1.0 | 2.0 | 55.5 | 493 |
| CRSP 895 ² | 10/14 | 4892 | 71.5 | 2.5 | 0.5 | 47.0 | 729 |
| Gregory | 09/17 | 4826 | 69.0 | 2.0 | 1.0 | 51.0 | 591 |
| CHAMPS | 09/17 | 4427 | 70.0 | 3.0 | 1.0 | 45.0 | 524 |
| Georgia Hi-O/L | 09/17 | 4306 | 75.0 | 2.0 | 1.5 | 46.5 | 550 |
| NC-V 11 | 09/17 | 3911 | 69.0 | 3.0 | 0.5 | 30.5 | 682 |
| Perry | 09/17 | 3795 | 72.0 | 1.5 | 1.0 | 43.5 | 588 |
| Average | 09/23 | 4659 ³ | 72.7 | 2.0 | 1.0 | 46.6 | 601 |
| LSD at 10% Level | | 364 | 2.0 | 1.3 | 1.0 | 5.7 | 78 |
| Std. Err. Of Entry Mean | | 156 | 0.8 | 0.6 | 0.4 | 2.1 | 33 |

**Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 7.8% and df for EMS = 140.

Planted: May 14, 2008.

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

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

Soil Test: P = High, K = High, and pH = 6.2.

Soil Type: Tifton loamy sand.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonolan, Basagran, Ultra Blazer, and Select used for weed control; Tractor used for insect control; Headline and Provost used for disease control; Telone II used for nematode control; irrigated 6.0 inches.

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

Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Nonirrigated

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| GA 052529 ¹ | 10/14 | 5036 | 77.0 | 3.0 | 1.5 | . | 743 |
| Georgia-01R | 10/14 | 4944 | 72.0 | 4.0 | 1.0 | . | 840 |
| Georgia-07W | 10/09 | 4618 | 76.0 | 2.0 | 1.0 | . | 652 |
| York | 10/14 | 4570 | 69.0 | 4.5 | 1.5 | . | 861 |
| Georgia-02C | 10/14 | 4564 | 77.0 | 2.5 | 1.0 | . | 712 |
| CRSP 702 ² | 10/14 | 4458 | 64.5 | 5.0 | 2.0 | . | 820 |
| C724-19-25 ² | 10/09 | 4453 | 72.0 | 3.0 | 2.0 | . | 604 |
