

Table 4. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown at PDREC located in Florence, SC, in 2018. Late-Maturity Irrigated OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PX3C06W3FE	<b>1573</b>	46.4	1.17	83.5	28.3	4.2	<b>4.0</b>
NG 5007 B2XF	<b>1569</b>	44.0	1.16	82.6	27.0	5.4	3.8
CG 9608 B3XF	<b>1530</b>	<b>47.3</b>	1.16	83.1	26.2	3.5	3.9
ST 5517GLTP	<b>1510</b>	42.3	1.18	<b>83.9</b>	<b>30.6</b>	4.3	3.6
DG 3757 B2XF	<b>1495</b>	46.6	1.16	83.3	28.9	5.5	3.9
BX 1974GLTP	<b>1495</b>	<b>47.2</b>	1.18	<b>84.2</b>	29.2	5.5	<b>4.2</b>
DP 1840 B3XF	<b>1485</b>	45.0	<b>1.21</b>	83.1	28.6	4.4	3.9
PX3B07W3FE	<b>1468</b>	45.9	1.15	<b>84.0</b>	<b>29.9</b>	4.6	3.8
PHY 300 W3FE	<b>1433</b>	45.9	1.16	83.0	28.5	4.6	3.8
DG 17330 B3XF	<b>1416</b>	<b>47.8</b>	1.17	<b>84.2</b>	<b>30.3</b>	5.2	<b>4.2</b>
DP 1538 B2XF	<b>1415</b>	45.0	1.09	82.5	26.6	5.6	<b>4.0</b>
ST 5471GLTP	<b>1413</b>	43.2	1.18	83.0	<b>30.4</b>	4.8	3.6
BX 1973GLTP	<b>1394</b>	<b>47.0</b>	1.15	<b>84.7</b>	29.1	5.6	<b>4.0</b>
DP 1646 B2XF	<b>1389</b>	45.5	<b>1.25</b>	<b>83.9</b>	27.8	5.5	3.9
PX5D28BW3FE	<b>1380</b>	46.2	1.14	<b>83.7</b>	<b>31.3</b>	3.7	3.6
PHY 320 W3FE	<b>1372</b>	44.6	1.15	<b>85.6</b>	<b>30.7</b>	5.4	3.7
PHY 340 W3FE	<b>1362</b>	46.5	1.19	<b>85.0</b>	<b>29.9</b>	4.5	3.8
PX3B09W3FE	<b>1351</b>	46.6	1.18	<b>84.3</b>	<b>29.8</b>	4.4	3.8
ST 6182GLT	<b>1343</b>	<b>48.0</b>	1.15	<b>83.8</b>	27.1	5.3	<b>4.0</b>
DG 3526 B2XF	<b>1335</b>	45.3	1.13	83.5	26.8	<b>6.7</b>	3.8
CG 3885 B2XF	<b>1331</b>	43.9	1.15	83.6	26.8	6.1	3.7
NG 5711 B3XF	1318	45.2	<b>1.21</b>	<b>84.0</b>	27.8	4.6	3.7
BX 1976GLTP	1302	45.2	1.20	<b>84.2</b>	29.7	3.6	3.9
ST 5122GLT	1300	43.3	1.15	82.6	28.8	4.9	3.7
DP 1835 B3XF	1297	46.1	1.16	81.0	25.9	3.3	3.9
PHY 350 W3FE	1294	44.5	1.14	83.5	28.8	4.9	3.7
DG 3635 B2XF	1283	43.7	1.13	82.4	27.7	4.1	3.8
PX4A64W3FE	1268	45.1	1.17	<b>84.5</b>	<b>31.5</b>	4.8	3.7
ST 5818GLT	1255	43.3	1.18	<b>84.0</b>	29.4	4.2	3.8
ST 5020GLT	1250	43.9	1.20	83.1	<b>29.8</b>	5.4	<b>4.0</b>
DP 1851 B3XF	1231	44.7	1.17	<b>84.0</b>	<b>31.2</b>	5.8	3.7
PHY 580 W3FE	1227	46.3	1.16	<b>83.8</b>	28.8	4.8	3.8
DP 1747NR B2XF	1204	<b>47.2</b>	1.13	83.1	28.2	4.6	<b>4.0</b>
PHY 430 W3FE	1195	45.5	1.13	<b>84.2</b>	29.8	4.9	3.5
DG 3605 B2XF	1189	44.7	<b>1.24</b>	<b>84.3</b>	26.6	5.0	3.7
PHY 530 W3FE	1160	44.0	1.19	<b>85.4</b>	<b>29.8</b>	4.6	3.8
PHY 330 W3FE	1153	46.4	1.15	<b>84.2</b>	27.1	4.2	3.8
BX 1975GLTP	1150	46.5	1.14	<b>83.9</b>	28.4	5.2	<b>4.2</b>
WU 18XC9 B3XF	1144	45.4	<b>1.23</b>	<b>84.3</b>	29.7	4.5	3.9
PHY 480 W3FE	1125	45.6	1.14	83.6	28.0	5.6	3.7
PX4A69W3FE	1045	46.7	1.18	<b>83.8</b>	28.6	4.3	3.3
PHY 440 W3FE	1045	44.8	<b>1.22</b>	<b>85.3</b>	<b>30.6</b>	3.9	3.5
DG CPS 18827 B3XF	1043	45.7	1.15	82.8	28.2	3.3	3.8
DG CPS 18503C B3XF	941	44.1	1.16	<b>84.2</b>	28.4	4.7	3.4
LSD (0.05)	243	1.3	0.04	1.9	1.7	0.0	0.3
C.V. (%)	13	2.0	2.73	1.6	4.2	5.6	5.2
Trial Mean	1306	45.4	1.17	83.7	28.8	4.8	3.8

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

Location: Pee Dee Research & Education Center  
 Soil Type: Norfolk Loamy Sand  
 GPS Coordinates: lat: 34.310095; long: -79.746206  
 Planted: May 7, 2018  
 Harvested: October 15, 2018