

Table 6. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown in Dillon County at Minturn, SC, in 2015. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation
DP 1538 B2XF	<b>821</b>	45.0	1.08	<b>81.1</b>	26.6	<b>8.8</b>
DP 1553 B2XF	<b>807</b>	43.0	1.13	<b>82.5</b>	<b>28.0</b>	<b>10.2</b>
ST 6182 GLT	<b>794</b>	<b>48.6</b>	1.11	<b>82.2</b>	25.9	8.4
DP 1252 B2RF	<b>792</b>	45.6	1.09	<b>80.0</b>	25.3	<b>9.6</b>
DP 1555 B2RF	<b>754</b>	45.3	1.15	<b>82.5</b>	<b>29.3</b>	7.4
NG 3405 B2XF	<b>709</b>	44.0	1.06	<b>78.7</b>	24.2	7.7
PHY 487 WRF	<b>693</b>	43.1	1.08	<b>80.9</b>	26.7	8.4
ST 4946 GLB2	<b>690</b>	42.6	1.10	<b>81.4</b>	<b>29.3</b>	8.3
PHY 496 W3RF	<b>689</b>	43.7	1.10	<b>82.2</b>	<b>28.6</b>	8.5
DP 1646 B2XF	<b>688</b>	45.3	<b>1.21</b>	<b>82.9</b>	<b>28.3</b>	<b>9.8</b>
DP 1137 B2RF	<b>686</b>	43.4	1.10	<b>80.8</b>	<b>27.5</b>	<b>9.1</b>
DP 1639 B2XF	661	46.3	1.08	<b>82.6</b>	<b>28.6</b>	<b>9.2</b>
BX 1531 GLT	659	<b>48.1</b>	1.09	<b>80.1</b>	26.9	<b>8.7</b>
ST 4848 GLT	654	46.3	1.08	<b>80.7</b>	<b>28.0</b>	8.4
PHY 312 WRF	653	42.1	1.15	<b>83.0</b>	<b>27.5</b>	<b>8.8</b>
DP 1050 B2RF	651	45.8	1.09	<b>81.6</b>	<b>27.3</b>	<b>8.7</b>
BX 1634 GLT	633	44.7	1.12	<b>80.9</b>	25.5	<b>9.4</b>
PHY 333 WRF	627	44.0	1.11	<b>81.5</b>	25.8	8.1
ST 6448 GLB2	622	41.6	1.14	<b>79.7</b>	25.5	6.0
PHY 499 WRF	617	42.7	1.10	<b>82.3</b>	<b>29.3</b>	<b>8.9</b>
NG 5007 B2XF	616	44.0	1.11	<b>80.8</b>	25.1	<b>9.5</b>
DP 1454NR B2RF	610	43.4	1.11	<b>81.1</b>	<b>29.3</b>	8.4
DP 1558NR B2RF	600	42.5	1.14	<b>83.2</b>	<b>29.4</b>	7.4
PHY 552 WRF	596	43.8	1.11	<b>80.3</b>	<b>27.7</b>	8.0
ST 5115 GLT	585	42.6	1.12	<b>81.3</b>	26.8	7.9
BX 1532 GLT	584	46.0	1.10	<b>81.9</b>	26.7	8.5
NG 3406 B2XF	583	42.1	1.11	<b>80.1</b>	25.7	<b>9.1</b>
ST 5289 GLT	566	43.5	1.11	<b>80.1</b>	26.4	7.0
ST 4949 GLT	539	45.4	1.07	<b>80.8</b>	27.1	<b>8.8</b>
BX 1638 GLT	534	42.2	1.16	<b>80.9</b>	26.9	7.6
PHY 444 WRF	487	43.0	<b>1.19</b>	<b>82.8</b>	26.0	7.5
ST 5032 GLT	482	42.0	1.11	<b>81.0</b>	27.0	8.1
LSD (0.05)	144	1.4	0.05	NS	2.3	1.6
C.V. (%)	16	2.2	2.72	1.9	5.2	11.5
Trial Mean	646	44.1	1.11	81.3	27.1	8.5

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

Location: Baxley Farm, Minturn, SC

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