

Athens, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2007

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DynaGro 2520B2RF	824	42.3	80.0		1.06	26.7	4.1
DP 455 BG/RR	677	45.1	78.6		0.95	28.1	4.3
ST5283RF	674	46.7	80.4		1.03	30.3	4.7
DP 454 BG/RR	658	46.3	79.6		0.96	27.4	4.0
CG3035RF	651	43.7	80.5		0.99	28.4	4.2
CG3520B2RF	625	42.5	80.8		1.05	26.1	4.2
DP 444 BG/RR	624	45.5	80.1		1.01	28.1	4.1
DP 445 BG/RR	624	46.8	80.8		1.02	28.9	4.1
STX4596B2RF	573	41.3	81.6		1.06	29.8	4.6
DynaGro CT07550	570	44.2	80.4		1.00	29.2	4.8
ST5327B2RF	564	45.3	81.1		1.02	28.4	4.7
DP 434 RR	547	44.7	80.5		1.06	27.6	4.5
CG 3220B2RF	546	41.8	79.6		1.01	26.0	4.2
AM1532B2RF	542	41.8	80.4		1.08	26.5	4.1
STX4498B2RF	539	43.4	80.9		1.00	31.0	4.3
PHY370WR	520	43.8	80.7		1.01	29.7	4.9
DP 393	501	45.2	80.3		1.03	28.7	4.3
STX4678B2RF	498	42.3	81.5		1.05	27.7	4.3
PHY485WRF	486	43.8	82.2		1.02	29.1	4.6
DP 143 B2RF	484	42.2	79.4		1.06	27.4	4.0
DP161B2RF	481	41.3	79.6		1.05	28.5	4.5
ST4427B2RF	480	42.0	79.4		1.02	27.9	4.3
ST 4357B2RF	474	42.3	79.7		1.05	25.9	4.2
CG3020B2RF	473	41.5	79.8		1.00	26.0	3.9
PHY425RF	473	43.4	80.5		0.98	28.9	4.7
ST 5242BR	470	45.7	79.6		0.96	27.2	4.6
DP 147 RF	465	43.1	80.2		1.03	27.5	3.9
PHY375WRF	463	44.9	79.8		1.01	27.7	4.3
GA2004303	462	43.1	79.2		0.98	26.7	4.2
PHY310R	461	46.1	79.6		0.95	28.1	4.7
DynaGro 2490B2RF	456	41.0	80.5		0.99	27.1	3.5
DP 117 B2RF	444	44.7	80.5		1.01	30.0	5.1
DP 121 RF	442	44.7	80.1		1.00	28.2	5.0
FM1735LLB2	434	41.1	80.3		1.06	28.5	3.8
DP 432 RR	426	43.3	79.9		1.00	28.7	4.9
PHY480WR	425	42.9	81.0		1.05	29.0	4.9
CG4020B2RF	424	42.2	79.2		1.03	25.5	4.0
ST 4554B2RF	423	42.3	80.3		1.00	27.8	4.1
DP174RF	421	45.0	79.8		1.03	29.5	5.3
DP141B2RF	409	41.7	78.7		1.04	28.9	4.4
PHY315RF	405	44.8	79.3		1.01	26.7	4.4
FM9063B2F	402	40.9	79.5		1.06	30.1	3.8
ST 4664RF	386	43.5	80.5		1.01	30.5	4.4
FM955LLB2	384	38.1	79.1		1.07	27.2	4.5
FM1600LL	381	41.8	80.2		1.04	29.7	4.2
AM1504B2RF	354	40.0	80.0		1.00	25.8	3.8
GA2004232	341	44.8	80.1		1.04	30.9	4.8
Average	497	43.3	80.1		1.02	28.1	4.3
LSD 0.10	125	0.7	1.1		0.04	2.1	0.5
CV %	21.5	1.4	0.9		2.44	4.5	7.1

Athens, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2007
(Continued)

* A random quality sample was taken on the picker during cotton harvest.

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

Planted: May 3, 2007.

Harvested: October 30, 2007.

Soil Type: Cecil coarse sandy loam.

Fertilization: 94 lb N, 48 lb P₂O₅, and 48 lb K₂O/acre.

