

Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties  
Grown at PDREC located in Florence, SC, in 2014. Early-Maturity Irrigated OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PHY 333WRF	<b>1698</b>	44.6	1.15	<b>84.3</b>	30.2	7.7	4.2
BX 1533GLT	<b>1678</b>	43.9	<b>1.18</b>	83.8	<b>33.3</b>	8.4	4.2
PHY 312WRF	<b>1670</b>	45.7	1.11	<b>84.0</b>	31.2	8.7	4.3
ST 5032GLT	<b>1617</b>	44.1	1.15	83.3	31.9	8.2	4.2
PX 375-05W3RF	<b>1605</b>	43.8	1.08	83.0	28.0	8.2	4.0
PHY 499WRF	<b>1557</b>	<b>46.8</b>	1.11	<b>84.3</b>	<b>34.6</b>	<b>9.1</b>	<b>4.7</b>
PHY 495W3RF	<b>1529</b>	44.8	1.07	<b>83.9</b>	32.5	8.5	4.4
BX 1534GLT	<b>1522</b>	43.5	1.13	83.4	31.2	7.2	4.1
PX 3003-14WRF	<b>1514</b>	44.0	1.11	83.0	31.1	<b>9.1</b>	4.3
DG CT13442B2RF	1501	44.4	1.15	<b>83.9</b>	32.6	8.7	4.2
ST 4946GLB2	1492	44.5	1.12	<b>84.1</b>	32.6	8.7	4.3
ST 4747GLB2	1442	44.0	1.15	82.7	28.5	6.6	4.2
PHY 339WRF	1437	44.1	1.15	83.4	31.0	7.9	4.0
FM 1944GLB2	1434	43.6	1.16	<b>84.0</b>	30.4	7.5	4.2
PX 49936W3RF	1424	44.7	1.10	83.4	31.8	<b>9.2</b>	4.5
PX 375-02W3RF	1406	43.7	1.15	83.7	29.5	7.5	3.8
MON 12R224B2R2	1404	42.7	1.12	<b>84.2</b>	29.2	7.9	4.0
PHY 444WRF	1386	44.8	<b>1.20</b>	<b>84.9</b>	<b>32.9</b>	7.8	3.7
PHY 487WRF	1379	44.3	1.10	<b>83.9</b>	31.5	8.5	4.4
PX 49907W3RF	1363	43.1	1.11	83.7	31.1	8.0	4.1
DPL 1321B2RF	1359	42.6	1.14	83.5	31.8	<b>9.3</b>	4.4
PHY 427WRF	1354	41.7	1.13	<b>84.3</b>	31.3	8.2	3.9
DPL 1137B2RF	1342	43.4	1.12	83.5	30.5	8.9	4.4
BX 1531GLT	1319	<b>48.3</b>	1.13	<b>84.2</b>	30.4	8.4	<b>4.6</b>
DPL 0912B2RF	1313	42.5	1.10	<b>84.4</b>	30.5	8.2	<b>4.5</b>
NG 1511B2RF	1298	44.4	1.09	<b>84.1</b>	31.8	<b>9.2</b>	<b>4.6</b>
PHY 417WRF	1280	44.1	1.12	<b>83.9</b>	30.3	8.7	3.8
DG CT14515B2RF	1261	45.5	1.14	83.3	32.4	8.4	4.3
DPL 1028B2RF	1239	<b>47.1</b>	1.12	<b>84.8</b>	31.7	<b>9.6</b>	<b>4.6</b>
BX 1532GLT	1181	<b>47.0</b>	1.11	<b>84.5</b>	30.7	7.5	<b>4.6</b>
SSG UA-222	1120	45.5	<b>1.18</b>	83.5	32.6	<b>9.3</b>	<b>4.5</b>
SSG HQ210CT	843	42.7	1.06	82.9	31.6	8.2	<b>4.5</b>
LSD (0.05)	185	1.9	0.04	1.1	1.9	0.7	0.3
C.V. (%)	11	3.7	2.63	1.1	5.1	7.4	5.1
Trial Mean	1405	44.4	1.13	83.8	31.3	8.4	4.3

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