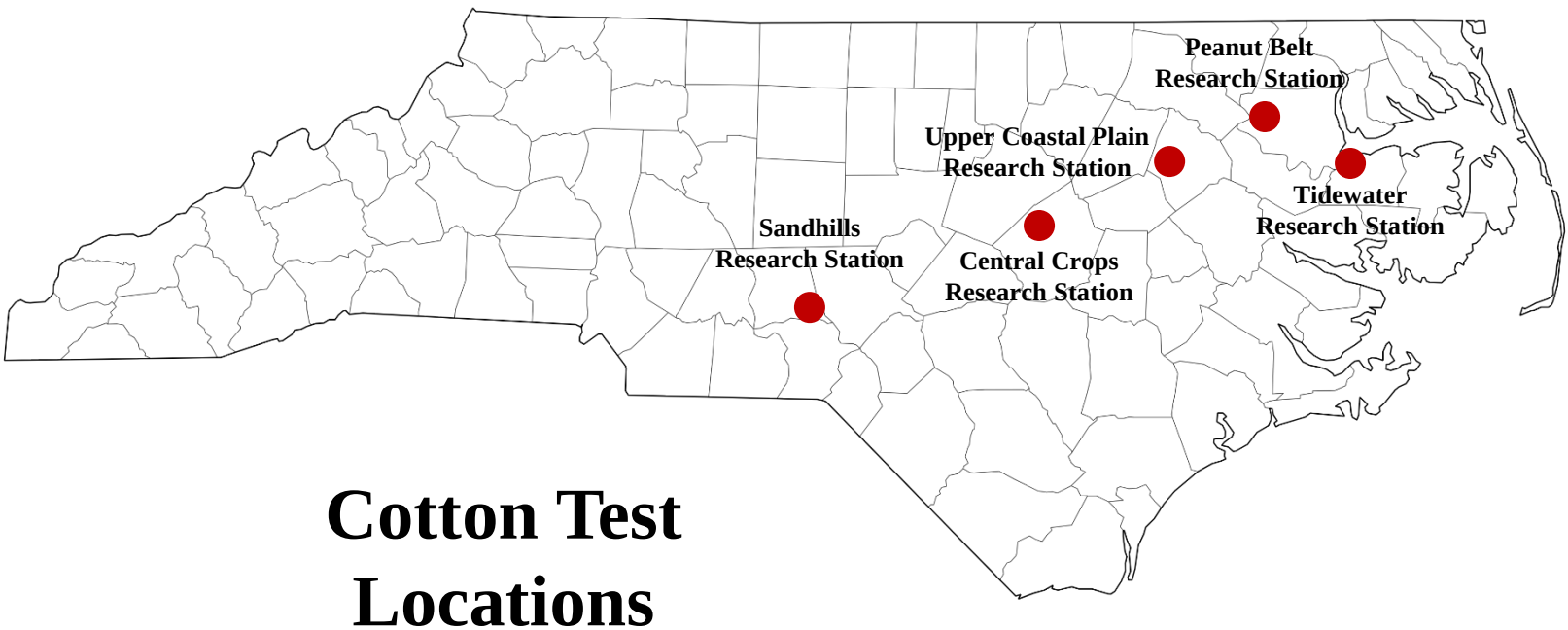
TABLE 1. Cotton OVT Location Information

Location	GPS	Planting Date	Row Spacing	Est. Plant Pop.	Soil Type Majority	Irrigation Total	Precipitation Total	Defoliation Date	Harvest Date
Bertie #1	36.13127° N, 77.17945° W	May 13, 2026	36”	37,223	Goldsboro sandy loam	0.0"	18.5”	September 29, 2026	October 16, 2026
Bertie #2	36.13432° N, 77.18075° W	May 19, 2026	36”	40,202	Lynchburg sandy loam	0.0"	18.5”	September 29, 2026	October 20, 2026
Edgecombe #1	35.89506° N, 77.67557° W	May 5, 2026	36”	39,688	Aycock very fine sandy loam	3.5"	20.9”	September 18, 2026	September 29, 2026
Edgecombe #2	35.89417° N, 77.67700° W	May 18, 2026	36”	42,711	Norfolk loamy sand	0.0"	20.6”	October 1, 2026	October 21, 2026
Johnston	35.66983° N, 78.51008° W	May 18, 2026	38”	41,310	Varina loamy sand	0.0"	21.5”	September 29, 2026	October 27, 2026
Montgomery	35.18238°N, 79.67296°W	May 6, 2026	38”	37,986	Candor sand	8.0"	20.4”	September 25, 2026	October 7, 2026
Washington	35.86997° N, 76.65969° W	May 19, 2026	38”	39,376	Cape Fear loam	0.0"	30.1”	October 7, 2026	November 4, 2026