| Florida-07 | 10/14 | 4303 | 69.5 | 3.0 | 2.5 | . | 621 |
| Georgia-06G | 10/09 | 4301 | 74.5 | 2.5 | 2.0 | . | 642 |
| Georgia Greener | 10/09 | 4241 | 74.5 | 3.5 | 1.5 | . | 730 |
| Georgia-03L | 10/09 | 4121 | 69.5 | 4.0 | 1.0 | . | 677 |
| McCloud | 10/09 | 4044 | 71.0 | 3.0 | 3.0 | . | 725 |
| Tifguard | 10/09 | 4028 | 70.5 | 3.0 | 2.0 | . | 668 |
| C-99R | 10/14 | 4005 | 68.5 | 3.5 | 2.5 | . | 715 |
| AP-3 | 10/09 | 3992 | 68.5 | 4.0 | 1.0 | . | 788 |
| AP-4 | 10/09 | 3949 | 73.0 | 3.5 | 0.5 | . | 677 |
| AT-3081R | 10/09 | 3703 | 70.5 | 2.5 | 0.5 | . | 776 |
| GA 032913 ¹ | 10/09 | 3573 | 68.0 | 4.0 | 5.0 | . | 819 |
| GA 032902 ¹ | 10/09 | 3449 | 71.0 | 4.5 | 3.0 | . | 819 |
| AT-3085RO | 10/09 | 3229 | 67.5 | 4.0 | 3.0 | . | 703 |
| Georgia Green | 10/09 | 3209 | 74.0 | 4.0 | 1.0 | . | 774 |
| Average | 10/11 | 4133 ³ | 71.3 | 3.5 | 1.8 | . | 732 |
| LSD at 10% Level | | 569 | 5.4 | 1.9 | 1.4 | | 133 |
| Std. Err. Of Entry Mean | | 243 | 2.3 | 0.8 | 0.6 | | 55 |
| <u>Virginia Types</u> | | | | | | | |
| CRSP 895 ² | 10/14 | 4385 | 59.5 | 4.5 | 3.5 | 32.0 | 819 |
| Georgia-08V | 10/09 | 4315 | 62.0 | 1.0 | 6.0 | 42.5 | 657 |
| Georgia-05E | 10/14 | 4262 | 74.5 | 3.5 | 3.0 | 50.0 | 633 |
| Georgia Hi-O/L | 09/23 | 3501 | 72.0 | 2.5 | 3.5 | 50.5 | 574 |
| CHAMPS | 09/23 | 3158 | 63.0 | 5.0 | 2.0 | 33.0 | 629 |
| Perry | 09/23 | 2749 | 59.0 | 5.5 | 5.0 | 28.5 | 842 |
| Gregory | 09/23 | 2743 | 51.5 | 5.5 | 6.0 | 29.0 | 766 |
| NC-V 11 | 09/23 | 2375 | 57.5 | 5.5 | 3.5 | 23.5 | 722 |
| Average | 09/30 | 3436 ³ | 62.4 | 4.1 | 4.1 | 36.1 | 705 |
| LSD at 10% Level | | 569 | 5.4 | 1.9 | 1.4 | 10.9 | 133 |
| Std. Err. Of Entry Mean | | 243 | 2.3 | 0.8 | 0.6 | 4.1 | 55 |

