

Average Performance of Cotton Varieties at Montgomery County 2018

<i>Variety</i>	<i>Lint Yield</i>	<i>sign</i>	<i>Lint (%)</i>	<i>UHM S.L. (in)</i>	<i>Uniformity Index</i>	<i>T1 (g/tex)</i>	<i>MIKE</i>	<i>Elongation</i>
ST 6182GLT	1576	**	49.5	1.16	83.2	27.9	4.6	6.7
DP 1646 B2XF	1576	*	49.1	1.22	83.8	29.0	4.4	7.4
DP 1840 B3XF	1575	*	46.7	1.24	84.6	31.5	4.3	6.9
ST 4949GLT	1563	*	50.7	1.13	82.6	29.0	4.9	6.9
NG 5711B3XF	1560	*	46.1	1.20	84.0	30.3	4.3	6.8
ST 4848GLT	1528	*	48.1	1.17	84.3	30.1	4.8	6.7
ST 5471GLTP	1504	*	45.5	1.14	81.1	29.5	4.1	6.7
DP 1747NR B2XF	1491	*	48.7	1.13	82.1	30.3	4.9	6.5
NG 4936 B3XF	1464	*	45.5	1.22	84.6	28.6	4.5	7.5
DP 1851 B3XF	1462		46.7	1.18	84.2	30.9	4.2	7.5
DP 1538 B2XF	1451		47.2	1.13	83.6	28.7	4.5	7.6
ST 5818GLT	1440		44.2	1.19	83.6	32.1	4.4	6.4
ST 4550GLTP	1421		49.1	1.15	84.2	30.7	4.4	7.0
DG 3605B2XF	1407		48.7	1.26	83.2	30.8	4.2	7.2
DG 1702GLT	1397		45.7	1.17	82.9	30.4	4.5	6.9
PHY 580W3FE	1389		48.8	1.14	82.3	29.9	4.2	6.9
PHY 312 WRF	1388		47.0	1.17	84.3	29.9	4.5	6.7
NG 5007 B2XF	1359		45.9	1.17	83.5	27.8	4.4	7.4
DP 1916B3XF	1357		47.2	1.15	83.1	30.3	4.5	6.5
PHY 340W3FE	1353		48.6	1.14	83.6	28.0	4.4	6.6
DP 1820 B3XF	1350		47.8	1.17	82.8	30.9	4.4	6.5
ST 5020GLT	1345		45.5	1.19	83.5	30.3	4.7	7.0
ST 5122GLT	1341		46.0	1.18	83.4	32.0	4.3	6.9
PHY 330W3FE	1338		48.8	1.15	82.6	29.2	4.3	6.3
DG 3526B2XF	1324		47.4	1.13	84.3	27.2	4.5	8.2
PHY 300W3FE	1318		47.8	1.15	82.6	29.7	4.0	6.7
DP 1835 B3XF	1317		47.8	1.19	82.6	31.7	4.4	6.0
PHY 480W3FE	1311		46.9	1.17	83.9	28.2	4.3	7.6

NG 4689 B2XF	1280		46.0	1.16	84.5	30.7	5.0	5.9
DG 3214B2XF	1280		47.6	1.13	83.1	27.8	4.8	7.1
ST 5517GLTP	1275		43.1	1.21	84.5	32.7	4.3	6.6
PHY 430W3FE	1270		48.3	1.11	82.8	29.2	4.2	7.0
NG 3522 B2XF	1268		45.0	1.08	80.6	26.2	4.6	6.6
NG 4777 B2XF	1266		45.1	1.17	82.7	32.7	4.6	5.8
NG 4601 B2XF	1236		47.4	1.19	83.8	31.6	4.9	6.9
DP 1725 B2XF	1194		47.8	1.17	83.0	29.9	4.6	6.4
NG 3729 B2XF	1154		44.4	1.19	85.0	29.6	4.8	7.1
PHY 440W3FE	1119		45.7	1.21	82.8	32.3	3.9	6.2
NG 3780 B2XF	1076		45.5	1.18	82.3	30.7	4.7	7.1
NG 3699 B2XF	1070		45.3	1.16	81.2	29.2	4.7	6.2
MEAN	1333		47.0	1.17	83.2	30.1	4.5	6.7
C.V.(%)	8		.	.	.	.	.	.
LSD_10	113		.	.	.	.	.	.
SEM	50		.	.	.	.	.	.
Error d.f.	234		.	.	.	.	.	.

****Highest yielder. *Not significantly different from highest yielder.**