

Table 3. Lint Yield, Gin Turnout, and Fiber Quality of Early-Maturing Cotton Varieties Grown at PDREC located in Florence, SC, in 2015. Early-Maturity Irrigated OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
ST 4848 GLT	1712	48.1	1.14	83.6	29.9	7.1	5.1
DP 1522 B2XF	1651	47.0	1.11	82.9	29.4	9.0	5.1
DP 0912 B2RF	1631	44.9	1.10	82.5	28.8	8.1	5.0
PHY 333 WRF	1624	47.7	1.13	82.0	26.3	7.8	4.5
BX 1634 GLT	1611	47.0	1.17	83.4	29.0	5.6	4.8
DP 1614 B2XF	1609	48.5	1.16	82.7	28.5	8.1	4.7
PHY 499 WRF	1553	47.1	1.08	82.1	29.0	9.5	4.7
DP 1612 B2XF	1540	45.1	1.13	82.6	28.1	8.9	4.7
PHY 312 WRF	1539	46.3	1.15	83.1	28.4	7.9	4.5
SSG UA-222	1518	45.0	1.16	82.5	29.6	8.2	4.7
PHY 495 W3RF	1509	47.3	1.12	83.3	30.2	8.3	4.5
BX 1638 GLT	1487	46.2	1.19	82.8	28.9	6.6	4.4
NG 1511 B2RF	1463	46.8	1.11	83.0	29.8	8.8	4.8
DP 1137 B2RF	1452	46.2	1.12	81.3	28.3	9.4	4.3
PHY 487 WRF	1451	46.0	1.11	82.5	29.2	8.2	4.9
ST 4747 GLB2	1450	44.6	1.18	82.4	27.5	5.7	4.4
ST 4946 GLB2	1438	44.7	1.14	82.4	29.7	7.8	4.8
ST 5115 GLT	1437	45.2	1.12	81.1	29.6	7.6	4.2
PHY 427 WRF	1412	45.1	1.14	82.6	30.0	8.6	4.3
MN 15R513 B2XF	1410	44.4	1.14	81.7	27.2	8.7	4.5
NG 3406 B2XF	1403	45.6	1.10	81.7	27.7	8.9	4.8
PHY 444 WRF	1397	46.6	1.16	83.2	28.0	7.5	4.1
SSG HQ 212CT	1395	43.9	1.11	82.1	28.8	7.9	4.7
PHY 496 W3RF	1394	46.7	1.11	81.9	29.1	9.1	4.6
ST 4949 GLT	1298	48.6	1.10	82.1	28.8	7.9	5.0
NG 3405 B2XF	1282	47.4	1.08	81.0	25.4	8.5	4.8
DP 1518 B2XF	1221	46.0	1.13	81.7	27.5	7.6	4.5
DP 1028 B2RF	1189	46.9	1.12	82.1	27.0	9.1	4.2
LSD (0.05)	281	1.5	0.04	1.6	2	1.1	0.4
C.V. (%)	14	2.2	2.49	1.4	4.9	9.7	5.9
Trial Mean	1467	46.3	1.13	82.4	28.6	8.1	4.6

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

Location: Pee Dee Research & Education Center