**Tifton, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 15.1% and df for EMS = 140.

Planted: May 12, 2008.

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

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

Soil Test: P = High, K = High, and pH = 7.2.

Soil Type: Fuquay loamy sand.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Sonolan, Basagran, Ultra Blazer, and Select used for weed control; Tractor used for insect control; Headline and Provost used for disease control; Telone II used for nematode control.

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

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Irrigated**

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| Georgia-02C | 10/24 | 5002 | 77.0 | 3.0 | 0.0 | . | 772 |
| Georgia Greener | 10/02 | 4598 | 73.5 | 3.5 | 0.5 | . | 732 |
| Florida-07 | 10/24 | 4447 | 71.0 | 2.0 | 1.5 | . | 615 |
| AT-3085RO | 10/02 | 4376 | 71.0 | 3.0 | 1.5 | . | 694 |
| CRSP 702 ² | 10/24 | 4373 | 72.5 | 2.0 | 0.5 | . | 738 |
| Georgia-01R | 10/24 | 4345 | 77.0 | 1.5 | 0.0 | . | 624 |
| GA 032913 ¹ | 10/02 | 4282 | 73.5 | 3.5 | 0.5 | . | 784 |
| GA 032902 ¹ | 10/02 | 4275 | 74.5 | 3.5 | 0.0 | . | 750 |
| Georgia-03L | 10/02 | 4211 | 70.5 | 4.0 | 0.5 | . | 701 |
| Georgia-06G | 10/02 | 4167 | 74.5 | 2.5 | 2.0 | . | 614 |
| C-99R | 10/24 | 4138 | 74.5 | 1.5 | 1.0 | . | 646 |
| GA 052529 ¹ | 10/24 | 3923 | 79.0 | 2.5 | 0.0 | . | 674 |
| Georgia-07W | 10/02 | 3920 | 74.5 | 3.0 | 1.0 | . | 636 |
| York | 10/24 | 3902 | 72.5 | 3.0 | 0.0 | . | 830 |
| C724-19-25 ² | 10/02 | 3825 | 74.5 | 2.5 | 0.5 | . | 666 |
| AT-3081R | 10/02 | 3596 | 74.0 | 2.0 | 0.0 | . | 691 |
| AP-4 | 10/02 | 3593 | 74.0 | 4.0 | 0.0 | . | 656 |
| Georgia Green | 10/02 | 3557 | 72.5 | 4.5 | 1.0 | . | 825 |
| Tifguard | 10/02 | 3441 | 72.5 | 4.0 | 1.5 | . | 662 |
| AP-3 | 10/02 | 3349 | 68.5 | 4.0 | 0.5 | . | 760 |
| McCloud | 10/02 | 3188 | 71.5 | 3.0 | 1.0 | . | 651 |
| Average | 10/09 | 4024 ³ | 73.5 | 3.0 | 0.6 | | 701 |
| LSD at 10% Level | | 458 | 2.0 | 0.8 | 0.9 | | 82 |
| Std. Err. Of Entry Mean | | 196 | 0.8 | 0.4 | 0.4 | | 34 |
| <u>Virginia Types</u> | | | | | | | |
| Georgia-05E | 10/24 | 4474 | 78.0 | 1.5 | 1.0 | 46.0 | 631 |
| Georgia-08V | 10/02 | 4086 | 72.5 | 1.0 | 3.0 | 55.5 | 527 |
| CRSP 895 ² | 10/24 | 3937 | 71.5 | 3.0 | 0.0 | 42.5 | 745 |
| Gregory | 09/20 | 3739 | 68.0 | 1.5 | 1.0 | 48.0 | 597 |
| Georgia Hi-O/L | 09/20 | 3478 | 73.5 | 2.5 | 1.5 | 42.5 | 583 |
| CHAMPS | 09/20 | 3247 | 68.0 | 3.0 | 1.0 | 39.5 | 676 |
| Perry | 09/20 | 3138 | 67.5 | 3.5 | 1.5 | 33.5 | 678 |
| NC-V 11 | 09/20 | 3027 | 67.5 | 3.0 | 1.0 | 29.5 | 682 |
| Average | 09/30 | 3641 ³ | 70.8 | 2.4 | 1.3 | 42.1 | 640 |
| LSD at 10% Level | | 458 | 2.0 | 0.8 | 0.9 | 7.7 | 82 |
| Std. Err. Of Entry Mean | | 196 | 0.8 | 0.4 | 0.4 | 2.9 | 34 |