Management: Temik applied 5 lb/acre.

Trials conducted by Larry Thompson and J. Strickland.

Midville, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2007

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DP 454 BG/RR	844	47.0	81.0		1.03	27.6	4.2
DP 444 BG/RR	841	45.0	82.2		1.09	28.1	3.8
FM1600LL	815	42.5	81.9		1.13	31.6	4.5
ST5283RF	754	44.5	81.0		1.07	30.1	4.5
DP 445 BG/RR	719	45.0	82.4		1.09	30.4	4.6
FM1735LLB2	718	42.5	82.6		1.09	32.5	4.1
STX4678B2RF	694	43.5	81.5		1.11	30.0	4.7
DP 455 BG/RR	683	45.0	80.2		1.06	29.3	4.1
DP 121 RF	675	46.5	82.3		1.11	30.4	4.7
PHY485WRF	666	45.0	82.0		1.08	30.6	4.5
DynaGro CT07550	654	44.5	81.2		1.06	27.7	4.1
ST 4664RF	653	44.0	81.5		1.06	29.6	4.4
DP 393	650	45.0	81.7		1.09	29.2	4.5
DP 147 RF	649	44.5	80.7		1.11	29.3	4.1
CG3035RF	648	44.5	82.6		1.08	29.4	4.3
ST 4554B2RF	641	44.0	81.0		1.09	30.7	4.2
FM955LLB2	638	41.5	82.2		1.13	29.6	4.5
PHY425RF	628	44.0	82.5		1.09	30.1	4.8
STX4498B2RF	621	43.5	81.7		1.06	31.7	4.3
GA2004303	618	44.0	81.6		1.07	29.6	4.6
ST 5242BR	614	45.0	81.2		1.03	27.4	4.3
FM9063B2F	599	44.0	81.3		1.12	30.8	4.5
DP 434 RR	599	44.0	80.6		1.10	27.3	4.1
PHY375WRF	597	46.0	79.4		1.05	28.4	4.2
PHY315RF	596	45.0	80.4		1.09	27.6	4.2
PHY310R	591	45.5	80.5		1.05	29.4	4.4
DP 432 RR	587	43.0	81.6		1.08	28.9	3.7
CG 3220B2RF	586	43.5	81.6		1.09	29.1	4.6
PHY370WR	584	44.5	80.5		1.04	28.5	4.4
STX4596B2RF	583	42.5	81.3		1.12	28.6	4.5
GA2004232	562	45.0	80.5		1.14	31.8	4.3
ST5327B2RF	556	45.0	81.4		1.04	30.6	4.0
DP 117 B2RF	545	43.5	81.0		1.08	30.8	4.2
DP174RF	533	48.0	80.4		1.07	27.1	4.6
DP 143 B2RF	527	42.5	80.4		1.09	28.2	4.1
PHY480WR	522	43.5	82.5		1.06	31.4	4.6
CG4020B2RF	517	43.0	79.5		1.09	27.5	4.1
DP161B2RF	510	41.5	80.3		1.13	28.8	4.3
AM1504B2RF	507	41.5	80.8		1.03	26.3	3.6
DP141B2RF	502	42.5	81.0		1.11	30.0	4.3
CG3520B2RF	500	43.5	81.8		1.07	25.6	3.8
ST4427B2RF	495	43.5	80.1		1.06	29.5	4.0
DynaGro 2520B2RF	483	42.5	80.9		1.09	26.8	4.0
CG3020B2RF	480	41.0	81.3		1.03	27.1	3.8
ST 4357B2RF	479	41.0	80.7		1.08	27.3	4.2
AM1532B2RF	471	44.5	81.0		1.07	27.2	4.2
DynaGro 2490B2RF	448	40.5	80.9		1.04	27.4	3.3
Average	604	43.9	81.2		1.08	29.1	4.2
LSD 0.10	143	1.1	1.3		0.04	1.6	0.4
CV %	20.2	2.2	1.0		2.21	3.3	5.4

Midville, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2007
(Continued)

* A random quality sample was taken on the picker during cotton harvest.

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

Planted: May 2, 2007.

Harvested: October 11, 2007.

