

TABLE 5-4. Average Performance of Cotton Varieties at Johnston 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>
CPS 18269GLTP	1324 **	47.2	32	72	1.14	83.3	31.0	4.9	10.4
DP 1835B3XF	1317 *	47.7	32	69	1.14	82.4	31.1	4.7	8.2
PHY 500 W3FE	1281 *	45.3	35	43	1.12	82.0	33.8	4.5	8.5
DG 1702 GLT	1249 *	44.2	36	69	1.05	80.9	31.5	4.8	10.0
ST 4550GLTP	1242 *	47.2	35	75	1.11	82.8	33.0	4.6	10.0
DG 3615B3XF	1239 *	46.1	37	63	1.06	81.6	31.4	5.0	10.3
PHY 340 W3FE	1231 *	46.8	31	75	1.09	82.7	30.9	4.8	9.5
NG 3930B3XF	1225 *	43.7	34	84	1.11	82.1	29.9	4.5	8.9
NG 4098 B3XF	1213 *	42.9	29	53	1.22	84.5	36.1	4.5	8.6
PX 3D43W3FE	1209 *	46.2	35	67	1.07	82.4	30.5	4.9	9.9
CP 9608 B3XF	1191 *	47.6	34	78	1.10	82.1	28.1	4.7	8.6
DP 1614B2XF	1186 *	45.3	30	79	1.11	83.6	30.8	5.1	10.5
DP 1646B2XF	1186 *	46.7	34	66	1.21	84.8	30.1	4.8	10.1
DP 1725B2XF	1179 *	47.6	33	64	1.11	81.8	29.2	4.8	9.1
DG 3385 B2XF	1176	44.7	36	80	1.08	83.4	28.3	4.7	10.7
BX 2076GLTP	1175	45.6	29	46	1.13	83.9	32.1	5.1	8.1
PX 3D32W3FE	1172	46.3	32	72	1.12	82.5	31.4	4.9	10.1
NG 3729B2XF	1171	43.4	36	80	1.16	84.1	29.8	4.9	10.4
PHY 350 W3FE	1161	43.9	36	72	1.09	82.9	31.0	4.8	10.1
PX 5E28W3FE	1133	43.8	35	67	1.10	82.5	33.3	4.4	9.6
DP 1538B2XF	1127	45.3	37	71	1.08	83.1	27.0	5.0	10.8
ST 5122GLT	1108	44.1	35	66	1.08	81.4	31.0	4.8	9.4
NG 3522 B2XF	1101	43.6	33	73	1.05	82.7	27.3	4.8	9.4
PX 5C45W3FE	1093	46.2	35	64	1.08	83.8	30.7	4.5	10.1
PX 5E34W3FE	1093	42.8	38	61	1.12	82.6	32.3	4.3	9.9
DG 3605 B2XF	1089	45.5	36	74	1.17	82.6	32.0	4.8	9.8
PHY 400 W3FE	1088	45.2	28	73	1.11	82.0	31.0	4.6	9.1
ST 5471GLTP	1078	42.5	36	62	1.13	83.0	31.8	4.6	9.8
PHY 580W3FE	1074	46.3	38	50	1.06	81.9	30.4	4.3	9.9
PHY 312 WRF	1069	44.7	35	79	1.15	85.1	32.7	4.8	10.0
CPS 18507CB3XF	1050	44.8	33	68	1.12	82.9	32.3	4.9	10.4
AMX 1828B3XF	1047	43.8	35	57	1.14	83.7	33.1	4.9	9.1
DP 1851B3XF	1043	45.8	37	68	1.13	83.6	32.0	4.6	10.1
PX 5C05W3FE	1036	46.7	33	38	1.05	83.4	30.6	4.6	10.6
(WinField United)	1030	46.3	33	80	1.15	84.2	31.5	5.3	10.8
DG 3570B3XF	1028	44.6	36	57	1.06	83.1	30.8	5.2	10.7
AMX 1818B3XF	1024	44.0	39	82	1.10	84.0	34.2	5.0	10.4

DG 3526B2XF	1024	45.5	33	68	1.09	83.9	29.1	4.7	11.3
CP 9178B3XF	1022	45.7	36	63	1.10	83.8	31.6	5.0	9.2
NG 4098 B3XF	1005	45.0	40	79	1.11	82.6	29.5	4.6	9.8
DP 1840B3XF	1000	43.6	33	58	1.17	84.6	34.0	4.5	10.0
AMX 1816B3XF	996	39.8	39	73	1.15	82.6	30.9	4.2	7.8
DP 1916B3XF	982	46.2	33	60	1.08	82.8	30.6	5.0	9.5
NG 4936 B3XF	982	41.8	33	67	1.15	84.2	30.9	4.6	10.1
DG 3470B3XF	963	44.3	31	59	1.08	82.7	29.6	5.1	11.5
PHY 480 W3FE	955	44.7	29	44	1.10	83.7	30.9	4.6	10.2
NG 3994 B3XF	952	46.2	33	77	1.12	82.8	30.4	5.0	9.3
NG 5711B2XF	865	44.0	38	74	1.15	83.8	31.6	4.6	9.6
ST 4848GLT	836	43.9	34	68	1.07	82.8	29.6	4.8	9.6
ST 5600B2XF	831	45.8	36	58	1.07	82.9	30.8	5.4	10.8
MEAN	1097	45.0	34	67	1.11	83.0	31.0	4.8	9.8
C.V.(%)	16.7	.	.	.	.	.	.	.	.
LSD_10	147	.	.	.	.	.	.	.	.
SEM	82.1	.	.	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.	.	.

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