

Table 2. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown at PDREC located in Florence, SC, in 2015. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
ST 5115 GLT	<b>1325</b>	45.8	1.10	80.7	29.4	7.3	4.8
PHY 333 WRF	<b>1324</b>	48.3	1.11	81.2	26.3	7.5	4.6
DP 1538 B2XF	<b>1315</b>	48.4	1.08	81.6	28.5	<b>9.2</b>	4.8
DP 1252 B2RF	<b>1312</b>	48.5	1.14	82.3	28.7	<b>9.4</b>	4.6
NG 3406 B2XF	<b>1298</b>	46.6	1.08	80.8	27.5	<b>9.0</b>	4.6
DP 1555 B2RF	<b>1294</b>	47.9	1.13	81.5	28.4	8.0	4.5
PHY 487 WRF	<b>1292</b>	46.4	1.09	81.1	27.6	<b>9.2</b>	4.9
BX 1634 GLT	<b>1288</b>	46.9	1.15	82.9	27.9	6.3	4.9
PHY 499 WRF	<b>1280</b>	48.2	1.08	81.8	29.3	<b>9.0</b>	<b>5.0</b>
ST 4848 GLT	<b>1278</b>	49.0	1.12	<b>83.3</b>	28.3	7.9	<b>5.1</b>
BX 1638 GLT	<b>1267</b>	47.2	1.16	82.6	29.7	6.5	<b>4.9</b>
DP 1553 B2XF	<b>1257</b>	46.4	1.15	82.0	28.3	<b>8.9</b>	4.3
PHY 312 WRF	<b>1252</b>	47.9	1.14	<b>84.7</b>	29.7	7.6	4.8
NG 3405 B2XF	<b>1251</b>	46.7	1.05	80.8	24.4	8.3	4.7
BX 1532 GLT	<b>1248</b>	<b>51.2</b>	1.13	81.8	27.6	7.2	4.7
DP 1558NR B2RF	<b>1239</b>	46.8	1.13	82.3	29.7	7.2	<b>4.9</b>
ST 4946 GLB2	<b>1224</b>	46.2	1.14	<b>83.8</b>	<b>31.4</b>	7.8	<b>5.0</b>
DP 1646 B2XF	<b>1222</b>	48.5	<b>1.19</b>	82.6	28.7	8.8	4.7
SSG UA-222	<b>1216</b>	45.1	<b>1.16</b>	<b>84.8</b>	<b>32.0</b>	7.6	<b>5.2</b>
PHY 552 WRF	<b>1209</b>	46.8	1.13	<b>83.5</b>	<b>30.5</b>	7.3	4.5
DP 1454NR B2RF	<b>1198</b>	47.9	1.10	81.3	28.0	8.1	4.8
DG CT 15557	<b>1188</b>	48.2	1.10	<b>83.4</b>	27.6	8.7	4.9
SG HQ212CT	<b>1188</b>	44.6	1.13	81.5	<b>30.3</b>	7.1	<b>5.1</b>
DP 1137 B2RF	<b>1174</b>	46.6	1.09	81.1	26.9	<b>9.1</b>	4.7
DP 1639 B2XF	<b>1172</b>	48.8	1.12	82.2	<b>31.5</b>	8.4	<b>5.1</b>
ST 6448 GLB2	<b>1130</b>	45.3	<b>1.16</b>	81.3	25.9	6.8	4.7
NG 5007 B2XF	<b>1112</b>	46.9	1.11	80.5	26.1	<b>9.1</b>	4.6
ST 5032 GLT	<b>1110</b>	45.6	1.15	81.9	28.5	7.6	4.8
ST 4949 GLT	1107	49.0	1.10	82.2	28.6	8.2	4.9
PHY 444 WRF	1100	48.2	<b>1.19</b>	82.6	28.8	6.5	4.2
BX 1531 GLT	1091	49.8	1.09	80.8	27.5	8.4	<b>5.0</b>
PHY 496 W3RF	1084	47.5	1.10	81.7	28.5	<b>9.1</b>	4.8
DG CT15426	1044	49.0	1.10	82.4	28.3	<b>10.0</b>	4.8
ST 5289 GLT	1040	45.6	1.11	82.6	28.1	6.9	4.9
DP 1050 B2RF	1010	48.0	1.12	81.7	27.6	<b>9.0</b>	4.6
ST 6182 GLT	972	<b>49.8</b>	1.13	<b>83.2</b>	28.8	7.2	4.9
LSD (0.05)	217	1.3	0.04	1.7	1.9	1.2	0.2
C.V. (%)	13	2.0	2.39	1.5	4.8	10.4	3.4
Trial Mean	1198	47.5	1.12	82.1	28.5	8.1	4.8

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