Soil Type: Tifton sandy loam.

Fertilization: 95 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

Management: Temik applied 5 lb/acre and Telone II applied 3 gal/acre.

Trials conducted by Larry Thompson.

Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2007

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
ST4427B2RF	1058	44.5	82.5		1.11	31.8	4.3
ST5327B2RF	908	44.2	81.9		1.08	30.2	4.5
DynaGro CT07550	866	44.2	82.7		1.07	32.1	4.5
DP 444 BG/RR	862	44.9	81.5		1.08	30.1	4.2
PHY315RF	860	45.6	81.3		1.10	30.7	4.4
FM1600LL	830	42.3	82.5		1.11	32.8	4.3
ST 4664RF	819	43.1	81.7		1.07	31.1	4.2
DP 121 RF	818	43.6	82.5		1.10	31.0	4.7
DP 454 BG/RR	797	45.7	82.8		1.12	29.5	4.4
STX4678B2RF	794	41.5	83.8		1.16	31.1	4.7
DP 445 BG/RR	792	42.6	81.7		1.08	31.1	4.3
GA2004303	785	43.9	81.0		1.10	30.5	4.7
CG3035RF	779	44.3	81.8		1.07	30.9	4.4
PHY370WR	775	43.5	81.9		1.06	30.6	4.2
DP 455 BG/RR	721	45.6	81.8		1.11	32.3	4.4
AM1504B2RF	716	40.0	82.6		1.12	30.4	3.6
DP 434 RR	702	41.9	82.3		1.13	30.1	4.5
STX4596B2RF	701	42.3	83.9		1.18	30.9	5.1
ST 5242BR	700	42.9	82.3		1.08	29.3	4.0
AM1532B2RF	700	41.3	81.3		1.12	28.4	3.9
PHY425RF	687	42.8	82.4		1.10	32.0	4.9
STX4498B2RF	687	44.1	82.6		1.12	32.2	4.5
PHY485WRF	680	43.4	83.0		1.12	32.0	4.8
DP 117 B2RF	679	42.8	82.3		1.11	33.6	4.6
DP174RF	676	46.9	82.6		1.14	29.9	4.9
CG3520B2RF	674	40.3	83.5		1.14	28.9	4.4
GA2004232	672	43.6	82.9		1.15	32.1	4.6
PHY310R	668	45.2	81.5		1.07	31.0	4.9
ST 4554B2RF	653	43.2	82.1		1.09	32.0	4.5
FM9063B2F	648	42.4	82.0		1.13	31.7	3.9
PHY375WRF	643	44.7	83.0		1.13	31.1	4.3
DynaGro 2490B2RF	639	39.3	82.0		1.09	29.3	3.6
DP 432 RR	620	44.9	83.2		1.07	30.9	4.6
DP141B2RF	610	41.4	81.4		1.15	31.2	4.3
PHY480WR	606	42.4	83.1		1.12	29.4	4.5
CG 3220B2RF	604	40.6	83.2		1.15	31.7	4.3
DP 393	602	40.2	83.2		1.14	32.4	4.8
DP 147 RF	595	41.8	84.0		1.22	31.6	4.4
ST5283RF	589	44.3	82.0		1.10	31.2	4.1
CG4020B2RF	584	42.8	81.3		1.10	27.1	3.9
FM1735LLB2	580	41.1	82.5		1.15	34.3	4.6
ST 4357B2RF	557	42.0	81.5		1.14	30.5	3.9
DP161B2RF	553	39.8	83.7		1.20	32.6	4.6
CG3020B2RF	542	40.0	81.4		1.08	28.0	3.5
DP 143 B2RF	532	40.3	82.0		1.21	29.8	4.1
DynaGro 2520B2RF	464	41.3	82.6		1.14	29.4	4.0
FM955LLB2	435	39.7	81.5		1.14	32.6	4.6
Average	691	42.7	82.3		1.12	30.9	4.3
LSD 0.10	202	1.2	1.3		0.06	2.2	0.4
CV %	25.0	2.3	1.0		3.11	4.3	5.7

Plains, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2007
(Continued)

* A random quality sample was taken on the picker during cotton harvest.