Cotton Test Locations

TABLE 2. Average Performance of Cotton Varieties at Bertie County #1 - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
PX1140H143-04W3FE	1997 **	2225	47.3	6.3	29	53
PX1140H142-04W3FE	1970 *	2331	45.8	5.6	28	67
PHY362W3FE	1956 *	2203	47.0	6.3	30	51
PX1140H151-04W3FE	1931 *	2307	45.6	5.3	29	60
Armor 9371 B3XF	1927 *	2232	46.3	6.3	32	61
DP 2127 B3XF	1904 *	2244	45.9	6.3	36	63
PHY357W3FE	1898	2169	46.7	6.1	34	52
AMX12702 W3FE	1893	2101	47.4	5.9	30	55
PX1140J577-04W3FE	1892	2157	46.7	4.9	26	63
Armor 26X706 B3XF	1892	1985	48.8	6.1	33	64
NG 4611 B3XF	1871	2057	47.6	5.9	30	65
DP 2414 B3TXF	1867	2103	47.0	4.8	32	69
Armor 26X701 B3XF	1863	2062	47.5	6.2	34	65
25R2026B3TXF	1858	2065	47.4	5.7	31	57
AMX12701 W3FE	1854	2122	46.6	5.9	31	56
PHY491W3FE	1851	2085	47.0	5.7	33	40
ST 4650AXTP	1842	1972	48.3	5.1	36	70
BX 2740AXTP	1839	2003	47.9	6.1	33	56
25R2019B3TXF	1837	1925	48.8	4.9	34	56
PX1140J580-04W3FE	1836	2138	46.2	6.3	31	45
DGX 25102 B3TXF	1823	1867	49.4	5.7	39	60
25R2035B3TXF	1813	1869	49.2	6.3	34	48
25R2526B3TXF	1811	1959	48.0	5.2	30	69
DP 2333 B3XF	1790	2002	47.2	5.7	32	62
DG 4565 B3TXF	1786	2085	46.1	6.1	38	53
PHY433W3FE	1786	2134	45.6	5.6	31	57
DG 4434 B3TXF	1785	2021	46.9	6.1	33	38
DG 8310 W3FE	1784	2006	47.1	6.0	32	68
Armor 26X702 B3TX	1777	2053	46.4	5.3	37	57
DP 2632 B3TXF	1776	1952	47.6	5.0	34	64
DGX 26101 B3TXF	1767	1859	48.7	5.5	32	52
BX 2732AXTP	1767	1940	47.7	5.8	35	57
ST 4833AXTP	1757	2236	44.0	6.1	36	66
BX 2731AXTP	1752	2021	46.4	5.5	31	65
DG 3519 B3XF	1743	2054	45.9	6.1	32	52
PX1140J576-04W3FE	1743	1989	46.7	5.7	27	60
Armor 9831 B3XF	1742	2146	44.8	6.3	31	38
ST 4130AXTP	1738	2101	45.3	5.3	32	78
BX 2736AXTP	1731	1942	47.1	6.1	34	60
NG 4626 B3XF	1731	2013	46.2	5.3	33	65
AMX12721 B3XF	1729	2011	46.2	5.1	32	59
PX1140J568-04W3FE	1726	1944	47.0	5.7	28	46
DG 4547 B3TXF	1717	1908	47.4	6.4	32	61
ST 4215AXTP	1707	2015	45.9	5.2	27	69
25R2539B3TXF	1697	1802	48.5	5.7	32	43
DP 2537 B3TXF	1695	1942	46.6	5.7	38	55
BX 2761AXTP	1694	1970	46.2	4.5	30	64
BX 2763AXTP	1629	2032	44.5	5.7	31	59
MEAN	1808	2048	46.9	5.7	32	58
C.V.(%)	6.0	.	.	.	.	.
LSD_10	93.0	.	.	.	.	.
SEM	48.3	.	.	.	.	.
Error d.f.	188	.	.	.	.	.

