

**Average Performance of Cotton Varieties at Edgecombe County 2018**

Variety	LINT YIELD	sign	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE	Elongation
PHY 312 WRF	1379	**	47.4	43	81	1.15	83.9	30.1	4.2	6.6
ST 4550GLTP	1316	*	48.5	51	80	1.15	84.0	30.0	4.3	7.2
PHY 330W3FE	1303	*	48.3	42	79	1.13	83.1	29.7	4.3	6.4
PHY 340W3FE	1266		49.3	43	87	1.13	83.3	28.5	4.2	6.5
DP 1646 B2XF	1242		47.9	43	91	1.19	82.3	28.8	4.2	7.0
NG 4936 B3XF	1233		44.5	45	80	1.21	84.6	29.3	4.3	7.1
ST 5122GLT	1229		46.9	42	80	1.12	81.6	28.3	4.1	6.6
NG 5007 B2XF	1227		47.5	45	85	1.10	81.1	27.1	4.4	6.8
PHY 300W3FE	1213		47.0	52	65	1.12	82.5	29.5	4.3	6.5
NG 5711B3XF	1208		46.5	43	96	1.15	79.7	28.0	4.1	6.6
DG 1702GLT	1200		46.5	39	92	1.12	82.4	28.5	4.1	6.8
NG 3522 B2XF	1171		45.9	44	72	1.11	82.0	26.8	4.4	6.7
ST 5517GLTP	1162		45.4	45	76	1.17	84.0	30.7	4.1	6.2
DG 3605B2XF	1161		46.8	50	77	1.22	83.8	30.1	4.1	7.1
ST 4949GLT	1157		48.6	48	61	1.08	80.9	27.1	4.4	6.7
NG 3729 B2XF	1155		45.6	46	84	1.15	82.3	28.6	4.2	6.8
ST 5471GLTP	1151		46.0	43	79	1.14	83.0	29.5	4.4	6.6
NG 4601 B2XF	1124		46.5	45	74	1.16	85.0	31.6	4.7	6.8
NG 4689 B2XF	1117		46.5	40	76	1.10	81.2	29.5	4.5	5.9
DP 1725 B2XF	1101		47.9	51	58	1.16	83.5	30.5	4.3	6.3
PHY 430W3FE	1097		47.1	41	82	1.05	81.2	29.3	4.2	6.7
DG 3526B2XF	1091		47.5	48	71	1.13	83.7	27.9	4.5	8.0
ST 5818GLT	1089		45.9	43	77	1.17	82.1	30.2	4.2	6.1
DP 1840 B3XF	1085		46.3	46	72	1.15	82.0	29.6	4.1	6.7
ST 5020GLT	1084		46.0	46	72	1.19	84.4	31.3	4.3	6.7
ST 6182GLT	1076		49.6	56	66	1.15	82.8	28.1	4.4	6.7
DP 1916B3XF)	1071		47.1	49	76	1.11	81.7	28.5	4.2	6.5
PHY 480W3FE	1070		46.4	42	73	1.12	83.1	27.9	4.2	7.2
ST 4848GLT	1069		46.6	45	80	1.15	83.0	29.6	4.3	6.6

DP 1538 B2XF	1059		46.6	55	63	1.09	82.6	27.2	4.4	7.2
DP 1820 B3XF	1044		46.5	44	74	1.15	82.1	30.3	4.6	5.9
DP 1851 B3XF	1040		46.1	52	51	1.16	83.0	33.3	4.1	7.5
DG 3214B2XF	1034		45.3	52	74	1.15	84.1	30.4	4.4	7.4
PHY 580W3FE	1032		48.9	41	59	1.15	82.1	30.6	4.1	7.0
NG 4777 B2XF	1021		46.9	42	87	1.13	81.8	30.2	4.3	5.7
DP 1747NR B2XF	1021		49.5	42	90	1.09	81.5	28.4	4.2	6.5
NG 3699 B2XF	1002		46.4	39	81	1.19	84.0	30.2	4.4	6.0
DP 1835 B3XF	994		48.0	43	80	1.12	81.8	28.4	4.5	6.3
NG 3780 B2XF	926		45.1	44	87	1.15	82.2	29.6	4.4	6.9
PHY 440W3FE	900		48.1	44	78	1.21	83.7	32.3	3.8	6.4
MEAN	1113		47.0	49	74	1.14	82.8	29.3	4.3	6.6
C.V.(%)	10		.	.	.	.	.	.	.	.
LSD_10	91		.	.	.	.	.	.	.	.
SEM	52		.	.	.	.	.	.	.	.
Error d.f.	234		.	.	.	.	.	.	.	.

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