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

Planted: May 1, 2007.

Harvested: October 9, 2007.

Soil Type: Faceville sandy loam.

Fertilization: 90 lb N, 88 lb P_2O_5 , and 24 lb K_2O /acre.

Management: Temik applied 5 lb/acre.

Trials conducted by Larry Thompson and R. Pines.

Tifton, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2007

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DP 455 BG/RR	1699	45.2	82.0		1.16	28.2	3.8
DP 444 BG/RR	1675	45.9	82.8		1.13	27.5	3.5
DP 445 BG/RR	1644	43.6	83.8		1.17	28.8	3.8
DP 434 RR	1643	44.2	82.3		1.16	27.0	3.8
DynaGro CT07550	1570	43.8	84.1		1.16	27.7	4.0
PHY375WRF	1551	44.0	83.0		1.17	26.6	3.7
FM955LLB2	1537	41.7	84.3		1.24	27.8	4.1
CG3520B2RF	1522	44.5	83.2		1.18	25.4	3.8
AM1532B2RF	1515	42.4	84.3		1.22	26.0	3.7
DynaGro 2520B2RF	1502	41.6	82.7		1.19	25.8	3.4
AM1504B2RF	1482	40.9	84.1		1.15	26.2	3.3
ST 4357B2RF	1468	42.1	83.3		1.21	25.8	3.6
CG 3220B2RF	1458	41.8	84.0		1.20	27.5	3.6
FM9063B2F	1454	40.9	83.0		1.22	29.3	3.4
ST 5242BR	1450	42.1	83.9		1.13	26.6	3.8
STX4678B2RF	1445	41.1	84.8		1.21	28.7	4.1
FM1600LL	1439	40.8	83.8		1.19	31.0	3.6
ST5283RF	1434	43.8	83.5		1.19	28.4	3.6
FM1735LLB2	1434	40.4	81.9		1.17	30.5	3.9
DP 121 RF	1416	43.7	83.0		1.17	28.1	3.8
DP 393	1411	42.7	83.9		1.17	28.0	3.7
ST5327B2RF	1403	44.8	83.4		1.16	28.6	3.6
DP 432 RR	1399	42.3	84.0		1.15	27.7	3.7
ST4427B2RF	1387	41.2	82.8		1.17	27.8	3.6
ST 4554B2RF	1380	42.3	83.4		1.16	27.3	3.9
STX4596B2RF	1376	41.2	83.4		1.20	27.6	3.9
PHY370WR	1365	43.6	83.9		1.14	28.0	3.7
CG3035RF	1365	44.7	82.9		1.13	27.1	3.9
GA2004303	1361	43.3	82.7		1.14	28.7	4.2
PHY310R	1357	42.9	83.0		1.13	28.7	4.1
DynaGro 2490B2RF	1356	39.2	82.0		1.13	25.6	2.9
PHY485WRF	1350	42.7	84.6		1.17	27.9	3.9
CG3020B2RF	1348	40.8	83.9		1.15	26.3	3.3
STX4498B2RF	1334	42.5	82.6		1.13	28.0	3.6
PHY480WR	1327	42.1	83.3		1.17	28.4	3.8
DP161B2RF	1297	41.4	83.6		1.22	28.7	3.8
DP141B2RF	1291	43.5	81.2		1.19	28.6	3.7
DP174RF	1276	44.8	83.3		1.18	25.9	3.6
GA2004137	1270	40.4	82.2		1.16	28.0	4.0
PHY425RF	1265	43.0	83.8		1.17	26.7	3.9
CG4020B2RF	1259	40.1	83.8		1.19	26.0	3.6
PHY315RF	1259	44.6	82.6		1.15	27.0	3.6
ST 4664RF	1236	42.0	82.9		1.15	27.8	3.7
DP 454 BG/RR	1187	44.2	83.8		1.13	26.0	3.4
GA2004232	1104	47.4	83.3		1.19	28.1	3.7
DP 143 B2RF	1091	39.1	83.0		1.24	28.2	3.4
DP 147 RF	1079	41.8	82.4		1.21	27.1	3.4
DP 117 B2RF	1059	41.0	83.0		1.21	30.2	3.5
Average	1386	42.6	83.2		1.17	27.6	3.7
LSD 0.10	200	42.6	1.4		0.03	1.5	0.3
CV %	12.3	2.6	1.0		1.65	3.2	4.5

Tifton, Georgia:
Dryland Earlier Maturity Cotton Variety Performance, 2007
(Continued)

* A random quality sample was taken on the picker during cotton harvest.