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

TABLE 3. Average Performance of Cotton Varieties at Bertie County #2 - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
DGX 26101 B3TXF	1368 **	1480	48.0	5.2	33	70
DP 2127 B3XF	1366 *	1561	46.7	5.4	38	63
Armor 26X702 B3TX	1309 *	1602	45.0	4.9	36	73
25R2526B3TXF	1304 *	1426	47.8	4.4	35	82
BX 2736AXTP	1303 *	1444	47.4	5.2	33	68
AMX12701 W3FE	1281	1439	47.1	6.0	31	65
DP 2537 B3TXF	1276	1498	46.0	4.9	42	71
Armor 9371 B3XF	1274	1488	46.1	5.8	35	62
PX1140H151-04W3FE	1269	1476	46.2	5.4	33	79
PX1140H143-04W3FE	1265	1450	46.6	6.0	33	71
PX1140H142-04W3FE	1256	1424	46.9	5.1	34	72
DP 2632 B3TXF	1246	1478	45.7	5.0	42	67
Armor 26X701 B3XF	1244	1355	47.9	5.1	33	78
DG 4565 B3TXF	1238	1438	46.3	5.1	38	64
DP 2414 B3TXF	1228	1405	46.6	4.8	37	85
DG 8310 W3FE	1219	1369	47.1	5.5	35	67
DG 4547 B3TXF	1216	1393	46.6	5.5	33	67
DG 4434 B3TXF	1210	1390	46.5	6.1	32	62
ST 4650AXTP	1205	1335	47.4	4.9	37	58
ST 4833AXTP	1198	1476	44.8	6.1	36	81
25R2539B3TXF	1186	1215	49.4	5.1	33	71
BX 2740AXTP	1175	1311	47.3	5.5	33	65
ST 4215AXTP	1174	1393	45.7	5.0	29	79
PHY362W3FE	1172	1350	46.5	5.9	32	66
Armor 26X706 B3XF	1168	1257	48.2	5.5	35	62
PX1140J580-04W3FE	1149	1303	46.9	5.6	30	74
PHY491W3FE	1147	1229	48.3	6.1	36	67
Armor 9831 B3XF	1145	1401	45.0	6.0	32	63
25R2035B3TXF	1139	1209	48.5	5.3	37	66
BX 2732AXTP	1115	1285	46.5	5.1	31	64
25R2026B3TXF	1093	1252	46.6	5.3	36	70
DP 2333 B3XF	1088	1230	46.9	6.3	36	78
PHY357W3FE	1071	1203	47.1	5.6	36	71
AMX12702 W3FE	1061	1171	47.5	5.5	29	77
BX 2731AXTP	1059	1270	45.5	4.9	31	71
ST 4130AXTP	1057	1364	43.7	5.1	34	93
PX1140J577-04W3FE	1044	1162	47.3	4.9	29	74
NG 4611 B3XF	1036	1136	47.7	5.7	35	67
25R2019B3TXF	1030	1148	47.3	4.5	37	77
DG 3519 B3XF	1026	1288	44.3	5.7	33	76
DGX 25102 B3TXF	1026	1055	49.3	5.5	35	76
NG 4626 B3XF	1009	1225	45.2	4.7	37	72
BX 2761AXTP	1005	1212	45.3	4.9	36	83
PHY433W3FE	998	1134	46.8	5.4	31	66
BX 2763AXTP	985	1224	44.6	5.4	33	80
PX1140J576-04W3FE	973	1044	48.2	5.1	29	75
AMX12721 B3XF	953	1143	45.5	4.9	33	76
PX1140J568-04W3FE	878	925	48.7	5.5	29	77
MEAN	1151	1313	46.7	5.3	34	72
C.V.(%)	7.5	.	.	.	.	.
LSD_10	82	.	.	.	.	.
SEM	38.4	.	.	.	.	.
Error d.f.	190	.	.	.	.	.

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

TABLE 4. Average Performance of Cotton Varieties at Edgecombe County #1 - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
DGX 25102 B3TXF	2110 **	2253	48.4	5.8	50	64
DG 4547 B3TXF	1972	2197	47.3	5.9	45	72
DG 8310 W3FE	1957	2285	46.1	6.5	43	80
25R2526B3TXF	1956	2153	47.6	5.5	45	89
DP 2127 B3XF	1953	2253	46.4	6.1	50	54
PHY357W3FE	1944	2207	46.8	6.3	44	76
DP 2414 B3TXF	1938	2321	45.5	5.6	48	71
25R2019B3TXF	1930	2179	47.0	5.8	46	89
DP 2632 B3TXF	1914	2244	46.0	5.8	47	70
BX 2761AXTP	1914	2235	46.1	5.3	43	72
PX1140H143-04W3FE	1910	2165	46.9	5.9	42	71
DP 2537 B3TXF	1909	2256	45.8	6.3	51	85
ST 4650AXTP	1908	2182	46.7	5.6	49	64
AMX12702 W3FE	1892	2151	46.8	5.7	43	81
25R2539B3TXF	1873	1924	49.3	6.7	43	72
DG 4565 B3TXF	1854	2239	45.3	5.9	52	52
AMX12701 W3FE	1852	2288	44.7	6.0	46	52
BX 2731AXTP	1852	2174	46.0	5.9	44	56
Armor 26X702 B3TX	1851	2155	46.2	6.0	51	53
NG 4626 B3XF	1846	2179	45.9	6.0	42	85
DGX 26101 B3TXF	1836	2040	47.4	6.3	46	87
25R2026B3TXF	1834	2052	47.2	6.3	53	56
PX1140J580-04W3FE	1827	2221	45.1	6.0	46	54
Armor 9371 B3XF	1823	2166	45.7	6.9	47	68
PX1140J577-04W3FE	1817	2079	46.6	6.1	39	69
PHY433W3FE	1808	2171	45.4	5.9	39	89
PX1140J576-04W3FE	1799	2211	44.9	6.0	39	78
PX1140H142-04W3FE	1795	2260	44.3	5.6	40	79
PHY491W3FE	1788	2065	46.4	5.8	49	47
ST 4833AXTP	1784	2271	44.0	6.1	52	69
DG 4434 B3TXF	1778	2115	45.7	5.7	45	78
DP 2333 B3XF	1777	2067	46.2	5.7	49	59
BX 2736AXTP	1760	1993	46.9	5.7	41	73
PX1140H151-04W3FE	1755	2159	44.8	6.1	40	80
PHY362W3FE	1754	2112	45.4	6.7	42	70
PX1140J568-04W3FE	1751	1985	46.9	5.9	39	68
BX 2732AXTP	1741	2019	46.3	5.6	45	56
ST 4215AXTP	1740	2056	45.8	5.8	39	70
BX 2740AXTP	1738	1906	47.7	6.1	47	74
AMX12721 B3XF	1693	1982	46.1	5.5	47	53
DG 3519 B3XF	1692	2082	44.8	5.9	42	59
25R2035B3TXF	1686	1822	48.1	6.7	51	61
ST 4130AXTP	1642	2101	43.9	6.0	40	95
BX 2763AXTP	1623	2043	44.3	6.5	41	87
Armor 26X706 B3XF	1602	1761	47.6	5.9	43	76
Armor 9831 B3XF	1582	1880	45.7	6.4	43	69
NG 4611 B3XF	1528	1707	47.2	5.9	45	54
Armor 26X701 B3XF	1466	1653	47.0	6.2	45	66
MEAN	1807	2103	46.2	6.0	45	70
C.V.(%)	7.5	.	.	.	.	.
LSD_10	127	.	.	.	.	.
SEM	60.3	.	.	.	.	.
Error d.f.	179	.	.	.	.	.

