

Athens, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2014

| Variety | Lint Yield lb/acre | Lint* % | Uniformity | Length* inches | Strength* g/tex | Micronaire* |
|----------------|-----------------------|------------|-------------------|-------------------|--------------------|-------------|
| | | | Index* % | | | |
| PHY 444 WRF | 1448 | 46.7 | 83.3 | 1.19 | 30.8 | 4.5 |
| PHY 487 WRF | 1432 | 42.6 | 80.9 | 1.05 | 28.3 | 5.1 |
| PHY 499 WRF | 1396 | 44.5 | 82.2 | 1.08 | 30.4 | 5.0 |
| ST 4946GLB2 | 1282 | 42.9 | 81.6 | 1.12 | 29.5 | 5.0 |
| PHY 333 WRF | 1266 | 45.2 | 82.3 | 1.12 | 30.1 | 4.8 |
| ST 5032GLT | 1262 | 42.1 | 81.3 | 1.15 | 29.5 | 4.4 |
| NG 1511 B2RF | 1242 | 43.8 | 84.6 | 1.11 | 30.2 | 4.8 |
| PHY 427 WRF | 1227 | 42.1 | 82.1 | 1.10 | 29.6 | 4.6 |
| PHY 339 WRF | 1214 | 43.2 | 82.9 | 1.11 | 29.7 | 4.6 |
| BX 5115GLT | 1195 | 44.2 | 81.0 | 1.10 | 30.4 | 4.8 |
| SSG UA 222 | 1171 | 43.9 | 82.9 | 1.13 | 29.8 | 5.0 |
| MON 12R224B2R2 | 1168 | 42.8 | 81.0 | 1.14 | 28.5 | 4.9 |
| DP 1137 B2RF | 1162 | 43.7 | 81.6 | 1.07 | 27.7 | 5.3 |
| DP 1321 B2RF | 1107 | 43.1 | 81.4 | 1.13 | 30.0 | 4.8 |
| SSG HQ 210 CT | 1085 | 41.4 | 80.7 | 1.04 | 29.1 | 5.3 |
| ST 4747GLB2 | 1083 | 43.3 | 81.3 | 1.12 | 27.2 | 4.9 |
| DP 1133 B2RF | 1077 | 44.4 | 83.2 | 1.12 | 30.6 | 5.2 |
| BRS 335 | 1063 | 43.1 | 81.7 | 1.07 | 28.5 | 5.0 |
| GA 2010074 | 1059 | 42.2 | 83.3 | 1.13 | 30.1 | 5.3 |
| DP 0912 B2RF | 1050 | 42.8 | 81.5 | 1.07 | 28.6 | 5.2 |
| GA 2010102 | 1016 | 40.6 | 83.2 | 1.14 | 34.7 | 5.4 |
| SSG CT Linwood | 1013 | 43.6 | 82.4 | 1.04 | 30.8 | 5.6 |
| DG 2355 B2RF | 985 | 41.2 | 81.6 | 1.09 | 28.8 | 4.9 |
| GA 2009037 | 850 | 43.0 | 82.1 | 1.13 | 31.0 | 5.1 |
| BRS 293 | 830 | 42.1 | 81.8 | 1.09 | 31.2 | 5.1 |
| GA 2009100 | 770 | 39.8 | 83.0 | 1.15 | 32.2 | 5.5 |
| BRS 286 | 676 | 42.0 | 81.1 | 1.03 | 29.7 | 5.2 |
| Average | 1116 | 43.0 | 82.1 | 1.10 | 29.9 | 5.0 |
| LSD 0.10 | 202 | 0.9 | N.S. ¹ | 0.03 | 2.0 | 0.3 |
| CV % | 15.4 | 1.7 | 1.5 | 1.60 | 3.9 | 3.8 |

* A random sample was taken on the picker during harvest and ginned in a small gin in the gin house on the UGA Tifton Campus to determine percent lint fraction. A lint sample was sent to the USDA classing office in Macon, GA, for quality testing.

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 7, 2014.

Harvested: October 31, 2014.

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

Soil Type: Cecil sandy loam.

