

TABLE 5-?. Average Performance of Cotton Varieties at Bertie County - 2024

Variety	Lint Yield (lb/acre)	Seed Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)
PX1140F331-04W3FE	1674 **	1824	47.6	42	64
DP 2537 B3TXF	1622 *	1811	47.3	46	68
DP 2127 B3XF	1620 *	1878	46.4	40	70
DP 2038 B3XF	1595 *	1684	48.9	43	64
NG 3195 B3XF	1566	1913	45.7	38	70
DP 2414 B3TXF	1556	1764	47.1	39	76
NG 4190 B3XF	1543	1901	45.1	43	69
23R8029B3XF	1531	1647	47.9	43	59
Armor 9371 B3XF	1526	1734	46.3	40	67
Armor 24X954 B3TXF	1516	1685	47.0	44	62
DG 4434 B3TXF	1514	1747	47.0	41	58
PHY415W3FE	1513	1767	46.0	42	60
PX1140F330-04W3FE	1511	1719	46.5	40	64
DP 2211 B3TXF	1477	1688	46.2	40	74
23R9918B3TXF	1475	1588	48.2	41	73
PHY443W3FE	1475	1714	45.8	42	64
PHY360W3FE	1460	1817	45.0	38	69
DP 2333 B3XF	1454	1656	47.0	43	62
PX1140F329-04W3FE	1453	1582	47.5	40	63
DG 3528 B3XF	1451	1805	45.0	40	67
PX1150F361-04W3FE	1443	1612	46.7	40	60
PX1150F360-04W3FE	1437	1757	45.2	40	68
DP 2328 B3TXF	1437	1634	46.5	42	68
DP 2115 B3XF	1434	1682	46.0	37	71
PHY545W3FE	1430	1623	47.0	43	57
Armor 24X951 B3TXF	1430	1608	47.2	44	64
NG 4414 B3XF	1424	1725	45.1	40	68
AMX12526 B3XF	1420	1575	47.6	40	66
AMX12507 B3TXF	1419	1862	43.5	39	62
AMX12572 B3TXF	1416	1503	48.7	39	66
DP 2522NR B3TXF	1409	1603	47.1	41	72
NG 3457 B3XF	1406	1806	43.7	38	67
DG 4529 B3TXF	1405	1640	46.1	43	57
DG 3519 B3XF	1402	1734	44.8	36	66
ST 6000AXTP	1395	1493	48.3	42	67
PX1150F357-04W3FE	1392	1614	46.0	45	58
ST 5855AXTP	1389	1462	48.4	43	57
PHY400W3FE	1377	1608	46.3	38	64
PHY411W3FE	1377	1614	46.4	40	69
PX1130F309-04W3FE	1372	1689	44.3	40	64
ST 4833AXTP	1372	1757	43.6	45	66
ST 4215AXTP	1363	1646	44.7	32	69
DG 4530 B3TXF	1351	1559	46.3	40	65
PHY332W3FE	1344	1718	44.0	41	62
AMX12502 B3TXF	1343	1647	44.7	43	56
Armor 24X955 B3TXF	1321	1659	44.8	41	67
ST 5931AXTP	1296	1597	45.0	41	65
BX 2556AXTP	1286	1648	43.4	41	62
PHY475W3FE	1193	1589	43.0	43	62

BX 2557AXTP	1133	1314	46.2	42	59
MEAN	1435	1678	46.1	41	65
C.V.(%)	5.9	.	.	.	.
LSD_10	98	.	.	.	.

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

TABLE 5-?. Average Performance of Cotton Varieties at Edgcombe County - 2024

Variety	Lint Yield (lb/acre)	Seed Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)
DP 2115 B3XF	1472 **	1688	45.9	43	65
DP 2127 B3XF	1398 *	1559	45.7	44	70
DP 2038 B3XF	1387 *	1511	48.7	47	63
NG 4190 B3XF	1352	1629	45.1	48	67
NG 3195 B3XF	1346	1755	44.7	44	73
Armor 9371 B3XF	1323	1569	45.5	46	65
DG 3519 B3XF	1319	1546	45.3	40	65
ST 4833AXTP	1316	1579	44.2	48	69
DG 4434 B3TXF	1286	1583	46.5	47	62
DP 2211 B3TXF	1280	1539	45.3	46	66
ST 5855AXTP	1256	1260	48.0	45	63
DP 2333 B3XF	1254	1471	46.3	47	64
23R8029B3XF	1237	1536	46.9	45	61
DP 2328 B3TXF	1232	1278	47.1	48	63
PHY411W3FE	1223	1499	45.5	43	65
23R9918B3TXF	1222	1318	48.1	44	71
AMX12507 B3TXF	1219	1549	44.3	44	60
NG 3457 B3XF	1217	1514	43.5	43	70
PX1150F361-04W3FE	1208	1427	45.0	44	64
PHY400W3FE	1206	1487	46.3	41	68
PX1140F331-04W3FE	1197	1228	46.6	43	64
DP 2414 B3TXF	1195	1189	46.8	46	68
PX1140F329-04W3FE	1189	1301	46.8	46	64
PHY360W3FE	1188	1516	44.4	43	74
PX1140F330-04W3FE	1183	1449	46.2	43	67
PHY415W3FE	1182	1271	46.0	45	63
DP 2522NR B3TXF	1175	1266	47.2	45	69
DG 4529 B3TXF	1170	1411	46.4	47	58
PHY443W3FE	1166	1488	44.6	44	69
DG 3528 B3XF	1166	1615	44.6	44	68
NG 4414 B3XF	1158	1528	44.4	47	68
DP 2537 B3TXF	1157	1378	47.2	49	67
PX1150F357-04W3FE	1147	1308	45.4	48	62
ST 5931AXTP	1127	1296	44.5	43	63
AMX12572 B3TXF	1116	1169	47.9	44	64
ST 6000AXTP	1108	1192	47.0	46	64
PHY332W3FE	1103	1458	44.1	42	69
PX1150F360-04W3FE	1096	1304	45.9	43	64
AMX12526 B3XF	1094	1223	46.4	46	65
DG 4530 B3TXF	1088	1241	45.2	44	67
AMX12502 B3TXF	1084	1300	44.7	51	62
PX1130F309-04W3FE	1078	1330	44.8	45	69
BX 2557AXTP	1046	1222	46.7	44	53
Armor 24X951 B3TXF	1044	1201	47.2	50	63
ST 4215AXTP	1042	1459	44.0	40	67
PHY545W3FE	1040	1271	46.1	46	63
Armor 24X954 B3TXF	1034	1236	46.5	47	68
BX 2556AXTP	994	1310	44.2	42	63
Armor 24X955 B3TXF	962	1194	45.0	44	66

