

Table 5-3. Average Performance of Cotton Varieties Across Locations — 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	1242 **	45.9	40	57	1.14	83.1	32.0	4.5
Armor 9371 B3XF	1225 *	46.7	43	47	1.13	83.8	31.9	4.5
PHY 390 W3FE	1199 *	46.5	37	54	1.15	83.2	32.8	4.4
ST 5091 B3XF	1196 *	45.4	42	52	1.15	83.4	31.1	4.3
PHY 400 W3FE	1193 *	46.5	37	54	1.15	83.6	32.7	4.3
ST 4595 B3XF	1185 *	46.4	37	42	1.15	83.7	32.4	4.5
PHY 350 W3FE	1180 *	45.5	40	43	1.13	83.3	32.9	4.6
PHY 360 W3FE	1180 *	45.7	41	59	1.13	82.8	31.8	4.4
PX1140A383-04W3FE	1178 *	47.5	37	43	1.16	83.7	33.6	4.5
DP 2012 B3XF	1172 *	44.1	37	48	1.17	83.6	32.6	4.4
ST 4990 B3XF	1169 *	43.3	44	45	1.17	84.1	32.7	4.4
20R744B3XF	1164 *	47.5	40	45	1.15	83.4	31.0	4.4
NG 4190 B3XF	1163 *	45.4	42	46	1.17	83.9	31.9	4.2
BX 2298B3XF	1154 *	46.5	40	40	1.10	82.5	31.1	4.8
PHY 332 W3FE	1152 *	46.9	40	49	1.13	83.4	32.9	4.7
PHY 443 W3FE	1151 *	46.6	43	39	1.13	83.6	32.7	4.5
DP 2020 B3XF	1150 *	44.3	40	53	1.16	83.5	33.4	4.4
DP 2239 B3XF	1147 *	46.4	38	46	1.18	84.0	32.4	4.5
DGX 1427-B B3XF	1147 *	44.9	37	43	1.18	84.7	34.9	4.2
DP 1646B2XF	1141 *	45.2	44	44	1.18	83.5	31.4	4.4
PHY 545 W3FE	1140 *	48.6	38	42	1.13	83.3	31.9	4.6
DP 2127 B3XF	1139 *	46.2	40	42	1.13	83.2	33.0	4.7
20R734B3XF	1136 *	46.5	43	53	1.14	83.3	31.1	4.7
NG 3299 B3XF	1134 *	46.1	40	50	1.14	84.3	34.5	4.8
NG 5150 B3XF	1133 *	45.1	41	37	1.16	82.8	32.3	4.4
PHY 340 W3FE	1132 *	47.0	40	50	1.13	83.1	31.8	4.4
ST 4993 B3XF	1126 *	46.4	42	42	1.14	83.8	32.9	4.7

**Table 5-3. Average Performance of Cotton Varieties Across Locations — 2021
Continued**

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index (%)	T1 (g/tex)	MIKE
NG 3930B3XF	1124 *	45.0	39	53	1.15	83.5	32.2	4.4
ST 5471GLTP	1123 *	44.3	37	46	1.15	82.5	31.7	4.4
DP 2141NR B3XF	1120 *	46.6	40	44	1.15	83.5	33.7	4.7
DP 2115 B3XF	1118 *	47.1	41	48	1.14	83.8	32.1	4.6
NG 4936 B3XF	1117 *	43.1	41	45	1.18	84.3	31.9	4.3
PX1140A385-04W3FE	1111 *	47.9	40	33	1.12	83.8	33.4	4.5
BX 2297B3XF	1109	46.2	41	37	1.14	83.3	30.8	4.4
PX 4B08 W3FE	1106	47.7	39	41	1.10	83.0	32.2	4.6
PX1130A329-04W3FE	1104	47.6	38	43	1.15	83.6	32.3	4.5
DGX 149688 B3XF	1102	44.3	39	41	1.16	83.8	33.7	4.3
DP 1840B3XF	1098	44.7	40	40	1.16	83.4	32.5	4.5
DP 2055 B3XF	1097	45.8	42	44	1.17	83.0	31.6	4.7
DGX 149689 B3XF	1095	46.0	41	37	1.13	83.2	31.0	4.6
DG 3456 B3XF	1093	45.9	40	41	1.14	83.6	32.0	4.4
ST 4550 GLTP	1091	46.2	41	50	1.13	83.9	32.7	4.7
Armor 9608 B3XF	1088	46.9	41	40	1.13	82.4	31.0	4.4
Armor 9831 B3XF	1079	46.1	42	43	1.15	83.4	31.7	4.7
DGX 149687 B3XF	1062	45.6	38	40	1.16	84.0	33.4	4.6
DP 2038 B3XF	1059	47.7	45	44	1.13	82.2	32.2	4.5
DGX 13652-D B3XF	1053	43.0	42	36	1.15	83.8	34.4	4.4
DG H959 B3XF	1043	43.7	42	37	1.14	83.4	32.7	4.4
PHY 500 W3FE	1040	46.2	41	30	1.13	83.6	33.4	4.1
DG 3535 B3XF	1038	44.4	40	44	1.16	83.4	31.9	4.4
DGX 139244 B3XF	1024	45.5	40	34	1.15	83.2	32.2	4.0
BX 2296B3XF	1010	46.9	43	27	1.13	83.7	32.7	4.6
20R745NRB3XF	1008	46.8	45	25	1.14	82.8	32.8	4.6
MEAN	1123	45.9	40	44	1.15	83.4	32.4	4.5
C.V.(%)	8.8	.	.	.	.	.	.	.
BLSD(K=50)	133	.	.	.	.	.	.	.
S.E.	44.1	.	.	.	.	.	.	.

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

Based on data from 6 locations