

Conventional Cotton Variety Trial, 2007
Farmer Cooperator: Shep Morris - "Morris and Morris" - Montgomery County
Extension Agents: Leonard Kuykendall, Dr. Jeff Clary
Extension Specialists: Dale Monks, Dennis Delaney, and Bob Goodman
Planted: April 24, 2007 / Harvested: October 27, 2007

Table 1 – Seed Treatment - CRUISER

| Variety | % Lint | Pounds Lint Cotton/Acre | 2 year Average | Mic | Staple Length (32nds in.) | Strength (g/tex) | Uniformity % | Value \$/cwt | Value \$/Acre |
|------------|--------|-------------------------|----------------|-----|---------------------------|------------------|--------------|--------------|---------------|
| DP491 | .436 | 1340 | 1241 | 4.6 | 1.16 / 37 | 33.7 | 82.7 | \$54.75 | \$733.65 |
| CT210 | .420 | 1445 | - | 4.9 | 1.04 / 33 | 29.1 | 80.3 | \$50.10 | \$723.95 |
| CT310 | .414 | 1266 | - | 4.4 | 1.10 / 35 | 32.3 | 82.2 | \$53.85 | \$681.74 |
| CT212 | .408 | 1192 | - | 4.9 | 1.08 / 35 | 30.6 | 82.1 | \$53.85 | \$641.89 |
| AM8120 | .403 | 1119 | - | 4.0 | 1.09 / 35 | 28.6 | 81.4 | \$53.60 | \$599.78 |
| CT Linwood | .438 | 1202 | - | 5.0 | 1.07 / 34 | 32.6 | 82.3 | \$49.85 | \$599.20 |
| Average | .420 | 1261 | 1241 | 4.6 | 1.09 / 35 | 31.2 | 81.8 | \$52.67 | \$663.37 |

Table 2 – Seed Treatment - GAUCHO GRANDE

| Variety | % Lint | Pounds Lint Cotton/Acre | 2 year Average | Mic | Staple Length (32nds in.) | Strength (g/tex) | Uniformity % | Value \$/cwt | Value \$/Acre |
|---------|--------|-------------------------|----------------|-----|---------------------------|------------------|--------------|--------------|---------------|
| GA161 | .409 | 1107 | - | 4.7 | 1.11 / 36 | 31.0 | 81.4 | \$54.50 | \$603.32 |
| PHY72 | .405 | 848 | - | 4.2 | 1.12 / 36 | 32.1 | 80.5 | \$54.50 | \$462.16 |
| Average | .407 | 978 | - | 4.5 | 1.12 / 36 | 31.6 | 81.0 | \$54.50 | \$532.74 |

Table 3 – Seed Treatment - CRUISER + DYNASTY

| Variety | % Lint | Pounds Lint Cotton/Acre | 2 year Average | Mic | Staple Length (32nds in.) | Strength (g/tex) | Uniformity % | Value \$/cwt | Value \$/Acre |
|---------|--------|-------------------------|----------------|-----|---------------------------|------------------|--------------|--------------|---------------|
| DP393 | .428 | 1514 | 1228 | 4.9 | 1.11 / 36 | 31.7 | 83.4 | \$54.75 | \$828.92 |
| DP555BR | .441 | 1152 | 1109 | 4.4 | 1.07 / 34 | 29.6 | 80.0 | \$52.25 | \$601.92 |
| Average | .435 | 1333 | 1169 | 4.7 | 1.09 / 35 | 30.7 | 81.7 | \$53.50 | \$715.42 |

Value = \$.52/lb for lint for SLM41, lf = 4 ± loan premium and discounts for mic, length, and strength.

**Funds from Cotton Incorporated and the Alabama Cotton Commission were used in conducting this trial. We appreciate the support the Alabama Cotton Producers provide to our educational programs each year.*