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

TABLE 5. Average Performance of Cotton Varieties at Edgecombe County #2 - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
PX1140H143-04W3FE	1749 **	1951	47.3	6.0	37	98
DP 2127 B3XF	1743 *	1981	46.8	5.5	43	87
25R2526B3TXF	1731 *	1811	48.9	4.8	41	76
PX1140H142-04W3FE	1725 *	1990	46.4	5.9	39	77
DP 2537 B3TXF	1719 *	1967	46.6	5.3	50	70
PX1140H151-04W3FE	1718 *	2022	45.9	5.4	39	96
DG 8310 W3FE	1704 *	1919	47.0	5.6	39	79
DP 2414 B3TXF	1693 *	1995	45.9	4.5	40	87
25R2019B3TXF	1692 *	1840	47.9	5.1	44	70
PX1140J580-04W3FE	1677 *	1819	48.0	5.9	41	72
DG 4547 B3TXF	1676 *	1944	46.3	6.5	37	69
NG 4611 B3XF	1664 *	1788	48.2	5.9	39	75
PHY362W3FE	1654	1934	46.1	5.8	37	91
AMX12701 W3FE	1653	1798	47.9	5.5	36	81
DGX 26101 B3TXF	1640	1696	49.2	6.0	44	71
ST 4650AXTP	1621	1765	47.9	4.9	40	99
PHY357W3FE	1611	1776	47.6	5.2	38	82
Armor 26X702 B3TX	1604	1901	45.8	4.7	48	79
Armor 9371 B3XF	1603	1830	46.7	5.9	44	79
DP 2038 B3XF	1603	1784	47.3	5.7	44	79
PX1140J577-04W3FE	1602	1764	47.6	5.2	39	87
BX 2740AXTP	1597	1732	48.0	6.1	45	82
25R2035B3TXF	1595	1671	48.8	6.1	45	61
DP 2632 B3TXF	1592	1746	47.7	5.1	46	69
PHY491W3FE	1591	1696	48.4	6.1	42	69
BX 2736AXTP	1591	1737	47.8	5.7	40	82
BX 2761AXTP	1590	1815	46.7	4.9	41	93
ST 4833AXTP	1586	1890	45.6	5.0	45	98
AMX12702 W3FE	1585	1747	47.6	5.5	39	79
DG 4565 B3TXF	1579	1812	46.6	5.1	69	70
BX 2732AXTP	1576	1758	47.3	5.3	42	80
Armor 26X706 B3XF	1568	1608	49.4	6.4	45	73
Armor 26X701 B3XF	1550	1690	47.8	5.6	43	77
BX 2731AXTP	1546	1791	46.3	5.8	39	88
BX 2763AXTP	1545	1883	45.1	5.4	43	91
ST 4215AXTP	1545	1802	46.2	5.0	34	96
25R2539B3TXF	1544	1573	49.5	5.9	43	71
DP 2333 B3XF	1543	1703	47.5	5.5	47	72
25R2026B3TXF	1528	1718	47.1	5.9	46	62
NG 4626 B3XF	1527	1802	45.9	5.7	40	84
ST 4130AXTP	1517	1877	44.7	5.5	40	97
ST 6000AXTP	1510	1640	47.9	5.8	42	76
DG 4434 B3TXF	1509	1729	46.6	6.1	46	66
PHY433W3FE	1503	1748	46.2	6.2	38	70
DGX 25102 B3TXF	1496	1553	49.1	5.5	44	71
DG 3519 B3XF	1477	1810	44.9	5.1	43	78
PX1140J576-04W3FE	1475	1577	48.3	5.9	37	81
AMX12721 B3XF	1466	1673	46.7	5.5	38	81
NG 5430 B3XF	1464	1823	44.5	5.7	43	80
PX1140J568-04W3FE	1438	1539	48.3	5.8	40	66
Armor 9831 B3XF	1395	1664	45.6	6.3	41	78
PHY 500 W3FE	1384	1584	46.6	6.2	42	75
PHY 480 W3FE	1354	1613	45.6	5.7	42	73
MEAN	1582	1778	47.1	5.6	42	79
C.V.(%)	11.4	.	.		.	.
LSD_10	90	.	.		.	.
SEM	80.8	.	.		.	.
Error d.f.	208	.	.		.	.