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

Planted: April 24, 2007.

Harvested: September 19, 2007.

Soil Type: Tifton sandy loam.

Fertilization: 78 lb N, 54 lb P₂O₅, and 168 lb K₂O/acre.

Management: Temik applied 5 lb/acre and Telone II applied 3 gal/acre.

Trials conducted by Larry Thompson

Yield Summary for Dryland Earlier Maturity Cotton Varieties, 2007

Entry	Lint Yield ^a					4-Loc. Average	Lint %	Unif. Index %	Length in	Strength g/tex	Mic. units
	Athens	Midville	Plains lb/acre	Tifton							
DP 444 BG/RR	624 ^{7T}	841 ²	862 ⁴	1675 ²	1001 ¹	45.3	81.6	1.08	28.4	3.9	
DP 455 BG/RR	677 ²	683 ⁸	721 ¹⁵	1699 ¹	945 ^{2T}	45.2	80.6	1.07	29.5	4.1	
DP 445 BG/RR	624 ^{7T}	719 ⁵	792 ¹¹	1644 ³	945 ^{2T}	44.5	82.2	1.09	29.8	4.2	
DynaGro CT07550	570 ⁹	654 ¹¹	866 ³	1570 ⁵	915 ³	44.2	82.1	1.07	29.2	4.3	
DP 434 RR	547 ¹¹	599 ^{22T}	702 ¹⁷	1643 ⁴	873 ⁴	43.7	81.4	1.11	28.0	4.2	
DP 454 BG/RR	658 ⁴	844 ¹	797 ⁹	1187 ⁴⁰	872 ⁵	45.8	81.8	1.06	27.6	4.0	
FM1600LL	381 ⁴³	815 ³	830 ⁶	1439 ¹⁷	866 ⁶	41.8	82.1	1.12	31.3	4.1	
ST5283RF	674 ³	754 ⁴	589 ³⁸	1434 ^{18T}	863 ⁷	44.8	81.7	1.09	30.0	4.2	
CG3035RF	651 ⁵	648 ¹⁵	779 ¹³	1365 ^{26T}	861 ⁸	44.3	81.9	1.07	28.9	4.2	
ST5327B2RF	564 ¹⁰	556 ³¹	908 ²	1403 ²¹	858 ⁹	44.8	81.9	1.07	29.4	4.2	
STX4678B2RF	498 ¹⁷	694 ⁷	794 ¹⁰	1445 ¹⁶	857 ¹⁰	42.1	82.9	1.13	29.4	4.4	
ST4427B2RF	480 ²¹	495 ⁴¹	1058 ¹	1387 ²³	855 ¹¹	42.8	81.2	1.09	29.2	4.0	
DP 121 RF	442 ³¹	675 ⁹	818 ⁸	1416 ¹⁹	838 ¹²	44.6	81.9	1.09	29.4	4.5	
CG3520B2RF	625 ⁶	500 ⁴⁰	674 ²⁵	1522 ⁸	830 ¹³	42.7	82.3	1.11	26.5	4.0	
DynaGro 2520B2RF	824 ¹	483 ⁴²	464 ⁴⁵	1502 ¹⁰	819 ¹⁴	41.9	81.5	1.12	27.1	3.8	
PHY375WRF	463 ²⁶	597 ²³	643 ³⁰	1551 ⁶	813 ¹⁵	44.9	81.3	1.09	28.4	4.1	
PHY370WR	520 ¹⁵	584 ²⁸	775 ¹⁴	1365 ^{26T}	811 ¹⁶	43.9	81.7	1.06	29.2	4.3	
