

Table 7. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties Grown in Lee County at Elliott, SC, in 2015. Early-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
DP 0912 B2RF	<b>512</b>	47.4	1.01	<b>78.2</b>	25.0	8.8	<b>5.0</b>
MN 15R513 B2XF	<b>509</b>	48.0	1.03	<b>78.3</b>	25.4	8.7	<b>4.9</b>
PHY 499 WRF	<b>480</b>	48.4	1.02	<b>80.4</b>	<b>28.8</b>	<b>9.4</b>	4.6
PHY 444 WRF	<b>479</b>	<b>49.9</b>	<b>1.11</b>	<b>79.8</b>	26.1	8.4	4.4
DP 1522 B2XF	<b>477</b>	48.0	1.00	<b>78.9</b>	26.5	<b>9.9</b>	4.8
NG 3405 B2XF	<b>460</b>	48.3	1.01	76.8	23.6	7.9	4.8
PHY 487 WRF	<b>458</b>	48.4	0.94	75.2	24.5	8.4	<b>5.1</b>
ST 4949 GLT	<b>434</b>	<b>50.4</b>	0.99	77.0	25.1	8.7	<b>5.1</b>
ST 5115 GLT	<b>407</b>	47.1	1.02	<b>78.5</b>	<b>28.0</b>	7.8	4.7
ST 4848 GLT	<b>407</b>	<b>49.6</b>	1.04	<b>80.3</b>	<b>27.4</b>	8.4	<b>5.0</b>
BX 1638 GLT	406	48.2	1.06	<b>79.7</b>	26.5	7.2	4.6
DP 1614 B2XF	406	<b>48.6</b>	1.03	<b>78.4</b>	25.1	<b>9.6</b>	<b>5.0</b>
PHY 495 W3RF	405	48.0	0.99	77.8	<b>28.3</b>	8.9	4.5
NG 3406 B2XF	404	48.5	1.00	<b>78.2</b>	25.2	<b>9.2</b>	4.8
PHY 312 WRF	397	<b>48.6</b>	1.05	<b>79.1</b>	26.3	8.0	4.7
DP 1612 B2XF	372	45.9	1.04	<b>78.3</b>	<b>27.1</b>	<b>9.1</b>	4.6
ST 4946 GLB2	368	45.7	1.05	<b>80.5</b>	<b>28.0</b>	<b>8.9</b>	4.8
PHY 333 WRF	366	<b>48.7</b>	1.06	<b>80.0</b>	24.9	8.6	4.6
NG 1511 B2RF	360	48.3	1.00	<b>79.6</b>	<b>27.0</b>	8.9	4.9
PHY 496 W3RF	343	<b>48.7</b>	1.03	<b>80.2</b>	<b>28.8</b>	8.7	4.7
PHY 427 WRF	325	46.0	1.02	<b>79.0</b>	<b>28.2</b>	<b>9.2</b>	4.7
BX 1634 GLT	315	45.3	1.06	<b>80.1</b>	25.2	6.8	<b>5.0</b>
ST 4747 GLB2	297	47.2	<b>1.08</b>	<b>79.1</b>	24.4	6.7	4.8
DP 1518 B2XF	293	45.8	1.04	<b>79.9</b>	24.9	7.7	4.7
LSD (0.05)	106	2.0	0.04	2.5	2.1	1.0	0.2
C.V. (%)	19	2.9	3.01	2.2	5.4	8.4	3.0
Trial Mean	403	47.9	1.03	78.9	26.3	8.5	4.8

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