

**TABLE 5-4. Average Performance of Cotton Varieties at Bertie County 2020**

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index	T1 (g/tex)	MIKE
DP 2115 B3XF	1538 **	0.5	36	54	1.19	84.9	30.3	4.6
ST 4550 GLTP	1535 *	0.5	38	65	1.13	83.0	31.2	4.6
NG 3195 B3XF	1524 *	0.5	38	62	1.18	84.4	31.7	4.6
DG 3456 B3XF	1516 *	0.5	39	57	1.15	82.6	29.7	4.6
ST 5091 B3XF	1487 *	0.5	39	68	1.18	83.5	31.5	4.5
ST 4990 B3XF	1458	0.4	35	49	1.20	85.0	30.5	4.4
DP 2012 B3XF	1454	0.4	37	53	1.20	83.9	32.3	4.5
ST 5471GLTP	1454	0.4	37	44	1.14	82.0	30.6	4.7
PHY 443 W3FE	1451	0.5	38	53	1.12	82.8	32.9	4.6
NG 4936 B3XF	1449	0.4	36	47	1.20	83.9	30.3	4.6
DP 2020 B3XF	1446	0.4	35	53	1.20	84.8	30.9	4.5
Armor 9210 B3XF	1445	0.5	35	53	1.19	84.6	31.8	5.1
DP 2038 B3XF	1440	0.5	38	53	1.13	82.4	30.3	4.7
Armor 9371 B3XF	1439	0.5	38	50	1.16	85.2	30.8	4.5
DG 3570B3XF	1432	0.5	35	60	1.14	83.4	30.8	4.9
DP 1916B3XF	1431	0.5	38	47	1.19	85.0	33.8	4.4
DG 3535 B3XF	1428	0.4	36	56	1.20	85.2	31.3	4.6
19R125 B3XF	1425	0.5	32	58	1.17	84.9	34.4	4.9
PHY 332 W3FE	1412	0.5	38	53	1.22	83.0	31.8	4.5
PX 4B08 W3FE	1411	0.5	34	56	1.14	82.9	31.6	4.6
Armor 9831 B3XF	1408	0.5	38	42	1.13	82.0	29.5	4.9
PHY 350 W3FE	1404	0.4	37	53	1.21	84.2	31.6	4.6
BX 2151 GLTP	1403	0.5	36	63	1.18	82.7	29.5	4.8
DP 2055 B3XF	1399	0.5	40	44	1.21	83.5	31.0	4.8
PHY 400 W3FE	1379	0.5	33	62	1.17	83.3	33.1	4.6
Armor 9608 B3XF	1375	0.5	36	61	1.18	83.5	28.6	4.3
PHY 360 W3FE	1370	0.5	32	68	1.17	83.5	30.4	4.5
19R132 B3XF	1359	0.5	37	54	1.17	84.7	33.5	5.0
ST 4993 B3XF	1358	0.5	37	52	1.16	84.8	32.3	4.9
AMX 19A014 B3XF	1354	0.4	32	53	1.18	83.0	28.4	4.5
BX 2192 B3XF	1347	0.5	40	49	1.24	83.7	31.8	4.6
PHY 390 W3FE	1335	0.5	33	62	1.20	84.6	32.3	4.5
PHY 480 W3FE	1331	0.5	34	59	1.17	85.0	29.7	4.4
NG 5150 B3XF	1317	0.5	38	49	1.18	84.6	31.0	4.6
NG 5711B3XF	1307	0.5	40	48	1.21	83.9	30.1	4.5
19R237 B3XF	1306	0.4	43	46	1.27	85.7	33.0	4.7
AMX 19A015 B3XF	1303	0.4	35	52	1.22	83.2	30.8	4.3
PHY 340 W3FE	1287	0.5	36	59	1.14	82.7	31.1	4.3
PHY 545 W3FE	1280	0.5	40	46	1.12	83.4	31.4	4.8
PHY 500 W3FE	1277	0.5	40	47	1.16	83.3	32.9	4.1
AMX 19A016 B3XF	1268	0.4	35	63	1.15	82.2	28.8	4.3
BX 2194 B3XF	1264	0.5	37	47	1.22	84.1	29.9	3.8
DP 2141NR B3XF	1260	0.5	35	44	1.19	83.1	33.2	4.9
DP 1840B3XF	1260	0.4	38	47	1.21	82.9	30.5	4.6
NG 3930B3XF	1257	0.4	36	57	1.19	83.6	29.7	4.6
NG 4098 B3XF	1222	0.4	34	57	1.27	85.3	33.2	4.2
DGX 139241 B3XF	1162	0.5	38	47	1.21	83.3	33.6	5.0
NG 3522 B2XF	1140	0.4	35	48	1.13	82.8	27.9	4.5
AMX 19A018 B3XF	1130	0.4	39	54	1.14	83.6	32.0	4.7

DP 1646B2XF	1117	0.5	41	48	1.26	84.2	30.4	4.6
NG 5007 B2XF	1045	0.5	40	51	1.16	83.4	29.1	4.4
NG 3729B2XF	941	0.5	42	60	1.19	84.5	31.1	5.0
ST 5600B2XF	884	0.4	39	47	1.16	83.5	31.8	5.1
MEAN	1340	0.5	37	53	1.18	83.7	31.1	4.6
C.V.(%)	5.5	.	.	.	.	.	.	.
LSD_10	75	.	.	.	.	.	.	.

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