ST 5242BR	470 ²⁴	614 ²¹	700 ¹⁹	1450 ¹⁵	808 ^{17T}	43.9	81.8	1.05	27.6	4.1	
STX4596B2RF	573 ⁸	583 ²⁹	701 ¹⁸	1376 ²⁵	808 ^{17T}	41.8	82.5	1.14	29.2	4.5	
AM1532B2RF	542 ¹³	471 ⁴⁵	700 ²⁰	1515 ⁹	807 ^{18T}	42.5	81.7	1.12	27.0	3.9	
GA2004303	462 ²⁷	618 ²⁰	785 ¹²	1361 ²⁷	807 ^{18T}	43.6	81.1	1.07	28.9	4.4	
CG 3220B2RF	546 ¹²	586 ²⁷	604 ³⁵	1458 ¹³	798 ¹⁹	41.9	82.1	1.11	28.6	4.2	
PHY485WRF	486 ¹⁸	666 ¹⁰	680 ²²	1350 ³⁰	796 ²⁰	43.7	82.9	1.10	29.9	4.4	
STX4498B2RF	539 ¹⁴	621 ¹⁹	687 ^{21T}	1334 ³²	795 ²¹	43.4	81.9	1.08	30.7	4.1	
FM1735LLB2	434 ³²	718 ⁶	580 ⁴⁰	1434 ^{18T}	791 ^{22T}	41.3	81.8	1.12	31.4	4.1	
DP 393	501 ¹⁶	650 ¹³	602 ³⁶	1411 ²⁰	791 ^{22T}	43.3	82.2	1.11	29.5	4.3	
PHY315RF	405 ³⁹	596 ²⁴	860 ⁵	1259 ^{38T}	780 ²³	45.0	80.9	1.08	28.0	4.1	
FM9063B2F	402 ⁴⁰	599 ^{22T}	648 ²⁹	1454 ¹⁴	776 ²⁴	42.0	81.4	1.13	30.4	3.9	
ST 4554B2RF	423 ³⁶	641 ¹⁶	653 ²⁸	1380 ²⁴	774 ²⁵	42.9	81.7	1.09	29.4	4.2	
ST 4664RF	386 ⁴¹	653 ¹²	819 ⁷	1236 ³⁹	773 ²⁶	43.1	81.6	1.07	29.7	4.2	
PHY310R	461 ²⁸	591 ²⁸	668 ²⁷	1357 ²⁸	769 ²⁷	44.9	81.1	1.05	29.3	4.5	
AM1504B2RF	354 ⁴⁴	507 ³⁸	716 ¹⁶	1482 ¹¹	765 ²⁸	40.6	81.9	1.07	27.2	3.5	
PHY425RF	473 ^{23T}	628 ¹⁸	687 ^{21T}	1265 ³⁷	763 ²⁹	43.3	82.3	1.08	29.4	4.5	
DP 432 RR	426 ³³	587 ²⁹	620 ³²	1399 ²²	758 ³⁰	43.3	82.2	1.07	29.0	4.2	
FM955LLB2	384 ⁴²	638 ¹⁷	435 ⁴⁶	1537 ⁷	749 ³¹	40.2	81.7	1.14	29.3	4.4	
ST 4357B2RF	474 ²²	479 ⁴⁴	557 ⁴¹	1468 ¹²	745 ³²	41.8	81.3	1.12	27.4	4.0	
DP174RF	421 ³⁷	533 ³³	676 ²⁴	1276 ³⁶	727 ³³	46.2	81.5	1.10	28.1	4.6	
DynaGro 2490B2RF	456 ²⁹	448 ⁴⁶	639 ³¹	1356 ²⁹	725 ³⁴	40.0	81.3	1.06	27.3	3.3	
PHY480WR	425 ³⁴	522 ³⁵	606 ³⁴	1327 ³³	720 ³⁵	42.7	82.5	1.10	29.5	4.4	
CG3020B2RF	473 ^{23T}	480 ⁴³	542 ⁴³	1348 ³¹	711 ³⁶	40.8	81.6	1.06	26.8	3.6	

Yield Summary for Dryland Earlier Maturity Cotton Varieties, 2007 (Continued)

