

## Athens, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity		Strength* g/tex	Micronaire*
			Index* %	Length* inches		
PHY 499 WRF	<b>1439</b>	48.7	82.3	1.10	29.6	5.6
GA2009100	<b>1330</b>	46.4	82.9	1.17	31.9	5.0
BX1346GLB2	1179	46.9	82.2	1.13	28.4	5.4
DP 1137 B2RF	1168	47.2	83.3	1.13	26.8	5.1
PHY 375 WRF	1168	47.4	82.7	1.12	29.0	5.0
DP 1034 B2RF	1167	47.1	82.8	1.13	27.3	5.2
PX-4339-CB WRF	1151	47.4	82.5	1.13	30.1	5.1
DP 1219 B2RF	1150	47.9	82.5	1.15	31.2	5.0
DP 1028 B2RF	1143	46.3	83.9	1.14	29.0	5.0
PHY 367 WRF	1128	46.7	83.1	1.12	29.4	5.2
PX 4339-06 WRF	1105	46.5	83.8	1.15	31.1	4.9
All-Tex LA122	1099	46.4	83.6	1.13	29.5	4.8
DP 1321 B2RF	1089	47.4	82.5	1.14	29.1	5.6
SSG HQ 210 CT	1067	46.6	82.3	1.10	29.5	5.4
AM 1550 B2RF	1056	45.7	82.3	1.11	27.1	4.9
NG 1511 B2RF	1048	48.0	82.6	1.13	29.6	5.4
Dyna-Gro 2570B2RF	1042	45.7	83.1	1.13	27.9	5.3
DP 1311 B2RF	1039	46.3	82.3	1.18	27.0	5.2
DG2595 B2RF	1033	45.6	83.5	1.15	29.3	5.4
DP 0912 B2RF	1026	46.6	81.7	1.09	28.4	5.9
GA2004143	997	47.5	84.3	1.19	32.1	5.2
BRS286	993	42.9	81.6	1.10	32.4	5.1
BRS293	993	43.8	83.0	1.15	32.8	5.5
SSG AU 222	992	45.0	81.1	1.15	28.7	5.5
SSG CT Linwood	984	45.0	82.3	1.10	31.1	5.7
All-Tex Nitro 44 B2RF	973	46.0	83.8	1.19	30.5	4.6
GA2006106	961	45.0	82.2	1.15	31.3	5.2
All-Tex 7A21	960	44.0	83.1	1.14	28.8	5.3
GA2008057	888	43.5	83.1	1.14	34.5	4.9
FM1944 GLB2	865	44.4	82.9	1.17	31.1	5.3
Average	1074	46.1	82.7	1.13	29.8	5.2
LSD 0.10	137	1.0	N.S. <sup>1</sup>	N.S.	2.2	0.3
CV %	10.8	1.9	1.2	2.7	4.3	3.8

## Athens, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012 (Continued)

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\* A random quality sample was taken on the picker during cotton harvest and to determine percent lint fractions plot seed cotton was processed through a small gin in gin house on the UGA Tifton Campus.

1. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Planted: May 3, 2012.

Harvested: October 9, 2012.

Seeding Rate: 4 seeds/foot in 36" rows.

Soil Type: Cecil sandy clay loam.

Soil Test: P = Medium, K = Medium, and pH = 6.5.

Fertilization: 80 lb N, 80 lb P<sub>2</sub>O<sub>5</sub>, and 80 lb K<sub>2</sub>O/acre. Sidedress: 100 lb N/acre.

Previous Crop: Soybeans.

Management: Disked, subsoiled, and strip tilled; Treflan, Reflex, and Cotoran used for weed control; Temik used for insect control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	2.47	1.90	3.63	4.49	2.70	1.91

Trials conducted by J. Gasset, G. Ware, J. Griffin, B. Baerne, and L. Thompson.

