

Table 7. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties Grown in Lee County at St. Charles, SC, in 2016. Early-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PHY 444WRF	1094	43.9	1.24	85.8	33.0	7.5	4.0
ST 4946GLB2	1068	39.3	1.17	85.9	35.8	7.7	4.7
PHY 499WRF	1021	42.8	1.14	85.0	35.7	9.5	5.0
ST 6182GLT	998	46.4	1.15	84.5	30.9	7.7	4.7
NG 3522B2XF	985	41.8	1.10	83.3	27.7	7.7	4.8
DP 1252B2RF	976	42.8	1.16	84.3	32.3	9.8	4.6
DP 1522B2XF	974	40.9	1.16	84.8	32.8	9.8	4.9
PHY 333WRF	967	42.8	1.16	84.8	32.2	7.0	4.6
PHY 495WRF	966	41.7	1.11	85.0	37.1	8.7	4.7
PHY 487WRF	963	41.2	1.13	83.5	32.4	8.6	4.9
ST 4848GLT	951	42.9	1.14	85.4	32.4	7.2	5.0
ST 4949GLT	949	44.2	1.14	85.1	32.1	8.2	4.9
PHY 312WRF	947	42.2	1.17	86.4	32.5	7.9	4.7
ST 4747GLB2	921	40.3	1.20	84.8	29.7	5.9	4.6
ST 5115GLT	910	42.1	1.12	84.2	32.5	8.3	4.7
DPL 0912B2RF	899	40.0	1.09	84.2	31.9	7.8	5.0
DP 1321B2RF	896	40.3	1.14	83.7	32.4	10.2	5.0
MN 16R229B2XF	895	43.8	1.10	83.3	31.9	8.2	4.9
BX 1738GLT	873	40.2	1.20	85.4	33.5	8.9	4.8
DG 3385B2XF	865	41.4	1.12	83.7	31.4	9.4	4.7
NG 3405B2XF	861	40.1	1.11	83.6	27.8	7.6	4.5
NG 3406B2XF	853	40.4	1.11	83.6	30.1	9.8	4.5
BX 1775GLTP	835	40.8	1.17	83.6	31.4	9.4	4.4
DP 1614 B2XF	834	43.7	1.19	85.9	31.9	9.3	5.2
DPL 1048B2RF	829	42.3	1.15	85.1	30.6	9.0	4.5
BX 1737GLT	819	39.2	1.17	86.2	31.4	7.8	4.5
AM 1511B2RF	786	42.3	1.15	84.0	32.4	9.7	5.0
BX 1776GLTP	771	40.2	1.16	84.4	30.6	8.7	4.3
LSD (0.05)	138	1.3	0.03	1.4	1.9	0.9	0.3
C.V. (%)	11	2.2	2.07	1.2	4.1	7.6	5.0
Trial Mean	918	41.8	1.15	84.6	32.0	8.5	4.7

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

Location: Pete Player Farm, St. Charles, SC

Soil Type: Norfolk Sandy Loam

GPS Coordinates: lat: 34.098206; long: -80.228366

Planted: May 27, 2016

Harvested: November 17, 2016