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

Fertilization: 60 lb N, 60 lb P₂O₅, and 60 lb K₂O/acre. Sidedress: 0 lb N/acre.

Previous Crop: Soybeans.

Management: Disked, chisel plowed, and field cultivated; Trifurian used for weed control; Telone II used for nematode control; Pix used for PGR.

| | | | | | | |
|----------------|------|------|------|------|-------|------|
| | May | June | July | Aug. | Sept. | Oct. |
| Rainfall (in): | 4.11 | 4.72 | 2.92 | 2.26 | 1.22 | 2.78 |

Trials conducted by H. Jordan, G. Ware, and K. Roach.

Midville, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2014

| Variety | Lint Yield lb/acre | Lint* % | Uniformity | Length* inches | Strength* g/tex | Micronaire* |
|----------------|-----------------------|------------|-------------|-------------------|--------------------|-------------|
| | | | Index* % | | | |
| NG 1511 B2RF | 2031 | 45.3 | 83.2 | 1.14 | 31.6 | 4.7 |
| PHY 333 WRF | 1942 | 43.5 | 84.4 | 1.21 | 32.7 | 4.1 |
| ST 4946GLB2 | 1882 | 42.3 | 83.1 | 1.15 | 31.0 | 4.5 |
| PHY 499 WRF | 1853 | 44.2 | 83.1 | 1.15 | 32.2 | 4.3 |
| PHY 444 WRF | 1815 | 43.1 | 83.9 | 1.26 | 31.9 | 3.6 |
| DP 0912 B2RF | 1812 | 41.0 | 83.3 | 1.13 | 30.6 | 4.7 |
| PHY 339 WRF | 1770 | 41.6 | 83.6 | 1.21 | 31.3 | 4.2 |
| ST 4747GLB2 | 1762 | 41.3 | 83.3 | 1.21 | 30.5 | 4.2 |
| SSG UA 222 | 1759 | 42.3 | 82.5 | 1.19 | 31.5 | 3.6 |
| DP 1133 B2RF | 1735 | 45.5 | 84.5 | 1.18 | 32.4 | 4.5 |
| GA 2010074 | 1707 | 40.3 | 83.6 | 1.20 | 33.0 | 4.4 |
| PHY 487 WRF | 1704 | 41.8 | 83.0 | 1.15 | 30.6 | 4.4 |
| MON 12R224B2R2 | 1672 | 40.4 | 84.3 | 1.19 | 29.5 | 4.3 |
| DP 1321 B2RF | 1670 | 42.2 | 83.9 | 1.17 | 32.0 | 4.9 |
| BX 5115GLT | 1638 | 41.3 | 82.8 | 1.15 | 30.8 | 4.4 |
| GA 2009100 | 1631 | 38.7 | 84.1 | 1.19 | 33.8 | 4.9 |
| SSG CT Linwood | 1590 | 41.5 | 82.8 | 1.16 | 33.4 | 4.8 |
| SSG HQ 210 CT | 1589 | 39.1 | 83.4 | 1.14 | 33.7 | 4.6 |
| BRS 293 | 1583 | 40.6 | 83.3 | 1.15 | 34.1 | 4.6 |
| GA 2009037 | 1581 | 40.3 | 82.8 | 1.20 | 31.6 | 4.4 |
| ST 5032GLT | 1576 | 40.1 | 83.7 | 1.23 | 32.5 | 4.1 |
| PHY 427 WRF | 1573 | 39.8 | 82.5 | 1.17 | 30.5 | 3.9 |
| DP 1137 B2RF | 1547 | 42.7 | 82.8 | 1.15 | 29.7 | 4.4 |
| BRS 335 | 1524 | 40.1 | 83.4 | 1.21 | 32.9 | 4.1 |
| GA 2010102 | 1490 | 37.9 | 84.0 | 1.19 | 35.5 | 4.7 |
| DG 2355 B2RF | 1363 | 38.0 | 83.9 | 1.17 | 30.6 | 4.1 |
| BRS 286 | 1348 | 39.6 | 81.7 | 1.15 | 31.5 | 4.4 |
| Average | 1672 | 41.3 | 83.3 | 1.20 | 31.9 | 4.3 |
| LSD 0.10 | 138 | 1.4 | 1.2 | 0.03 | 2.3 | 0.3 |
| CV % | 7.0 | 2.9 | 0.8 | 1.60 | 4.2 | 4.7 |

* A random sample was taken on the picker during harvest and ginned in a small gin in the gin house on the UGA Tifton Campus to determine percent lint fraction. A lint sample was sent to the USDA classing office in Macon, GA, for quality testing.

