

Table 6. Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties Grown in Lee County at St. Charles, SC, in 2018. 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 1975GLTP	<b>870</b>	<b>44.4</b>	1.14	82.1	29.3	5.5	4.0
DG 3757 B2XF	<b>845</b>	<b>44.2</b>	1.10	81.4	28.0	5.4	4.1
CG 3885 B2XF	<b>818</b>	43.4	1.15	<b>83.1</b>	28.2	6.1	<b>4.2</b>
DP 1646 B2XF	<b>809</b>	43.2	<b>1.19</b>	<b>81.5</b>	28.2	5.3	3.9
DG 3605 B2XF	<b>797</b>	<b>44.5</b>	<b>1.20</b>	80.8	30.0	4.8	4.1
CG 9608 B3XF	<b>788</b>	44.0	1.11	81.0	26.6	4.1	3.8
BX 1974GLTP	<b>786</b>	43.7	1.10	80.8	28.4	5.0	3.9
NG 5007 B2XF	<b>767</b>	42.5	1.12	81.2	26.7	5.5	3.9
DG CPS 18503C B3XF	<b>764</b>	42.9	1.13	<b>81.9</b>	31.7	5.0	3.9
DP 1851 B3XF	<b>755</b>	42.2	<b>1.18</b>	<b>83.3</b>	32.2	5.1	3.5
ST 5517GLTP	<b>740</b>	40.5	<b>1.19</b>	<b>82.1</b>	31.4	4.5	3.6
PHY 350W3FE	<b>725</b>	42.0	1.14	<b>82.9</b>	30.6	4.6	3.9
DP 1840 B3XF	711	42.6	<b>1.17</b>	<b>82.8</b>	30.1	4.7	3.9
DG 3526 B2XF	708	43.6	1.10	<b>81.9</b>	27.8	<b>6.9</b>	4.1
PHY 430 W3FE	700	42.6	1.08	<b>82.2</b>	30.9	4.8	3.5
PHY 320W3FE	692	41.5	1.14	<b>83.1</b>	31.2	5.0	3.5
DP 1538 B2XF	691	<b>44.2</b>	1.09	<b>81.7</b>	27.4	5.5	<b>4.4</b>
ST 6182GLT	675	<b>45.7</b>	1.13	81.2	28.6	4.6	4.0
BX 1976GLTP	674	43.7	<b>1.15</b>	<b>82.2</b>	30.7	3.3	<b>4.2</b>
ST 5818GLT	669	40.9	<b>1.17</b>	<b>82.0</b>	31.4	3.8	4.0
PX5D28BW3FE	667	<b>45.2</b>	1.13	<b>82.6</b>	<b>34.2</b>	3.8	3.7
NG 5711 B3XF	641	43.0	1.14	<b>81.9</b>	30.7	4.7	3.9
DP 1835 B3XF	615	<b>44.5</b>	<b>1.15</b>	81.4	28.8	3.4	4.0
DG 17330 B3XF	614	<b>45.2</b>	1.14	<b>82.0</b>	31.3	4.6	<b>4.4</b>
PHY 530W3FE	600	43.3	1.11	<b>82.3</b>	30.6	5.0	4.0
PHY 580W3FE	599	<b>45.2</b>	1.12	<b>82.1</b>	31.7	5.3	4.1
DP 1747NR B2XF	597	<b>44.8</b>	1.08	80.6	30.6	4.7	<b>4.2</b>
PHY 480 W3FE	595	42.6	1.12	<b>82.9</b>	31.2	6.2	3.8
DG CPS 18827 B3XF	559	<b>44.8</b>	1.08	79.4	27.6	3.7	4.1
WU 18XC9 B3XF	549	40.9	<b>1.19</b>	<b>81.8</b>	31.1	4.2	3.8
DG 3635 B2XF	539	41.3	1.11	<b>81.8</b>	30.9	4.3	4.1
PHY 440 W3FE	527	43.5	<b>1.16</b>	<b>82.2</b>	<b>32.9</b>	4.1	3.4
LSD (0.05)	151	1.6	0.05	1.8	1.9	0.5	0.2
C.V. (%)	16	2.7	3.29	1.6	4.4	7.0	4.3
Trial Mean	690	43.3	1.13	81.9	30.0	4.8	3.9

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: 34.098206; long: -80.228366  
 Planted: May 22, 2018  
 Harvested: November 28, 2018