

Table 3. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties
Grown at PDREC located in Florence, SC, in 2016. 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 495WRF	1370	44.4	1.13	85.0	35.1	7.1	4.1
BX 1738GLT	1307	40.8	1.24	86.3	33.1	7.4	4.0
DP 1252B2RF	1304	43.8	1.14	84.8	31.3	8.1	4.2
ST 6182GLT	1300	44.6	1.16	85.2	29.4	6.6	4.0
BX 1776GLTP	1252	42.3	1.19	85.0	30.3	7.1	3.9
NG 3522B2XF	1232	40.1	1.11	83.0	26.9	6.5	4.0
DP 1614 B2XF	1217	43.8	1.17	84.3	31.9	7.5	4.6
ST 4946GLB2	1187	40.3	1.12	84.1	33.0	7.3	4.2
DP 1522B2XF	1186	41.9	1.14	84.1	32.7	8.7	4.3
DPL 0912B2RF	1161	39.5	1.13	84.6	31.8	6.9	4.4
PHY 499WRF	1154	43.2	1.14	85.0	34.4	8.1	4.5
PHY 487WRF	1150	42.9	1.12	83.2	31.7	7.6	4.2
PHY 312WRF	1150	42.1	1.17	84.9	31.7	6.4	4.0
BX 1737GLT	1143	40.1	1.21	86.0	30.7	7.1	3.9
PHY 333WRF	1129	41.9	1.19	84.8	31.1	6.8	3.8
ST 4747GLB2	1086	40.7	1.20	85.0	29.4	5.0	4.1
ST 5115GLT	1059	40.6	1.15	83.1	32.5	6.0	4.0
ST 4848GLT	1053	42.2	1.15	84.6	32.4	7.0	3.9
NG 3406B2XF	1049	40.3	1.15	84.4	30.7	7.6	3.9
DG 3385B2XF	1043	40.7	1.14	84.3	31.0	8.3	4.1
BX 1775GLTP	1024	39.9	1.19	84.5	30.0	7.7	3.9
NG 3405B2XF	1014	40	1.12	83.8	27.4	6.6	4.1
DP 1321B2RF	989	37.9	1.14	84.5	33.7	8.4	4.2
MN 16R229B2XF	988	41.7	1.12	83.7	32.1	7.1	4.1
ST 4949GLT	969	43.1	1.11	83.4	29.7	7.0	3.9
PHY 444WRF	963	42.1	1.26	86.2	31.5	6.1	3.5
SSG UA-222	803	41.3	1.21	85.0	33.4	7.6	4.2
SSG HQ210CT	759	38.5	1.14	84.2	32.5	6.5	4.3
LSD (0.05)	163	2.2	0.04	1.4	1.8	0.8	0.2
C.V. (%)	10	3.8	2.19	1.2	4.1	7.6	3.7
Trial Mean	1109	41.4	1.16	84.5	31.5	7.1	4.1

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: 34.310308 long: -79.746394
Planted: May 4, 2016
Harvested: October 4, 2016