

TABLE 5-9. Average Performance of Cotton Varieties at Washington County - 2021

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
NG 3195 B3XF	1567 **	43.6	36	35	1.19	83.5	32.9	4.3
PHY 545 W3FE	1482 *	47.2	37	35	1.16	84.5	34.4	4.6
ST 5091 B3XF	1480 *	43.3	32	26	1.17	84.1	33.3	4.8
DGX 13652-D B3XF	1434 *	44.3	36	32	1.22	83.2	32.9	4.3
NG 3299 B3XF	1433 *	44.0	40	38	1.17	82.9	33.1	4.3
DP 1840B3XF	1414 *	44.1	37	42	1.16	83.8	33.2	4.5
ST 4993 B3XF	1405 *	43.7	40	35	1.17	83.9	33.5	4.6
20R745NRB3XF	1405 *	45.1	42	34	1.21	84.8	33.2	4.3
BX 2297B3XF	1400 *	43.6	39	26	1.16	83.9	33.0	4.5
DG 3456 B3XF	1393 *	44.3	32	26	1.16	84.4	36.1	4.7
DGX 149688 B3XF	1392 *	43.5	39	27	1.19	84.5	33.8	4.1
NG 3930B3XF	1390	43.7	41	21	1.21	84.0	36.4	4.0
Armor 9608 B3XF	1384	43.1	39	25	1.20	84.1	35.8	4.2
PHY 350 W3FE	1381	43.6	40	29	1.19	84.2	33.8	4.5
DP 2055 B3XF	1381	41.7	28	25	1.17	84.1	33.2	4.5
DGX 1427-B B3XF	1367	44.3	36	32	1.16	84.9	37.4	4.7
20R734B3XF	1361	45.3	39	29	1.17	83.5	32.5	4.2
BX 2298B3XF	1354	43.1	31	14	1.19	84.6	35.6	4.7
PX1140A383-04W3FE	1336	46.0	30	13	1.16	84.6	35.4	4.4
DP 2141NR B3XF	1332	44.9	36	22	1.21	85.7	33.7	4.5
NG 4936 B3XF	1332	43.1	42	35	1.20	84.8	32.6	4.1
PHY 340 W3FE	1330	43.9	38	28	1.19	84.0	34.9	4.2
DGX 149689 B3XF	1320	45.4	42	38	1.21	84.8	32.8	4.7
NG 4190 B3XF	1318	43.6	38	28	1.23	84.7	32.4	4.0
ST 5471GLTP	1314	44.0	28	9	1.19	84.2	32.9	4.5
Armor 9371 B3XF	1308	45.3	41	44	1.18	84.2	32.0	4.2
PHY 390 W3FE	1308	44.9	36	31	1.16	83.7	34.1	4.5

TABLE 5-6. Average Performance of Cotton Varieties at Washington County 2021
continued

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
PHY 400 W3FE	1304	45.0	40	29	1.16	83.6	34.0	4.6
DGX 149687 B3XF	1304	42.7	34	15	1.21	84.4	33.9	4.2
BX 2296B3XF	1303	44.6	34	15	1.14	84.3	33.5	4.6
DP 1646B2XF	1298	42.0	43	31	1.25	84.5	33.6	4.4
PHY 360 W3FE	1285	44.8	44	41	1.21	84.3	33.8	4.0
Aarmor 9831 B3XF	1282	47.0	42	42	1.18	83.8	32.6	4.4
DP 2115 B3XF	1278	44.7	42	39	1.18	83.5	36.2	4.7
DP 2239 B3XF	1270	45.5	30	17	1.18	84.1	34.0	4.5
DG H959 B3XF	1266	41.7	34	19	1.21	84.7	36.6	3.9
DP 2012 B3XF	1264	42.4	34	22	1.25	85.5	34.5	4.2
PX1140A385-04W3FE	1256	44.4	33	11	1.16	84.4	33.2	4.4
ST 4595 B3XF	1253	45.6	30	9	1.17	83.7	35.1	4.7
ST 4990 B3XF	1247	44.4	35	17	1.19	83.8	34.5	4.1
PX1130A329-04W3FE	1242	43.0	31	30	1.20	84.3	34.1	4.0
DP 2038 B3XF	1240	43.7	47	33	1.23	83.9	35.1	3.8
DP 2127 B3XF	1224	41.1	33	22	1.20	83.8	36.3	4.3
PHY 443 W3FE	1216	42.3	38	16	1.16	84.9	35.4	4.2
DP 2020 B3XF	1215	47.3	43	37	1.14	82.8	34.0	4.5
20R744B3XF	1205	43.2	36	27	1.18	83.5	34.0	4.5
DGX 139244 B3XF	1200	44.0	38	34	1.19	83.7	33.6	4.1
NG 5150 B3XF	1191	46.5	44	19	1.16	84.4	35.4	4.4
PHY 500 W3FE	1185	43.6	37	22	1.16	82.9	33.3	3.9
PHY 332 W3FE	1172	45.5	40	21	1.15	84.6	33.5	4.7
ST 4550 GLTP	1164	42.9	32	31	1.19	85.5	36.4	4.6
PX 4B08 W3FE	1143	44.7	37	21	1.20	84.5	33.7	4.3
DG 3535 B3XF	1128	44.1	35	15	1.18	84.7	35.8	4.7
MEAN	1311	44.1	37	27	1.18	84.2	34.1	4.4
C.V.(%)	18	.	.	.	.	.	.	.
LSD_10	177	.	.	.	.	.	.	.

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