## Midville, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
PHY 499 WRF	<b>2118</b>	42.1	86.2	1.21	30.0	4.7
DP 1137 B2RF	<b>2024</b>	43.6	84.7	1.18	28.0	4.3
GA2009100	1921	43.3	85.5	1.23	31.2	4.2
DP 1321 B2RF	1891	42.5	84.6	1.18	29.2	4.6
DP 1219 B2RF	1866	41.5	83.7	1.23	30.1	4.5
All-Tex LA122	1844	41.9	85.4	1.20	27.9	3.9
DP 1034 B2RF	1841	43.4	85.8	1.23	27.4	4.4
DP 1028 B2RF	1829	43.2	85.0	1.18	27.6	4.1
BRS 269	1820	39.2	84.6	1.24	32.2	4.0
PX-4339-CB WRF	1812	41.1	84.7	1.21	28.8	4.2
DP 1311 B2RF	1806	43.6	85.6	1.22	27.6	4.1
SSG CT Linwood	1797	39.8	85.3	1.18	31.6	4.0
FM1944 GLB2	1781	39.4	84.2	1.25	31.7	4.5
GA2006106	1762	39.7	85.6	1.28	31.8	3.9
BRS 335	1761	39.6	84.5	1.21	29.0	4.2
PX 4339-06 WRF	1757	42.2	85.3	1.23	28.7	4.1
NG 1511 B2RF	1750	44.0	84.3	1.17	28.8	4.6
DP 0912 B2RF	1746	40.8	85.1	1.15	28.9	5.0
GA2004143	1715	41.7	85.1	1.21	33.0	4.4
All-Tex Nitro 44 B2RF	1698	40.5	85.2	1.26	31.1	4.0
BX1346GLB2	1681	40.9	84.1	1.19	29.1	4.2
BRS293	1680	38.5	85.8	1.22	30.5	4.6
DG2595 B2RF	1660	41.6	83.8	1.20	28.4	4.4
SSG AU 222	1650	40.6	84.2	1.21	27.4	4.2
PHY 375 WRF	1644	42.0	84.5	1.18	27.6	3.8
BRS286	1610	40.1	85.4	1.22	30.1	4.3
All-Tex 7A21	1596	41.5	85.6	1.25	29.2	4.5
Dyna-Gro 2570B2RF	1561	40.6	84.6	1.20	29.0	4.6
GA2008057	1547	37.7	86.3	1.28	32.4	3.7
AM 1550 B2RF	1484	39.4	83.6	1.17	27.5	4.0
PHY 367 WRF	1484	40.7	85.0	1.21	29.4	4.0
SSG HQ 210 CT	1379	36.7	83.9	1.17	30.9	3.9
Average	1735	41.0	84.9	1.21	29.6	4.2
LSD 0.10	184	0.8	N.S. <sup>1</sup>	0.04	1.7	0.4
CV %	9.0	1.7	1.3	1.92	3.4	5.8

## Midville, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012 (Continued)

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\* A random quality sample was taken on the picker during cotton harvest and to determine percent lint fractions plot seed cotton was processed through a small gin in gin house on the UGA Tifton Campus.

1. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

Planted: May 8, 2012.

Harvested: October 26, 2012.

Seeding Rate: 4 seeds/foot in 36" rows.

Soil Type: Dothan loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: 30 lb N, 46 lb P<sub>2</sub>O<sub>5</sub>, and 60 lb K<sub>2</sub>O/acre. Sidedress: 65 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Prowl, Reflex, MSMA, Diuron, Envoke, and Volunteer used for weed control; Temik, Bidrin, Belt, Asana, and Deltamethrin used for insect control; Telone II used for nematode control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	6.15	5.83	3.50	8.10	2.00	0

Trials conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb, and R. Milton.

## Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
PX 4339-06 WRF	<b>747</b>	45.9	83.9	1.12	29.2	5.1
FM1944 GLB2	<b>689</b>	46.5	82.7	1.13	30.3	5.1
BRS286	<b>672</b>	46.6	83.3	1.13	28.3	4.9
DP 1028 B2RF	<b>648</b>	44.1	83.2	1.13	29.7	4.9
SSG CT Linwood	<b>634</b>	46.8	83.1	1.11	28.0	4.9
NG 1511 B2RF	<b>621</b>	48.5	82.2	1.10	29.0	5.2
BRS293	<b>619</b>	45.2	83.6	1.19	29.9	4.7
PX-4339-CB WRF	<b>616</b>	45.0	82.6	1.12	27.4	5.0
BX1346GLB2	<b>606</b>	46.9	84.2	1.16	29.9	5.0
DP 1321 B2RF	<b>605</b>	46.2	82.8	1.11	28.0	5.0
GA2004143	<b>603</b>	43.9	85.0	1.20	30.8	4.7
DP 0912 B2RF	<b>601</b>	43.7	83.3	1.16	29.0	5.1
PHY 375 WRF	<b>585</b>	44.3	83.1	1.15	29.7	4.9
DG2595 B2RF	<b>576</b>	47.2	83.0	1.11	29.2	5.1
DP 1034 B2RF	<b>575</b>	46.7	83.2	1.17	29.7	4.2
All-Tex LA122	<b>562</b>	46.5	84.7	1.17	30.1	5.0
Dyna-Gro 2570B2RF	<b>556</b>	45.5	82.4	1.12	29.3	5.1
GA2009100	<b>556</b>	46.9	81.3	1.10	29.2	5.5
DP 1219 B2RF	<b>554</b>	44.5	82.6	1.14	30.4	4.9
AM 1550 B2RF	<b>553</b>	44.8	82.6	1.09	28.8	5.4
PHY 367 WRF	<b>547</b>	41.6	84.5	1.18	31.6	4.9
All-Tex 7A21	<b>546</b>	44.9	82.7	1.10	30.2	4.9
DP 1311 B2RF	<b>540</b>	43.3	81.8	1.12	29.1	5.5
GA2006106	<b>535</b>	46.4	81.7	1.10	27.2	5.1
GA2008057	<b>535</b>	46.6	82.4	1.14	27.3	5.2
All-Tex Nitro 44 B2RF	<b>527</b>	45.0	83.1	1.07	30.4	4.7
SSG AU 222	<b>524</b>	44.0	82.2	1.09	28.5	4.8
PHY 499 WRF	<b>523</b>	47.8	84.7	1.15	28.4	5.4
SSG HQ 210 CT	<b>510</b>	44.4	82.0	1.16	30.2	4.9
DP 1137 B2RF	<b>491</b>	44.1	82.4	1.10	27.3	5.2
Average	582	45.5	83.0	1.13	29.2	5.0
LSD 0.10	N.S. <sup>1</sup>	2.4	N.S.	N.S.	N.S.	0.4
CV %	23.5	4.4	1.4	364	8.1	5.0

## Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012 (Continued)

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\* A random quality sample was taken on the picker during cotton harvest and to determine percent lint fractions plot seed cotton was processed through a small gin in gin house on the UGA Tifton Campus.

1. The F-test indicated no statistical differences at the  $\alpha = 0.10$  probability level; therefore an LSD value was not calculated.

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

Planted: May 2, 2012.

Harvested: October 18, 2012.

Seeding Rate: 4 seeds/foot in 36" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.3.

Fertilization: 21 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 60 lb K<sub>2</sub>O/acre. Sidedress: 80 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Treflan, Reflex, Diuron, Staple, and MSMA used for weed control; Orthene, Bidrin, Mustang Max, Baythroid, and Discipline used for insect control; Temik applied 5 lb/acre.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.36	3.49	3.91	2.28	3.64	1.50

Trials conducted by A. Coy, R. Brooke, D. Dunn, R. Pines, W. Jones, D. Pearce, and L. Thompson.

