

TABLE 5-6. Average Performance of Cotton Varieties at Bertie County -2019

<i>Variety</i>	<i>Lint Yield (lb/acre)</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>
ST 5122GLT	2075 **	46.1	40	47	1.14	81.8	32.0	4.9	6.7
CP 9608 B3XF	2057 *	49.5	39	57	1.17	83.2	32.0	4.8	5.9
DG 1702 GLT	1989 *	45.9	33	56	1.12	81.1	30.6	4.5	6.6
NG 4936 B3XF	1985 *	45.4	36	59	1.17	83.0	30.4	5.2	7.2
PHY 500 W3FE	1983 *	47.4	41	48	1.11	83.3	31.7	4.4	6.4
ST 4550GLTP	1968 *	49.0	42	52	1.17	84.5	34.7	5.0	7.0
CP 9178B3XF	1965 *	47.5	43	46	1.15	83.3	33.5	4.6	6.3
CP 9210 B3XF	1960 *	47.5	41	56	1.17	83.4	31.7	5.3	7.3
PX 5C05W3FE	1943 *	49.5	35	45	1.11	83.9	32.2	4.9	7.0
DP 1538B2XF	1924	48.0	41	61	1.07	82.2	27.7	5.1	7.5
DP 1725B2XF	1920	47.2	36	58	1.17	83.1	31.9	5.0	7.0
DP 1835B3XF	1908	47.7	43	50	1.16	81.9	32.6	4.7	6.2
ST 4848GLT	1904	47.5	40	58	1.14	83.0	30.2	5.1	6.6
ST 5471GLTP	1896	44.9	36	42	1.13	81.1	31.1	4.9	6.8
DP 1851B3XF	1891	47.2	44	39	1.19	84.3	34.5	4.7	7.6
DP 1840B3XF	1889	45.3	37	40	1.23	83.8	33.6	4.9	6.8
PHY 312 WRF	1888	45.9	37	66	1.19	83.4	32.0	4.8	6.7
PHY 580W3FE	1874	49.0	35	44	1.10	81.8	31.8	4.9	6.9
DG 3615B3XF	1871	47.0	40	30	1.15	82.2	32.5	4.8	6.9
DP 1614B2XF	1860	48.6	37	56	1.18	83.5	31.3	5.2	7.5
PX 5C45W3FE	1857	48.6	36	38	1.16	83.8	33.2	4.8	7.1
ST 5600B2XF	1855	47.2	35	52	1.19	84.5	32.8	5.2	7.1
BX 2076GLTP	1853	47.3	40	57	1.13	83.0	32.1	5.1	6.2
NG 5711B2XF	1840	46.0	34	41	1.19	83.9	32.4	4.8	6.8
DP 1646B2XF	1829	47.7	40	52	1.23	83.7	30.6	4.7	7.4
PHY 400 W3FE	1826	47.7	36	54	1.17	83.8	33.8	4.6	6.5
PHY 480 W3FE	1815	45.6	35	46	1.17	84.8	31.1	4.6	7.5
PHY 340 W3FE	1812	48.7	41	62	1.14	83.8	31.4	4.7	6.5
PHY 350 W3FE	1798	46.3	41	63	1.19	86.0	33.3	4.9	6.9
DG 3605 B2XF	1794	47.5	44	55	1.22	83.1	32.3	4.8	6.9
PX 3D43W3FE	1787	46.7	38	48	1.13	83.7	33.9	4.9	6.7
NG 3729B2XF	1783	45.0	37	55	1.17	83.1	31.3	5.1	7.0
CPS 18507CB3XF	1780	47.9	33	70	1.15	82.6	29.7	4.9	7.3
DP 1916B3XF	1764	47.9	41	57	1.13	84.0	33.4	5.0	6.3
CPS 18269GLTP	1763	46.7	39	69	1.15	83.4	31.7	4.9	6.8
PX 3D32W3FE	1756	45.7	40	60	1.17	83.0	32.8	4.4	6.9
DG 3570B3XF	1736	47.2	36	48	1.12	83.6	30.1	5.1	7.2

PX 5E34W3FE	1729	43.8	34	66	1.19	83.9	35.5	4.3	6.9
AMX 1828B3XF	1723	45.7	38	43	1.16	83.3	31.5	5.0	6.7
DG 3470B3XF	1720	46.8	37	57	1.15	83.4	29.8	5.1	7.7
PX 5E28W3FE	1701	43.6	40	51	1.15	83.9	34.5	4.3	7.1
DG 3526B2XF	1699	47.5	37	55	1.12	83.7	29.1	5.2	8.0
AMX 19A005B3XF	1682	46.3	37	64	1.17	82.6	30.4	5.0	6.6
NG 3930B3XF	1676	45.7	34	57	1.16	83.4	30.1	5.0	6.5
NG 4098 B3XF	1653	44.3	33	56	1.23	83.9	35.5	4.5	6.5
NG 3994 B3XF	1632	46.1	35	59	1.17	83.6	30.9	5.0	6.7
DG 3385 B2XF	1626	46.0	36	55	1.17	83.9	29.8	4.8	7.6
AMX 1818B3XF	1552	44.4	39	48	1.19	83.8	34.2	4.9	7.1
AMX 1816B3XF	1525	41.7	41	53	1.19	84.4	32.7	4.4	5.9
NG 3522 B2XF	1513	44.2	36	59	1.08	81.5	27.8	4.9	6.5
MEAN	1817	46.6	38	53	1.16	83.3	31.9	4.9	6.9
C.V.(%)	7.6	.	.	.	.	.	.	.	.
LSD_10	138	.	.	.	.	.	.	.	.
SEM	61.9	.	.	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.	.	.

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