

TABLE 5-4. Average Performance of Cotton Varieties at Bertie County - 2021

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
ST 4595 B3XF	1246 **	46.4	47	34	1.17	83.8	32.0	4.6
PHY 400 W3FE	1212 *	47.3	39	34	1.15	84.2	32.9	4.5
DP 2012 B3XF	1190 *	43.7	44	39	1.20	84.7	34.4	4.4
PHY 360 W3FE	1184 *	45.2	43	41	1.13	81.3	30.2	4.7
NG 5150 B3XF	1159 *	44.2	45	20	1.20	82.7	31.4	4.7
PHY 390 W3FE	1158 *	47.4	41	33	1.14	82.6	34.0	4.6
DGX 1427-B B3XF	1149 *	43.8	46	23	1.22	84.5	35.8	4.6
PHY 350 W3FE	1145 *	45.4	46	27	1.18	85.3	35.6	4.6
PX1130A329-04W3FE	1141 *	49.1	44	28	1.17	83.9	33.5	4.9
PHY 340 W3FE	1136	46.7	48	29	1.18	84.0	33.0	4.7
Armor 9371 B3XF	1132	47.0	48	32	1.14	85.0	33.1	5.0
PX1140A383-04W3FE	1121	47.6	44	24	1.19	84.2	34.6	4.4
PHY 332 W3FE	1119	45.8	46	30	1.22	85.1	33.6	4.5
PX 4B08 W3FE	1105	47.4	43	36	1.11	83.8	33.3	4.5
ST 4990 B3XF	1103	41.3	52	36	1.22	85.0	33.0	4.6
NG 3195 B3XF	1101	45.6	44	61	1.20	84.1	35.5	4.6
PHY 443 W3FE	1099	46.0	54	30	1.15	83.9	34.0	4.7
20R744B3XF	1091	48.6	50	25	1.23	84.3	32.0	4.7
BX 2298B3XF	996	47.6	51	26	1.10	82.7	31.9	5.1
DP 2020 B3XF	995	42.1	45	37	1.25	85.4	33.4	4.5
PX1140A385-04W3FE	989	49.2	48	23	1.16	85.2	34.8	4.8
Armor 9608 B3XF	977	47.8	47	41	1.16	83.7	31.5	4.7
NG 4190 B3XF	976	45.1	49	33	1.22	86.1	33.9	4.4
DP 2127 B3XF	971	46.7	51	29	1.14	85.3	33.6	5.1
DP 2239 B3XF	962	46.0	48	25	1.28	85.2	33.0	4.5
ST 5091 B3XF	956	45.8	49	40	1.21	83.5	32.5	4.6
DP 1646B2XF	949	45.8	46	41	1.24	83.7	31.1	4.7

TABLE 5-6. Average Performance of Cotton Varieties at Bertie 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 3930B3XF	945	45.5	45	49	1.18	84.8	32.3	4.6
DP 2141NR B3XF	933	45.9	46	34	1.15	83.4	34.3	5.1
DP 2115 B3XF	928	46.7	47	38	1.19	85.1	32.9	4.9
NG 3299 B3XF	914	46.6	44	35	1.18	86.2	37.5	5.1
PHY 545 W3FE	903	48.6	43	27	1.13	83.8	33.0	4.6
DGX 139244 B3XF	901	45.1	50	15	1.20	84.1	32.5	4.2
NG 4936 B3XF	897	40.9	48	26	1.24	84.6	34.0	4.3
ST 4550 GLTP	897	47.0	53	39	1.14	84.0	32.9	5.0
DGX 149689 B3XF	893	46.6	43	21	1.17	84.9	33.2	4.9
20R734B3XF	883	46.3	50	37	1.16	83.8	33.3	5.0
ST 5471GLTP	872	44.2	46	37	1.18	83.7	33.3	5.0
DGX 149688 B3XF	867	43.7	44	25	1.21	84.1	34.8	4.6
BX 2297B3XF	834	45.8	49	19	1.18	83.9	30.9	4.9
DG 3535 B3XF	817	43.5	49	29	1.21	84.1	33.3	4.7
DP 2055 B3XF	788	46.3	54	42	1.28	84.7	33.5	4.7
DG 3456 B3XF	785	45.5	49	31	1.18	85.2	31.8	4.2
DGX 149687 B3XF	784	45.8	46	29	1.16	83.5	36.3	5.0
PHY 500 W3FE	769	46.5	47	18	1.14	84.1	34.9	4.5
DP 2038 B3XF	767	48.9	46	28	1.16	83.3	33.5	5.1
DP 1840B3XF	759	43.5	46	27	1.24	84.8	34.2	4.7
DGX 13652-D B3XF	746	41.5	49	12	1.18	85.7	38.5	4.4
Armor 9831 B3XF	745	44.1	50	26	1.18	84.6	34.0	5.3
ST 4993 B3XF	737	47.3	48	21	1.15	85.0	33.8	5.2
BX 2296B3XF	707	47.9	54	11	1.17	84.6	35.0	5.2
20R745NRB3XF	592	45.7	53	7	1.17	82.5	34.3	4.6
DG H959 B3XF	590	43.2	53	14	1.19	83.8	34.8	4.8
MEAN	955	45.8	47	30	1.18	84.2	33.6	4.7
C.V.(%)	16.2	.	.	.	.	.	.	.
LSD_10	107	.	.	.	.	.	.	.

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