

Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties  
Grown in Dillon County at Minturn, 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
ST 4946GLB2	<b>1666</b>	43.7	1.12	<b>84.2</b>	<b>32.8</b>	8.9	<b>4.7</b>
PX 49936W3RF	<b>1641</b>	47.1	1.10	<b>83.3</b>	<b>32.6</b>	9.3	4.6
NG 1511B2RF	<b>1624</b>	45.6	1.12	<b>83.7</b>	31.7	9.6	<b>4.6</b>
PHY 333WRF	<b>1581</b>	45.4	1.16	<b>84.9</b>	31.4	7.8	4.5
DPL 1321B2RF	<b>1569</b>	44.9	1.12	<b>84.4</b>	31.7	<b>10.4</b>	<b>4.8</b>
PHY 495W3RF	<b>1564</b>	45.3	1.10	<b>84.2</b>	<b>32.8</b>	9.6	4.5
PHY 417WRF	<b>1563</b>	45.2	1.10	<b>83.9</b>	30.7	9.7	3.8
PHY 312WRF	<b>1558</b>	45.6	1.14	<b>84.0</b>	31.4	8.0	4.4
FM 1944GLB2	<b>1538</b>	42.7	1.17	<b>84.6</b>	31.3	6.3	4.5
BX 1531GLT	<b>1530</b>	<b>47.7</b>	1.13	<b>83.8</b>	29.8	9.2	4.5
DPL 1137B2RF	<b>1511</b>	44.4	1.13	<b>84.3</b>	30.5	9.7	4.4
DPL 0912B2RF	<b>1510</b>	44.3	1.09	<b>84.3</b>	31.7	8.6	<b>4.9</b>
DPL 1028B2RF	<b>1497</b>	45.9	1.12	<b>83.7</b>	30.1	<b>10.2</b>	4.3
PHY 487WRF	<b>1485</b>	44.1	1.11	<b>84.2</b>	30.4	9.3	4.5
BX 1532GLT	1464	<b>48.7</b>	1.13	<b>84.0</b>	29.5	8.5	4.4
ST 5032GLT	1458	45.2	1.14	<b>84.2</b>	31.8	8.3	4.4
BX 1534GLT	1446	44.1	1.14	<b>85.1</b>	32.3	9.0	4.5
PHY 499WRF	1445	46.1	1.13	<b>84.1</b>	<b>33.6</b>	9.1	<b>4.7</b>
PX 3003-14WRF	1433	43.1	1.13	<b>84.2</b>	31.9	8.4	4.6
PHY 575WRF	1431	41.8	1.17	<b>84.3</b>	30.6	9.4	3.9
ST 4747GLB2	1401	43.4	1.15	<b>84.1</b>	28.7	6.5	4.3
DG CT14515B2RF	1385	44.7	1.15	<b>84.3</b>	<b>32.7</b>	8.6	4.5
DG CT13442B2RF	1366	44.0	1.14	<b>84.3</b>	31.6	9.0	4.3
PHY 427WRF	1351	43.2	1.12	<b>84.1</b>	<b>32.6</b>	8.8	4.4
BX 1533GLT	1326	44.0	1.17	<b>83.9</b>	<b>32.7</b>	8.6	4.5
PX 375-05W3RF	1310	43.9	1.09	<b>83.1</b>	27.1	8.7	4.1
DPL 1252BRF	1302	46.6	1.12	<b>83.5</b>	31.3	<b>10.4</b>	4.5
PX 49907W3RF	1291	43.6	1.09	<b>83.5</b>	31.9	8.5	4.4
MON 12R224B2R2	1288	43.3	1.13	<b>84.1</b>	30.1	8.3	4.4
PHY 444WRF	1268	43.3	<b>1.21</b>	<b>85.2</b>	31.9	8.1	3.8
PX 375-02W3RF	1264	43.6	1.12	<b>84.3</b>	31.1	7.9	4.0
PHY 339WRF	1248	44.0	1.16	<b>84.2</b>	31.7	9.1	4.2
LSD (0.05)	191	1.2	0.03	NS	1.0	0.6	0.2
C.V. (%)	11	2.3	2.45	1.1	2.9	5.7	4.4
Trial Mean	1447	44.6	1.13	84.1	31.3	8.8	4.4

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