

Table 10. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown in Calhoun County at St. Matthews, SC, in 2015. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
DP 1639 B2XF	<b>967</b>	<b>48.0</b>	1.12	<b>83.9</b>	<b>30.2</b>	<b>8.6</b>	<b>5.3</b>
DP 1646 B2XF	<b>905</b>	<b>46.7</b>	<b>1.18</b>	<b>81.6</b>	<b>27.1</b>	<b>8.8</b>	4.9
DP 1553 B2XF	<b>875</b>	45.9	1.15	<b>83.0</b>	<b>29.8</b>	<b>8.8</b>	4.6
BX 1531 GLT	<b>822</b>	<b>48.0</b>	1.13	<b>82.2</b>	<b>29.6</b>	7.3	4.7
DP 1538 B2XF	775	<b>46.7</b>	1.06	<b>81.9</b>	<b>29.3</b>	<b>9.0</b>	4.8
PHY 444 WRF	773	45.1	1.14	<b>78.8</b>	<b>29.0</b>	6.6	4.4
DP 1137 B2RF	762	45.5	<b>1.20</b>	<b>85.4</b>	<b>32.4</b>	<b>9.0</b>	4.8
ST 4946 GLB2	742	45.4	1.10	<b>81.3</b>	<b>29.6</b>	7.4	<b>5.2</b>
PHY 499 WRF	733	43.0	1.06	<b>81.1</b>	<b>32.5</b>	<b>8.0</b>	4.5
PHY 312 WRF	729	42.9	1.14	<b>83.4</b>	<b>28.5</b>	6.7	<b>5.1</b>
PHY 333 WRF	727	45.0	1.14	<b>83.2</b>	<b>29.7</b>	6.0	4.7
BX 1634 GLT	719	44.5	1.11	<b>81.4</b>	<b>28.3</b>	5.0	<b>5.1</b>
NG 5007 B2XF	710	<b>46.2</b>	1.11	<b>82.0</b>	<b>28.7</b>	<b>8.9</b>	4.6
PHY 496 W3RF	706	<b>46.2</b>	1.15	<b>83.9</b>	<b>29.1</b>	<b>7.9</b>	4.8
ST 5115 GLT	692	41.6	1.06	<b>78.7</b>	<b>28.5</b>	7.6	4.8
BX 1638 GLT	692	41.6	1.11	<b>80.3</b>	<b>29.3</b>	7.6	4.7
ST 6182 GLT	684	<b>48.7</b>	1.09	<b>82.2</b>	<b>28.1</b>	7.4	<b>4.9</b>
DP 1558NR B2RF	683	45.0	1.15	<b>83.1</b>	<b>32.6</b>	7.6	<b>5.2</b>
DP 1252 B2RF	668	45.8	1.14	<b>82.5</b>	<b>28.7</b>	<b>8.5</b>	<b>4.9</b>
ST 5289 GLT	663	42.7	1.08	<b>81.4</b>	<b>27.5</b>	6.7	4.6
PHY 487 WRF	656	44.6	1.07	<b>81.3</b>	<b>28.8</b>	<b>7.7</b>	<b>5.1</b>
DP 1555 B2RF	654	45.3	1.13	<b>81.3</b>	<b>28.0</b>	7.7	4.7
BX 1532 GLT	640	<b>46.6</b>	1.14	<b>84.4</b>	<b>29.4</b>	7.0	<b>5.0</b>
ST 4848 GLT	610	44.9	1.10	<b>82.2</b>	<b>28.3</b>	7.6	<b>5.3</b>
PHY 552 WRF	607	45.6	1.15	<b>82.4</b>	<b>30.2</b>	7.0	4.6
NG 3406 B2XF	599	42.5	1.09	<b>81.0</b>	<b>29.7</b>	<b>8.4</b>	4.7
ST 4949 GLT	598	45.2	1.10	<b>81.5</b>	<b>27.7</b>	<b>8.3</b>	<b>4.9</b>
DP 1050 B2RF	597	45.9	1.09	<b>81.9</b>	<b>28.6</b>	<b>8.7</b>	4.7
ST 6448 GLB2	593	43.3	<b>1.19</b>	<b>82.5</b>	<b>28.3</b>	6.1	4.8
DP 1454NR B2RF	585	46.8	1.11	<b>83.4</b>	<b>29.5</b>	<b>7.7</b>	4.6
NG 3405 B2XF	578	43.1	1.13	<b>81.8</b>	<b>30.3</b>	6.9	4.3
ST 5032 GLT	517	44.3	1.08	<b>79.6</b>	<b>27.2</b>	<b>8.6</b>	4.8
LSD (0.05)	162	2.6	0.04	NS	NS	1.3	0.4
C.V. (%)	14	3.5	1.76	1.7	4.7	8.2	4.0
Trial Mean	696	45.1	1.12	82.1	29.2	7.7	4.8

Bold numbers are not statistically different at the 0.05 level of probability.