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

TABLE 6. Average Performance of Cotton Varieties at Johnston County - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
DP 2127 B3XF	1881 **	2096	47.3	5.3	47	44
PX1140H142-04W3FE	1843 *	2187	45.7	5.0	44	59
BX 2740AXTP	1813 *	2089	46.5	5.6	49	44
DG 8310 W3FE	1799 *	2187	45.1	5.3	44	48
PX1140H151-04W3FE	1791 *	2177	45.1	5.3	41	59
AMX12701 W3FE	1774 *	2058	46.3	5.2	42	51
Armor 26X701 B3XF	1727	2011	46.2	5.2	49	45
PX1140H143-04W3FE	1724	2046	45.7	5.7	45	56
PHY362W3FE	1712	2132	44.5	5.8	43	54
Armor 9371 B3XF	1695	2030	45.5	5.5	49	47
PHY357W3FE	1688	1987	45.9	5.2	48	50
25R2526B3TXF	1688	1838	47.9	4.7	48	55
PX1140J580-04W3FE	1684	2028	45.4	5.3	44	54
Armor 26X706 B3XF	1680	1915	46.7	5.5	51	44
NG 4611 B3XF	1678	1928	46.5	5.3	48	40
PHY491W3FE	1672	2008	45.4	5.6	43	55
BX 2732AXTP	1663	1944	46.1	5.2	44	50
DP 2333 B3XF	1659	1893	46.7	5.1	48	61
PHY433W3FE	1652	2041	44.7	5.0	41	55
ST 4833AXTP	1651	2070	44.4	5.5	53	57
ST 4650AXTP	1645	1806	47.7	5.3	47	66
AMX12702 W3FE	1638	1989	45.2	5.4	46	47
PX1140J577-04W3FE	1636	2038	44.5	5.1	41	57
25R2019B3TXF	1627	1877	46.4	5.1	47	52
ST 4215AXTP	1625	1926	45.8	5.8	39	62
DP 2414 B3TXF	1623	1825	47.1	4.5	45	56
25R2035B3TXF	1622	1741	48.2	6.3	48	22
DG 4547 B3TXF	1615	1831	46.9	5.5	46	49
DP 2632 B3TXF	1612	1941	45.4	5.1	49	52
Armor 9831 B3XF	1584	1968	44.6	6.5	44	40
AMX12721 B3XF	1579	1935	44.9	5.3	44	56
BX 2736AXTP	1575	1807	46.6	5.7	46	57
25R2026B3TXF	1571	1812	46.4	4.9	47	49
DG 3519 B3XF	1565	1949	44.5	5.0	41	57
DG 4434 B3TXF	1557	1906	45.0	5.3	45	50
BX 2731AXTP	1555	1883	45.2	4.8	45	47
ST 4130AXTP	1554	1923	44.7	5.5	47	57
PX1140J568-04W3FE	1552	1867	45.4	5.1	40	52
BX 2763AXTP	1552	1897	45.0	5.7	47	53
PX1140J576-04W3FE	1547	1843	45.6	5.3	39	52
DP 2537 B3TXF	1531	1778	46.3	4.9	49	48
DGX 26101 B3TXF	1512	1638	48.0	5.5	50	50
BX 2761AXTP	1507	1693	47.1	4.6	42	65
DG 4565 B3TXF	1490	1866	44.4	4.7	51	48
DGX 25102 B3TXF	1480	1696	46.6	5.1	51	43
NG 4626 B3XF	1472	1797	45.0	4.9	47	54
Armor 26X702 B3TX	1451	1802	44.6	5.2	51	40
25R2539B3TXF	1437	1528	48.5	5.1	43	47
MEAN	1629	1920	45.9	5.3	46	51
C.V.(%)	9.4	.	.	.	.	.
LSD_10	144	.	.	.	.	.
SEM	68.8	.	.	.	.	.
Error d.f.	184	.	.	.	.	.