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 12.2% and df for EMS = 140.

Planted: May 15, 2008.

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

Fertilization: 20 lb/ N, 80 lb P₂O₅, 80 lb K₂O/acre.

Soil Test: P = Medium, K = Medium, and pH = 6.2.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Chisel plowed and rototilled; Sonalan, Dual Magnum, and Strongarm used for weed control; Vapam (soil injected), Bravo, Headline, and Provost used for disease control; Lorsban used for insect control; irrigated 4.0 inches.

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, 2008, Nonirrigated**

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| Florida-07 | 10/24 | 4357 | 71.0 | 4.0 | 0.5 | . | 596 |
| GA 052529 ¹ | 10/24 | 4265 | 80.0 | 1.5 | 1.0 | . | 716 |
| AT-085RO | 10/24 | 4238 | 74.5 | 1.5 | 0.5 | . | 733 |
| Georgia Greener | 10/24 | 4222 | 78.0 | 2.0 | 0.5 | . | 680 |
| McCloud | 10/24 | 4163 | 75.0 | 1.0 | 1.0 | . | 654 |
| Georgia-03L | 10/24 | 4107 | 72.0 | 9.0 | 0.0 | . | 679 |
| C-99R | 10/24 | 4081 | 74.5 | 2.5 | 0.0 | . | 718 |
| Georgia-01R | 10/24 | 4045 | 76.0 | 1.0 | 1.0 | . | 791 |
| Georgia-07W | 10/24 | 4009 | 76.0 | 3.0 | 0.0 | . | 686 |
| Georgia-06G | 10/24 | 3985 | 77.5 | 2.0 | 1.0 | . | 689 |
| Georgia-02C | 10/24 | 3927 | 78.5 | 2.5 | 0.0 | . | 753 |
| GA 032913 ¹ | 10/24 | 3902 | 75.5 | 2.5 | 1.0 | . | 770 |
| C724-19-25 ² | 10/24 | 3863 | 75.5 | 2.5 | 0.5 | . | 657 |
| CRSP 702 ² | 10/24 | 3854 | 74.0 | 2.0 | 0.0 | . | 745 |
| York | 10/24 | 3852 | 71.5 | 3.5 | 0.0 | . | 870 |
| GA 032902 ¹ | 10/24 | 3818 | 77.0 | 1.5 | 1.5 | . | 824 |
| AP-4 | 10/24 | 3805 | 73.5 | 3.5 | 0.5 | . | 730 |
| AT-3081R | 10/24 | 3775 | 73.5 | 2.0 | 0.0 | . | 767 |
| Tifguard | 10/24 | 3704 | 77.5 | 1.5 | 0.0 | . | 634 |
| AP-3 | 10/24 | 3693 | 74.0 | 2.0 | 0.0 | . | 755 |
| Georgia Green | 10/24 | 2933 | 76.5 | 2.0 | 0.5 | . | 885 |
| Average | 10/24 | 3933 ³ | 75.3 | 2.5 | 0.5 | . | 730 |
| LSD at 10% Level | | 365 | 2.0 | 1.2 | 1.1 | | 72 |
| Std. Err. Of Entry Mean | | 156 | 0.8 | 0.5 | 0.4 | | 30 |
| <u>Virginia Types</u> | | | | | | | |
| Georgia-05E | 10/24 | 4067 | 79.0 | 1.0 | 0.0 | 44.0 | 648 |
| CHAMPS | 09/26 | 3896 | 68.0 | 2.5 | 2.5 | 33.5 | 589 |
| Gregory | 09/26 | 3775 | 65.0 | 2.0 | 2.5 | 41.5 | 664 |
| NC-V 11 | 09/26 | 3616 | 68.5 | 3.0 | 0.5 | 34.0 | 645 |
| Georgia-08V | 10/24 | 3611 | 76.5 | 1.0 | 1.5 | 57.5 | 565 |
| CRSP 895 ² | 10/24 | 3596 | 73.0 | 2.0 | 1.0 | 47.0 | 781 |
| Perry | 09/26 | 3562 | 69.0 | 2.5 | 1.0 | 34.0 | 630 |
| Georgia Hi-O/L | 09/26 | 3046 | 75.0 | 2.0 | 1.5 | 42.0 | 631 |
| Average | 10/07 | 3646 ³ | 71.8 | 2.0 | 1.3 | 41.7 | 644 |
| LSD at 10% Level | | 365 | 2.0 | 1.2 | 1.1 | 8.1 | 72 |
| Std. Err. Of Entry Mean | | 156 | 0.8 | 0.5 | 0.4 | 3.0 | 30 |

**Plains, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 9.9% and df for EMS = 140.

Planted: May 15, 2008.

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

Fertilization: 20 lb/ N, 80 lb P₂O₅, 80 lb K₂O/acre.

Soil Test: P = Medium, K = Medium, and pH = 6.2.

Soil Type: Greenville sandy loam.

Previous Crop: Corn.

Management: Chisel plowed and rototilled; Sonalan, Dual Magnum, and Strongarm used for weed control; Vapam (soil injected), Bravo, Headline, and Provost 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, 2008, Irrigated**

