

Table 5. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties Grown in Dillon County at Minturn, SC, in 2015. Early-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation
NG 3405 B2XF	758	44.1	1.07	80.5	25.2	8.4
PHY 312 WRF	729	43.6	1.16	83.2	29.0	8.8
DP 1522 B2XF	647	42.7	1.14	83.5	28.0	10.0
ST 4747 GLB2	647	42.4	1.16	81.9	26.6	7.1
PHY 496 W3RF	640	44.3	1.09	81.8	28.5	10.1
DP 1518 B2XF	616	42.4	1.16	83.8	27.4	7.7
DP 1612 B2XF	609	42.6	1.12	81.7	29.7	9.8
PHY 427 WRF	607	42.1	1.11	82.2	29.5	9.9
PHY 487 WRF	589	41.8	1.08	80.3	28.0	9.4
PHY 499 WRF	588	43.5	1.11	82.1	29.0	9.5
DP 0912 B2RF	587	42.4	1.06	81.2	26.7	8.6
ST 4848 GLT	584	44.6	1.09	81.8	28.6	8.4
PHY 333 WRF	583	43.0	1.17	83.5	28.2	8.7
BX 1634 GLT	579	44.2	1.12	82.2	27.9	7.3
ST 5115 GLT	579	43.2	1.10	80.9	29.3	8.1
DP 1614 B2XF	571	44.1	1.11	81.3	26.6	10.5
MN 15R513 B2XF	567	43.1	1.12	81.5	26.8	9.8
NG 3406 B2XF	547	43.0	1.09	81.5	27.6	9.7
ST 4946 GLB2	539	42.0	1.15	82.1	30.0	8.7
ST 4949 GLT	535	43.8	1.07	80.7	26.6	9.2
NG 1511 B2RF	530	44.6	1.05	80.7	28.5	10.4
PHY 444 WRF	503	43.4	1.13	81.5	27.8	7.9
PHY 495 W3RF	483	41.6	1.08	81.5	29.2	9.0
BX 1638 GLT	437	42.4	1.14	82.0	30.0	6.9
LSD (0.05)	143	1.7	0.04	1.4	1.4	0.9
C.V. (%)	17	2.8	2.41	1.2	3.5	7.1
Trial Mean	586	43.1	1.11	81.8	28.1	8.9

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

Location: Baxley Farm, Minturn, SC

Micronaire

3.6

3.9

3.8

4.0

4.3

3.6

4.2

4.0

3.8

4.0

4.3

4.3

3.8

4.2

3.8

4.2

4.2

3.7

4.0

4.2

4.3

3.5

3.5

3.8

0.4

6.9

4.0
