

Table 5. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties Grown in Dillon County at Minturn, 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
DP 1614 B2XF	1290	45.9	1.19	85.6	32.0	7.8	4.7
DP 1321B2RF	1228	42.7	1.16	84.7	32.2	8.6	4.5
NG 3522B2XF	1158	43.0	1.08	82.9	27.7	6.5	4.4
NG 3406B2XF	1144	42.8	1.12	84.0	30.1	7.9	4.6
PHY 333WRF	1140	43.8	1.17	85.4	30.5	6.4	4.3
PHY 487WRF	1121	43.3	1.13	83.4	30.3	7.5	4.5
PHY 312WRF	1099	43.3	1.17	84.8	31.9	6.9	4.3
PHY 495WRF	1037	44.8	1.13	84.5	34.3	7.5	4.4
ST 4946GLB2	1028	42.4	1.15	84.7	32.3	7.6	4.6
BX 1776GLTP	994	43.2	1.17	83.6	28.9	7.3	4.2
PHY 444WRF	993	44.5	1.25	85.5	30.8	6.4	3.8
BX 1738GLT	983	42.5	1.21	85.2	33.2	7.4	4.5
PHY 499WRF	977	46.0	1.14	85.0	32.9	7.8	4.6
ST 5115GLT	964	42.1	1.13	82.4	30.9	6.8	4.2
ST 4949GLT	956	45.6	1.14	85.1	30.0	7.5	4.5
DG 3385B2XF	932	43.9	1.13	83.5	29.7	8.0	4.8
BX 1737GLT	897	42.5	1.16	84.8	30.3	7.4	4.2
MN 16R229B2XF	887	45.6	1.11	83.1	30.6	6.7	4.6
DP 1252B2RF	880	47.7	1.15	83.4	31.4	8.6	4.5
ST 4848GLT	875	45.3	1.14	84.6	30.4	6.9	4.4
ST 4747GLB2	872	42.7	1.21	84.2	28.4	5.2	4.4
BX 1775GLTP	872	42.0	1.17	83.7	29.3	8.2	4.1
NG 3405B2XF	867	42.5	1.10	82.5	28.1	6.6	4.3
DP 1522B2XF	859	43.7	1.14	84.3	31.5	9.0	4.7
ST 6182GLT	802	47.6	1.14	84.1	28.0	7.1	4.4
DPL 0912B2RF	773	42.2	1.12	84.5	31.0	7.4	5.0
AM 1511B2RF	590	41.6	1.15	83.5	32.5	8.1	4.7
DPL 1048B2RF	419	44.0	1.19	86.7	31.7	8.7	4.1
LSD (0.05)	182	1.7	0.03	1.6	1.7	0.8	0.2
C.V. (%)	14	2.7	2.11	1.4	3.8	7.8	3.7
Trial Mean	951	43.8	1.15	84.3	30.7	7.4	4.4

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

Location: Baxley Farm, Minturn, SC

Soil Type: Dunbar fine Sandy Loam/Varina Sandy Loam

GPS Coordinates: lat: 34.475424; long: -79.450411

Planted: May 12, 2016

Harvested: October 25, 2016