PHY475W3FE	945	1366	42.7	45	70
MEAN	1180	1400	45.7	45	66
C.V.(%)	10.2	.	.	.	.
LSD_10	104	.	.	.	.

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

TABLE 5-?. Average Performance of Cotton Varieties at Montgomery County - 2024

Variety	Entry	Lint Yield (lb/acre)	Seed Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)
Armor 9371 B3XF	34	1227 **	1363	47.9	35	74
DP 2127 B3XF	26	1201 *	1390	47.5	34	69
23R8029B3XF	33	1172 *	1233	48.2	35	70
NG 4190 B3XF	45	1155 *	1400	45.9	31	76
ST 5855AXTP	4	995	1144	48.5	35	71
ST 4833AXTP	3	987	1311	45.1	37	74
PHY443W3FE	13	987	1160	45.4	34	68
ST 5931AXTP	2	983	1092	46.0	31	71
DP 2115 B3XF	23	978	1154	45.7	29	73
DG 4530 B3TXF	40	963	1142	47.6	30	75
DG 4434 B3TXF	41	951	982	48.7	32	66
NG 3195 B3XF	43	939	1119	46.7	30	73
PX1150F361-04W3FE	19	928	1057	47.0	32	73
DG 3519 B3XF	38	917	1192	45.3	31	76
PX1140F330-04W3FE	17	917	1007	46.3	31	72
DP 2414 B3TXF	25	911	1060	47.3	39	68
DP 2333 B3XF	27	903	1047	46.8	35	74
PX1140F331-04W3FE	16	903	956	47.3	30	74
Armor 24X954 B3TXF	37	901	1060	46.5	33	74
AMX12526 B3XF	50	898	986	47.9	32	75
PHY475W3FE	14	896	1201	43.3	34	72
ST 6000AXTP	1	894	972	48.8	33	75
DP 2038 B3XF	29	894	928	49.2	33	71
PHY332W3FE	8	888	984	45.9	33	72
DP 2328 B3TXF	28	874	1020	46.4	38	68
AMX12507 B3TXF	47	872	1098	44.0	32	72
PX1150F357-04W3FE	22	872	963	47.2	31	73
DP 2211 B3TXF	24	869	990	47.7	36	74
PHY415W3FE	12	867	956	46.1	32	72
DG 3528 B3XF	39	863	935	46.4	32	80
PX1130F309-04W3FE	21	857	1102	44.5	32	71
PHY400W3FE	10	851	979	47.3	25	75
NG 3457 B3XF	44	843	1049	46.2	29	79
DP 2522NR B3TXF	30	831	929	47.5	34	67
Armor 24X951 B3TXF	35	830	943	47.4	36	73
PHY545W3FE	15	826	867	47.9	33	67
BX 2556AXTP	5	820	1114	45.3	29	71
BX 2557AXTP	6	819	884	47.5	30	77
PX1150F360-04W3FE	18	804	893	47.0	31	71
AMX12572 B3TXF	48	803	871	48.5	27	74
PX1140F329-04W3FE	20	795	833	48.2	33	72
DP 2537 B3TXF	32	785	987	46.8	37	68
Armor 24X955 B3TXF	36	782	857	46.8	32	77
PHY360W3FE	9	782	915	46.6	29	73
NG 4414 B3XF	46	778	913	47.0	30	80
23R9918B3TXF	31	772	872	48.2	34	80
AMX12502 B3TXF	49	760	929	47.5	38	71
DG 4529 B3TXF	42	759	948	46.8	41	73
ST 4215AXTP	7	717	907	45.5	29	71

PHY411W3FE	11	665	781	45.4	34	71
MEAN	.	890	1029	46.8	33	73
C.V.(%)	.	12.3	.	.	.	.
LSD_10	.	105	.	.	.	.

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