## Tifton, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2012

Variety	Lint Yield lb/acre	Lint* %	Uniformity		Strength* g/tex	Micronaire* units
			Index* %	Length* inches		
DP 1219 B2RF	<b>1572</b>	45.1	85.5	1.20	31.8	5.0
DP 1137 B2RF	<b>1561</b>	46.3	85.7	1.14	28.6	4.8
BRS293	<b>1478</b>	43.0	83.9	1.13	33.4	5.4
PHY 499 WRF	<b>1465</b>	46.5	84.3	1.11	33.5	5.1
DP 1321 B2RF	<b>1459</b>	44.4	84.4	1.11	30.3	5.0
DP 1034 B2RF	<b>1456</b>	46.8	85.2	1.16	28.5	5.1
DP 1028 B2RF	<b>1452</b>	47.4	84.9	1.14	28.9	5.1
Dyna-Gro 2570B2RF	<b>1421</b>	44.0	84.3	1.11	30.7	5.2
PX 4339-06 WRF	<b>1402</b>	45.0	85.1	1.16	30.4	5.0
FM1944 GLB2	1391	43.4	85.5	1.21	32.8	5.3
GA2004143	1388	45.4	85.6	1.19	34.0	5.0
DP 1311 B2RF	1366	46.2	83.9	1.15	28.2	5.0
All-Tex 7A21	1350	45.2	84.9	1.15	31.3	4.8
DP 0912 B2RF	1343	43.4	84.1	1.08	30.2	5.3
GA2009100	1342	45.6	83.8	1.17	32.8	4.8
BRS 269	1340	41.0	84.8	1.21	36.0	5.0
GA2006106	1340	42.0	85.4	1.18	33.6	4.8
PX-4339-CB WRF	1337	43.9	85.2	1.17	30.5	4.9
All-Tex Nitro 44 B2RF	1269	42.0	85.3	1.26	34.1	4.0
All-Tex LA122	1252	44.7	84.7	1.15	29.6	5.0
DG2595 B2RF	1245	43.5	82.7	1.13	30.5	5.4
SSG HQ 210 CT	1239	41.8	84.0	1.11	31.7	5.1
BRS 335	1213	42.8	86.1	1.19	31.7	3.6
PHY 367 WRF	1187	43.2	83.9	1.12	30.4	4.8
BRS286	1184	42.7	85.2	1.12	32.4	5.0
AM 1550 B2RF	1161	42.6	84.4	1.11	28.6	4.9
NG 1511 B2RF	1145	45.7	84.7	1.12	31.1	5.1
PHY 375 WRF	1134	44.6	83.8	1.13	29.9	4.8
SSG CT Linwood	1129	41.6	85.0	1.12	32.6	5.0
BX1346GLB2	1120	44.7	83.0	1.10	29.7	5.0
GA2008057	1048	40.7	85.2	1.21	32.8	4.3
SSG AU 222	988	42.6	84.7	1.16	29.3	4.8
Average	1306	44.0	84.6	1.15	31.2	4.9
LSD 0.10	179	0.7	1.5	0.04	1.6	0.5
CV %	11.7	1.4	1.0	2.26	3.0	5.5

**Tifton, Georgia:  
Dryland Earlier Maturity Cotton Variety Performance, 2012  
(Continued)**

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\* A random quality sample was taken on the picker during cotton harvest and to determine percent lint fractions plot seed cotton was processed through a small gin in gin house on the UGA Tifton Campus.

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

Planted: May 1, 2012.

Harvested: September 28, 2012.

Seeding Rate: 4 seeds/foot in 36' rows.

Soil Type: Tifton loam.

Soil Test: P = Medium, K = Medium, and pH = 5.9.

Fertilization: 18 lb N, 54 lb P<sub>2</sub>O<sub>5</sub>, and 108 lb K<sub>2</sub>O/acre. Sidedress: 80 lb N and 60 lb K<sub>2</sub>O/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled and bedded; Prowl, Cotoran and Reflex used for weed control; Bidrin and Tracer used for insect control; Temik applied 5 lb/acre.

	April	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	1.13	3.20	4.61	3.20	9.95	2.21	2.48

Trials conducted by A. Coy, R. Brooke, D. Dunn, S. Willis and Larry Thompson.



