



UNIVERSITY OF GEORGIA

EXTENSION

2000 Peanut, Cotton and Tobacco Performance Tests

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Preface

This research report presents the results of the 2000 statewide performance tests of peanut, cotton and tobacco. The tests for various evaluations were conducted at several or all of the following locations: Tifton, Plains and Midville in the Coastal Plain region and Athens in the Piedmont region. For identification of the test site locations, consult the map below.

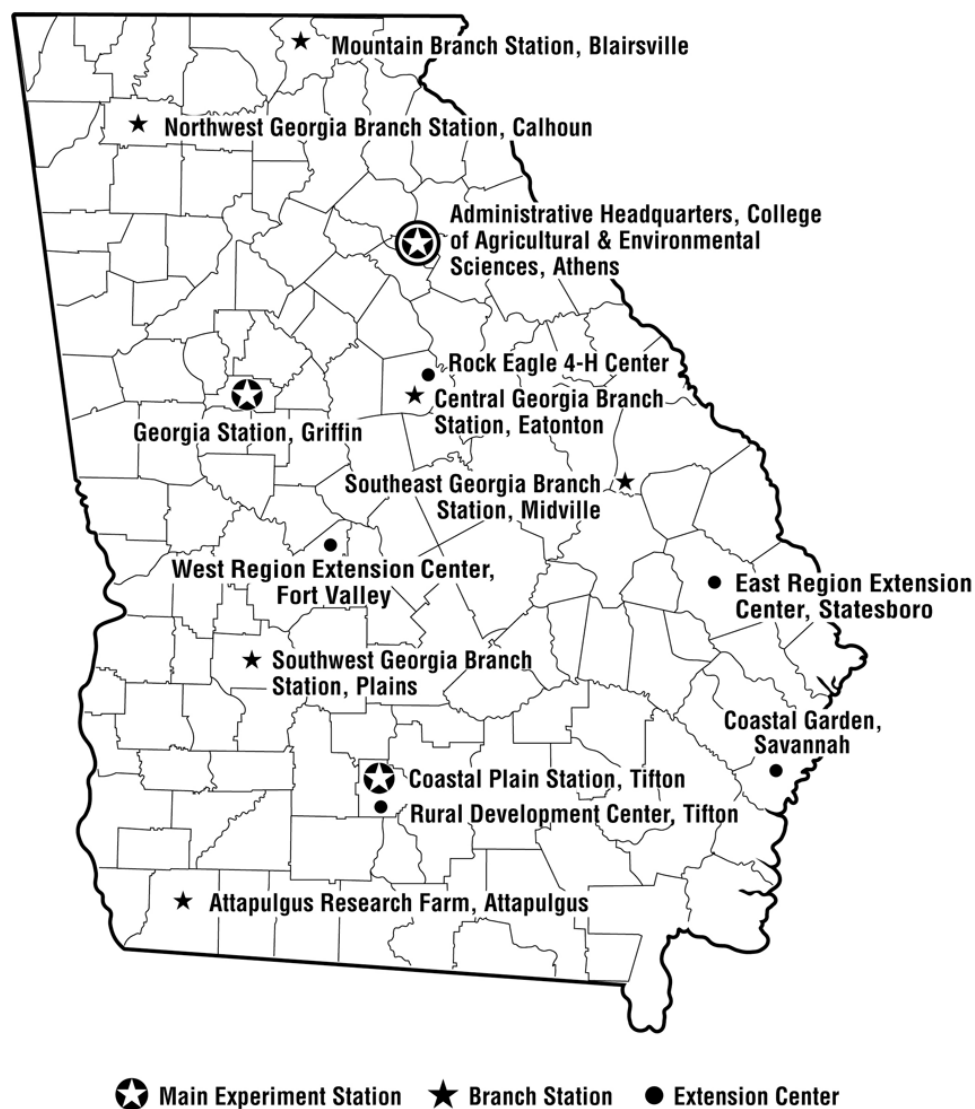
Agronomic information such as plant height, lodging, disease occurrence, etc., is listed along with the yield data. Information concerning planting and harvest dates, soil type and culture, and fertilization practices used in each trial is included in footnotes.

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the trials; but this does not imply that all are recommended for Georgia. Varieties best suited to a specific area or for a particular purpose, and agreed upon by College of Agricultural and Environmental Sciences agronomists, are presented in the 2001 Spring Planting Schedule for Georgia (available from your county extension office). Pesticides used for production practices are included for the benefit of the reader and do not imply any endorsement or preferential treatment by the University of Georgia Agricultural Experiment Station. For additional information, contact your local county extension agent or the nearest experiment station.

The least significant difference (LSD) at the 5 percent level has been included in the tables to aid in comparing hybrids. If the yields of any two hybrids differ by the LSD value or more, they may be considered different in yield ability.

This report is one of five publications presenting the 2000 performance of agronomic crops in Georgia. For more information concerning other crops, refer to one of the following research reports: 2000 Corn Performance Tests (Report 668), 1999-2000 Small Grains Performance Tests (Report 666), 1999-2000 Canola Performance Tests (Report 667), and 2000 Soybean, Sorghum Grain and Silage, Grain Millet, Sunflower and Summer Annual Performance Tests (Report 670).

This report, along with performance test information on other crops, is also available at our web site www.swvt.uga.edu Additional information may be obtained by writing J. LaDon Day, Crop and Soil Sciences Department, University of Georgia, Georgia Station, Griffin, GA 30223-1797.



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Contributors

The following individuals contributed to the gathering of data and to the preparation of this report: M. Flynn, M. Gilmer, D. Gresham, G. Henderson, C. Hester, M. Pippin and W. Tucker.

The Season

For the third consecutive year, Georgia farmers' fields were extremely dry with above normal temperatures at the beginning of the spring planting season. Growing conditions did not improve during 2000 as low rainfall and very high temperatures occurred across the state. Georgia producers struggled trying to get acceptable stands in dry soils and, except where irrigation was used, the planting season lagged behind the normal pace.

The severe drought that Georgia experienced during 1998 and 1999 continued throughout the 2000 growing season. Rainfall at the six Georgia test sites is listed in the table below. Total seasonal rainfall amounts were below normal for the third consecutive year. The least amount of rainfall occurred across the Piedmont region and middle of the state, with one site receiving only about half (58%) of long-term average.

For the year 2000, the irrigated crops were generally good, but more than normal irrigation was needed. Most areas experienced water shortages and long periods of very high temperatures at critical crop development stages.

Georgia farmers continue to reduce planted acres of some row crops. Peanut and tobacco acres were 507,000 and 30,000 — or a reduction of 7 percent and 9 percent, respectively, from 1999. Cotton acreage remained steady for the year at 1.3 million. Farmers continue to search for drought tolerant crops.

Overall, the 2000 growing season was extremely difficult for farmers. For example, even with irrigation on cotton, the extremely high temperatures reduced state irrigated average of cotton lint yield to under 1,000 pounds per acre for the first time on record. Tobacco Mosaic Virus was a serious problem in some tobacco fields. Peanut farmers continue to experience damage from Tomato Spotted Wilt Virus in their peanut fields.

The harvest season began earlier than normal due to early frost and a very dry October and

November. Peanut production increased 1 percent due to an 8-percent increase in average yield over 1999. Tobacco and cotton yields increased 19 percent and 3 percent, which produced 8 percent and 3 percent more than 1999, respectively.

2000 Rainfall¹				
Month	Athens²	Midville	Plains	Tifton
	----- inches -----			
March	3.12	4.83	5.72	4.72
April	1.77	0.85	1.24	1.32
May	1.29	1.18	0.31	0.03
June	2.46	3.30	5.32	2.99
July	2.48	2.45	3.49	3.76
August	3.26	2.23	4.01	2.04
September	4.13	5.85	4.52	8.38
October	0.18	0.57	0.45	1.11
<i>Total</i>	<i>18.69</i>	<i>21.26</i>	<i>25.06</i>	<i>24.35</i>
<i>Normal (8 mo)</i>	<i>32.26</i>	<i>31.17</i>	<i>31.99</i>	<i>32.72</i>
¹ Data provided in part by Dr. G. Hoogenboom, Georgia Station, Griffin, GA. ² Plant Sciences Farm.				