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

Planted: May 14, 2014.

Harvested: October 22, 2014.

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

Soil Type: Dothan loamy sand.

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

Fertilization: 30 lb N, 80 lb P₂O₅, and 70 lb K₂O/acre. Sidedress: 80 lb N/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Acumen, Reflex, Prowl, Staple, Warrant, Acephate, Layby Pro, and MSMA used for weed control; Bidrin and Prevathon used for insect control; Telone II used for nematode control.

| | | | | | | |
|----------------|------|------|------|------|-------|------|
| | May | June | July | Aug. | Sept. | Oct. |
| Rainfall (in): | 9.21 | 2.98 | 5.95 | 2.58 | 3.73 | 0.33 |

Trials conducted by A. Coy, R. Brooke, D. Dunn, and B. McCranie.

Plains, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2014

| Variety | Lint Yield lb/acre | Lint* % | Uniformity | Length* inches | Strength* g/tex | Micronaire* |
|----------------|-----------------------|------------|-------------|-------------------|--------------------|-------------|
| | | | Index* % | | | |
| PHY 333 WRF | 738 | 43.0 | 82.3 | 1.12 | 27.5 | 3.9 |
| NG 1511 B2RF | 696 | 42.0 | 81.4 | 1.09 | 29.0 | 4.4 |
| ST 4747GLB2 | 642 | 40.8 | 81.6 | 1.18 | 28.7 | 4.1 |
| DP 1321 B2RF | 586 | 41.3 | 83.1 | 1.13 | 30.5 | 4.6 |
| BX 5115GLT | 576 | 40.6 | 80.1 | 1.10 | 30.4 | 3.9 |
| ST 4946GLB2 | 568 | 40.4 | 82.5 | 1.14 | 30.7 | 4.1 |
| DP 1133 B2RF | 556 | 43.5 | 82.3 | 1.10 | 30.0 | 4.6 |
| DP 0912 B2RF | 553 | 40.4 | 81.0 | 1.07 | 28.6 | 4.5 |
| PHY 499 WRF | 543 | 43.0 | 82.4 | 1.09 | 30.3 | 4.5 |
| SSG CT Linwood | 538 | 40.4 | 82.1 | 1.08 | 29.9 | 5.0 |
| MON 12R224B2R2 | 537 | 38.6 | 82.7 | 1.14 | 28.2 | 4.0 |
| SSG UA 222 | 536 | 40.6 | 81.7 | 1.14 | 29.5 | 4.4 |
| PHY 427 WRF | 535 | 40.1 | 80.9 | 1.09 | 28.6 | 3.8 |
| GA 2009100 | 530 | 38.7 | 81.2 | 1.11 | 30.9 | 4.6 |
| DG 2355 B2RF | 511 | 36.7 | 81.2 | 1.11 | 29.4 | 4.3 |
| DP 1137 B2RF | 501 | 41.2 | 81.6 | 1.08 | 27.7 | 4.3 |
| PHY 444 WRF | 492 | 42.6 | 81.2 | 1.20 | 29.5 | 3.7 |
| BRS 335 | 491 | 39.1 | 81.7 | 1.11 | 29.2 | 4.1 |
| PHY 339 WRF | 475 | 40.7 | 82.8 | 1.15 | 30.7 | 3.8 |
| PHY 487 WRF | 469 | 40.2 | 80.8 | 1.09 | 27.7 | 4.3 |
| BRS 286 | 456 | 39.2 | 80.7 | 1.10 | 29.8 | 4.3 |
| GA 2009037 | 454 | 39.9 | 79.2 | 1.11 | 28.5 | 4.3 |
| SSG HQ 210 CT | 446 | 37.4 | 81.4 | 1.12 | 30.8 | 4.4 |
| GA 2010074 | 420 | 38.9 | 81.3 | 1.12 | 29.5 | 4.7 |
| ST 5032GLT | 399 | 37.6 | 81.4 | 1.16 | 32.3 | 3.5 |
| GA 2010102 | 384 | 38.8 | 82.1 | 1.14 | 34.2 | 4.6 |
| BRS 293 | 367 | 39.2 | 81.9 | 1.08 | 31.3 | 4.4 |
| Average | 518 | 40.2 | 81.6 | 1.10 | 29.7 | 4.2 |
| LSD 0.10 | 124 | 1.3 | 1.6 | 0.04 | 2.1 | 0.4 |
| CV % | 20.4 | 2.7 | 1.1 | 1.99 | 4.2 | 5.52 |

