

Table 1. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties
Grown at PDREC located in Florence, 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
NG 3405B2XF	766	41.6	1.07	81.9	28.5	7.4	4.0
ST 4848GLT	735	41.6	1.16	84.2	32.7	6.9	4.4
ST 4946GLB2	714	40.1	1.14	85.0	35.4	8.6	4.3
PHY 333WRF	712	42.5	1.14	84.9	33.7	6.6	4.1
BX 1738GLT	709	40.2	1.15	84.0	33.9	7.5	4.2
PHY 495WRF	708	41.6	1.08	84.8	35.4	8.1	4.2
NG 3406B2XF	705	41	1.08	81.7	30.8	8.4	4.1
ST 4949GLT	694	44.2	1.09	82.3	30.9	7.6	4.5
PHY 444WRF	672	42.8	1.20	84.8	34.6	7.4	3.8
ST 5115GLT	653	41.2	1.11	82.7	33.1	6.7	4.3
BX 1737GLT	648	40.2	1.15	83.2	32.0	7.0	4.0
PHY 499WRF	641	43.1	1.09	84.0	35.9	8.4	4.5
ST 4747GLB2	613	41	1.15	82.8	29.5	5.4	4.3
BX 1776GLTP	608	38.5	1.15	83.8	31.0	7.3	3.8
NG 3522B2XF	603	40.8	1.08	82.6	28.9	6.6	4.1
DP 1522B2XF	598	40.1	1.11	82.8	32.4	9.3	4.4
ST 6182GLT	591	44.3	1.12	83.3	30.8	7.0	4.2
PHY 312WRF	587	40.8	1.13	84.2	33.2	6.9	4.0
PHY 487WRF	586	40.7	1.08	82.3	31.1	7.8	4.3
BX 1775GLTP	576	39.8	1.13	83.4	31.4	7.7	3.8
DG 3385B2XF	566	40.1	1.11	82.2	30.9	7.9	4.1
DP 1252B2RF	515	43.8	1.10	82.8	31.4	8.1	4.6
DP 1321B2RF	504	40.3	1.10	81.8	33.5	9.2	4.2
DP 1614 B2XF	489	43.5	1.14	83.5	33.8	7.9	4.7
DPL 0912B2RF	474	40	1.06	81.5	32.2	7.8	4.6
SSG HQ210CT	460	38.6	1.12	82.6	34.5	6.7	4.4
SSG UA-222	431	39.3	1.12	84.7	35.5	8.2	4.6
MN 16R229B2XF	377	42.4	1.07	82.3	32.1	7.7	4.6
LSD (0.05)	124	1.7	0.05	2.1	2.4	0.9	0.3
C.V. (%)	14	2.9	2.91	1.8	5.3	8.2	4.8
Trial Mean	605	41.2	1.11	83.2	32.5	7.6	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: 34.310866; long: -79.743927
Planted: May 19, 2016
Harvested: October 14, 2016