

Lint Yield, Gin Turnout, and Fiber Quality of Late-Maturing Cotton Varieties  
Grown in Calhoun County at Ft. Motte, SC, in 2014. Late-Maturity Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
PX 5540-10WRF	<b>1107</b>	<b>45.3</b>	1.11	<b>83.1</b>	<b>31.1</b>	8.5	4.4
PHY 552WRF	<b>1049</b>	<b>44.8</b>	1.11	<b>83.4</b>	30.3	7.5	4.5
PX 5540-57WRF	1005	44.2	1.11	82.4	30.6	<b>10.2</b>	4.4
NG 5315B2RF	998	43.6	1.08	<b>83.0</b>	29.4	<b>9.9</b>	4.5
DPL 1137B2RF	986	<b>44.4</b>	1.07	<b>82.7</b>	30.0	8.7	4.6
DPL 0912B2RF	979	41.7	1.08	<b>82.6</b>	<b>31.1</b>	<b>10.2</b>	<b>4.8</b>
NG 1511B2RF	973	<b>44.3</b>	1.09	<b>83.2</b>	<b>32.0</b>	9.3	<b>4.8</b>
DPL 1133B2RF	972	<b>44.6</b>	1.12	82.0	29.3	8.7	4.3
PHY 312WRF	972	42.5	1.09	<b>82.5</b>	29.7	<b>10.6</b>	4.6
DPL 1252B2RF	962	<b>44.7</b>	1.11	<b>82.8</b>	30.3	<b>9.9</b>	4.2
PHY 575WRF	962	41.3	1.09	82.3	29.0	8.9	<b>4.7</b>
ST 5289GLT	955	43.3	1.08	<b>82.7</b>	<b>32.0</b>	9.4	4.5
PHY 499WRF	954	43.9	1.09	81.9	30.7	8.7	4.5
PX 49936W3RF	952	<b>44.5</b>	1.12	81.6	29.9	8.0	4.1
PHY 333WRF	944	42.9	1.09	81.4	<b>31.9</b>	8.6	4.6
DPL 1555B2RF	932	<b>45.9</b>	1.12	<b>83.5</b>	<b>30.8</b>	9.0	4.2
PHY 339WRF	930	42.2	1.08	81.4	30.0	9.0	4.5
PX 49907W3RF	927	42.2	1.07	<b>82.4</b>	29.3	9.6	<b>4.6</b>
DPL 1034B2RF	919	43.8	<b>1.17</b>	<b>82.7</b>	29.2	7.2	4.5
FM 1944GLB2	907	41.0	1.09	81.4	29.1	<b>10.2</b>	4.4
DPL 1050B2RF	899	<b>44.4</b>	1.11	82.4	28.6	8.8	<b>4.6</b>
BX 1530GLT	898	<b>46.0</b>	1.11	81.4	26.7	7.4	4.4
ST 4747GLB2	893	43.2	<b>1.16</b>	82.4	28.7	7.0	4.6
ST 6448GLB2	893	42.4	1.05	82.1	<b>31.9</b>	<b>9.9</b>	4.6
PHY 495W3RF	889	<b>44.9</b>	1.07	81.6	29.7	9.4	<b>4.7</b>
DPL 1454NRB2RF	860	<b>44.9</b>	<b>1.16</b>	82.2	30.2	8.1	3.7
PHY 444WRF	847	42.9	1.13	<b>82.6</b>	30.1	6.6	4.5
BX 1535GLT	835	41.3	1.06	81.2	29.6	9.3	<b>4.9</b>
PX 3003-14WRF	807	43.3	1.07	81.4	30.0	9.5	4.5
PHY 487WRF	804	42.6	1.09	<b>82.5</b>	30.3	7.6	4.1
BX 1536GLT	795	43.3	1.05	82.0	30.3	<b>10.3</b>	<b>4.7</b>
DPL 1048B2RF	761	40.9					
LSD (0.05)	99	1.8	0.03	1.2	1.3	0.9	0.3
C.V. (%)	9	3.5	2.54	1.2	3.8	9.1	5.5
Trial Mean	924	43.5	1.10	82.3	30.0	8.9	4.5

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