* A random sample was taken on the picker during harvest and ginned in a small gin in the gin house on the UGA Tifton Campus to determine percent lint fraction. A lint sample was sent to the USDA classing office in Macon, GA, for quality testing.

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

Planted: May 12, 2014.

Harvested: November 6, 2014.

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

Soil Type: Greenville sandy loam.

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

Fertilization: 21 lb N, 55 lb P₂O₅, and 60 lb K₂O/acre. Sidedress: 85 lb N/acre.

Previous Crop: Corn.

Management: Disked, chisel plowed, subsoiled, and bedded; Prowl, Reflex, Staple, Diuron, and MSMA used for weed control; Orthene, Bidrin, and Bifenthrin used for insect control; Mepiquat used for PGR.

| | | | | | | | | | |
|----------------|------|------|------|------|------|------|-------|------|------|
| Rainfall (in): | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. |
| | 3.40 | 7.91 | 1.25 | 1.87 | 2.70 | 1.00 | 2.67 | 2.85 | 4.28 |

Trials conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

Tifton, Georgia: Dryland Earlier Maturity Cotton Variety Performance, 2014

| Variety | Lint Yield lb/acre | Lint* % | Uniformity | Length* inches | Strength* g/tex | Micronaire* units |
|----------------|-----------------------|------------|-------------|-------------------|--------------------|----------------------|
| | | | Index* % | | | |
| DP 0912 B2RF | 1790 | 42.7 | 84.0 | 1.11 | 30.9 | 4.7 |
| NG 1511 B2RF | 1611 | 43.1 | 83.3 | 1.13 | 31.4 | 4.8 |
| PHY 339 WRF | 1599 | 42.9 | 84.0 | 1.22 | 32.1 | 4.1 |
| ST 5115GLT | 1594 | 41.7 | 83.6 | 1.16 | 32.5 | 4.2 |
| PHY 444 WRF | 1583 | 44.7 | 85.3 | 1.26 | 33.4 | 4.0 |
| PHY 499 WRF | 1580 | 43.6 | 84.8 | 1.14 | 33.4 | 4.7 |
| ST 5032GLT | 1570 | 39.6 | 83.7 | 1.21 | 31.4 | 4.1 |
| PHY 487 WRF | 1557 | 43.3 | 83.1 | 1.13 | 30.1 | 4.4 |
| SSG UA 222 | 1556 | 41.5 | 84.4 | 1.24 | 33.2 | 4.4 |
| DP 1133 B2RF | 1536 | 44.8 | 85.4 | 1.19 | 32.5 | 4.8 |
| PHY 333 WRF | 1532 | 44.3 | 84.1 | 1.17 | 30.5 | 4.3 |
| PHY 427 WRF | 1506 | 41.3 | 83.8 | 1.16 | 31.0 | 4.2 |
| BRS 335 | 1463 | 40.2 | 84.4 | 1.19 | 32.2 | 4.1 |
| DP 1321 B2RF | 1438 | 43.3 | 84.6 | 1.18 | 32.1 | 4.8 |
| GA 2010074 | 1431 | 41.2 | 84.7 | 1.22 | 35.6 | 4.7 |
| ST 4747GLB2 | 1414 | 42.4 | 83.0 | 1.21 | 30.5 | 4.2 |
| GA 2009037 | 1405 | 42.0 | 84.0 | 1.19 | 33.4 | 4.4 |
| BRS 286 | 1392 | 41.0 | 83.3 | 1.17 | 33.5 | 4.4 |
| DP 1137 B2RF | 1374 | 43.0 | 83.9 | 1.16 | 30.4 | 4.5 |
| SSG HQ 210 CT | 1352 | 38.6 | 83.2 | 1.13 | 31.2 | 4.2 |
| DG 2355 B2RF | 1343 | 39.5 | 83.0 | 1.16 | 30.6 | 4.1 |
| BRS 293 | 1334 | 40.9 | 83.3 | 1.12 | 32.2 | 4.6 |
| ST 4946GLB2 | 1329 | 41.1 | 84.1 | 1.19 | 33.5 | 4.4 |
| GA 2009100 | 1300 | 38.9 | 84.3 | 1.18 | 35.2 | 4.9 |
| MON 12R224B2R2 | 1164 | 42.4 | 84.1 | 1.17 | 30.8 | 4.2 |
| SSG CT Linwood | 1159 | 40.6 | 84.2 | 1.12 | 32.4 | 5.0 |
| GA 2010102 | 1152 | 40.0 | 84.8 | 1.19 | 36.0 | 4.9 |
| Average | 1447 | 41.8 | 84.0 | 1.17 | 32.3 | 4.4 |
| LSD 0.10 | 232 | 1.0 | 1.2 | 0.04 | 1.9 | 0.4 |
| CV % | 13.6 | 2.0 | 0.8 | 1.81 | 3.4 | 4.6 |