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| Georgia-06G | 10/20 | 6304 | 78.5 | 3.0 | 0.0 | . | 602 |
| AT-3085RO | 10/20 | 6195 | 76.0 | 1.5 | 0.0 | . | 625 |
| GA 032902 ¹ | 10/20 | 6169 | 77.5 | 2.5 | 0.5 | . | 821 |
| Georgia Greener | 10/20 | 6081 | 78.5 | 2.0 | 0.0 | . | 732 |
| GA 032913 ¹ | 10/20 | 5960 | 78.5 | 2.0 | 0.0 | . | 725 |
| Georgia-07W | 10/20 | 5876 | 78.0 | 2.0 | 0.0 | . | 601 |
| Georgia-01R | 10/20 | 5853 | 76.5 | 2.5 | 0.0 | . | 710 |
| McCloud | 10/20 | 5817 | 76.5 | 1.5 | 0.0 | . | 631 |
| Tifguard | 10/20 | 5735 | 76.5 | 2.0 | 0.5 | . | 634 |
| Georgia-03L | 10/20 | 5709 | 70.5 | 3.5 | 0.0 | . | 728 |
| AT-3081R | 10/20 | 5567 | 75.0 | 2.0 | 0.0 | . | 648 |
| Florida-07 | 10/20 | 5422 | 74.5 | 2.5 | 0.0 | . | 634 |
| AP-4 | 10/20 | 5382 | 78.5 | 1.5 | 0.0 | . | 612 |
| CRSP 702 ² | 10/20 | 5351 | 75.0 | 2.0 | 0.0 | . | 675 |
| GA 052529 ¹ | 10/20 | 5112 | 80.0 | 2.5 | 0.0 | . | 676 |
| AP-3 | 10/20 | 5091 | 73.0 | 2.0 | 0.0 | . | 696 |
| C-99R | 10/20 | 5039 | 75.5 | 2.5 | 0.0 | . | 714 |
| Georgia Green | 10/20 | 4943 | 76.5 | 3.0 | 0.0 | . | 742 |
| C724-19-25 ² | 10/20 | 4688 | 76.0 | 2.0 | 0.5 | . | 556 |
| Georgia-02C | 10/20 | 4588 | 77.5 | 3.0 | 0.0 | . | 756 |
| York | 10/20 | 3961 | 74.0 | 3.0 | 0.0 | . | 873 |
| Average | 10/20 | 5469 ³ | 76.3 | 2.3 | 0.1 | . | 685 |
| LSD at 10% Level | | 603 | 1.9 | 1.1 | 0.5 | | 83 |
| Std. Err. Of Entry Mean | | 258 | 0.8 | 0.5 | 0.2 | | 35 |
| <u>Virginia Types</u> | | | | | | | |
| Georgia-08V | 10/20 | 6285 | 77.5 | 1.0 | 0.5 | 61.0 | 479 |
| Perry | 10/04 | 5528 | 72.5 | 2.0 | 0.0 | 45.0 | 593 |
| Georgia-05E | 10/20 | 5323 | 80.5 | 1.5 | 0.0 | 57.5 | 652 |
| CHAMPS | 10/04 | 5234 | 73.0 | 1.5 | 1.0 | 54.0 | 471 |
| CRSP 895 ² | 10/20 | 5123 | 71.0 | 3.0 | 0.5 | 48.0 | 686 |
| NC-V 11 | 10/04 | 4244 | 72.5 | 1.5 | 0.0 | 42.0 | 631 |
| Gregory | 10/04 | 4243 | 70.5 | 1.0 | 1.0 | 59.5 | 608 |
| Georgia Hi-O/L | 10/04 | 4146 | 77.5 | 1.5 | 1.0 | 55.0 | 540 |
| Average | 10/10 | 5016 ³ | 74.4 | 1.6 | 0.5 | 52.8 | 582 |
| LSD at 10% Level | | 603 | 1.9 | 1.1 | 0.5 | 5.5 | 83 |
| Std. Err. Of Entry Mean | | 258 | 0.8 | 0.5 | 0.2 | 2.0 | 35 |

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Irrigated (Continued)**

1. Advanced Georgia breeding line.
2. Advanced USDA breeding line.
3. CV = 11.8% and df for EMS = 140.

Planted: May 28, 2008.

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

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

Soil Test: P = Very High, K = Very High, and pH = 6.7.

Soil Type: Tifton loamy sand.

Previous Crop: Corn.

Management: Moldboard plowed and rototilled; Prowl, Roundup, Valor, Gramoxone, Storm, Post Plus, and Butyrac used for weed control; Chlorothalonil and Folicur used for disease control; irrigated 10 inches.

