

**TABLE 5-7. Average Performance of Cotton Varieties at Washington 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 4550GLTP	1338 **	45.3	58	09	1.21	84.6	32.4	4.0	7.2
DG 1702 GLT	1337 *	43.2	61	07	1.19	83.4	32.5	3.8	6.8
CP 9178B3XF	1222 *	42.6	59	15	1.18	84.1	32.7	4.1	6.7
NG 3729B2XF	1188 *	41.2	58	11	1.23	84.8	31.8	4.3	7.0
CPS 18269GLTP	1186 *	43.5	52	09	1.23	83.9	32.2	4.0	7.0
PHY 340 W3FE	1184 *	43.1	56	23	1.19	84.4	33.3	3.9	6.5
PHY 312 WRF	1178 *	43.1	52	22	1.17	82.6	32.3	3.9	6.5
ST 5122GLT	1158 *	41.6	56	11	1.21	83.4	32.2	3.7	6.8
DP 1614B2XF	1140	43.1	67	08	1.23	84.6	31.4	4.0	7.1
DG 3570B3XF	1130	43.2	50	16	1.19	84.0	31.8	4.3	7.1
NG 4936 B3XF	1109	40.0	49	28	1.27	84.2	31.6	3.8	7.1
DP 1538B2XF	1108	44.1	54	10	1.13	83.7	30.6	4.3	7.5
DP 1916B3XF	1102	43.4	60	09	1.19	83.6	34.5	3.9	6.1
BX 2076GLTP	1089	41.7	54	11	1.16	82.8	32.5	4.3	6.1
ST 5471GLTP	1085	40.6	53	14	1.21	82.8	31.8	3.4	6.9
AMX 1818B3XF	1080	41.7	61	15	1.25	85.0	32.8	4.3	6.9
DG 3470B3XF	1074	43.2	54	13	1.19	84.3	33.1	4.0	7.3
DP 1725B2XF	1072	44.4	55	23	1.21	83.7	32.3	3.7	6.4
PX 3D43W3FE	1066	43.8	53	09	1.19	84.8	34.7	4.1	6.7
NG 3994 B3XF	1057	43.6	55	18	1.19	82.7	31.7	3.8	6.8
CPS 18507CB3XF	1051	43.2	51	15	1.21	83.6	31.6	3.8	7.1
PHY 500 W3FE	1047	44.6	68	06	1.20	83.4	34.1	3.3	6.2
DG 3615B3XF	1046	43.0	62	06	1.21	83.2	32.1	3.8	6.6
PX 5E28W3FE	1044	39.9	66	11	1.21	84.4	33.8	3.3	6.7
CP 9608 B3XF	1042	46.0	55	13	1.20	82.5	31.3	3.8	6.4
PHY 400 W3FE	1038	43.5	43	14	1.23	84.0	34.4	3.5	6.3
DG 3385 B2XF	1031	42.5	52	22	1.20	85.3	30.6	4.0	7.6
PX 5C45W3FE	1021	45.0	65	06	1.17	84.8	33.3	3.8	6.6
CP 9210 B3XF	1006	42.8	56	08	1.19	83.0	32.7	4.3	7.0
DP 1646B2XF	999	44.4	66	09	1.25	83.5	31.0	3.8	7.3
PX 3D32W3FE	989	42.1	57	11	1.23	83.6	32.9	3.5	6.7
DG 3526B2XF	977	43.8	59	11	1.19	84.0	30.8	4.1	7.9
DP 1851B3XF	977	41.9	57	08	1.22	84.4	34.9	3.4	7.1
ST 4848GLT	971	41.9	55	13	1.19	83.8	32.2	3.7	6.4
AMX 1828B3XF	969	40.3	62	15	1.24	84.3	32.8	4.1	6.6
PX 5E34W3FE	966	41.6	71	10	1.21	83.8	33.6	3.2	6.5
ST 5600B2XF	956	42.4	54	10	1.23	83.7	31.2	3.9	7.1

DP 1840B3XF	950	41.6	63	07	1.26	83.8	33.4	3.2	6.5
PHY 580W3FE	948	43.3	62	15	1.22	83.8	32.3	3.3	6.6
DP 1835B3XF	940	44.4	52	10	1.22	84.1	32.7	3.8	5.9
AMX 1816B3XF	927	36.2	51	16	1.23	82.6	31.7	3.5	6.1
NG 3522 B2XF	923	41.1	61	12	1.15	82.5	29.5	3.6	6.5
PHY 480 W3FE	920	41.7	58	08	1.21	84.3	29.7	3.3	7.1
AMX 19A005B3XF	916	40.5	51	11	1.31	84.7	37.2	3.6	6.3
NG 4098 B3XF	895	42.5	50	15	1.22	83.5	30.7	3.8	7.0
NG 3930B3XF	870	40.7	48	21	1.23	83.6	30.6	3.4	6.8
DG 3605 B2XF	831	43.7	55	19	1.30	84.5	32.3	3.5	7.0
PX 5C05W3FE	826	45.7	62	08	1.16	83.5	33.7	3.5	6.9
PHY 350 W3FE	817	41.6	53	09	1.19	82.7	33.3	3.7	6.7
NG 5711B2XF	781	40.8	60	08	1.23	83.1	32.2	3.4	6.7
MEAN	1032	42.6	57	13	1.21	83.8	32.4	3.8	6.8
C.V.(%)	17.2	.	.	.	.	.	.	.	.
LSD_10	183	.	.	.	.	.	.	.	.
SEM	79.4	.	.	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.	.	.

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