* A random sample was taken on the picker during harvest and ginned in a small gin in the gin house on the UGA Tifton Campus to determine percent lint fraction. A lint sample was sent to the USDA classing office in Macon, GA, for quality testing.

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

Planted: May 6, 2014.

Harvested: October 2, 2014.

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

Soil Type: Tifton sandy loam.

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

Fertilization: 18 lb N, 36 lb P₂O₅, and 108 lb K₂O/acre. Sidedress: 75 lb N and 30 lb K₂O/acre.

Previous Crop: Peanuts.

Management: Disked, subsoiled, and bedded; Reflex, Cotoran, and Prowl used for weed control; Orthene, Bidrin, and Blackhawk used for insect control.

| | | | | | |
|----------------------|------|------|------|------|-------|
| (Gibbs Farm, Tifton) | May | June | July | Aug. | Sept. |
| Rainfall (in): | 6.10 | 2.96 | 2.82 | 3.38 | 5.93 |

Trials conducted by A. Coy, S. Willis, R. Brooke, D. Dunn, and B. McCranie.

Yield Summary of Dryland Earlier Maturity Cotton Varieties, 2014

| Variety | Lint Yield ^a | | | | | 4-Loc. Average | Lint % | Unif. Index % | Length in | Strength g/tex | Mic. units |
|----------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------|-----------|---------------------|--------------|-------------------|---------------|
| | Athens | Midville | Plains | Tifton | lb/acre | | | | | | |
| NG 1511 B2RF | 1242 ⁷ | 2031 ¹ | 696 ² | 1611 ² | 1395 ¹ | 43.6 | 83.1 | 1.11 | 30.5 | 4.6 | |
| PHY 333 WRF | 1266 ⁵ | 1942 ² | 738 ¹ | 1532 ¹¹ | 1369 ² | 44.0 | 83.3 | 1.15 | 30.2 | 4.3 | |
| PHY 499 WRF | 1396 ³ | 1853 ⁴ | 543 ⁹ | 1580 ⁶ | 1343 ³ | 43.8 | 83.1 | 1.11 | 31.6 | 4.6 | |
| PHY 444 WRF | 1448 ¹ | 1815 ⁵ | 492 ¹⁷ | 1583 ⁵ | 1335 ⁴ | 44.3 | 83.4 | 1.23 | 31.4 | 3.9 | |
| DP 0912 B2RF | 1050 ²⁰ | 1812 ⁶ | 553 ⁸ | 1790 ¹ | 1301 ⁵ | 41.7 | 82.4 | 1.09 | 29.6 | 4.7 | |
| PHY 487 WRF | 1432 ² | 1704 ¹² | 469 ²⁰ | 1557 ⁸ | 1290 ⁶ | 42.0 | 82.0 | 1.10 | 29.2 | 4.5 | |
| ST 4946GLB2 | 1282 ⁴ | 1882 ³ | 568 ⁶ | 1329 ²³ | 1265 ⁷ | 41.6 | 82.8 | 1.15 | 31.2 | 4.5 | |
| PHY 339 WRF | 1214 ⁹ | 1770 ⁷ | 475 ¹⁹ | 1599 ³ | 1264 ⁸ | 42.1 | 83.3 | 1.17 | 30.9 | 4.1 | |