PEANUT

Tifton, Georgia

Yield and Grade Performance Peanut Variety Trial, 2000, Irrigated Tifton, Georgia								
Variety	Digging Date	Yield		TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)
		(lb/a)	W-DMRT ¹					
Spanish Types								
Georgia Browne	08/28	3744	a	73.3	4.3	0.1	9.8	1050
GA 982503 ²	08/28	3186	b	74.5	3.7	0.5	13.3	1022
GA 982502 ²	08/28	3100	b	72.9	4.4	0.3	14.0	1057
Tamspan 90	08/07	2696	c	68.0	4.1	0.5	7.4	1055
TX 962120	08/07	2036	de	66.4	5.2	0.6	7.3	1123
Pronto	08/07	2004	de	71.1	3.1	0.8	10.2	1031
Spanco	08/07	1970	de	67.2	4.5	2.1	11.4	999
Average	08/16	2677		70.5	4.2	0.7	10.5	1048
Valencia Types								
Georgia Valencia	08/07	2218	d	62.7	4.4	3.3	15.0	853
Georgia Red	08/07	1865	e	67.9	4.0	0.9	13.4	904
N.M. Valencia C	07/27	1482	f	60.2	6.2	2.6	1.6	1106
Valencia McRan	07/27	1468	f	60.1	8.0	1.2	0.9	1194
N.M. Valencia A	07/27	1429	f	59.0	7.3	2.2	1.4	1145
Average	07/31	1692		62.0	6.0	2.0	6.5	1040
¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability. ² Advanced Georgia Breeding Line.								
Planted:	April 11, 2000.							
Fertilization:	Applied 3.5 lb/a Solubor and 1500 lb/a gypsum.							
Soil Type/Test:	Tifton loamy sand; pH = 6.3, P ₂ O ₅ = 30, K ₂ O = 139, Ca = 580, Mg = 54 lb/a.							
Management:	Treated with Sonalan + Dual, Temik, Basagran, Poast, Folicur (3 sprays), Abound (2 sprays), and Lannate (1 spray).							
Digging Date:	July 27	Aug. 7	Aug. 28					
Rainfall (in.):	7.56	10.18	11.64					
Irrigation (in.):	10.73	10.73	12.53					
Total (in.):	18.29	20.91	24.17					
Note:	Tomato spotted wilt virus (TSWV) disease pressure was very high.							
Runner Types								
GA 982508 ²	09/11	5175	a	77.4	1.8	0.1	.	673
GA 962533 ²	09/11	4992	ab	74.2	1.2	0.2	.	623
Georgia Hi-O/L	09/11	4795	ab	75.4	0.7	1.3	.	521
Georgia Green	09/11	4681	bcd	77.4	2.0	0.8	.	755
GA 942511 ²	09/21	4520	bcdef	78.6	1.4	0.2	.	628
GA 962540 ²	09/21	4206	defg	76.8	1.6	0.4	.	779

VirusGard	08/23	4141	efgh	73.6	3.0	0.4	.	611
C-99R	09/21	4122	fgh	75.4	2.3	0.1	.	665
AgraTech 1-1	08/23	3845	ghi	67.2	6.6	0.2	.	828
Georgia Bold	09/11	3671	hij	75.7	2.1	0.9	.	690
AgraTech 201	09/11	3463	ijkl	77.0	1.9	0.5	.	643
Southern Runner	09/21	3395	ijkl	73.6	3.4	0.2	.	819
Florida MDR 98	09/21	3316	jkl	76.1	2.2	0.5	.	667
GK-7 High Oleic	09/11	3060	klm	74.6	3.0	0.6	.	657
Andru 93	08/23	2711	mn	66.1	8.5	0.4	.	771
Tamrun 98	08/31	2453	no	69.3	5.5	1.9	.	727
COAN	08/31	2010	o	68.6	7.0	1.2	.	840
<i>Average</i>	<i>09/09</i>	<i>3797</i>		<i>73.9</i>	<i>3.2</i>	<i>0.6</i>	.	<i>700</i>

Virginia Types

GA 942516 ²	09/21	4862	ab	76.9	0.8	0.2	55.7	549
Gregory	09/11	4706	abc	70.4	0.4	2.2	57.4	425
VA-C 92R	09/11	4616	bcde	70.3	1.1	1.6	49.2	462
VA 98R	08/31	4240	cdefg	71.4	1.1	1.7	42.9	489
NC 12C	08/31	3713	hij	69.2	1.1	3.3	50.5	469
NC-V 11	08/31	3543	ijk	68.6	1.5	2.1	48.1	486
NC 7	08/31	3017	lm	67.8	1.2	2.8	42.1	491
<i>Average</i>	<i>09/06</i>	<i>4100</i>		<i>70.7</i>	<i>1.0</i>	<i>2.0</i>	<i>49.4</i>	<i>482</i>

¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability.

² Advanced Georgia Breeding Line.

Planted:	April 19, 2000.							
Fertilization:	Applied 3.5 lb/a Solubor and 1500 lb/a gypsum.							
Soil Type/Test:	Tifton loamy sand; pH = 6.2, P ₂ O ₅ = 44, K ₂ O = 110, Ca = 579, Mg = 43 lb/a.							
Management:								
Digging Dates:	Aug. 23	Aug. 31	Sept. 11	Sept. 21				
Rainfall (in.):	11.39	11.49	18.60	20.68				
Irrigation (in.):	14.80	16.30	18.10	18.10				
Total (in.):	26.19	27.79	36.70	38.78				
Note:	Tomato spotted wilt virus (TSWV) disease pressure was very high.							

Yield and Grade Performance Peanut Variety Trial, 2000, Nonirrigated Tifton, Georgia

Variety	Digging Date	Yield		TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)	
		(lb/a)	W-DMRT ¹						

Runner Types								
GA 982508 ²	10/05	3370	a	76.9	2.0	0.5	.	742
Georgia Green	10/05	3070	ab	74.7	2.9	2.1	.	834
GA 942511 ²	10/05	2940	abc	74.2	2.9	1.0	.	647
GA 962533 ²	10/05	2847	abcd	71.1	2.3	1.4	.	713
Georgia Hi-O/L	10/05	2818	abcd	71.9	1.4	5.1	.	619
ViruGard	08/31	2504	bcde	61.8	9.1	0.5	.	810
C-99R	10/05	2474	bcde	72.5	2.8	0.9	.	659
AgraTech 1-1	08/31	2375	cdef	63.1	9.0	0.4	.	1043
Georgia Bold	10/05	2320	cdef	72.5	3.9	1.3	.	796
AgraTech 201	10/05	2267	def	72.8	4.7	1.9	.	822
Florida MDR 98	10/05	2148	efg	73.2	2.1	2.3	.	691
Southern Runner	10/05	2051	efg	71.3	3.4	1.0	.	853
GA 962540 ²	10/05	2038	efg	74.1	2.8	1.6	.	711
Andru 93	08/31	1864	efg	59.5	10.7	1.0	.	913
GK-7 High Oleic	10/05	1203	hij	67.9	4.1	3.1	.	766
Tamrun 98	10/05	1062	ij	68.2	5.1	4.6	.	796
COAN	10/05	588	j	60.7	11.8	1.8	.	999
<i>Average</i>	<i>09/29</i>	<i>2232</i>		<i>69.8</i>	<i>4.8</i>	<i>1.8</i>	.	<i>789</i>
Virginia Types								
GA 942516 ²	10/05	3312	a	75.3	1.3	0.5	49.8	580
NC 12C	10/05	2052	efg	68.3	1.0	6.3	41.9	518
Gregory	10/05	1741	fgh	64.1	1.2	9.8	33.3	463
NC-V 11	10/05	1526	ghi	67.8	1.7	5.6	33.5	539
VA-C 92R	10/05	997	ij	64.8	1.5	8.8	26.2	534
NC 7	10/05	908	ij	65.7	3.5	4.9	25.9	584
VA 98R	10/05	872	j	63.5	3.5	7.7	17.5	650
<i>Average</i>	<i>10/05</i>	<i>1630</i>		<i>67.1</i>	<i>2.0</i>	<i>6.2</i>	<i>32.6</i>	<i>553</i>
¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability. ² Advanced Georgia Breeding Line.								
Planted:	April 20, 2000.							
Fertilization:	Applied 3.5 lb/a Solubor and 1500 lb/a gypsum.							
Soil Type/Test:	Tifton loamy sand; pH = 6.5, P ₂ O ₅ = 72, K ₂ O = 192, Ca = 536, Mg = 74 lb/a.							
Management:	Treated with Sonalan + Dual, Temik, Basagran, Poast, Folicur (4 sprays), Abound (2 sprays), and Lannate (1 spray).							
Rainfall (in.):	Aug. 31	Oct. 5						
	11.49	23.64						
Note:	Drought stress occurred early and late during the growing season. However, over 12 inches of rainfall were recorded in September.							

Plains, Georgia

Yield and Grade Performance Peanut Variety Trial, 2000, Irrigated Plains, Georgia								
Variety	Digging Date	Yield		TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)
		(lb/a)	W-DMRT ¹					
Runner Types								
GK-7 High Oleic	09/15	5214	a	72.0	5.0	0.0	.	684
GA 982508 ²	09/15	5066	ab	74.0	4.5	0.0	.	760
GA 962533 ²	09/15	5032	abc	69.0	6.5	0.0	.	640
Georgia Hi-O/L	09/15	4509	bcde	71.0	4.0	1.5	.	608
GA 942511 ²	09/25	4477	bcde	73.5	4.0	0.5	.	706
AgraTech 201	09/15	4443	bcde	72.0	5.5	1.0	.	718
Georgia Green	09/15	4083	efg	70.5	5.5	0.0	.	791
GA 962540 ²	09/25	4057	efg	72.5	5.0	0.5	.	886
ViruGard	09/11	4053	efg	67.0	6.5	0.5	.	635
Florida MDR98	09/25	3908	efg	74.0	4.0	1.0	.	661
Southern Runner	09/25	3859	efg	70.5	6.0	0.5	.	801
C-99R	09/25	3602	fgh	72.5	5.0	0.0	.	679
AgraTech 1-1	09/11	3573	ghi	66.0	7.5	0.5	.	797
Georgia Bold	09/15	3012	hijk	71.0	6.5	0.0	.	681
Andru 93	09/11	2903	ijk	66.5	7.5	0.0	.	746
COAN	09/15	2850	jk	69.0	7.5	0.0	.	762
Tamrun 98	09/11	2530	k	67.0	6.5	0.5	.	796
Average	09/17	3951		70.5	5.7	0.4	.	726
Virginia Types								
GA 942516 ²	09/25	4914	abcd	73.5	2.5	0.5	42.0	631
Gregory	09/11	4377	cde	66.5	3.5	0.5	40.5	456
NC 12C	09/11	4273	def	67.0	3.5	2.0	36.5	553
NC-V 11	09/11	4037	efg	68.0	3.5	1.5	37.5	532
VA-C 92R	09/15	3517	ghij	68.0	3.5	0.0	29.5	499
VA 98R	09/11	3140	hijk	64.5	5.5	3.5	25.5	544
NC 7	09/11	2502	k	65.0	4.0	2.0	34.5	564
Average	09/14	3823		67.5	3.7	1.4	35.1	540
¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability. ² Advanced Georgia Breeding Line.								