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

TABLE 7. Average Performance of Cotton Varieties at Montgomery County - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
PX1140H143-04W3FE	1321 **	1532	46.3	7.2	34	55
ST 4215AXTP	1218 *	1388	46.7	5.5	31	63
NG 4611 B3XF	1196 *	1327	47.4	6.4	33	56
BX 2740AXTP	1186 *	1346	46.8	6.8	38	60
Armor 9371 B3XF	1170 *	1373	46.0	6.8	34	55
AMX12701 W3FE	1150 *	1318	46.6	7.0	33	51
DGX 26101 B3TXF	1143 *	1272	47.3	6.5	38	62
DG 4547 B3TXF	1127	1319	46.1	6.5	31	62
PHY357W3FE	1118	1286	46.5	6.3	32	55
PX1140H142-04W3FE	1113	1342	45.3	6.5	34	61
PX1140H151-04W3FE	1113	1319	45.8	6.2	31	60
DP 2414 B3TXF	1108	1327	45.5	5.4	35	69
NG 4626 B3XF	1105	1341	45.2	6.0	34	62
AMX12702 W3FE	1091	1195	47.7	5.9	33	55
DGX 25102 B3TXF	1075	1196	47.3	5.9	37	64
BX 2731AXTP	1061	1231	46.3	6.3	33	50
25R2539B3TXF	1055	1141	48.0	6.4	33	56
PX1140J580-04W3FE	1050	1238	45.9	6.9	32	57
DP 2632 B3TXF	1039	1270	45.0	5.9	35	60
ST 4833AXTP	1037	1267	45.0	6.9	39	61
ST 4650AXTP	1034	1120	48.0	5.8	36	63
Armor 9831 B3XF	1031	1307	44.1	6.7	34	54
Armor 26X702 B3TX	1029	1306	44.1	6.5	39	54
PX1140J568-04W3FE	1025	1102	48.2	5.6	31	63
BX 2732AXTP	1024	1132	47.5	6.2	35	46
PHY362W3FE	1017	1184	46.2	6.7	33	53
PHY433W3FE	1004	1171	46.2	6.2	31	51
ST 4130AXTP	1001	1243	44.6	6.7	35	66
DP 2333 B3XF	999	1251	44.4	6.4	34	63
DP 2537 B3TXF	989	1271	43.8	5.9	38	56
BX 2761AXTP	980	1166	45.7	5.8	35	67
BX 2736AXTP	980	1157	45.9	5.9	33	44
PX1140J576-04W3FE	965	1093	46.9	6.7	29	58
PX1140J577-04W3FE	955	1087	46.8	6.1	29	58
DG 8310 W3FE	951	1072	47.0	6.9	32	59
AMX12721 B3XF	949	1179	44.6	5.9	37	61
DP 2127 B3XF	946	1162	44.9	6.9	33	52
25R2526B3TXF	938	1084	46.4	6.3	36	63
Armor 26X701 B3XF	938	1118	45.6	6.4	35	57
25R2026B3TXF	924	1101	45.6	6.1	36	56
Armor 26X706 B3XF	908	978	48.1	6.7	34	57
DG 3519 B3XF	904	1155	43.9	5.9	35	59
DG 4434 B3TXF	884	996	47.0	5.9	35	47
DG 4565 B3TXF	884	1075	45.1	6.1	38	54
PHY491W3FE	872	1018	46.1	6.3	33	53
25R2035B3TXF	863	936	48.0	6.0	39	52
25R2019B3TXF	863	1021	45.8	5.9	38	60
BX 2763AXTP	849	1072	44.2	6.9	36	63
MEAN	1025	1200	46.1	6.3	34	58
C.V.(%)	18.0	.	.		.	.
LSD_10	190	.	.		.	.
SEM	82.4	.	.		.	.
Error d.f.	175	.	.		.	.