| SSG UA 222 | 1171 ¹¹ | 1759 ⁹ | 536 ¹² | 1556 ⁹ | 1256 ⁹ | 42.1 | 82.9 | 1.17 | 31.0 | 4.3 | |
| BX 5115GLT | 1195 ¹⁰ | 1638 ¹⁵ | 576 ⁵ | 1594 ⁴ | 1251 ¹⁰ | 42.0 | 81.9 | 1.13 | 31.0 | 4.3 | |
| DP 1133 B2RF | 1077 ¹⁷ | 1735 ¹⁰ | 556 ⁷ | 1536 ¹⁰ | 1226 ¹¹ | 44.5 | 83.8 | 1.15 | 31.3 | 4.8 | |
| ST 4747GLB2 | 1083 ¹⁶ | 1762 ⁸ | 642 ³ | 1414 ¹⁶ | 1225 ¹² | 42.0 | 82.3 | 1.18 | 29.2 | 4.3 | |
| PHY 427 WRF | 1227 ⁸ | 1573 ²² | 535 ¹³ | 1506 ¹² | 1210 ¹³ | 40.8 | 82.3 | 1.13 | 29.9 | 4.1 | |
| ST 5032GLT | 1262 ⁶ | 1576 ²¹ | 399 ²⁵ | 1570 ⁷ | 1202 ¹⁴ | 39.8 | 82.5 | 1.19 | 31.4 | 4.0 | |
| DP 1321 B2RF | 1107 ¹⁴ | 1670 ¹⁴ | 586 ⁴ | 1438 ¹⁴ | 1200 ¹⁵ | 42.5 | 83.2 | 1.15 | 31.1 | 4.7 | |
| GA 2010074 | 1059 ¹⁹ | 1707 ¹¹ | 420 ²⁴ | 1431 ¹⁵ | 1154 ¹⁶ | 40.7 | 83.2 | 1.17 | 32.0 | 4.7 | |
| DP 1137 B2RF | 1162 ¹³ | 1547 ²³ | 501 ¹⁶ | 1374 ¹⁹ | 1146 ¹⁷ | 42.7 | 82.5 | 1.11 | 28.8 | 4.6 | |
| BRS 335 | 1063 ¹⁸ | 1524 ²⁴ | 491 ¹⁸ | 1463 ¹³ | 1135 ^{18T} | 40.6 | 82.8 | 1.14 | 30.7 | 4.3 | |
| MON 12R224B2R2 | 1168 ¹² | 1672 ¹³ | 537 ¹¹ | 1164 ²⁵ | 1135 ^{18T} | 41.0 | 83.0 | 1.16 | 29.2 | 4.3 | |
| SSG HQ 210 CT | 1085 ¹⁵ | 1589 ¹⁸ | 446 ²³ | 1352 ²⁰ | 1118 ¹⁹ | 39.1 | 82.2 | 1.11 | 31.2 | 4.6 | |
| SSG CT Linwood | 1013 ²² | 1590 ¹⁷ | 538 ¹⁰ | 1159 ²⁶ | 1075 ²⁰ | 41.5 | 82.9 | 1.10 | 31.6 | 5.1 | |
| GA 2009037 | 850 ²⁴ | 1581 ²⁰ | 454 ²² | 1405 ¹⁷ | 1072 ²¹ | 41.3 | 82.0 | 1.16 | 31.1 | 4.5 | |
| GA 2009100 | 770 ²⁶ | 1631 ¹⁶ | 530 ¹⁴ | 1300 ²⁴ | 1058 ²² | 39.0 | 83.1 | 1.16 | 33.0 | 5.0 | |
| DG 2355 B2RF | 985 ²³ | 1363 ²⁶ | 511 ¹⁵ | 1343 ²¹ | 1051 ²³ | 38.9 | 82.4 | 1.13 | 29.8 | 4.3 | |
| BRS 293 | 830 ²⁵ | 1583 ¹⁹ | 367 ²⁷ | 1334 ²² | 1029 ²⁴ | 40.7 | 82.5 | 1.11 | 32.2 | 4.7 | |
| GA 2010102 | 1016 ²¹ | 1490 ²⁵ | 384 ²⁶ | 1152 ²⁷ | 1011 ²⁵ | 39.3 | 83.5 | 1.16 | 35.1 | 4.9 | |
| BRS 286 | 676 ²⁷ | 1348 ²⁷ | 456 ²¹ | 1392 ¹⁸ | 968 ²⁶ | 40.4 | 81.7 | 1.11 | 31.1 | 4.6 | |
| Average | 1116 | 1672 | 518 | 1447 | 1188 | 41.6 | 82.7 | 1.14 | 30.9 | 4.5 | |
| LSD 0.10 | 202 | 138 | 124 | 232 | 134 | 0.8 | 0.8 | 0.02 | 1.0 | 0.2 | |
| CV % | 15.4 | 7.0 | 20.4 | 13.6 | 12.8 | 2.4 | 1.1 | 1.80 | 4.0 | 4.6 | |

