

Average Performance of Cotton Varieties at Bertie County 2018

<i>Variety</i>	<i>Lint Yield (lb/acre)</i>	<i>sign</i>	<i>Lint (%)</i>	<i>Plant Height (in)</i>	<i>Bolls Opened (%)</i>	<i>UHM S.L. (in)</i>	<i>Uniformity Index</i>	<i>T1 (g/tex)</i>	<i>MIKE</i>	<i>Elongation</i>
PHY 330W3FE	1372	**	46.6	42	64	1.18	84.4	32.8	4.6	6.1
PHY 340W3FE	1322	*	46.8	43	69	1.19	85.3	32.0	4.7	6.4
PHY 480W3FE	1307	*	45.2	39	60	1.15	84.6	32.5	4.3	7.2
PHY 430W3FE	1306	*	46.5	41	58	1.13	83.5	32.5	4.5	6.8
PHY 300W3FE	1282		46.9	43	75	1.14	84.1	30.8	4.5	6.3
ST 4550GLTP	1255		47.6	45	61	1.20	84.7	34.0	4.9	7.0
DP 1916B3XF	1208		45.9	40	66	1.19	83.4	33.0	4.8	6.2
PHY 312 WRF	1198		45.2	42	64	1.19	84.7	32.9	4.7	6.6
NG 3522 B2XF	1188		45.1	41	67	1.13	83.8	27.9	4.7	6.6
ST 4949GLT	1178		48.1	44	60	1.15	84.0	31.5	4.3	6.7
DP 1646 B2XF	1168		45.1	45	62	1.28	85.6	32.6	4.3	7.1
NG 4936 B3XF	1164		42.0	40	76	1.23	85.8	30.9	4.7	7.1
PHY 580W3FE	1160		47.9	44	55	1.17	84.7	32.2	4.6	6.8
NG 5007 B2XF	1127		44.6	46	60	1.17	84.2	29.5	4.6	7.1
DP 1747NR B2XF	1122		45.1	49	41	1.17	85.1	34.1	4.8	6.7
ST 5020GLT	1116		43.1	41	65	1.24	84.4	33.6	4.7	6.9
NG 4601 B2XF	1109		45.5	44	50	1.22	85.8	34.7	4.7	6.5
ST 6182GLT	1100		47.6	48	64	1.18	84.5	30.0	4.6	6.7
DP 1538 B2XF	1097		45.6	49	62	1.19	84.9	32.0	4.5	6.6
ST 4848GLT	1095		46.4	44	62	1.17	85.1	32.3	4.9	6.3
DP 1851 B3XF	1093		44.3	47	49	1.23	85.9	35.6	4.3	7.4
PHY 440W3FE	1088		45.1	36	57	1.18	84.7	33.2	4.5	6.7
DG 3214B2XF	1073		44.1	45	47	1.21	85.7	31.7	4.8	7.1
DP 1725 B2XF	1056		45.9	44	64	1.19	84.5	31.2	4.7	6.2
DG 3605B2XF	1051		43.6	47	60	1.29	84.6	33.6	4.4	6.7
ST 5818GLT	1050		43.7	42	59	1.23	85.0	32.8	4.6	6.1
NG 3729 B2XF	1047		43.1	47	67	1.19	84.6	31.4	4.7	7.0
ST 5122GLT	1026		44.4	42	65	1.15	82.8	30.5	4.5	6.4

DP 1840 B3XF	1010		43.7	44	62	1.23	84.3	34.2	4.6	6.4
DG 3526B2XF	1010		45.8	48	69	1.15	84.2	29.0	4.8	7.8
NG 4777 B2XF	1004		42.3	47	68	1.19	83.6	32.2	4.5	5.6
DP 1835 B3XF	1003		45.2	41	62	1.19	84.0	33.0	4.5	5.8
DG 1702GLT	988		44.4	39	60	1.14	83.1	29.2	4.3	6.8
NG 4689 B2XF	984		42.4	43	70	1.15	83.8	30.8	4.7	5.7
NG 5711B3XF	978		43.1	47	50	1.18	83.0	32.9	4.3	6.6
ST 5471GLTP	970		44.2	47	52	1.14	82.2	29.4	4.6	6.6
NG 3699 B2XF	969		41.9	36	69	1.23	84.0	32.8	4.7	6.1
DP 1820 B3XF	945		45.3	40	65	1.22	83.1	34.4	4.7	5.8
ST 5517GLTP	921		41.7	38	60	1.19	82.8	34.0	4.4	6.2
NG 3780 B2XF	881		42.5	41	67	1.21	83.6	33.6	4.8	6.8
MEAN	1100		44.9	43	63	1.19	84.3	32.2	4.6	6.6
C.V.(%)	8		.	.	.	.	.	.	.	.
LSD_10	78		.	.	.	.	.	.	.	.
SEM	39		.	.	.	.	.	.	.	.
Error d.f.	234		.	.	.	.	.	.	.	.

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