Planted:	May 4, 2000.							
Fertilization:	9 lb N, 54 lb P ₂ O ₅ , and 27 lb K ₂ O.							
Soil Type/Test:	Greenville sandy clay loam; P = Medium, K = High, and pH = 6.0.							
Previous Crop:	Corn.							
Management:	Subsoiled and rototilled; Sonalan and Dual used for weed control; Orthene used for insect control; Bravo (2 sprays) and Folicur (4 sprays) used for disease control.							
	April	May	June	July	August	Sept.		
Rainfall (in.):	1.20	0.30	5.30	3.50	4.00	4.50		
Irrigation (in.):	0	2.70	1.00	1.00	1.00	0		
Total (in.):	1.20	3.00	6.30	4.50	5.00	4.50		
Note:	CBR was severe late in growing season.							

Yield and Grade Performance Peanut Variety Trial, 2000, Nonirrigated Plains, Georgia								
Variety	Digging Date	Yield		TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)
		(lb/a)	W-DMRT ¹					
Runner Types								
GA 942511 ²	09/23	5067	ab	74.5	4.0	0.0	.	643
Georgia Green	09/15	5025	ab	72.0	5.5	0.0	.	796
GA 962533 ²	09/15	4985	bc	69.5	3.0	0.5	.	666
Georgia Hi-O/L	09/15	4872	bcd	69.0	5.5	1.5	.	615
GA 982508 ²	09/15	4753	bcde	71.5	4.5	0.0	.	782
AgraTech 201	09/15	4753	bcde	70.5	6.0	0.5	.	732
GK-7 High Oleic	09/15	4581	bcdef	71.0	5.0	0.0	.	704
AgraTech 1-1	09/11	4396	cdefgh	66.5	7.0	0.0	.	838
Southern Runner	09/23	4281	defgh	72.5	4.5	0.0	.	854
C-99R	09/23	4132	efgh	73.0	4.5	0.5	.	735
ViruGard	09/11	4112	fgh	67.5	6.5	1.0	.	651
GA 962540 ²	09/23	4040	fgh	71.0	5.0	1.0	.	759
Florida MDR98	09/23	4032	fghi	71.5	4.5	0.0	.	708
Georgia Bold	09/15	3837	hij	69.0	6.0	0.0	.	702
Andru 93	09/11	3207	kl	66.0	6.5	1.5	.	722
COAN	09/15	2984	kl	69.0	6.5	0.0	.	764
Tamrun 98	09/11	2775	l	66.0	7.0	0.5	.	708
Average	09/17	4225		70.0	5.4	0.4	.	728
Virginia Types								
GA 942516 ²	09/23	5612	a	75.0	2.5	1.0	42.0	599

Gregory	09/11	4513	bcdefg	66.0	4.0	1.5	40.0	490
NC-V 11	09/11	4053	fgh	67.0	4.0	1.0	40.0	515
VA-C 92R	09/15	3914	ghi	66.5	2.5	1.0	35.0	480
NC 12C	09/11	3858	hij	66.5	4.0	1.0	41.0	513
VA 98R	09/11	3409	ijk	66.5	4.0	1.0	37.0	523
NC 7	09/11	3242	jkl	66.5	4.0	1.0	40.5	468
<i>Average</i>	<i>09/13</i>	<i>4086</i>		<i>67.7</i>	<i>3.6</i>	<i>1.1</i>	<i>39.4</i>	<i>512</i>

¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability.

² Advanced Georgia Breeding Line.

Planted:	May 4, 2000.							
Fertilization:	9 lb N, 54 lb P ₂ O ₅ , and 27 lb K ₂ O.							
Soil Type/Test:	Greenville sandy clay loam; P = Medium, K = High, and pH = 6.0.							
Previous Crop:	Corn.							
Management:	Subsoiled and rototilled; Sonalan and Dual used for weed control; Orthene used for insect control; Bravo (2 sprays) and Folicur (4 sprays) used for disease control.							
	April	May	June	July	August	Sept.		
Rainfall (in.):	1.20	0.30	5.30	3.50	4.00	4.50		
Note:	CBR was severe late in growing season.							

Midville, Georgia

Yield and Grade Performance Peanut Variety Trial, 2000, Irrigated Midville, Georgia									
Variety	Digging Date	Yield			TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)
		(lb/a)	W-DMRT ¹						
Runner Types									
GA 962533 ²	09/29	5700	a	71.5	4.0	0.0	.	618	
GA 982508 ²	09/29	5647	a	73.0	5.5	1.0	.	707	
GA 942511 ²	10/12	5592	a	72.5	4.5	0.5	.	715	
C-99R	10/12	5292	ab	72.5	4.5	0.5	.	673	
Southern Runner	10/12	4768	bcd	70.0	7.0	0.0	.	782	
Florida MDR98	10/12	4693	bcde	72.5	6.0	0.5	.	655	
Georgia Green	09/29	4464	cdef	71.0	7.0	0.0	.	618	
Georgia Bold	09/29	4124	defg	73.5	3.5	0.5	.	707	
AgraTech 201	09/29	4067	defg	71.5	6.5	1.0	.	630	
GA 962540 ²	10/12	3950	efg	72.5	5.0	0.5	.	750	
Georgia Hi-O/L	09/29	3838	fgh	68.5	7.0	2.0	.	486	
GK-7 High Oleic	09/29	3627	ghi	71.0	4.0	2.0	.	656	

Andru 93	09/29	3436	ghi	72.0	5.5	0.0	.	640
AgraTech 1-1	09/29	3034	ijk	71.0	5.5	1.5	.	734
ViruGard	09/29	2591	jkl	72.0	4.5	1.5	.	633
Tamrun 98	09/29	2185	l	71.0	5.5	0.5	.	630
COAN	09/29	2005	l	69.0	7.0	1.5	.	607
<i>Average</i>	<i>10/03</i>	<i>4059</i>		<i>71.5</i>	<i>5.4</i>	<i>0.8</i>	.	<i>661</i>

Virginia Types

GA 942516 ²	10/12	4954	abc	73.0	3.5	0.0	47.0	622
NC 12C	09/29	3860	fgh	70.0	2.5	1.5	40.5	418
VA-C 92R	09/29	3812	fghi	68.5	3.0	2.5	36.0	462
Gregory	09/29	3689	ghi	67.5	4.0	2.5	40.0	459
NC-V 11	09/29	3492	ghi	71.0	2.0	2.5	33.0	472
VA 98R	09/29	3130	hij	70.5	4.0	2.0	39.5	509
NC 7	09/29	2333	kl	68.5	2.5	2.5	35.5	477
<i>Average</i>	<i>10/01</i>	<i>3610</i>		<i>69.9</i>	<i>3.1</i>	<i>1.9</i>	<i>38.8</i>	<i>488</i>

¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability.

² Advanced Georgia Breeding Line.

Planted:	May 12, 2000.							
Fertilization:	0 lb N, 0 lb P ₂ O ₅ , and 0 lb K ₂ O.							
Soil Type/Test:	Dothan loamy sand; P = Very High, K = High, and pH = 6.3							
Previous Crop:	Cotton.							
Management:	Moldboard plowed and rototilled; Sonalan, Dual, Starfire and Storm used for weed control; Temik used for insect control; Bravo (4 sprays) and Folicur (3 sprays) used for disease control.							
	May	June	July	August	Sept.			
Rainfall (in.):	1.18	3.30	2.56	2.98	5.85			
Irrigation (in.):	4.00	4.00	4.55	6.00	0			
Total (in.):	5.18	7.30	7.11	8.98	5.85			

Yield and Grade Performance Peanut Variety Trial, 2000, Nonirrigated Midville, Georgia

Variety	Digging Date	Yield		TSMK (%)	OK (%)	DK (%)	ELK (%)	Seed (no./lb)
		(lb/a)	W-DMRT ¹					
Runner Types								
GA 942511 ²	11/13	4767	a	70.5	4.5	1.0	.	652
GA 962533 ²	10/30	4406	ab	72.5	3.0	1.0	.	672
GA 982508 ²	10/30	4326	abc	75.0	3.5	0.0	.	690
Georgia Green	10/30	4161	abcd	75.5	4.0	0.5	.	859