Entry	Lint Yield ^a					4-Loc. Average	Lint %	Unif. Index %	Length in	Strength g/tex	Mic. units
	Athens	Midville	Plains	Tifton	----- lb/acre						
DP161B2RF	481 ²⁰	510 ³⁷	553 ⁴²	1297 ³⁴	710 ³⁷	41.0	81.8	1.15	29.7	4.3	
DP141B2RF	409 ³⁸	502 ³⁹	610 ³³	1291 ³⁵	703 ³⁸	42.3	80.6	1.12	29.7	4.2	
DP 147 RF	465 ²⁵	649 ¹⁴	595 ³⁷	1079 ⁴³	697 ³⁹	42.8	81.8	1.14	28.9	3.9	
CG4020B2RF	424 ³⁵	517 ³⁶	584 ³⁹	1259 ^{38T}	696 ⁴⁰	42.0	80.9	1.10	26.5	3.9	
DP 117 B2RF	444 ³⁰	545 ³²	679 ²³	1059 ⁴⁴	682 ⁴¹	43.0	81.7	1.10	31.1	4.3	
GA2004232	341 ⁴⁵	562 ³⁰	672 ²⁶	1104 ⁴¹	670 ⁴²	45.2	81.7	1.13	30.7	4.3	
DP 143 B2RF	484 ¹⁹	527 ³⁴	532 ⁴⁴	1091 ⁴²	659 ⁴³	41.0	81.2	1.15	28.4	3.9	
Average	497	604	691	1389	795	43.1	81.7	1.10	28.9	4.1	
LSD 0.10	125	143	202	200	122	1.2	0.8	0.02	1.0	0.3	
CV %	21.5	20.2	25.0	12.3	18.4	2.2	0.9	2.40	3.9	5.8	

^a Superscripts indicate ranking at that location.

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

Two-Year Summary for Dryland Earlier Maturity Cotton Varieties at Four Locations^a, 2006-2007

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length inches	Strength g/tex	Micronaire units
			Index %				
DP 454 BG/RR	1095	45.9	82.2		1.05	28.4	4.2
DP 445 BG/RR	1062	43.6	82.7		1.10	29.5	4.3
DP 455 BG/RR	1062	44.2	81.3		1.07	30.1	4.2
PHY370WR	1041	43.8	82.4		1.06	29.7	4.5
DP 444 BG/RR	1021	44.1	82.1		1.07	28.6	4.0
PHY485WRF	983	43.4	83.0		1.10	30.3	4.6
ST 5242BR	981	43.6	82.4		1.06	27.9	4.3
PHY310R	979	44.3	81.8		1.05	29.7	4.6
PHY480WR	977	42.1	83.1		1.11	30.1	4.6
PHY425RF	968	43.1	82.7		1.09	29.9	4.7
ST4427B2RF	961	42.3	81.9		1.09	29.7	4.3
DP 121 RF	948	43.9	82.4		1.09	29.8	4.7
DP 434 RR	942	42.9	81.9		1.11	28.1	4.5
FM9063B2F	937	41.8	82.3		1.15	31.0	4.1
DP 432 RR	932	42.3	82.6		1.07	29.0	4.4
DynaGro 2520B2	932	41.4	82.0		1.11	27.4	4.1
CG3520B2RF	928	42.1	82.4		1.10	26.4	4.2
DP 393	925	42.6	82.6		1.09	29.9	4.5
DP 117 B2RF	924	42.7	82.2		1.11	31.4	4.5
DP 143 B2RF	919	40.9	81.6		1.16	28.7	4.1
ST 4554B2RF	913	42.4	82.0		1.09	29.8	4.4
ST 4664RF	897	42.4	82.2		1.08	29.5	4.4
ST 4357B2RF	891	41.4	82.1		1.12	27.6	4.2
DP 147 RF	877	42.4	82.3		1.15	29.5	4.2
CG4020B2RF	855	41.5	81.6		1.10	27.0	4.2
CG3020B2RF	787	40.0	81.9		1.07	27.2	3.9
Average	951	42.7	82.2		1.09	29.1	4.3
LSD 0.10	68	0.4	0.4		0.02	0.8	0.2
CV %	17.3	2.3	0.9		2.40	4.4	5.9

^a Athens, Midville, Plains, and Tifton.

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