^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 of Dryland Earlier Maturity Cotton Varieties at Four Locations^a, 2013-2014

| Variety | Lint Yield lb/acre | Lint % | Uniformity | | Length inches | Strength g/tex | Micronaire units |
|----------------|-----------------------|-----------|------------|--|------------------|-------------------|---------------------|
| | | | Index % | | | | |
| PHY 333 WRF | 1599 | 44.8 | 83.9 | | 1.17 | 30.9 | 4.3 |
| PHY 499 WRF | 1571 | 44.7 | 83.5 | | 1.13 | 32.1 | 4.7 |
| PHY 444 WRF | 1562 | 44.6 | 83.8 | | 1.24 | 31.6 | 3.8 |
| PHY 487 WRF | 1532 | 43.1 | 82.6 | | 1.12 | 29.8 | 4.5 |
| NG 1511 B2RF | 1525 | 44.3 | 83.6 | | 1.13 | 30.9 | 4.7 |
| ST 4946GLB2 | 1485 | 42.4 | 83.0 | | 1.14 | 31.3 | 4.6 |
| PHY 399 WRF | 1468 | 42.8 | 83.7 | | 1.18 | 31.0 | 4.3 |
| DP 0912 B2RF | 1451 | 42.0 | 82.9 | | 1.11 | 30.2 | 4.7 |
| SSG AU 222 | 1444 | 42.7 | 83.4 | | 1.18 | 30.8 | 4.4 |
| PHY 427 WRF | 1414 | 41.4 | 82.9 | | 1.15 | 30.7 | 4.1 |
| SSG HQ 210 CT | 1392 | 40.5 | 82.4 | | 1.11 | 31.0 | 4.6 |
| DP 1321 B2RF | 1381 | 43.4 | 83.6 | | 1.14 | 31.0 | 4.8 |
| GA 2009037 | 1347 | 42.0 | 82.3 | | 1.17 | 31.2 | 4.6 |
| SSG CT Linwood | 1293 | 42.5 | 83.5 | | 1.12 | 32.7 | 5.0 |
| GA 2009100 | 1282 | 41.5 | 83.8 | | 1.18 | 33.3 | 4.6 |
| Average | 1450 | 42.9 | 83.3 | | 1.15 | 31.2 | 4.5 |
| LSD 0.10 | 68 | 0.4 | 0.6 | | 0.01 | 0.8 | 0.1 |
| CV % | 11.3 | 2.4 | 1.2 | | 2.0 | 4.2 | 4.8 |

^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).