## Yield Summary of Dryland Earlier Maturity Cotton Varieties, 2012

Variety	Lint Yield <sup>a</sup>					Lint %	Unif. Index %	Length in	Strength g/tex	Mic. units
	Athens	Midville	Plains	Tifton	4-Loc. Average					
	----- lb/acre -----									
PHY 499 WRF	<b>1439</b> <sup>1</sup>	<b>2118</b> <sup>1</sup>	<b>523</b> <sup>26</sup>	<b>1465</b> <sup>4</sup>	<b>1386</b> <sup>1</sup>	46.3	84.4	1.14	30.4	5.2
DP 1137 B2RF	1168 <sup>4T</sup>	<b>2024</b> <sup>2</sup>	<b>491</b> <sup>28</sup>	<b>1561</b> <sup>2</sup>	<b>1311</b> <sup>2</sup>	45.3	84.0	1.14	27.7	4.8
GA2009100	<b>1330</b> <sup>2</sup>	1921 <sup>3</sup>	<b>556</b> <sup>17T</sup>	1342 <sup>15</sup>	<b>1287</b> <sup>3</sup>	45.5	83.4	1.16	31.3	4.9
DP 1219 B2RF	1150 <sup>7</sup>	1866 <sup>5</sup>	<b>554</b> <sup>18</sup>	<b>1572</b> <sup>1</sup>	<b>1285</b> <sup>4</sup>	44.8	83.5	1.18	30.8	4.8
DP 1028 B2RF	1143 <sup>8</sup>	1829 <sup>8</sup>	<b>648</b> <sup>4</sup>	<b>1452</b> <sup>7</sup>	<b>1268</b> <sup>5</sup>	45.3	84.2	1.14	28.8	4.7
DP 1321B2RF	1089 <sup>12</sup>	1891 <sup>4</sup>	<b>605</b> <sup>10</sup>	<b>1464</b> <sup>5</sup>	<b>1262</b> <sup>6</sup>	45.1	83.5	1.13	29.1	5.0
DP 1034 B2RF	1167 <sup>5</sup>	1841 <sup>7</sup>	<b>575</b> <sup>15</sup>	<b>1456</b> <sup>6</sup>	<b>1260</b> <sup>7</sup>	46.0	84.2	1.17	28.2	4.7
PX 4339-06 WRF	1105 <sup>10</sup>	1757 <sup>14</sup>	<b>747</b> <sup>1</sup>	<b>1402</b> <sup>9</sup>	1253 <sup>8</sup>	44.9	84.5	1.17	29.9	4.8
PX-4339-CB WRF	1151 <sup>6</sup>	1812 <sup>9</sup>	<b>616</b> <sup>8</sup>	1337 <sup>17</sup>	1229 <sup>9</sup>	44.4	83.7	1.15	29.2	4.8
BRS293	993 <sup>21T</sup>	1680 <sup>20</sup>	<b>619</b> <sup>7</sup>	<b>1478</b> <sup>3</sup>	1192 <sup>10</sup>	42.6	84.1	1.17	31.6	5.0
All-Tex LA122	1099 <sup>11</sup>	1844 <sup>6</sup>	<b>562</b> <sup>16</sup>	1252 <sup>19</sup>	1189 <sup>11</sup>	44.9	84.6	1.16	29.3	4.7
DP 1311B2RF	1039 <sup>17</sup>	1806 <sup>10</sup>	<b>540</b> <sup>22</sup>	1366 <sup>12</sup>	1188 <sup>12</sup>	44.8	83.4	1.17	28.0	4.9
FM1944 GLB2	865 <sup>28</sup>	1781 <sup>12</sup>	<b>689</b> <sup>2</sup>	1391 <sup>10</sup>	1181 <sup>13</sup>	43.4	83.8	1.19	31.5	5.0
DP 0912 B2RF	1026 <sup>19</sup>	1746 <sup>16</sup>	<b>601</b> <sup>12</sup>	1343 <sup>14</sup>	1179 <sup>14</sup>	43.6	83.5	1.12	29.1	5.3
GA2004143	997 <sup>20</sup>	1715 <sup>17</sup>	<b>603</b> <sup>11</sup>	1388 <sup>11</sup>	1176 <sup>15</sup>	44.6	85.0	1.20	32.5	4.8
GA2006106	961 <sup>25</sup>	1762 <sup>13</sup>	<b>535</b> <sup>23T</sup>	1340 <sup>16</sup>	1150 <sup>16</sup>	43.3	83.7	1.17	30.9	4.7
BX1346GLB2	1179 <sup>3</sup>	1681 <sup>19</sup>	<b>606</b> <sup>9</sup>	1120 <sup>28</sup>	1146 <sup>17</sup>	44.9	83.4	1.14	29.2	4.9
Dyna-Gro 2570B2RF	1042 <sup>16</sup>	1561 <sup>26</sup>	<b>556</b> <sup>17T</sup>	<b>1421</b> <sup>8</sup>	1145 <sup>18</sup>	44.0	83.6	1.14	29.2	5.0
NG 1511 B2RF	1048 <sup>15</sup>	1750 <sup>15</sup>	<b>621</b> <sup>6</sup>	1139 <sup>25</sup>	1140 <sup>19</sup>	46.6	83.4	1.13	29.6	5.0
SSG CT Linwood	984 <sup>23</sup>	1797 <sup>11</sup>	<b>634</b> <sup>5</sup>	1129 <sup>27</sup>	1136 <sup>20</sup>	43.3	83.9	1.12	30.8	4.9
PHY 375 WRF	1168 <sup>4T</sup>	1644 <sup>23</sup>	<b>585</b> <sup>13</sup>	1134 <sup>26</sup>	1133 <sup>21</sup>	44.6	83.5	1.14	29.0	4.6
DG2595 B2RF	1033 <sup>18</sup>	1660 <sup>21</sup>	<b>576</b> <sup>14</sup>	1245 <sup>20</sup>	1128 <sup>22</sup>	44.5	83.2	1.15	29.3	5.1
All-Tex Nitro 44 B2RF	973 <sup>24</sup>	1698 <sup>18</sup>	<b>527</b> <sup>24</sup>	1269 <sup>18</sup>	1117 <sup>23</sup>	43.4	84.3	1.19	31.5	4.3
BRS286	993 <sup>21T</sup>	1610 <sup>24</sup>	<b>672</b> <sup>3</sup>	1184 <sup>23</sup>	1115 <sup>24</sup>	43.1	83.8	1.14	30.8	4.8
All-Tex 7A21	960 <sup>26</sup>	1596 <sup>25</sup>	<b>546</b> <sup>21</sup>	1350 <sup>13</sup>	1113 <sup>25</sup>	43.9	84.0	1.16	29.8	4.8
PHY 367 WRF	1128 <sup>9</sup>	1484 <sup>28T</sup>	<b>547</b> <sup>20</sup>	1187 <sup>22</sup>	1086 <sup>26</sup>	43.0	84.1	1.16	30.2	4.7
AM 1550 B2RF	1056 <sup>14</sup>	1484 <sup>28T</sup>	<b>553</b> <sup>19</sup>	1161 <sup>24</sup>	1064 <sup>27</sup>	43.1	83.2	1.12	28.0	4.8
SSG HQ 210 CT	1067 <sup>13</sup>	1379 <sup>29</sup>	<b>510</b> <sup>27</sup>	1239 <sup>21</sup>	1049 <sup>28</sup>	42.4	83.0	1.13	30.6	4.8
SSG AU 222	992 <sup>22</sup>	1650 <sup>22</sup>	<b>524</b> <sup>25</sup>	988 <sup>30</sup>	1039 <sup>29</sup>	43	83.0	1.15	28.5	4.8
GA2008057	888 <sup>27</sup>	1547 <sup>27</sup>	<b>535</b> <sup>23T</sup>	1048 <sup>29</sup>	1004 <sup>30</sup>	42.1	84.3	1.19	31.7	4.5
Average	1074	1731	582	1307	1174	44.2	83.8	1.15	29.9	4.8
LSD 0.10	137	184	N.S. <sup>-1</sup>	179	12.6	1.5	0.8	0.03	1.4	0.3
CV %	10.8	9.0	23.5	11.7	11.9	2.7	1.2	0.03	5.1	4.8