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

TABLE 8. Average Performance of Cotton Varieties at Washington County - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
Armor 26X702 B3TX	2471 **	2940	45.7	4.9	50	41
PX1140H143-04W3FE	2315 *	2751	45.7	6.7	45	40
DG 4434 B3TXF	2265	2670	45.9	6.0	52	41
DGX 25102 B3TXF	2254	2471	47.7	5.2	51	41
25R2019B3TXF	2245	2516	47.2	4.9	52	33
Armor 9371 B3XF	2201	2626	45.6	5.2	48	42
PX1140H151-04W3FE	2189	2749	44.3	5.4	45	40
BX 2740AXTP	2182	2490	46.7	5.7	39	47
AMX12701 W3FE	2165	2545	46.0	6.0	40	35
25R2526B3TXF	2165	2352	47.9	5.0	54	44
25R2539B3TXF	2164	2357	47.9	5.6	53	32
Armor 26X701 B3XF	2159	2593	45.4	5.9	45	42
PX1140H142-04W3FE	2153	2582	45.5	5.8	47	39
DP 2537 B3TXF	2149	2523	46.0	4.9	54	41
DGX 26101 B3TXF	2146	2430	46.9	5.8	56	47
ST 4650AXTP	2144	2382	47.4	4.8	47	48
AMX12702 W3FE	2140	2479	46.3	5.0	46	53
NG 4611 B3XF	2135	2463	46.4	5.5	45	51
DP 2632 B3TXF	2134	2615	44.9	5.5	50	49
25R2035B3TXF	2133	2348	47.6	6.4	57	45
DP 2127 B3XF	2109	2503	45.7	5.2	47	40
DG 4565 B3TXF	2100	2543	45.2	5.5	56	39
BX 2736AXTP	2100	2490	45.8	5.6	40	40
PHY362W3FE	2092	2526	45.3	6.2	54	39
PX1140J568-04W3FE	2085	2521	45.3	5.1	46	40
25R2026B3TXF	2071	2438	45.9	5.5	54	38
DG 8310 W3FE	2069	2554	44.8	5.5	47	50
DP 2414 B3TXF	2056	2476	45.4	4.7	50	56
PHY357W3FE	2054	2531	44.8	5.4	50	44
Armor 9831 B3XF	2047	2560	44.4	6.4	46	43
DP 2333 B3XF	2036	2397	45.9	5.3	42	43
Armor 26X706 B3XF	2024	2344	46.3	5.8	46	38
BX 2761AXTP	2013	2360	46.0	4.3	36	57
DG 4547 B3TXF	2012	2290	46.8	6.4	50	41
ST 4833AXTP	2011	2594	43.7	5.5	51	37
DG 3519 B3XF	1997	2538	44.0	5.2	44	48
PHY491W3FE	1995	2390	45.5	5.7	49	36
BX 2763AXTP	1980	2493	44.3	5.4	41	44
AMX12721 B3XF	1975	2353	45.6	5.9	43	36
ST 4130AXTP	1974	2442	44.7	5.1	43	65
PHY433W3FE	1970	2528	43.8	5.3	48	44
PX1140J576-04W3FE	1961	2413	44.8	5.3	45	46
PX1140J580-04W3FE	1936	2354	45.1	6.1	45	30
BX 2732AXTP	1933	2288	45.8	4.9	41	41
PX1140J577-04W3FE	1908	2270	45.7	5.5	41	50
BX 2731AXTP	1883	2333	44.7	5.1	45	42
NG 4626 B3XF	1844	2233	45.2	5.3	47	51
ST 4215AXTP	1827	2242	44.9	5.2	41	42
MEAN	2083	2477	45.7	5.5	47	43
C.V.(%)	8.6	.	.	.	.	.
LSD_10	179	.	.	.	.	.
SEM	80.0	.	.	.	.	.
Error d.f.	187	.	.	.	.	.

