

**TABLE 5-8. Average Performance of Cotton Varieties at Montgomery 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>
DG 3570B3XF	1717 **	46.0	38	37	1.13	84.1	30.4	5.0	7.5
DG 3615B3XF	1679 *	46.2	43	29	1.14	82.9	32.0	4.7	6.8
CP 9210 B3XF	1644 *	47.3	36	43	1.21	84.1	34.6	5.1	7.3
PHY 312 WRF	1628 *	45.5	36	49	1.15	83.3	31.5	4.6	6.9
CP 9608 B3XF	1619	47.0	35	42	1.14	82.9	29.6	4.8	6.4
CP 9178B3XF	1611	46.2	38	37	1.14	83.3	33.4	4.8	6.4
DP 1835B3XF	1596	48.0	37	27	1.13	82.0	30.7	4.6	6.3
DP 1851B3XF	1578	45.5	38	32	1.15	82.8	32.6	4.4	7.7
NG 4098 B3XF	1578	43.7	32	34	1.25	83.5	36.3	4.4	6.4
DP 1538B2XF	1574	46.0	41	39	1.08	82.9	28.1	5.1	7.5
DP 1840B3XF	1555	43.5	36	24	1.17	83.5	31.7	4.6	6.9
DP 1916B3XF	1555	46.7	34	38	1.15	83.7	32.8	4.5	6.5
PX 5C05W3FE	1554	47.7	35	39	1.07	83.1	31.1	4.4	7.3
DG 3526B2XF	1554	45.9	36	42	1.12	83.5	30.0	4.9	8.4
ST 4550GLTP	1546	48.0	34	46	1.10	81.8	32.7	4.6	7.1
PHY 400 W3FE	1540	45.8	35	40	1.20	84.5	34.4	4.1	6.5
PX 5C45W3FE	1539	46.2	34	43	1.09	83.1	30.2	4.0	7.0
DP 1725B2XF	1539	46.0	33	47	1.15	82.6	30.5	4.7	6.4
DG 3385 B2XF	1530	45.3	35	37	1.14	83.3	29.9	4.8	7.7
PX 5E34W3FE	1526	41.9	39	49	1.15	83.6	32.4	3.9	7.0
PHY 340 W3FE	1522	47.1	33	43	1.15	84.8	33.4	4.4	6.7
CPS 18507CB3XF	1520	43.7	34	42	1.13	83.0	30.6	4.6	7.5
PX 3D43W3FE	1515	46.2	34	40	1.10	83.2	33.3	4.7	6.8
ST 5122GLT	1513	44.2	33	46	1.09	81.5	32.1	4.6	6.5
CPS 18269GLTP	1506	46.8	37	41	1.18	84.8	32.3	4.7	7.2
BX 2076GLTP	1504	46.2	37	36	1.17	84.4	33.6	4.7	6.0
AMX 19A005B3XF	1495	45.3	38	29	1.16	83.9	30.7	4.9	7.1
NG 4936 B3XF	1493	44.1	35	41	1.19	85.2	30.9	4.8	7.5
ST 5471GLTP	1491	44.2	33	39	1.15	83.6	33.3	4.6	6.5
DP 1614B2XF	1489	46.7	33	42	1.17	84.4	30.8	5.2	7.6
PHY 350 W3FE	1486	44.3	37	53	1.14	83.2	30.9	4.5	7.0
PX 3D32W3FE	1484	45.4	33	38	1.18	83.7	33.1	4.5	7.0
NG 5711B2XF	1477	44.1	36	29	1.19	84.2	32.6	4.2	7.0
ST 5600B2XF	1475	46.5	34	26	1.13	83.2	33.0	5.3	7.1
DP 1646B2XF	1472	46.2	38	42	1.23	84.0	30.7	4.9	7.4
PX 5E28W3FE	1467	42.2	37	42	1.14	82.6	32.4	3.8	6.9
PHY 480 W3FE	1457	44.6	33	49	1.15	84.9	32.0	3.9	7.6

DG 3605 B2XF	1454	44.7	39	44	1.23	84.9	31.4	4.8	7.3
DG 1702 GLT	1451	44.4	38	27	1.17	82.5	32.7	4.5	6.9
DG 3470B3XF	1445	44.6	36	49	1.11	82.2	31.6	5.0	7.8
AMX 1828B3XF	1442	44.8	41	31	1.18	84.1	31.7	4.9	6.9
PHY 580W3FE	1428	44.7	35	37	1.13	83.8	30.0	4.2	7.2
NG 3729B2XF	1412	43.4	39	38	1.17	83.2	30.7	4.7	7.3
PHY 500 W3FE	1406	45.2	36	45	1.15	83.6	34.8	4.1	6.2
AMX 1818B3XF	1400	44.2	38	28	1.15	83.1	32.6	4.9	7.3
NG 3994 B3XF	1395	46.6	33	38	1.16	83.2	30.5	4.7	7.0
NG 3930B3XF	1373	44.0	36	37	1.15	84.4	30.7	4.5	6.9
ST 4848GLT	1361	45.2	36	45	1.10	83.5	31.3	4.5	6.6
NG 3522 B2XF	1324	41.5	32	40	1.09	82.0	27.7	4.3	6.9
AMX 1816B3XF	1227	39.8	41	33	1.19	84.2	33.8	3.9	6.1
MEAN	1503	45.2	36	39	1.15	83.4	31.8	4.6	7.0
C.V.(%)	6.5	.	.	.	.	.	.	.	.
LSD_10	94	.	.	.	.	.	.	.	.
SEM	43.7	.	.	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.	.	.

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