GK-7 High Oleic	10/30	4077	bcde	73.5	3.5	0.5	.	668
C-99R	11/13	3937	bcdef	73.5	4.0	0.0	.	639
Georgia Bold	10/30	3800	bcdefg	75.0	3.0	1.0	.	671
Georgia Hi-O/L	10/30	3705	bcdefgh	74.5	2.5	1.0	.	606
Southern Runner	11/13	3691	cdefgh	69.5	5.5	0.5	.	710
Andru 93	10/12	3675	cdefgh	69.0	7.0	0.5	.	618
AgraTech 201	10/30	3586	defghi	73.0	4.0	0.5	.	679
Florida MDR98	11/13	3525	defghi	69.0	6.5	1.0	.	627
Tamrun 98	10/12	3439	efghij	64.5	8.5	0.5	.	686
AgraTech 1-1	10/12	3248	ghijkl	67.0	6.5	0.5	.	710
VirusGard	10/12	3078	hijkl	69.0	6.0	1.0	.	607
GA 962540 ²	11/13	2829	jklm	73.0	4.0	0.5	.	695
COAN	10/30	2730	klm	72.0	4.5	1.0	.	826
<i>Average</i>	<i>10/30</i>	<i>3705</i>		<i>71.5</i>	<i>4.7</i>	<i>0.6</i>	.	<i>683</i>
Virginia Types								
VA-C 92R	10/30	3739	bcdefg	74.0	0.5	2.5	36.0	522
GA 942516 ²	11/13	3389	fghijk	72.0	2.0	1.0	36.0	574
VA 98R	10/12	3347	fghijkl	63.0	5.5	2.0	32.0	557
Gregory	10/12	3003	ijklm	65.0	5.0	2.0	35.0	477
NC-V 11	10/12	2702	lm	65.0	3.5	1.0	43.5	480
NC 12C	10/12	2689	lm	66.5	5.5	2.5	39.0	486
NC 7	10/12	2369	m	63.5	4.0	1.0	37.5	498
<i>Average</i>	<i>10/19</i>	<i>3034</i>		<i>67.0</i>	<i>3.7</i>	<i>1.7</i>	<i>37.0</i>	<i>513</i>
¹ Waller-Duncan Multiple Range Tests: Yields within the same column followed by the same letter do not differ significantly at the 0.05 level of probability.								
² Advanced Georgia Breeding Line.								
Planted:	May 31, 2000.							
Fertilization:	0 lb N, 0 lb P ₂ O ₅ , and 0 lb K ₂ O.							
Soil Type/Test:	Dothan loamy sand; P = Very High, K = High, and pH = 6.3.							
Previous Crop:	Cotton.							
Management:	Moldboard plowed and rototilled; Sonalan, Dual, Starfire and Storm used for weed control; Temik used for insect control; Bravo (4 sprays) and Folicur (3 sprays) used for disease control.							
	May	June	July	August	Sept.			
Rainfall (in.):	1.18	3.30	2.56	2.98	5.85			

COTTON

Tifton, Georgia

**Earlier Maturity Cotton Variety Performance, 2000, Irrigated
Tifton, Georgia**

Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
PSC355	816	43.6	82.8	1.03	31.1	5.4
8839_3_10_2	794	42.4	83.3	1.07	29.3	5.4
SG125BR	780	40.2	81.0	0.99	27.2	5.2
8806_3_2_19	776	42.8	82.7	1.04	31.1	5.3
ST4691B	773	43.9	81.9	1.01	29.8	5.3
PSCGA161	772	38.8	83.6	1.11	32.1	4.6
PM1560BG	746	44.0	81.8	0.99	30.7	5.8
AP9257	742	42.1	81.7	1.03	29.6	5.4
ST4892BR	739	43.0	82.2	1.04	30.0	5.4
DP451BRR	739	39.2	82.5	1.06	27.8	5.0
SG747	735	42.2	83.4	1.06	27.4	4.7
SS9901	734	40.7	81.9	1.04	29.6	5.2
SG501BR	729	40.2	83.7	1.03	32.8	5.0
ST474	726	43.4	81.6	1.00	29.0	5.5
AP1500RR	719	41.4	81.4	1.01	29.4	4.9
FM958	715	43.9	84.2	1.11	32.4	5.0
DP436RR	715	40.0	82.7	1.05	27.9	5.0
SS9907	697	42.7	81.3	0.99	31.1	6.1
DP428B	676	38.5	82.9	1.07	26.5	4.5
ST4793R	664	44.1	81.5	0.97	29.7	5.6
BXN47	664	43.4	82.5	1.08	29.6	5.0
AP7115	659	41.9	82.5	1.03	29.3	4.5
DP425RR	653	41.6	81.0	0.99	28.0	5.3
GAVILAN	620	43.4	83.5	1.07	30.6	4.6
SG105	619	42.8	81.9	1.03	30.8	5.5
CONDOR	607	40.4	81.4	1.01	29.2	5.4
PM1218BR	264	44.8	83.2	1.04	29.2	4.7
<i>Average</i>	699					
<i>LSD 0.10</i>	93	-	NS	NS	1.7	NS
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	April 27, 2000.					
Harvested:	September 12, 2000.					
Fertilization:	88 lb N, 54 lb P ₂ O ₅ , and 108 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.60	2.21	3.55	3.74	12.24	0.76

Irrigation (in):		0.75	0.75			
Trials conducted by Larry Thompson, Grant Henderson, and Lloyd May.						

Later Maturity Cotton Variety Performance, 2000, Irrigated Tifton, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
DELTAPEARL	782	44.2	83.4	1.10	31.8	5.5
AP7126	777	42.3	81.7	1.06	30.6	4.9
PSC GA 161	748	40.4	81.0	1.08	32.8	4.9
NUCOTN35B	718	40.5	81.5	1.06	31.2	5.0
DP5415RR	692	40.0	81.3	1.05	30.4	5.1
SG821	681	42.4	82.4	0.98	30.3	5.7
DP5690	678	41.9	80.5	1.00	31.8	5.4
FM989	676	44.9	80.6	0.98	32.0	5.4
PSCGA894	672	41.2	81.0	1.04	33.4	5.2
NUCOTN33B	671	39.3	81.8	1.03	29.4	5.5
FM966	660	45.2	83.4	1.07	35.9	5.0
AP4600RR	658	42.8	81.7	0.96	30.4	4.8
DP458BRR	655	40.6	82.5	1.04	29.6	5.1
PSC952	650	43.7	82.2	1.01	31.6	5.4
DP5690RR	643	41.8	82.4	1.02	32.4	5.4
SS9815	638	41.5	81.8	1.03	29.2	5.0
LIGUR	632	40.8	81.8	1.05	33.0	5.2
DP90RR	631	40.1	80.7	0.99	31.6	5.5
DP5415	630	41.1	80.5	0.99	28.7	5.3
DP655BRR	629	39.6	81.8	1.06	31.9	4.4
ST 580	622	42.0	81.2	1.05	32.1	5.6
PSCHS12	616	39.1	81.9	1.10	30.6	4.6
DP90	615	40.0	81.6	1.03	32.5	5.0
DP675	610	40.7	81.8	1.07	30.7	5.0
AP6101	592	40.6	81.1	1.00	31.3	5.8
PM1560BR	592	40.9	81.8	1.04	30.0	4.7
CALM557	519	41.4	80.6	0.97	29.8	4.7
CALM657	516	43.9	81.1	0.97	31.8	4.6
CALM539	414	42.7	81.1	1.03	31.5	5.1
CALM643	409	39.7	81.6	1.03	33.5	5.0

<i>Average</i>	634					
<i>LSD 0.10</i>	72	-	NS	0.07	2.2	NS
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	April 27, 2000.					
Harvested:	September 12, 2000.					
Fertilization:	88 lb N, 54 lb P ₂ O ₅ , and 108 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.60	2.21	3.55	3.74	12.24	0.76
Irrigation (in):	-	0.75	0.75			
Trials conducted by Larry Thompson, Grant Henderson, and Lloyd May.						

Earlier Maturity Cotton Strains Performance, 2000, Irrigated Tifton, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
PSC355	937	43.8	84.0	1.05	31.5	5.3
ACSIEXP0223	922	45.3	82.2	1.01	30.7	5.2
SS0002	894	43.0	83.2	1.05	28.9	4.8
HCR7357	846	44.4	82.6	1.05	27.7	5.0
SS0001	811	42.5	83.5	1.03	27.4	5.1
SS0003	809	43.3	82.9	1.03	28.8	5.3
SSX022	804	44.5	84.0	1.06	28.2	4.4
HCR7532	790	40.9	81.2	1.03	27.7	5.1
SG150R	778	39.8	83.8	1.03	28.5	3.9
GC106	761	43.3	81.4	1.06	29.0	4.5
SG521R	747	39.6	82.8	1.01	29.8	4.7
94J3	729	39.0	84.9	1.13	31.4	4.7
SSX021	721	45.5	80.9	1.02	28.7	5.2
94L25	479	42.6	83.0	1.13	31.6	4.4
PM1218BRR	302	45.3	83.8	1.04	30.9	4.8
GC108	120	42.5	83.4	1.10	29.1	3.8
<i>Average</i>	<i>716</i>					
<i>LSD 0.10</i>	<i>109</i>	-	<i>1.9</i>	<i>0.07</i>	<i>2.5</i>	<i>0.9</i>
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	April 27, 2000.					
Harvested:	September 12, 2000.					
Fertilization:	88 lb N, 54 lb P ₂ O ₅ , and 108 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.60	2.21	3.55	3.74	12.24	0.76
Irrigation (in):	-	0.75	0.75			
Trials conducted by Larry Thompson, Grant Henderson, and Lloyd May.						

