

Table 4. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties
Grown at PDREC located in Florence, SC, in 2016. Late-Maturity Irrigated OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
DP 1646B2XF	1511	44.4	1.22	84.7	31.1	7.6	4.3
NG 5007B2XF	1416	42.2	1.18	85.0	29.3	7.3	4.2
ST 6182GLT	1409	45.8	1.16	84.3	30.5	6.4	4.3
BX 1738GLT	1406	41.0	1.22	85.2	32.7	7.2	4.2
DP 1639B2XF	1385	45.4	1.14	84.4	34.7	7.1	4.5
DP 1555B2RF	1291	42.9	1.17	84.6	34.9	6.5	4.2
PHY 312WRF	1276	42.1	1.16	85.3	31.9	6.5	4.1
DG 3526B2XF	1270	43.6	1.11	82.7	31.7	8.9	4.3
PHY 495W3RF	1269	43.8	1.12	84.8	34.6	7.4	4.2
DP 1538B2XF	1249	44.2	1.08	83.1	30.2	7.1	4.4
MN 16R251B2XF	1243	43.9	1.19	84.7	32.6	6.5	4.3
NG AMX 1602 B2XF	1239	40.6	1.13	84.3	30.3	8.0	4.0
DG 3757B2XF	1232	43.2	1.16	84.0	30.8	7.7	4.3
BX 1776GLTP	1228	41.0	1.17	85.0	29.8	7.4	3.9
BX 1737GLT	1221	40.4	1.17	84.0	31.3	7.1	4.0
PHY 499WRF	1218	42.7	1.15	86.3	35.1	7.9	4.3
ST 6448GLB2	1218	40.0	1.21	84.6	30.1	6.0	4.1
PHY 333WRF	1206	42.4	1.18	85.0	31.4	7.0	4.0
DP 1747NRB2XF	1202	44.3	1.15	83.8	32.8	6.6	4.6
BX 1775GLTP	1197	40.5	1.17	83.5	29.3	8.2	3.8
BX 1739GLT	1195	45.0	1.22	85.6	32.5	5.2	4.4
DP 1252B2RF	1186	43.4	1.13	84.7	30.7	8.0	4.2
NG AMX 1604B2XF	1150	40.7	1.15	85.3	32.4	5.8	4.3
PHY 487WRF	1147	41.2	1.14	84.3	33.2	6.9	4.1
PHY 444WRF	1145	43.3	1.27	86.7	32.4	6.7	3.7
DP 1725B2XF	1145	44.3	1.13	83.6	30.2	6.1	4.1
ST 4946GLB2	1096	40.2	1.14	84.6	32.0	7.8	4.3
ST 4848GLT	1093	42.0	1.12	84.0	30.7	6.4	4.2
ST 5115GLT	1091	41.2	1.14	82.5	32.3	6.2	4.0
DP 1558NR B2RF	1090	42.5	1.15	85.4	34.4	6.6	4.6
DP 1321B2RF	1059	41.3	1.12	83.6	32.9	8.1	4.4
NG 4601B2XF	1035	43.1	1.17	85.3	34.4	6.9	4.4
DP 1553B2XF	1005	42.9	1.17	84.2	30.9	8.0	4.2
ST 4949GLT	983	42.6	1.11	83.8	30.6	7.3	4.0
SSG UA-222	775	39.0	1.22	85.1	33.8	8.0	4.4
SSG HQ210CT	766	36.9	1.15	83.7	32.2	6.9	4.5
LSD (0.05)	158	1.2	0.04	1.4	1.9	0.7	0.3
C.V. (%)	10	2.1	2.42	1.1	4.2	7.1	4.3
Trial Mean	1185	42.3	1.16	84.5	32.0	7.1	4.2

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 4, 2016
Harvested: October 5, 2016