<sup>a</sup> Superscripts indicate ranking at that location.

1. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

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

## Two-Year Summary of Dryland Earlier Maturity Cotton Varieties at Four Locations<sup>a</sup>, 2010-2012

Variety	Lint Yield lb/acre	Uniformity			Strength g/tex	Micronaire units
		Lint %	Index %	Length inches		
PHY 499 WRF	<b>1397</b>	46.3	84.1	1.12	30.8	4.8
DP 1028 B2RF	1288	46.3	84.1	1.14	28.4	4.6
NG 1511 B2RF	1257	46.0	83.6	1.11	30	4.8
DP 0912 B2RF	1253	43.5	83.7	1.12	29.5	5.0
Dyna-Gro 2570B2RF	1182	43.3	83.6	1.12	29.4	4.7
All-Tex 7A21	1171	44.0	83.9	1.15	30.0	4.7
BRS293	1169	42.0	83.6	1.13	32.3	4.9
AM 1550 B2RF	1156	43.4	83.5	1.11	27.4	4.6
All-Tex LA122	1143	44.6	84.0	1.14	28.5	4.5
PHY 375 WRF	1142	44.4	83.4	1.11	28.6	4.3
GA2004143	1131	44.9	84.4	1.18	32.2	4.6
BRS286	1116	42.0	83.4	1.11	30.6	4.6
All-Tex Nitro 44 B2RF	1099	42.4	84.5	1.20	31.9	4.0
PHY 367 WRF	1086	43.5	83.8	1.14	29.9	4.4
GA2006106	1078	42.6	83.7	1.16	31.4	4.5
SSG HQ 210 CT	1064	41.9	82.8	1.12	30.6	4.7
SSG CT Linwood	1007	43.4	83.4	1.10	31.4	4.9
GA2008057	932	41.6	84.3	1.17	32.2	4.4
Average	1148	43.7	83.8	1.13	30.3	4.6
LSD 0.10	72	0.4	0.5	0.02	0.9	0.1
CV %	15.3	2.5	2.5	1.01	5.1	5.0

<sup>a</sup> Athens, Midville, Plains, and Tifton.

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