Later Maturity Cotton Strains Performance, 2000, Irrigated Tifton, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
HCR9162	765	39.6	82.5	1.04	32.9	5.4
FMAX989	761	41.4	81.8	1.00	33.6	5.0

ACSIF1000	759	41.8	82.4	1.07	32.2	4.7
DP565	719	40.2	81.3	1.02	29.6	5.4
PD97019	719	40.4	82.9	1.06	31.8	5.0
PD97021	705	39.3	82.8	1.10	30.4	4.8
GA96211	705	38.1	81.7	1.03	32.2	4.9
GC377	701	39.9	81.6	1.10	30.8	5.2
ACSIEXP0781	698	43.9	81.1	0.98	32.3	5.0
STX7G043	696	39.3	82.9	1.04	30.6	4.5
DPX9C84	692	43.1	81.1	1.00	29.0	5.8
GA96153	689	38.0	81.7	1.08	31.2	4.7
94WE37A	686	40.5	83.3	1.13	29.5	4.2
PD97100	681	38.9	82.4	1.05	33.4	4.9
PD97101	680	38.9	81.4	1.01	35.1	5.1
5415RR	680	39.8	80.4	1.04	32.2	5.2
HCR8414	677	39.6	81.4	1.00	33.1	5.4
HCR7163	674	37.5	81.7	1.06	30.9	4.9
HCR8129	667	40.7	80.9	1.01	29.6	5.4
STX7G101	647	39.8	81.5	1.01	31.4	5.0
GA95251	638	41.7	82.7	1.04	33.1	5.0
STX7G104	633	38.8	81.0	1.03	34.0	5.4
PD97047	630	38.9	83.4	1.04	32.7	4.8
GC271	624	37.0	82.2	1.09	32.6	5.2
GC333	594	38.7	81.2	1.02	33.0	4.8
PD97006	554	39.1	81.7	1.01	33.3	4.6
PD97072	539	38.4	81.5	1.04	33.0	5.0
GA95200	524	39.1	82.8	1.06	31.6	5.0
GA95138	490	37.0	81.0	1.02	29.7	4.8
DP6207	416	38.6	83.0	1.05	34.6	4.2
<i>Average</i>	655					
<i>LSD 0.10</i>	94	-	0.03	0.08	3.2	NS
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	April 27, 2000.					
Harvested:	September 12, 2000.					
Fertilization:	88 lb N, 54 lb P ₂ O ₅ , and 108 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.60	2.21	3.55	3.74	12.24	0.76
Irrigation (in):	-	0.75	0.75			
Trials conducted by Larry Thompson, Grant Henderson, and Lloyd May.						

Dryland Cotton Variety Performance, 2000 Tifton, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
DP655BR	752	40.8	80.2	0.99	31.1	5.4
DPL90	721	40.1	81.7	0.96	32.7	5.3
DP458BR	690	42.4	82.0	0.99	29.1	5.6
DP5415RR	687	41.3	82.2	1.00	29.6	5.3
FM989	667	42.8	81.0	1.00	29.7	5.5
PSC355	666	43.8	83.1	1.03	31.5	5.8
DELTAPEARL	662	42.0	82.8	1.08	30.2	5.4
PSCGA894	651	41.1	81.9	1.06	32.8	5.1
PSC952	645	42.6	82.6	0.98	31.6	5.4
ST4691B	632	44.0	82.1	1.00	28.0	5.4
DPNUCOT35B	628	39.1	81.7	1.03	32.4	5.2
SG105	619	41.5	83.3	1.01	32.7	5.4
SG125BR	610	39.7	83.3	0.99	29.3	5.3
DP5690	602	41.4	81.2	1.00	30.2	5.1
SG501BR	596	40.3	82.8	0.99	31.4	5.6
SG821	582	41.5	82.8	1.02	30.1	5.6
SG747	570	43.4	83.0	1.01	28.0	5.3
AP6101	566	39.8	83.2	1.06	31.8	5.7
ST474	564	44.1	81.9	0.98	30.8	5.9
DP5690RR	561	40.6	82.1	0.99	30.8	5.5
DPNUCOT33B	558	39.8	82.4	0.99	28.2	5.3
DPL451BRR	556	38.7	83.0	0.99	26.4	5.4
PM1560BG	516	43.5	82.9	0.98	31.4	5.7
FM966	450	44.3	82.7	1.03	33.5	5.4
Average	615					
LSD 0.10	124	-	1.3	0.04	2.1	0.4
CV	17%	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	April 27, 2000.					
Harvested:	September 12, 2000.					
Fertilization:	88 lb N, 54 lb P ₂ O ₅ , and 108 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.60	2.21	3.55	3.74	12.24	0.76
Trials conducted by Larry Thompson, Grant Henderson, and Lloyd May.						

Plains, Georgia

Earlier Maturity Cotton Variety Performance, 2000, Irrigated Plains, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
ST4793R	1386	42.0	83.6	1.07	27.7	5.2
PM1560BG	1384	40.3	84.1	1.09	28.3	5.4
SS9901	1377	40.5	83.5	1.10	27.3	5.2
SG501BR	1370	39.9	84.4	1.07	28.9	5.1
AP7115	1348	41.5	83.7	1.08	26.6	4.9
PSC355	1341	40.8	84.9	1.13	31.0	5.1
8839_3_10_2	1337	38.8	84.8	1.15	28.3	4.8
ST474	1323	42.6	84.0	1.06	26.4	5.6
PSCGA161	1308	37.6	84.8	1.16	29.4	4.8
ST4691B	1295	41.0	84.4	1.10	26.2	5.0
ST4892BR	1291	40.6	83.7	1.08	27.1	5.2
FM958	1285	43.4	84.6	1.15	30.6	4.7
SG105	1284	38.6	86.0	1.11	26.8	5.2
SG747	1272	41.3	84.8	1.10	25.6	5.3
DP428B	1255	37.0	84.6	1.11	25.5	5.3
8806_3_2_19	1236	39.5	83.8	1.09	31.1	5.0
AP9257	1228	41.9	84.2	1.09	27.6	4.8
BXN47	1217	41.5	84.1	1.09	27.2	5.2
SS9907	1205	40.5	85.3	1.08	30.6	5.5
CONDOR	1202	41.4	83.5	1.07	27.6	5.4
SG125BR	1188	37.8	84.2	1.08	25.5	4.6
DP451BRR	1146	36.0	85.3	1.13	26.0	5.2
DP436RR	1124	36.6	85.0	1.12	25.8	5.2
GAVILAN	1090	41.6	85.7	1.13	30.1	5.0
AP1500RR	1051	37.8	83.8	1.11	27.7	4.8
DP425RR	1039	37.7	84.7	1.11	25.8	5.4
PM1218BR	1026	42.1	83.8	1.09	25.3	4.7
<i>Average</i>	<i>1245</i>					
<i>LSD 0.10</i>	<i>144</i>	-	<i>0.8</i>	<i>0.03</i>	<i>2</i>	<i>0.4</i>
<i>CV</i>	<i>10%</i>	-	-	-	-	-
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						

Planted:	May 2, 2000.					
Harvested:	November 11, 2000.					
Fertilization:	80 lb N, 90 lb P ₂ O ₅ , and 45 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.34	6.03	3.74	4.50	5.13	0.50
Irrigation (in):	4.00	2.00	3.50	3.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, Stan Jones, and Ronnie Pines.						

Later Maturity Cotton Variety Performance, 2000, Irrigated Plains, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
NUCOTN33B	1507	38.4	84.1	1.11	26.6	5.0
DELTAPEARL	1409	39.6	84.8	1.18	28.5	5.0
DP5415	1378	39.5	83.2	1.10	25.8	5.2
PSCHS12	1376	39.4	83.8	1.12	29.7	5.0
NUCOTN35B	1373	36.2	83.4	1.10	29.5	4.8
PSCGA161	1366	39.4	85.0	1.16	30.2	4.8
DP458BRR	1361	38.9	84.2	1.11	28.4	5.2
FM966	1352	41.3	84.9	1.16	33.8	4.9
ST580	1344	39.4	83.0	1.06	27.7	5.0
AP4600RR	1328	38.3	82.9	1.04	24.7	5.1
FM989	1312	40.0	84.5	1.12	31.2	4.8
DP5690RR	1306	39.3	83.5	1.10	28.1	4.8
AP7126	1305	38.1	84.5	1.14	27.0	4.7
PSC952	1286	40.2	83.8	1.10	27.6	5.1
SS9815	1277	39.6	84.0	1.10	29.2	4.8
PSCGA894	1277	38.0	84.3	1.14	29.1	5.0
DP5690	1274	38.7	83.5	1.08	30.4	4.9
DP90RR	1273	37.6	82.4	1.09	29.2	5.0
DP5415RR	1247	38.3	83.2	1.11	29.0	5.1
DP675	1247	37.5	84.2	1.09	29.0	4.8
DP655BRR	1243	36.6	82.9	1.10	29.2	4.4
LIGUR	1217	37.4	83.8	1.13	30.7	4.6
AP6101	1213	38.5	83.8	1.10	29.5	5.2
SG821	1201	38.3	83.6	1.11	27.5	5.0
DP90	1191	37.4	84.2	1.11	30.0	4.7

PM1560BR	1151	39.0	84.0	1.10	26.8	4.9
CALM539	1037	38.4	84.1	1.16	31.4	4.6
CALM557	1027	40.1	83.4	1.09	28.9	4.7
CALM657	913	40.9	83.1	1.04	27.5	4.8
CALM643	797	34.8	83.9	1.10	31.7	4.2
<i>Average</i>	<i>1253</i>					
<i>LSD_{0.10}</i>	<i>140</i>	-	<i>1.1</i>	<i>0.03</i>	<i>2.2</i>	<i>0.2</i>
<i>CV</i>	<i>9.5%</i>	-	-	-	-	
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 2, 2000.					
Harvested:	November 11, 2000.					
Fertilization:	80 lb N, 90 lb P ₂ O ₅ , and 45 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.34	6.03	3.74	4.50	5.13	0.50
Irrigation (in):	4.00	2.00	3.50	3.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, Stan Jones, and Ronnie Pines.						

