

TABLE 5-7. Average Performance of Cotton Varieties at Montgomery County - 2021

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
Armor 9371 B3XF	1646 **	48.3	43	58	1.10	83.4	30.8	4.7
DP 2127 B3XF	1549 *	48.2	38	67	1.11	83.1	30.0	4.1
NG 3195 B3XF	1548 *	47.7	42	60	1.11	81.9	29.9	4.5
ST 5091 B3XF	1545 *	46.4	42	69	1.06	81.9	29.6	4.4
DP 2020 B3XF	1540 *	45.2	37	76	1.13	83.3	32.5	4.5
ST 4595 B3XF	1527	47.2	37	62	1.13	84.2	30.6	4.7
DP 1646B2XF	1505	48.5	44	58	1.10	83.4	32.1	4.3
ST 4990 B3XF	1503	43.5	38	63	1.09	82.8	31.9	4.1
20R744B3XF	1461	50.5	43	62	1.09	83.0	31.6	4.2
DP 2115 B3XF	1456	48.2	38	69	1.16	84.5	30.8	4.3
NG 4190 B3XF	1454	48.6	40	76	1.17	83.5	30.7	4.5
ST 5471GLTP	1446	45.7	38	65	1.14	80.9	30.3	4.1
NG 3299 B3XF	1441	47.6	43	63	1.12	83.2	29.4	4.6
PHY 350 W3FE	1439	47.7	43	63	1.09	83.1	29.7	4.9
ST 4993 B3XF	1436	48.0	44	56	1.13	83.3	31.5	4.6
BX 2297B3XF	1432	48.0	40	55	1.16	83.8	30.3	4.1
DP 2012 B3XF	1424	46.6	40	69	1.13	82.8	31.5	4.2
PX1140A383-04W3FE	1414	49.6	37	60	1.12	83.4	31.2	4.3
Armor 9831 B3XF	1413	46.7	40	57	1.12	83.7	30.2	4.5
DP 2239 B3XF	1412	47.8	36	70	1.15	84.0	31.3	4.4
PHY 400 W3FE	1408	47.8	36	72	1.13	84.1	31.8	4.5
DP 1840B3XF	1408	46.5	44	48	1.15	84.7	31.4	4.3
BX 2298B3XF	1405	47.3	42	60	1.10	82.3	29.5	4.5
PHY 390 W3FE	1391	47.4	35	71	1.16	84.6	30.7	4.2
DP 2038 B3XF	1390	51.7	46	56	1.15	83.7	31.6	4.5
PHY 360 W3FE	1388	47.5	39	82	1.13	83.8	30.7	4.5
20R734B3XF	1383	48.3	45	75	1.15	84.1	30.9	4.5

TABLE 5-7. Average Performance of Cotton Varieties at Montgomery County 2021
continued

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
NG 5150 B3XF	1382	45.7	41	64	1.16	83.5	30.7	4.0
ST 4550 GLTP	1369	48.7	39	62	1.12	83.0	29.0	4.2
PHY 443 W3FE	1367	50.7	42	53	1.15	84.1	30.5	4.4
DP 2141NR B3XF	1365	49.0	41	59	1.16	83.2	33.7	4.2
NG 4936 B3XF	1362	44.5	38	73	1.10	83.4	30.0	4.8
DGX 149689 B3XF	1361	47.0	42	37	1.10	82.5	28.4	4.1
DG H959 B3XF	1361	46.4	40	63	1.06	81.9	28.7	4.5
PX 4B08 W3FE	1361	49.5	40	62	1.09	82.7	30.5	4.5
NG 3930B3XF	1357	46.8	38	72	1.12	82.4	31.5	4.3
DGX 1427-B B3XF	1341	47.1	36	67	1.14	83.9	31.4	4.5
DG 3535 B3XF	1340	45.2	38	69	1.14	83.8	29.6	4.4
PHY 500 W3FE	1337	48.5	46	37	1.12	83.4	30.4	4.2
PHY 545 W3FE	1327	50.8	38	50	1.15	83.1	30.5	4.6
BX 2296B3XF	1321	49.3	41	47	1.13	83.2	32.4	4.2
DGX 149687 B3XF	1319	47.4	36	57	1.12	83.1	30.1	4.4
PHY 332 W3FE	1317	49.0	41	71	1.13	83.6	30.1	4.6
PHY 340 W3FE	1313	50.6	42	67	1.10	82.1	31.1	4.0
DP 2055 B3XF	1301	47.2	42	57	1.14	83.4	31.5	4.6
PX1140A385-04W3FE	1294	50.5	41	46	1.11	83.2	30.5	4.7
DGX 149688 B3XF	1283	45.1	37	65	1.10	83.0	31.3	4.5
DGX 13652-D B3XF	1282	42.2	39	56	1.14	83.0	30.1	4.4
Armor 9608 B3XF	1268	48.6	40	58	1.07	83.2	31.6	4.6
DGX 139244 B3XF	1256	47.3	40	49	1.13	83.2	32.0	4.1
DG 3456 B3XF	1234	48.0	38	56	1.12	84.1	31.7	4.3
20R745NRB3XF	1204	48.0	49	32	1.13	83.0	30.8	4.3
PX1130A329-04W3FE	1200	50.4	39	52	1.13	83.4	30.8	4.2
MEAN	1388	47.7	40	61	1.12	83.2	30.8	4.4
C.V.(%)	8.9	.	.	.	.	.	.	.
LSD_10	110	.	.	.	.	.	.	.

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