

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

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
DP 2239 B3XF	906 **	45.8	38	79	1.14	83.5	29.4	4.4
DP 2055 B3XF	903 *	45.4	45	68	1.15	82.4	30.4	4.8
DP 2127 B3XF	900 *	46.9	39	68	1.07	83.0	30.8	4.9
ST 4990 B3XF	889 *	43.3	45	86	1.14	83.9	31.8	4.5
Armor 9371 B3XF	885 *	46.6	36	80	1.06	82.9	29.7	4.7
NG 3195 B3XF	881 *	46.6	37	81	1.05	80.9	28.4	4.8
ST 5471GLTP	880 *	43.1	35	80	1.11	82.0	32.4	4.5
NG 4936 B3XF	875 *	42.1	40	68	1.15	83.7	30.3	4.4
DP 2115 B3XF	869 *	46.3	39	72	1.11	82.1	30.3	4.6
DP 2141NR B3XF	868 *	47.7	38	75	1.08	81.1	30.8	5.0
PHY 390 W3FE	866 *	47.3	36	84	1.09	81.5	31.6	4.4
DGX 1427-B B3XF	865 *	44.7	37	66	1.15	84.3	33.9	4.2
NG 4190 B3XF	861 *	44.6	43	59	1.12	83.4	31.6	4.3
ST 4595 B3XF	853 *	46.6	40	87	1.11	82.9	31.0	4.4
PX1140A383-04W3FE	848 *	47.6	37	78	1.12	82.3	32.3	4.6
DP 2012 B3XF	831 *	43.3	34	82	1.09	82.1	30.0	4.4
PX1140A385-04W3FE	831 *	46.9	40	51	1.04	82.1	33.3	4.3
PHY 360 W3FE	820 *	44.3	36	85	1.11	82.1	30.6	4.4
PHY 400 W3FE	815 *	47.4	34	86	1.10	81.9	31.2	4.4
DG 3535 B3XF	806 *	45.7	36	79	1.09	80.8	29.6	4.4
PHY 332 W3FE	804 *	48.0	37	73	1.09	82.3	32.3	4.5
PHY 545 W3FE	798	48.6	36	68	1.03	80.2	29.1	4.4
PHY 500 W3FE	795	45.7	42	64	1.08	82.6	35.3	4.0
DGX 13652-D B3XF	794	42.3	44	58	1.10	83.2	35.3	4.3
DP 1646B2XF	789	45.6	42	58	1.16	81.7	29.1	4.5
Armor 9831 B3XF	789	45.3	39	70	1.10	81.7	30.5	4.9
PHY 350 W3FE	784	46.3	38	77	1.07	82.5	30.3	4.6

TABLE 5-6. Average Performance of Cotton Varieties at Johnston 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 443 W3FE	780	47.5	43	70	1.07	82.5	32.6	4.4
DGX 149689 B3XF	774	44.6	37	72	1.06	81.7	29.4	4.6
NG 3299 B3XF	774	46.7	36	76	1.07	83.4	35.4	5.1
Armor 9608 B3XF	767	47.6	42	60	1.06	79.9	26.1	4.3
20R744B3XF	763	49.4	35	77	1.10	82.7	28.8	4.3
BX 2298B3XF	762	45.3	42	62	1.03	82.5	29.4	4.8
DG 3456 B3XF	759	46.0	39	70	1.09	81.9	29.0	4.3
DP 2020 B3XF	758	42.2	37	81	1.13	81.5	33.2	4.2
BX 2297B3XF	755	45.8	39	69	1.06	81.7	28.3	4.4
20R734B3XF	750	46.2	37	73	1.09	81.4	28.2	4.8
ST 4550 GLTP	749	47.3	38	78	1.12	83.0	32.6	4.5
PHY 340 W3FE	747	47.6	37	90	1.09	83.1	29.5	4.5
ST 4993 B3XF	743	46.7	38	71	1.07	82.7	32.0	5.1
DP 2038 B3XF	733	48.4	45	78	1.03	80.2	30.4	4.9
ST 5091 B3XF	732	45.6	42	70	1.11	82.6	30.7	4.2
BX 2296B3XF	727	46.2	41	54	1.10	82.9	31.3	4.9
DP 1840B3XF	725	43.7	39	67	1.11	81.7	31.6	4.3
DGX 149687 B3XF	722	46.1	32	82	1.10	83.9	32.4	4.6
PX1130A329-04W3FE	718	49.1	38	77	1.06	81.6	30.2	4.9
DGX 139244 B3XF	717	46.2	37	56	1.10	81.6	30.9	3.9
NG 5150 B3XF	717	43.8	39	59	1.11	81.4	30.1	4.5
DG H959 B3XF	715	43.8	42	69	1.07	81.5	30.4	4.4
DGX 149688 B3XF	705	44.2	34	70	1.13	82.8	36.2	4.4
NG 3930B3XF	671	44.2	34	84	1.11	83.1	31.2	4.3
PX 4B08 W3FE	665	49.0	37	65	1.01	81.8	31.0	4.7
20R745NRB3XF	624	46.1	42	35	1.06	80.1	31.5	4.3
MEAN	790	45.9	38	72	1.09	82.2	31.0	4.5
C.V.(%)	20.6	.	.	.	.	.	.	.
LSD_10	107	.	.	.	.	.	.	.

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