Earlier Maturity Cotton Strains Performance, 2000, Irrigated Plains, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
SSX022	1303	41.1	84.0	1.09	27.4	5.4
SG150R	1261	37.7	84.1	1.07	28.3	5.0
SS0001	1247	40.9	84.1	1.10	25.6	5.4
SS0003	1235	40.3	84.1	1.06	28.7	5.5
SS0002	1226	40.4	84.8	1.11	27.5	5.3
HCR7357	1205	41.8	84.6	1.07	27.9	5.4
ACSIEXP0223	1205	41.0	84.0	1.15	33.2	4.7
GC106	1200	39.0	83.7	1.12	27.7	5.0
SG521R	1187	39.2	83.6	1.07	28.1	5.2
SSX021	1120	41.4	83.6	1.06	28.1	5.3
PSC355	1056	39.3	83.6	1.10	29.6	5.2
HCR7532	1055	37.7	82.2	1.15	29.3	5.2
94J3	969	35.7	85.3	1.20	32.1	4.8
94L25	925	38.8	83.4	1.18	32.1	4.8
GC108	908	40.5	83.9	1.16	29.0	5.1
PM1218BRR	855	42.0	82.9	1.10	28.6	5.1
<i>Average</i>	<i>1122</i>					
<i>LSD 0.10</i>	<i>134</i>	-	<i>NS</i>	<i>0.04</i>	<i>1.8</i>	<i>0.3</i>
<i>CV</i>	<i>10.1%</i>	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 2, 2000.					
Harvested:	November 11, 2000.					
Fertilization:	80 lb N, 90 lb P ₂ O ₅ , and 45 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.34	6.03	3.74	4.50	5.13	0.50
Irrigation (in):	4.00	2.00	3.50	3.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, Stan Jones, and Ronnie Pines.						

Later Maturity Cotton Strains Performance, 2000, Irrigated Plains, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
HCR9162	1273	38.1	85.1	1.17	29.9	4.8
5415RR	1261	41.5	83.4	1.11	30.5	5.3
GC271	1223	36.9	84.3	1.16	30.9	5.3
DPX9C84	1217	39.7	83.6	1.15	29.6	4.9
PD97100	1213	37.8	83.6	1.11	30.7	4.8
PD97019	1197	37.9	84.6	1.16	28.4	4.8
GA96211	1180	37.6	83.9	1.16	30.6	4.6
PD97006	1166	38.9	84.5	1.16	31.3	4.7
HCR8129	1165	38.7	83.9	1.12	29.2	5.2
PD97072	1145	38.6	85.3	1.16	32.5	4.8
DP565	1137	37.2	84.8	1.13	31.0	4.8
94WE37A	1117	37.8	84.5	1.16	30.5	4.6
STX7G104	1116	36.2	85.0	1.15	31.2	4.8
ACSIIF1000	1102	39.2	83.7	1.15	34.0	4.8
STX7G043	1097	37.8	83.9	1.13	30.4	5.1
GA95251	1093	37.7	84.2	1.17	33.7	5.1
GC377	1085	41.3	83.9	1.13	27.9	5.2
PD97021	1075	37.9	84.3	1.15	31.3	5.0
HCR7163	1069	37.1	84.1	1.13	31.4	5.1
STX7G101	1069	37.0	83.0	1.10	28.6	5.3
ACSIEXP0781	1067	39.8	84.4	1.12	31.1	4.7
PD97047	1042	37.2	84.6	1.14	30.9	5.0
HCR8414	1034	37.8	84.1	1.13	34.1	4.9
GA96153	1033	38.1	83.9	1.13	30.6	4.6
PD97101	985	38.7	83.9	1.15	30.1	4.9
FMAX989	978	36.9	84.8	1.17	31.0	4.7
GA95138	933	37.6	83.4	1.14	30.5	4.9
GC333	921	36.0	82.6	1.09	31.6	5.0
GA95200	781	38.8	83.5	1.12	32.3	4.9
DP6207	655	38.2	84.4	1.13	34.5	4.5
Average	1081					
LSD 0.10	122	-	1.1	0.04	2.7	NS
CV	9.6%	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 2, 2000.					

Harvested:	November 11, 2000.					
Fertilization:	80 lb N, 90 lb P ₂ O ₅ , and 45 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.34	6.03	3.74	4.50	5.13	0.50
Irrigation (in):	4.00	2.00	3.50	3.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, Stan Jones, and Ronnie Pines.						

Dryland Cotton Variety Performance, 2000 Plains, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
SG125BR	843	35.5	83.4	1.10	28.4	5.0
DELTAPEARL	808	37.6	83.3	1.16	31.8	5.0
SG105	804	36.5	83.6	1.12	28.2	5.0
SG747	781	39.4	83.7	1.10	27.2	5.6
SG501BR	702	37.3	81.9	1.06	27.9	5.2
PSC355	701	37.0	84.5	1.15	31.8	4.8
DPL90	700	36.1	82.7	1.11	30.6	5.3
DPNUCOT35B	669	36.9	82.8	1.12	32.2	5.1
AP6101	669	35.8	83.4	1.12	32.5	5.3
ST474	666	38.8	83.4	1.08	28.8	5.4
DP5690RR	646	35.5	82.3	1.09	33.6	4.8
DPL451BRR	644	33.3	83.0	1.10	27.8	5.2
FM989	623	37.3	81.9	1.12	33.7	4.8
DP5690	616	36.2	82.2	1.10	33.8	5.1
ST4691B	598	37.5	83.6	1.13	29.9	4.9
DP458BR	593	35.6	83.1	1.13	29.5	4.8
PSC952	584	37.5	83.1	1.11	29.1	5.3
SG821	575	35.9	83.6	1.11	30.0	5.3
DP5415RR	571	35.4	83.3	1.12	29.9	4.8
DPNUCOT33B	571	34.6	83.5	1.12	27.0	5.2
FM966	522	39.1	81.1	1.10	34.7	5.0
PM1560BG	518	36.4	81.8	1.09	28.4	5.3
DP655BR	499	35.1	82.1	1.09	31.4	4.8
PSCGA894	499	34.5	83.0	1.14	35.7	4.9
<i>Average</i>	<i>642</i>					
<i>LSD 0.10</i>	<i>146</i>	-	<i>NS</i>	<i>0.03</i>	<i>3.5</i>	<i>0.4</i>
<i>CV</i>	<i>19.2%</i>	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 2, 2000.					
Harvested:	November 11, 2000.					
Fertilization:	80 lb N, 90 lb P ₂ O ₅ , and 45 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.34	6.03	3.74	4.50	5.13	0.50
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, Stan Jones, and Ronnie Pines.						

Midville, Georgia

Earlier Maturity Cotton Variety Performance, 2000, Irrigated Midville, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
PSC355	1192	41.0	84.7	1.15	30.9	5.2
8839_3_10_2	1026	37.9	84.7	1.19	27.6	5.3
8806_3_2_19	980	38.3	84.5	1.15	31.4	5.1
SS9907	965	41.3	84.4	1.07	32.4	5.9
SS9901	880	39.2	83.0	1.10	29.8	5.3
AP7115	877	39.6	84.0	1.10	27.2	5.1
PSGA161	853	36.5	85.1	1.18	33.6	5.1
DP425RR	848	36.6	82.7	1.10	27.4	5.5
DP436RR	842	37.2	84.1	1.10	27.8	5.5
SG105	833	40.4	84.5	1.09	29.9	5.6
AP9257	820	40.7	84.3	1.10	28.9	5.1
ST474	811	40.5	83.9	1.05	28.5	5.5
GAVILAN	806	41.0	83.3	1.10	30.1	5.5
FM958	791	40.6	85.4	1.23	30.4	5.2
CONDOR	762	41.3	83.7	1.09	30.0	5.7
SG501BR	750	38.2	83.6	1.08	30.0	5.2
SG747	748	41.1	84.3	1.10	27.1	5.4
BXN47	746	40.8	83.4	1.06	28.4	5.4
ST4892BR	737	42.0	83.5	1.10	30.2	5.6
SG125BR	734	37.7	81.9	1.06	27.0	5.2
DP428B	733	37.5	84.5	1.11	25.9	5.4
ST4691B	727	39.7	83.6	1.10	29.1	5.5
AP1500RR	723	38.7	82.8	1.08	28.7	4.8
ST4793R	719	40.5	83.5	1.07	28.3	5.3
DP451BRR	697	34.6	84.9	1.13	28.1	5.1
PM1560BG	652	38.9	83.4	1.13	29.8	5.4
PM1218BR	245	41.7	83.4	1.08	28.2	4.6
<i>Average</i>	796					
<i>LSD 0.10</i>	137	-	NS	0.03	1.6	0.3
<i>CV</i>	14.7%	-	-	-	-	-
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						

Planted:	May 9, 2000.					
Harvested:	November 1, 2000.					
Fertilization:	75 lb N, 20 lb P ₂ O ₅ , and 40 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.18	3.30	2.56	2.98	4.72	0.57
Irrigation (in):	4.50	5.25	5.25	8.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Bob McNeill, IV.						

