

## Plains, Georgia:

### Earlier Maturity Cotton Variety Performance, 2011, Irrigated

| Variety              | Lint Yield<br>lb/acre | Lint<br>% | Uniformity  | Length*<br>inches | Strength*<br>g/tex | Micronaire*<br>units |
|----------------------|-----------------------|-----------|-------------|-------------------|--------------------|----------------------|
|                      |                       |           | Index*<br>% |                   |                    |                      |
| ST 4145LLB2          | <b>2150</b>           | 41.6      | 83.9        | 1.20              | 31.2               | 4.0                  |
| DP 0912 B2RF         | <b>2022</b>           | 42.6      | 84.9        | 1.17              | 30.3               | 4.5                  |
| AM1511 B2RF          | <b>1957</b>           | 44.1      | 84.7        | 1.18              | 29.4               | 4.5                  |
| DP 1133 B2RF         | <b>1947</b>           | 44.1      | 85.1        | 1.21              | 30.9               | 4.3                  |
| PHY 367 WRF          | <b>1931</b>           | 42.1      | 84.9        | 1.21              | 29.9               | 4.1                  |
| ST 4288B2F           | <b>1924</b>           | 39.2      | 84.6        | 1.22              | 31.1               | 4.2                  |
| All-Tex ATX3039 B2RF | <b>1912</b>           | 43.0      | 84.0        | 1.19              | 28.4               | 3.9                  |
| CG 3787 B2RF         | <b>1908</b>           | 43.9      | 85.3        | 1.18              | 28.2               | 4.4                  |
| BX 1252LLB2          | 1849                  | 40.8      | 85.3        | 1.22              | 30.7               | 3.9                  |
| All-Tex 7A21         | 1848                  | 43.0      | 85.4        | 1.23              | 32.2               | 4.1                  |
| BX 1262B2F           | 1821                  | 41.7      | 85.7        | 1.21              | 31.2               | 4.3                  |
| PHY 375 WRF          | 1806                  | 43.0      | 84.4        | 1.19              | 28.3               | 4.0                  |
| DP 0920 B2RF         | 1798                  | 42.0      | 85.2        | 1.18              | 28.9               | 4.4                  |
| PHY 499 WRF          | 1778                  | 45.7      | 85.1        | 1.19              | 32.8               | 4.3                  |
| All-Tex LA122        | 1772                  | 43.7      | 85.2        | 1.21              | 29.4               | 4.3                  |
| AM 1550 B2RF         | 1752                  | 41.2      | 84.6        | 1.18              | 28.9               | 4.3                  |
| Dyna-Gro 2570B2RF    | 1722                  | 42.4      | 85.7        | 1.20              | 31.7               | 4.0                  |
| BCSX 1150B2RF        | 1677                  | 38.0      | 85.6        | 1.26              | 34.6               | 4.3                  |
| FM1740B2RF           | 1667                  | 41.3      | 84.6        | 1.22              | 29.4               | 3.9                  |
| DP 1028 B2RF         | 1664                  | 44.6      | 85.4        | 1.17              | 29.0               | 4.6                  |
| DP 0924 B2RF         | 1661                  | 41.5      | 84.5        | 1.16              | 30.2               | 4.2                  |
| DP 0949B2RF          | 1624                  | 42.9      | 84.8        | 1.20              | 30.4               | 4.4                  |
| All-Tex ATX81144     | 1595                  | 40.3      | 85.6        | 1.27              | 32.2               | 3.5                  |
| GA2004143            | 1577                  | 43.2      | 86.1        | 1.26              | 33.3               | 4.0                  |
| BRS286               | 1567                  | 40.6      | 83.8        | 1.18              | 31.6               | 4.2                  |
| SSG HQ 210 CT        | 1541                  | 40.6      | 84.3        | 1.17              | 32.9               | 4.3                  |
| GA2008057            | 1452                  | 40.9      | 85.3        | 1.23              | 34.4               | 4.0                  |
| GA2006106            | 1358                  | 40.5      | 85.0        | 1.25              | 33.7               | 3.8                  |
| SSG CT Linwood       | 1256                  | 41.6      | 84.9        | 1.15              | 33.1               | 4.6                  |
| BRS293               | 1246                  | 39.2      | 83.6        | 1.20              | 37.5               | 4.3                  |
| SSG CT310 HQ         | 1194                  | 39.1      | 84.7        | 1.18              | 34.7               | 4.5                  |
| Average              | 1709                  | 41.9      | 84.9        | 1.20              | 31.3               | 4.2                  |
| LSD 0.10             | 270                   | 1.0       | 1.0         | 0.02              | 2.5                | 0.3                  |
| CV %                 | 13.4                  | 2.1       | 0.7         | 1.42              | 4.7                | 4.1                  |

\* 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 5, 2011.

Harvested: October 7, 2011.

Soil Type:

Fertilization: 100 lb N, 88 lb P<sub>2</sub>O<sub>5</sub>, and 24 lb K<sub>2</sub>O/acre.

Management: Temik applied 5 lb/acre.

|                  | April | May  | June | July | Aug. | Sept. |
|------------------|-------|------|------|------|------|-------|
| Irrigation (in): | 0     | 3.70 | 0.70 | 0    | 4.00 | 0     |
| Rainfall (in):   | 2.01  | 0.03 | 1.12 | 7.00 | 1.50 | 3.38  |

Trials conducted by Larry Thompson.