

Table 8. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties
Grown in Lee County at St. Charles, SC, in 2016. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
BX 1739GLT	1148	43.8	1.23	85.2	33.1	6.3	4.6
DP 1558NR B2RF	1090	41.9	1.21	85.0	34.9	8.3	4.9
DP 1646B2XF	1065	42.1	1.23	84.7	29.6	8.7	4.6
DP 1555B2RF	997	44.2	1.14	84.5	32.5	8.8	4.8
NG 5007B2XF	973	40.6	1.14	83.3	28.8	9.0	4.4
MN 16R251B2XF	971	42.7	1.21	84.8	33.2	8.9	4.8
PHY 499WRF	961	41.3	1.12	84.3	34.8	9.6	4.8
PHY 495W3RF	944	41.0	1.11	84.4	35.7	9.2	4.6
ST 4946GLB2	940	38.7	1.16	85.6	33.5	8.8	4.7
DP 1747NRB2XF	940	42.8	1.16	84.3	33.5	8.1	4.9
DP 1252B2RF	936	41.9	1.17	85.2	30.4	9.9	4.3
DP 1538B2XF	935	42.7	1.08	82.6	30.5	9.2	4.7
ST 6182GLT	931	44.6	1.14	85.1	29.8	7.8	4.8
PHY 444WRF	929	41.2	1.21	85.7	31.2	7.7	4.1
DG 3757B2XF	908	41.1	1.15	85.4	31.4	8.6	4.5
DP 1639B2XF	905	43.4	1.17	84.9	33.7	8.8	4.8
ST 5115GLT	879	39.3	1.13	82.8	31.5	8.6	4.6
PHY 312WRF	878	41.4	1.16	85.2	31.5	8.3	4.7
ST 4949GLT	867	42.7	1.14	85.2	31.2	8.1	4.9
PHY 333WRF	861	40.7	1.15	85.2	31.3	8.0	4.5
PHY 487WRF	858	39.6	1.11	83.2	31.3	8.6	4.8
BX 1776GLTP	829	40.1	1.14	83.5	30.6	8.7	4.4
NG AMX 1602 B2XF	827	40.2	1.12	83.8	30.7	9.3	4.6
NG 4601B2XF	822	42.4	1.16	84.5	33.1	8.3	4.9
DG 3526B2XF	821	42.1	1.13	84.6	31.1	10.1	4.7
DP 1321B2RF	815	39.6	1.12	83.5	31.3	10.0	4.9
DP 1725B2XF	797	43.3	1.16	84.6	30.0	7.1	4.7
ST 6448GLB2	782	39.3	1.22	85.2	28.8	6.7	4.7
BX 1738GLT	782	38.8	1.20	86.1	34.5	8.8	4.7
ST 4848GLT	776	41.9	1.14	83.8	31.4	7.5	4.7
NG AMX 1604B2XF	743	38.1	1.16	85.0	32.5	6.0	4.6
BX 1775GLTP	741	39.5	1.15	84.4	30.6	9.3	4.4
BX 1737GLT	726	38.3	1.13	83.6	30.3	8.5	4.6
DP 1553B2XF	657	40.9	1.16	84.7	30.1	9.5	4.4
LSD (0.05)	148	1.2	0.04	1.4	2.1	1.0	0.3
C.V. (%)	12	2.0	2.42	1.2	4.7	8.7	4.0
Trial Mean	881	41.2	1.15	84.5	31.7	8.6	4.6

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: 34.098159; long: -80.228097

Planted: May 25, 2016

Harvested: November 17, 2016