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

TABLE 9. Average Performance of Cotton Varieties Statewide - 2026

Variety	Lint Yield	Seed Yield	Lint	First Fruiting Branch	Plant Height	Bolls Opened
	lb/acre	lb/acre	%	Node #	in	%
PX1140H143-04W3FE	1827 **	2095	46.6	6.1	39	65
DP 2127 B3XF	1826 *	2103	46.5	5.6	43	59
PX1140H142-04W3FE	1790 *	2122	45.8	5.5	39	65
25R2526B3TXF	1776 *	1923	48.0	4.9	42	69
PX1140H151-04W3FE	1776 *	2141	45.3	5.5	38	69
AMX12701 W3FE	1763 *	2033	46.4	5.8	38	56
DG 8310 W3FE	1755 *	2043	46.2	5.7	40	65
Armor 9371 B3XF	1754 *	2060	46.0	5.9	42	60
Armor 26X702 B3TX	1744 *	2081	45.6	5.2	45	57
DP 2414 B3TXF	1734	2015	46.3	4.8	42	71
ST 4650AXTP	1727	1905	47.5	5.1	43	67
25R2019B3TXF	1727	1914	47.4	5.0	44	63
BX 2740AXTP	1724	1919	47.3	5.9	41	61
PHY362W3FE	1723	2039	45.8	6.1	39	62
DP 2537 B3TXF	1713	1993	46.2	5.4	47	62
DP 2632 B3TXF	1712	1991	46.2	5.2	44	62
DGX 26101 B3TXF	1711	1851	48.0	5.7	43	63
PHY357W3FE	1711	1970	46.5	5.6	42	63
DG 4547 B3TXF	1702	1930	46.9	6.0	40	60
AMX12702 W3FE	1701	1934	46.8	5.5	39	65
DGX 25102 B3TXF	1698	1810	48.4	5.5	45	59
PX1140J580-04W3FE	1685	1969	46.1	5.9	39	55
DG 4434 B3TXF	1684	1969	46.1	5.9	42	56
BX 2736AXTP	1677	1896	46.9	5.6	39	63
DG 4565 B3TXF	1675	1994	45.7	5.4	51	54
PHY491W3FE	1674	1900	46.8	5.8	42	52
Armor 26X701 B3XF	1668	1883	47.0	5.7	41	62
25R2035B3TXF	1665	1774	48.4	6.2	45	50
ST 4833AXTP	1665	2084	44.4	5.7	46	68
25R2026B3TXF	1659	1888	46.8	5.6	45	55
Armor 26X706 B3XF	1655	1805	47.8	5.9	42	60
NG 4611 B3XF	1652	1841	47.3	5.7	40	59
25R2539B3TXF	1650	1728	48.9	5.7	41	56
PX1140J577-04W3FE	1650	1905	46.4	5.3	36	67
DP 2333 B3XF	1649	1878	46.8	5.6	42	63
BX 2732AXTP	1632	1870	46.6	5.3	40	58
BX 2761AXTP	1620	1882	46.3	4.8	38	72
PHY433W3FE	1619	1945	45.4	5.6	38	63
BX 2731AXTP	1608	1911	45.7	5.3	39	62
ST 4215AXTP	1603	1904	45.7	5.3	35	70
DG 3519 B3XF	1583	1954	44.8	5.5	39	62
PX1140J576-04W3FE	1583	1826	46.4	5.5	36	65
Armor 9831 B3XF	1582	1932	45.0	6.3	40	55
ST 4130AXTP	1581	1973	44.5	5.4	39	81
PX1140J568-04W3FE	1572	1778	46.9	5.5	37	58
NG 4626 B3XF	1571	1877	45.6	5.3	41	68
AMX12721 B3XF	1566	1850	45.8	5.4	40	60
BX 2763AXTP	1552	1927	44.6	5.7	39	69
MEAN	1679	1937	46.4	5.6	41	62
C.V.(%)	5.3	.	.		.	.
BLSD(K=50)	91	.	.		.	.
S.E.	36.5	.	.		.	.

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

Based on data from 6 locations (Montgomery excluded due to high experimental variation)

TABLE 10. Two-Year Statewide Average Performance of Cotton Varieties - 2025-2026

Variety	Lint Yield	Lint	Plant Height	Bolls Opened
	lb/acre	%	in	%
DP 2127 B3XF	1715 **	46.3	42	52
PX1140H143-04W3FE	1712 *	45.7	38	59
ST 4650AXTP	1686 *	47.7	42	61
DP 2537 B3TXF	1683 *	46.3	46	57
PHY362W3FE	1683 *	45.2	39	58
Armor 9371 B3XF	1656 *	45.8	42	55
DP 2632 B3TXF	1651	46.4	44	57
NG 4611 B3XF	1644	47.2	41	54
PHY357W3FE	1640	46.1	41	56
ST 4833AXTP	1604	44.5	46	58
PHY491W3FE	1596	46.5	41	50
DG 4565 B3TXF	1589	45.8	48	50
DG 4434 B3TXF	1587	45.9	42	51
NG 4626 B3XF	1582	45.8	40	62
PHY433W3FE	1572	45.0	39	57
DG 4547 B3TXF	1570	46.8	41	56
DP 2333 B3XF	1569	46.8	43	56
ST 4130AXTP	1559	44.3	42	69
ST 4215AXTP	1548	45.0	36	62
DG 3519 B3XF	1541	44.5	39	55
Armor 9831 B3XF	1520	44.9	40	47
MEAN	1585	45.8	42	56
C.V.(%)	5.7	.	.	.
ADJRSQ(%)	0.90	.	.	.
RootMS	92	.	.	.
S.E	26	.	.	.
Error d.f	240	.	.	.
BLSD(K=50)	60	.	.	.

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

Based on data from 13 environments

TABLE 11. Three-Year Statewide Average Performance of Cotton Varieties – 2024-2026

Variety	Lint Yield	Lint	Plant Height	Bolls Opened
	lb/acre	%	in	%
DP 2127 B3XF	1657 **	46.3	42	56
Armor 9371 B3XF	1600	45.9	42	58
DP 2537 B3TXF	1590	46.4	46	59
PHY357W3FE	1569	46.3	40	58
ST 4833AXTP	1533	44.4	45	60
DG 4434 B3TXF	1524	46.2	42	54
DP 2333 B3XF	1500	46.8	43	58
NG 4626 B3XF	1499	46.1	40	63
PHY433W3FE	1486	45.2	38	59
DG 3519 B3XF	1480	44.6	39	58
ST 4215AXTP	1453	44.9	36	63
MEAN	1523	45.8	41	59
C.V.(%)	6.1	.	.	.
ADJRSQ(%)	0.92	.	.	.
RootMS	93	.	.	.
S.E	24	.	.	.
Error d.f	150	.	.	.
BLSD(K=50)	54	.	.	.

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

Based on data from 16 environments