Later Maturity Cotton Variety Performance, 2000, Irrigated Midville, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
DELTAPEARL	1141	40.9	84.9	1.16	29.9	5.2
AP7126	1030	39.4	84.3	1.14	28.9	5.1
PSC952	1021	38.9	84.2	1.14	29.5	5.1
DP5415	986	39.0	82.6	1.12	29.3	5.4
FM989	973	39.7	84.8	1.16	31.6	4.6
DP675	967	38.5	83.9	1.10	33.8	5.2
DP458BRR	940	39.5	83.1	1.08	29.8	5.3
SG821	932	38.4	82.6	1.10	29.0	5.2
PM1560BR	931	38.3	83.4	1.09	30.2	5.0
AP6101	926	38.2	83.8	1.15	30.9	5.4
DP5415RR	925	37.3	83.0	1.11	30.4	5.3
ST580	893	38.0	83.5	1.12	28.8	4.9
NUCOTN33B	892	34.3	82.7	1.11	27.9	4.7
PSCHS12	889	36.4	83.8	1.16	31.3	5.2
PSCGA894	888	37.5	82.9	1.14	32.5	5.0
FM966	886	40.8	86.7	1.20	37.4	5.1
PSCGA161	853	36.2	84.6	1.15	31.9	4.7
DP90RR	839	37.7	83.0	1.09	31.4	5.0
AP4600RR	837	38.0	82.6	1.05	26.5	5.2
NUCOTN35B	835	36.6	82.9	1.12	33.3	4.9
DP90	814	39.0	84.2	1.12	32.5	5.2
DP5690RR	800	37.9	82.9	1.10	31.9	5.0
LIGUR	797	37.9	84.1	1.13	35.5	5.1
DP655BRR	785	38.0	83.9	1.14	29.5	4.5
DP5690	785	38.0	83.3	1.07	31.7	5.1

CALM539	784	38.2	83.4	1.11	33.6	4.9
CALM657	730	38.8	82.4	1.02	30.6	4.8
SS9815	727	37.4	82.5	1.09	28.6	5.0
CALM557	635	39.1	83.2	1.06	28.6	4.7
CALM643	612	35.5	84.1	1.10	34.6	4.6
<i>Average</i>	868					
<i>LSD 0.10</i>	186	-	1.4	0.04	2.1	0.3
<i>CV</i>	18.2%	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 9, 2000.					
Harvested:	November 1, 2000.					
Fertilization:	75 lb N, 20 lb P ₂ O ₅ , and 40 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.18	3.30	2.56	2.98	4.72	0.57
Irrigation (in):	4.50	5.25	5.25	8.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Bob McNeill, IV.						

Earlier Maturity Cotton Strains Performance, 2000, Irrigated Midville, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
PSC355	1038	41.8	83.8	1.12	31.9	5.8
SS0002	873	41.1	83.5	1.06	28.0	5.5
SSX022	871	41.3	83.6	1.06	29.1	5.4
HCR7357	841	42.8	83.4	1.09	30.2	5.6
SSX021	840	42.2	84.3	1.10	30.5	5.5
SS0001	836	43.8	82.7	1.06	28.4	5.7
GC106	785	39.4	82.8	1.07	27.3	5.0
HCR7532	777	39.1	83.9	1.17	30.9	5.2
SG521R	769	38.0	83.5	1.05	29.8	5.5
94J3	722	35.9	85.6	1.24	32.8	4.8
SS0003	667	41.1	83.2	1.06	29.0	5.8
ACSIEXP0223	665	41.6	84.1	1.16	33.8	4.9
SG150R	638	38.0	83.3	1.06	29.4	5.4
94L25	469	36.4	85.0	1.16	35.5	4.7
PM1218BRR	342	40.9	82.9	1.11	27.6	5.0
GC108	267	43.3	84.2	1.20	29.7	4.8
<i>Average</i>	<i>712</i>					
<i>LSD 0.10</i>	<i>156</i>	-	<i>NS</i>	<i>0.04</i>	<i>2.3</i>	<i>0.4</i>
<i>CV</i>	<i>18.4%</i>	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 9, 2000.					
Harvested:	November 1, 2000.					
Fertilization:	75 lb N, 20 lb P ₂ O ₅ , and 40 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.18	3.30	2.56	2.98	4.72	0.57
Irrigation (in):	4.50	5.25	5.25	8.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Bob McNeill, IV.						

Later Maturity Cotton Strains Performance, 2000, Irrigated Midville, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
STX7G104	1110	36.7	82.0	1.07	31.7	5.0
ACSIEXP0781	1104	42.3	82.3	1.11	33.1	4.9
STX7G101	1056	41.8	83.3	1.09	33.0	5.2
DPX9C84	1040	40.0	82.9	1.11	29.7	5.4
5415RR	1029	39.2	82.7	1.12	34.0	5.2
HCR8129	1018	40.9	83.5	1.10	29.5	5.2
FMAX989	999	40.3	83.4	1.13	33.5	4.4
GA96211	992	38.2	81.5	1.07	31.4	5.0
PD97100	985	38.1	83.3	1.08	35.4	5.3
PD97021	958	37.1	83.1	1.14	32.5	5.0
STX7G043	945	36.6	84.0	1.11	34.2	4.8
HCR9162	936	38.3	83.0	1.08	32.0	4.9
ACSIIF1000	933	38.8	81.5	1.09	32.3	5.4
PD97006	897	37.0	82.9	1.07	34.1	5.2
GC377	860	37.5	82.7	1.09	31.9	5.4
94WE37A	842	37.6	83.3	1.16	29.0	4.6
GA95251	842	37.3	81.7	1.10	32.0	5.1
GC271	833	36.9	82.9	1.10	33.9	5.2
PD97019	831	38.0	82.2	1.07	30.2	5.2
HCR7163	825	37.2	82.4	1.11	32.0	4.8
HCR8414	822	40.1	82.3	1.07	33.5	5.0
DP565	821	38.9	83.8	1.14	33.4	5.2
PD97072	816	36.7	83.3	1.11	33.4	4.9
PD97101	815	37.0	83.0	1.10	32.5	5.0
PD97047	807	36.9	83.3	1.10	34.9	5.4
GA95200	783	37.8	81.6	1.04	29.4	5.2
GC333	723	35.1	82.4	1.07	33.3	5.2
GA96153	718	38.3	82.2	1.09	33.5	5.0
GA95138	693	37.5	82.3	1.09	32.9	5.2
DP6207	628	38.1	83.4	1.08	32.3	4.9
<i>Average</i>	889					
<i>LSD 0.10</i>	144	-	NS	NS	NS	0.4
<i>CV</i>	13.8%	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 9, 2000.					

Harvested:	November 1, 2000.					
Fertilization:	75 lb N, 20 lb P ₂ O ₅ , and 40 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.18	3.30	2.56	2.98	4.72	0.57
Irrigation (in):	4.50	5.25	5.25	8.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Bob McNeill, IV.						

Dryland Later Maturity Cotton Variety Performance, 2000 Midville, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
PSC952	909	37.1	84.0	1.12	32.3	5.5
FM966	845	39.7	84.5	1.16	35.1	5.4
DP675	833	38.7	83.3	1.13	30.9	5.2
FM989	791	38.2	82.6	1.17	35.1	5.1
NUCOTN35B	771	33.9	82.5	1.13	32.9	5.0
DELTAPEARL	763	37.0	83.1	1.18	29.2	5.0
SS9815	754	36.7	81.2	1.10	29.5	5.1
PSCGA161	754	35.0	82.7	1.15	34.1	5.2
PSCGA894	753	35.8	81.7	1.14	34.1	5.1
AP6101	741	36.8	82.3	1.15	32.2	5.1
DP90RR	741	35.4	82.5	1.11	32.9	5.0
SG821	732	37.8	83.7	1.11	31.5	5.3
AP4600RR	728	38.0	81.8	1.03	29.0	5.5
PSCHS12	727	33.6	83.1	1.13	32.8	5.2
NUCOTN33B	691	33.8	82.3	1.12	31.7	5.0
DP458BRR	670	33.6	82.1	1.14	32.5	4.7
CALM539	670	38.0	83.9	1.12	31.7	5.1
DP5690RR	669	36.0	82.3	1.12	35.3	5.5
DP5415	669	37.1	83.4	1.12	29.0	5.2
DP5415RR	665	35.5	83.1	1.11	32.4	5.4
PM1560BR	662	36.5	83.7	1.13	32.9	5.1
AP7126	659	37.5	83.3	1.16	30.7	5.0
DP5690	656	36.5	82.4	1.11	32.2	5.1
DP655BRR	646	33.8	81.5	1.15	35.3	4.7
DP90	624	35.7	82.1	1.07	34.6	5.3
ST580	618	36.0	81.6	1.09	29.9	5.4

CALM657	616	39.7	83.1	1.08	32.2	4.9
LIGUR	616	36.4	83.2	1.14	32.6	5.3
CALM557	612	38.1	82.7	1.09	31.9	4.8
CALM643	515	34.3	84.2	1.13	34.0	4.5
<i>Average</i>	<i>703</i>					
<i>LSD 0.10</i>	<i>127</i>	-	<i>NS</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>
<i>CV</i>	<i>15%</i>	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 9, 2000.					
Harvested:	November 1, 2000.					
Fertilization:	60 lb N, 50 lb P ₂ O ₅ , and 50 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.18	3.30	2.56	2.98	4.72	0.57
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Bob McNeill, IV.						

