

Table 2. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown at PDREC located in Florence, SC, in 2018. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PHY 330 W3FE	1463	46.2	1.19	84.1	31.5	4.0	4.6
PX3C06W3FE	1419	46.2	1.17	84.2	30.3	3.7	4.6
PHY 340 W3FE	1403	46.2	1.21	85.1	31.2	4.2	4.5
PX3B09W3FE	1392	45.6	1.19	84.9	32.7	4.0	4.1
PHY 320 W3FE	1384	44.9	1.16	86.4	32.7	5.3	4.3
DP 1646 B2XF	1361	45.2	1.25	84.8	29.4	5.4	4.3
NG 5007 B2XF	1336	45.0	1.17	83.4	27.9	5.0	4.3
DG 3757 B2XF	1326	46.8	1.15	84.0	28.4	5.3	4.6
PHY 300 W3FE	1310	46.6	1.15	84.9	31.2	4.5	4.6
PHY 430 W3FE	1307	46.1	1.14	85.5	32.8	4.6	4.4
DP 1840 B3XF	1304	44.4	1.23	84.6	30.4	4.0	4.3
PX5D28BW3FE	1303	45.1	1.20	85.0	33.8	3.7	4.1
BX 1973GLTP	1292	47.4	1.14	83.9	31.4	5.1	4.7
NG 5711 B3XF	1285	44.0	1.23	84.8	30.6	4.1	4.0
PX3B07W3FE	1272	45.9	1.19	84.6	30.9	4.3	4.5
CG 3885 B2XF	1270	45.8	1.12	83.1	28.1	4.9	4.4
PHY 530 W3FE	1267	43.6	1.16	85.0	31.3	4.6	4.2
PHY 580 W3FE	1250	46.5	1.16	84.2	31.3	4.6	4.3
PX4A64W3FE	1246	44.3	1.17	85.8	33.0	4.5	4.1
DG 3605 B2XF	1228	45.1	1.26	83.8	29.7	4.6	4.2
DP 1851 B3XF	1227	43.9	1.16	84.5	33.1	5.3	4.0
DP 1538 B2XF	1224	45.9	1.12	82.9	27.9	5.1	4.5
DG CPS 18827 B3XF	1221	46.1	1.17	83.3	29.4	3.0	4.3
DG 3635 B2XF	1211	44.1	1.18	84.5	32.2	4.1	4.4
ST 5517GLTP	1204	42.3	1.16	83.8	32.1	3.9	4.3
DG 3526 B2XF	1204	46.4	1.12	84.2	29.3	6.3	4.5
BX 1976GLTP	1199	45.9	1.18	84.8	32.6	3.5	5.0
ST 5471GLTP	1198	43.3	1.18	83.9	32.0	4.4	4.4
CG 9608 B3XF	1190	46.2	1.17	83.1	27.1	3.0	4.3
ST 5818GLT	1183	42.9	1.18	84.4	31.7	3.9	4.4
PX4A69W3FE	1170	45.9	1.20	84.8	32.2	4.2	3.9
ST 6182GLT	1149	48.3	1.16	83.8	29.2	4.2	4.6
DP 1835 B3XF	1143	45.5	1.19	83.9	29.3	2.8	4.3
DG 17330 B3XF	1142	47.6	1.18	84.4	33.0	4.5	4.8
ST 5122GLT	1127	44.5	1.15	81.8	31.5	4.5	4.5
DP 1747NR B2XF	1113	45.7	1.13	83.2	29.8	4.2	4.3
PHY 440 W3FE	1101	44.2	1.25	86.0	33.6	3.8	4.0
BX 1974GLTP	1082	46.3	1.19	84.0	30.3	4.8	4.6
PHY 350 W3FE	1061	34.4	1.20	85.8	31.1	4.7	4.4
PHY 480 W3FE	1046	43.1	1.16	85.3	30.7	5.7	4.1
BX 1975GLTP	1032	46.5	1.16	83.6	30.6	5.0	4.9
ST 5020GLT	972	44.8	1.17	82.7	31.2	4.8	4.5
WU 18XC9 B3XF	921	43.0	1.24	84.9	31.9	4.0	4.4
DG CPS 18503C B3XF	921	42.7	1.20	84.7	29.5	4.5	3.7
LSD (0.05)	205	4.4	0.04	1.7	1.6	0.1	0.2
C.V. (%)	12	6.9	2.44	1.5	3.7	7.6	3.7
Trial Mean	1215	45.0	1.18	84.3	30.9	4.4	4.4

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: 34.311282 long: -79.743412
 Planted: May 9, 2018
 Harvested: October 16, 2018