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

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Nonirrigated**

| Variety | Digging | Yield lb/A | TSMK % | OK % | DK % | ELK % | Seed no./lb |
|-------------------------|---------|-------------------|-----------|---------|---------|----------|----------------|
| | Date | | | | | | |
| <u>Runner Types</u> | | | | | | | |
| Georgia-07W | 10/20 | 4559 | 78.5 | 2.0 | 0.0 | . | 812 |
| Florida-07 | 10/20 | 4507 | 73.0 | 2.0 | 0.0 | . | 626 |
| CRSP 702 ² | 10/20 | 4240 | 72.5 | 3.5 | 0.0 | . | 833 |
| Georgia-06G | 10/20 | 4207 | 77.0 | 2.0 | 1.5 | . | 741 |
| AP-4 | 10/20 | 4100 | 75.5 | 3.0 | 0.5 | . | 754 |
| C724-19-25 ² | 10/20 | 4086 | 77.5 | 1.5 | 0.0 | . | 714 |
| GA 052529 ¹ | 10/20 | 4085 | 78.5 | 4.0 | 0.0 | . | 830 |
| C-99R | 10/20 | 4045 | 76.0 | 2.0 | 0.0 | . | 697 |
| GA 032902 ¹ | 10/20 | 4029 | 76.5 | 3.0 | 0.5 | . | 900 |
| AP-3 | 10/20 | 4014 | 72.5 | 2.5 | 0.0 | . | 784 |
| GA 032913 ¹ | 10/20 | 4010 | 76.5 | 3.0 | 0.0 | . | 846 |
| Georgia-03L | 10/20 | 3934 | 71.5 | 3.0 | 0.0 | . | 765 |
| Georgia-02C | 10/20 | 3911 | 78.0 | 2.5 | 0.5 | . | 822 |
| McCloud | 10/20 | 3866 | 75.5 | 2.5 | 0.5 | . | 733 |
| AT-3081R | 10/20 | 3814 | 73.0 | 3.5 | 0.0 | . | 897 |
| Tifguard | 10/20 | 3781 | 76.5 | 2.5 | 0.5 | . | 763 |
| Georgia Greener | 10/20 | 3645 | 77.5 | 3.0 | 0.0 | . | 760 |
| AT-3085RO | 10/20 | 3617 | 75.5 | 2.0 | 0.0 | . | 790 |
| Georgia Green | 10/20 | 3562 | 74.0 | 5.0 | 0.0 | . | 985 |
| Georgia-01R | 10/20 | 3560 | 76.5 | 2.5 | 0.5 | . | 754 |
| York | 10/20 | 3305 | 72.5 | 4.0 | 0.0 | . | 934 |
| Average | 10/20 | 3946 ³ | 75.5 | 2.8 | 0.2 | . | 797 |
| LSD at 10% Level | | 455 | 1.9 | 1.2 | 0.9 | | 107 |
| Std. Err. Of Entry Mean | | 194 | 0.8 | 0.5 | 0.4 | | 45 |
| <u>Virginia Types</u> | | | | | | | |
| Georgia-08V | 10/20 | 4167 | 75.5 | 1.0 | 2.0 | 51.0 | 545 |
| Georgia-05E | 10/20 | 4006 | 78.0 | 2.5 | 0.5 | 35.5 | 778 |
| CHAMPS | 10/20 | 3986 | 74.0 | 1.0 | 1.0 | 35.5 | 587 |
| Perry | 10/20 | 3827 | 74.0 | 1.5 | 1.0 | 41.5 | 665 |
| CRSP 895 ² | 10/20 | 3663 | 73.0 | 2.5 | 0.0 | 37.0 | 812 |
| Georgia Hi-O/L | 10/20 | 3653 | 77.0 | 1.5 | 2.0 | 38.5 | 645 |
| Gregory | 10/20 | 3566 | 70.5 | 1.0 | 2.5 | 48.5 | 580 |
| NC-V 11 | 10/20 | 3555 | 72.5 | 1.5 | 1.5 | 28.5 | 735 |
| Average | 10/20 | 3803 ³ | 74.3 | 1.6 | 1.3 | 39.5 | 668 |
| LSD at 10% Level | | 455 | 1.9 | 1.2 | 0.9 | 6.9 | 107 |
| Std. Err. Of Entry Mean | | 194 | 0.8 | 0.5 | 0.4 | 2.6 | 45 |

**Midville, Georgia:
Yield and Grade Performance
Peanut Variety Trial, 2008, Nonirrigated (Continued)**

1. Advanced Georgia breeding line.
 2. Advanced USDA breeding line.
 3. CV = 12.2% and df for EMS = 140.
- Planted: May 28, 2008.
- Seeding Rate: 6 seed/row foot in 38" rows.
- Fertilization: 0 lb/ N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb/acre gypsum.
- Soil Test: P = Medium, K = High, and pH = 6.1.
- Soil Type: Tifton loamy sand.
- Previous Crop: Fallow.
- Management: Moldboard plowed and rototilled; Prowl, Roundup, Valor, Gramoxone, Storm, and Post Plus used for weed control; Chlorothalonil and Folicur used for disease control.

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