

TABLE 5-7. Average Performance of Cotton Varieties at Rowan County - 2019

<i>Variety</i>	<i>Lint Yield (lb/acre)</i>	<i>Lint (%)</i>	<i>UHM S.L. (in)</i>	<i>Uniformity Index</i>	<i>T1 (g/tex)</i>	<i>MIKE</i>	<i>Elongation</i>
NG 4098 B3XF	1049 **	41.1	1.28	84.5	36.2	4.1	7.5
PHY 480 W3FE	999 *	43.7	1.17	85.2	32.5	4.3	10.1
NG 4936 B3XF	959 *	40.9	1.23	84.1	31.7	4.2	8.8
PHY 340 W3FE	930 *	44.5	1.15	84.4	31.9	4.3	8.1
DG 3526B2XF	922	44.9	1.17	84.3	31.2	4.2	9.3
DP 1614B2XF	896	42.5	1.19	84.5	32.9	4.4	8.6
CP 9210 B3XF	893	45.7	1.19	83.9	34.8	4.9	9.4
CP 9608 B3XF	891	45.2	1.15	83.3	29.8	4.1	7.9
CPS 18507CB3XF	886	43.6	1.15	82.8	32.0	4.5	9.4
NG 3930B3XF	875	44.4	1.16	83.8	31.3	4.5	8.6
PHY 312 WRF	873	43.1	1.13	83.4	32.6	4.3	9.0
DG 3570B3XF	864	44.1	1.15	83.4	33.6	4.7	9.5
NG 3522 B2XF	862	42.5	1.10	83.0	28.1	4.4	8.6
ST 4848GLT	856	43.7	1.15	84.0	32.4	4.3	7.6
PHY 400 W3FE	853	43.8	1.16	83.5	33.1	4.3	7.9
NG 3994 B3XF	852	44.6	1.10	81.5	30.1	4.4	8.8
AMX 1828B3XF	845	42.5	1.16	83.4	33.7	4.5	7.7
DG 3470B3XF	842	42.1	1.19	84.4	33.6	4.6	8.9
BX 2076GLTP	841	44.6	1.19	84.4	34.8	4.7	7.3
ST 5471GLTP	826	42.3	1.17	82.6	33.0	4.4	8.3
DP 1725B2XF	813	41.8	1.18	82.9	31.6	4.2	7.1
NG 5711B2XF	806	42.0	1.23	84.7	34.0	4.1	8.0
PHY 350 W3FE	805	41.9	1.17	84.5	34.0	4.2	9.1
ST 5600B2XF	803	42.9	1.17	82.8	32.8	4.8	9.1
CP 9178B3XF	795	43.3	1.17	84.0	36.0	4.2	7.5
DG 3605 B2XF	793	43.6	1.21	82.4	31.5	4.2	9.1
DP 1835B3XF	789	43.1	1.19	83.8	33.4	3.9	7.4
DP 1851B3XF	782	41.5	1.17	83.3	35.8	3.7	8.5
PHY 580W3FE	776	44.3	1.17	84.4	31.3	4.5	9.0
PX 3D43W3FE	775	43.6	1.13	83.7	35.1	4.6	8.9
DP 1916B3XF	760	43.2	1.15	83.7	36.3	4.2	8.4
AMX 19A005B3XF	753	42.3	1.17	85.0	32.8	4.0	8.3
PX 5C45W3FE	743	43.2	1.15	84.2	33.8	4.1	9.2
DP 1646B2XF	741	41.7	1.22	81.8	31.3	3.7	7.9
DP 1538B2XF	740	42.0	1.13	83.9	31.2	4.4	9.0
PX 5C05W3FE	732	43.3	1.17	84.7	32.6	3.9	9.1
NG 3729B2XF	731	40.1	1.21	84.8	31.2	4.5	9.1

PX 5E28W3FE	731	40.6	1.15	82.7	33.2	3.7	8.5
5D28W3FE)	728	42.6	1.19	84.1	34.6	3.9	7.8
DG 3385 B2XF	713	42.8	1.14	83.0	33.6	4.3	8.8
ST 5122GLT	703	40.6	1.15	83.1	33.1	4.3	8.4
PX 5E34W3FE	697	40.5	1.15	83.0	34.3	3.8	8.6
DG 1702 GLT	678	41.9	1.16	83.3	31.7	4.5	8.8
AMX 1816B3XF	675	37.9	1.21	84.8	33.4	4.0	6.7
DP 1840B3XF	650	39.2	1.23	82.8	33.1	3.6	7.7
PX 3D32W3FE	649	42.1	1.19	84.0	33.6	4.3	9.0
DG 3615B3XF	640	43.6	1.14	83.9	32.0	4.2	8.3
CPS 18269GLTP	619	43.6	1.15	84.0	33.9	4.3	8.4
AMX 1818B3XF	588	39.9	1.17	84.2	34.8	4.2	8.7
ST 4550GLTP	525	41.9	1.15	82.3	33.6	4.1	9.2
MEAN	791	42.6	1.17	83.7	32.9	4.2	8.5
C.V.(%)	28.4	.	.	.	.	.	.
LSD_10	123	.	.	.	.	.	.
SEM	100.5	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.

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