

Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties  
Grown in Lee County at Elliott, SC, in 2014. Early-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PHY 499WRF	<b>2071</b>	45.0	1.13	<b>84.8</b>	<b>32.5</b>	<b>8.3</b>	4.2
PHY 495W3RF	<b>2066</b>	44.1	1.12	<b>84.4</b>	<b>33.2</b>	7.7	3.8
DPL 1252BRF	<b>2044</b>	<b>46.5</b>	1.14	<b>84.5</b>	30.1	<b>8.9</b>	<b>4.3</b>
PHY 312WRF	<b>1956</b>	44.6	1.14	84.1	<b>32.5</b>	7.4	3.9
PHY 444WRF	<b>1915</b>	43.1	<b>1.23</b>	85.0	30.2	7.1	3.4
ST 4747GLB2	<b>1897</b>	42.5	1.19	82.8	28.0	6.6	4.0
PX 375-05W3RF	<b>1834</b>	41.9	1.13	83.8	28.1	7.6	3.9
BX 1532GLT	<b>1819</b>	<b>46.5</b>	1.16	84.0	29.7	6.8	3.9
ST 4946GLB2	<b>1819</b>	42.3	1.15	<b>84.5</b>	31.4	7.9	4.0
DPL 1028B2RF	<b>1803</b>	44.6	1.14	84.1	30.3	<b>8.4</b>	3.9
PX 3003-14WRF	<b>1793</b>	42.6	1.14	84.1	30.2	6.8	4.2
FM 1944GLB2	1792	40.5	1.20	<b>84.4</b>	30.6	5.8	4.1
PX 375-02W3RF	1777	42.6	1.14	<b>84.4</b>	29.4	7.9	3.6
BX 1533GLT	1761	41.2	<b>1.22</b>	84.2	31.4	7.3	3.8
DPL 0912B2RF	1752	42.6	1.08	83.0	29.7	<b>8.0</b>	<b>4.5</b>
PHY 427WRF	1748	41.2	1.14	83.9	30.7	7.8	3.8
PHY 333WRF	1748	43.5	1.17	<b>84.7</b>	29.6	7.3	3.8
BX 1534GLT	1717	41.5	1.16	83.9	<b>32.4</b>	7.2	3.7
PX 49907W3RF	1712	42.0	1.13	83.4	30.2	7.0	4.1
PX 49936W3RF	1707	45.0	1.11	<b>84.5</b>	<b>33.0</b>	7.3	4.0
DPL 1137B2RF	1662	44.0	1.13	83.6	30.4	7.7	4.2
DG CT13442B2RF	1650	42.1	1.18	<b>85.3</b>	<b>32.1</b>	7.8	4.1
MON 12R224B2R2	1610	41.1	1.16	<b>84.4</b>	30.5	7.2	4.0
PHY 339WRF	1558	42.0	1.18	84.2	31.7	7.3	3.7
DPL 1321B2RF	1549	43.6	1.11	<b>84.5</b>	<b>32.1</b>	<b>8.9</b>	4.2
DG CT14515B2RF	1538	43.0	1.15	83.2	31.1	7.1	3.8
NG 1511B2RF	1533	43.7	1.11	<b>84.7</b>	31.6	7.9	4.2
PHY 487WRF	1525	42.6	1.13	83.9	30.1	7.4	4.2
BX 1531GLT	1510	<b>46.9</b>	1.13	83.7	29.2	7.8	4.0
PHY 417WRF	1485	43.3	1.14	84.2	31.8	7.5	3.5
ST 5032GLT	1467	41.2	<b>1.21</b>	83.8	30.2	7.8	3.6
PHY 575WRF	1388	40.6	1.19	83.8	30.3	7.8	3.5
LSD (0.05)	278	1.0	0.03	1.0	1.3	0.9	0.3
C.V. (%)	14	1.9	1.89	1.0	3.5	10.2	5.7
Trial Mean	1725	43.1	1.15	84.1	30.8	7.5	3.9

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