Athens, Georgia

Earlier Maturity Cotton Variety Performance, 2000, Irrigated Athens, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
8839_3_10_2	1268	46.3	83.1	1.14	27.9	4.9
PSC355	1139	41.5	84.2	1.17	30.0	4.9
8806_3_2_19	1094	38.7	82.8	1.12	30.3	5.0
SG125BR	1066	41.2	82.4	1.08	27.8	4.9
SS9907	1050	39.8	82.8	1.14	30.6	5.5
ST4691B	1026	43.1	82.4	1.08	27.1	5.3
SG501BR	1022	40.6	82.6	1.09	29.5	5.3
PSCGA161	1000	39.6	83.3	1.18	31.7	4.7
PM1218BR	985	42.9	83.3	1.10	28.2	5.1
ST4793R	964	41.1	82.4	1.08	28.9	5.1
GAVILAN	962	39.3	83.7	1.16	29.0	5.0
ST474	947	43.7	81.6	1.07	28.8	5.8
SG105	945	39.3	84.7	1.15	29.6	5.2
ST4892BR	925	41.5	82.8	1.06	29.1	5.2
SG747	913	41.1	82.9	1.10	25.5	5.2
FM958	895	43.1	83.2	1.15	31.1	4.9

AP9257	875	39.1	83.7	1.17	29.3	4.6
SS9901	874	38.7	82.9	1.12	30.6	5.0
BXN47	860	43.9	83.6	1.10	28.9	5.4
AP7115	835	40.8	82.2	1.12	27.6	4.7
AP1500RR	835	40.2	81.8	1.10	29.5	4.6
DP425RR	785	37.5	82.1	1.11	27.2	5.0
CONDOR	779	40.1	80.7	1.10	29.4	5.5
DP428B	758	36.6	83.7	1.11	26.4	4.8
PM1560BG	746	40.1	84.6	1.08	29.8	4.8
DP451BRR	734	34.8	82.5	1.13	27.1	4.9
DP436RR	714	34.1	83.5	1.14	26.8	4.6
<i>Average</i>	926					
<i>LSD 0.10</i>	138	-	NS	0.05	1.3	0.5
<i>CV</i>	12.7%					

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

Planted:	May 9, 2000.					
Harvested:	November 2, 2000.					
Fertilization:	70 lb N, 35 lb P ₂ O ₅ , and 70 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.45	2.81	1.17	4.82	5.24	0.33
Irrigation (in):	1.50	-	1.00	1.00	-	-

Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Richard Smith.

Later Maturity Cotton Variety Performance, 2000, Irrigated Athens, Georgia						
Variety	Lint Yield lb/acre	Lint %	Uniformity Index %	Length inches	Strength g/tex	Micronaire units
DELTAPEARL	1176	41.9	82.2	1.14	29.0	5.2
PSC952	1081	41.1	84.2	1.13	29.2	5.1
DP90RR	1052	40.2	84.6	1.17	32.3	4.6
PSCHS12	1027	40.6	83.6	1.17	30.6	4.7
NUCOTN35B	1016	39.3	82.2	1.14	32.5	4.8
DP458BRR	1013	39.3	82.9	1.15	28.6	4.9
DP675	983	38.7	83.6	1.15	31.0	5.0
PSCGA161	974	38.9	83.4	1.20	32.1	4.6
DP5415	974	40.2	83.2	1.14	28.2	5.0
DP5690	969	41.7	83.1	1.12	30.3	4.8

AP7126	969	40.0	85.3	1.23	29.3	4.6
DP90	966	40.0	83.5	1.16	32.2	4.9
FM966	965	42.0	85.7	1.17	36.0	4.7
AP4600RR	962	41.0	82.7	1.07	26.0	5.2
FM989	960	42.1	82.5	1.17	31.7	4.9
DP655BRR	957	38.3	83.8	1.16	31.5	4.3
PM1560BR	938	39.5	83.5	1.15	28.4	4.9
ST580	902	42.0	82.3	1.11	29.1	5.2
AP6101	896	38.2	84.2	1.20	30.4	4.9
SG821	894	38.4	82.5	1.11	28.1	5.5
PSCGA894	889	38.9	84.4	1.19	31.5	4.5
DP5690RR	865	38.9	81.8	1.15	31.9	4.9
LIGUR	855	38.9	84.0	1.17	32.6	4.8
NUCOTN33B	855	38.6	83.3	1.15	28.6	4.9
DP5415RR	853	38.6	83.0	1.16	30.1	5.0
CALM657	830	39.9	84.2	1.10	30.1	4.7
SS9815	816	40.3	84.0	1.16	28.8	4.8
CALM539	809	40.1	82.9	1.16	30.9	4.6
CALM557	734	41.4	84.4	1.13	29.3	4.6
CALM643	709	37.7	84.8	1.13	31.6	4.3
<i>Average</i>	<i>930</i>					
<i>LSD 0.10</i>	<i>113</i>	-	<i>NS</i>	<i>0.06</i>	<i>1.5</i>	<i>0.4</i>
<i>CV</i>	<i>10.4%</i>	-				
Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).						
Planted:	May 9, 2000.					
Harvested:	November 2, 2000.					
Fertilization:	70 lb N, 35 lb P ₂ O ₅ , and 70 lb K ₂ O/acre.					
	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.45	2.81	1.17	4.82	5.24	0.33
Irrigation (in):	1.50	-	1.00	1.00		
Trials conducted by Larry Thompson, Grant Henderson, Lloyd May, and Richard Smith.						

Summary

Yield Summary for Earlier Maturity Cotton Variety Trials in Georgia at Four Locations, 2000, Irrigated

Variety	Lint Yield ^a	Lint %	Unif. Index %	Length inches	Strength g/tex	Mic uni
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	Athens			Midville			Plains			Tifton		4-Loc. Avg.		
	----- lb/acre -----													
PSC355	1139	²	1192	¹	1341	⁶	816	¹	1122	41.7	84.1	1.12	30.7	5.1
8839_3_10_2	1268	¹	1026	²	1337	⁷	794	²	1106	41.3	84.0	1.13	28.3	5.1
8806_3_2_19	1094	³	980	³	1236	¹⁶	776	⁴	1021	39.8	83.4	1.10	30.9	5.1
PSCGA161	1000	⁸	853	⁷	1308	⁹	772	⁶	983	38.1	84.2	1.15	31.7	4.8
SS9907	1050	⁵	965	⁴	1205	¹⁹	697	¹⁶	979	41.1	83.4	1.07	31.2	5.7
SG501BR	1022	⁷	750	¹⁶	1370	⁴	729	¹²	968	39.7	83.6	1.06	30.3	5.1
SS9901	874	¹⁸	880	⁵	1377	³	734	¹¹	966	39.8	82.8	1.09	29.3	5.1
ST4691B	1026	⁶	727	²²	1295	¹⁰	773	⁵	955	41.9	83.1	1.07	28.0	5.3
ST474	947	¹²	811	¹²	1323	⁸	726	¹³	952	42.5	82.8	1.04	28.2	5.6
SG125BR	1066	⁴	734	²⁰	1188	²¹	780	³	942	39.2	82.4	1.05	26.8	5.0
ST4793R	964	¹⁰	719	²⁴	1386	¹	664	¹⁸	933	41.9	82.8	1.04	28.6	5.3
AP7115	835	²⁰	877	⁶	1348	⁵	659	¹⁹	930	40.9	83.1	1.08	27.6	4.8
ST4892BR	925	¹⁴	737	¹⁹	1291	¹¹	739	⁹	923	41.8	83.0	1.07	29.1	5.3
FM958	895	¹⁶	791	¹⁴	1285	¹²	715	¹⁵	922	42.8	84.3	1.16	31.1	4.9
SG105	945	¹³	833	¹⁰	1284	¹³	619	²²	920	40.3	84.3	1.09	29.3	5.4
SG747	913	¹⁵	748	¹⁷	1272	¹⁴	735	¹⁰	917	41.4	83.8	1.09	26.4	5.1
AP9257	875	¹⁷	820	¹¹	1228	¹⁷	742	⁸	916	40.9	83.5	1.09	28.8	5.0
PM1560BG	746	²⁴	652	²⁶	1384	²	746	⁷	882	40.8	83.4	1.07	29.6	5.3
BXN47	860	¹⁹	746	¹⁸	1217	¹⁸	664	¹⁸	872	42.4	83.4	1.08	28.5	5.2
GAVILAN	962	¹¹	806	¹³	1090	²⁴	620	²¹	869	41.3	84.0	1.11	29.9	5.0
DP428B	758	²³	733	²¹	1255	¹⁵	676	¹⁷	855	37.4	83.9	1.10	26.1	5.0
DP436RR	714	²⁶	842	⁹	1124	²³	715	¹⁵	849	37.0	83.8	1.10	27.0	5.0
CONDOR	779	²²	762	¹⁵	1202	²⁰	607	²³	837	40.8	82.3	1.07	29.0	5.5
AP1500RR	835	²⁰	723	²³	1051	²⁵	719	¹⁴	832	39.5	82.4	1.07	28.8	4.8
DP425RR	785	²¹	848	⁸	1039	²⁶	653	²⁰	832	38.3	82.6	1.08	27.1	5.3
DP451BRR	734	²⁵	697	²⁵	1146	²²	739	⁹	829	36.2	83.8	1.11	27.2	5.0
PM1218BR	985	⁹	245	²⁷	1026	²⁷	264	²⁴	630	42.9	83.4	1.08	27.7	4.8
LSD 0.10	138		137		144		93		118	1.5	0.8	0.03	0.9	0.3
CV									12%	-	-	-	-	-
Variety X Location Probability Value ^b														