

2025 On-Farm Cotton Variety Trial Results – FINAL

Camp Hand, Wade Parker, and Chris McCranie

Variety	County (Lint yield per acre)																								All Loc. Avg.	LSD (P=0.1)	Above Trial Avg.	
	Mitchell DRY	Turner DRY	Burke DRY	Appling DRY	Cook IRR	Effingham IRR	Worth DRY	Lowndes DRY	Dooly IRR	Dodge IRR	Mitchell IRR	Colquitt IRR	Colquitt DRY	Oconee DRY	Burke IRR	Grady DRY	Pulaski IRR	Bulloch IRR	Seminole IRR	Sumter IRR	Tattnall DRY	Coffee IRR	Houston IRR	Bleckley IRR				Miller IRR
NG 4611 B3XF	867	899	1032	963	991	1230	1236	1365	1277	1408	1403	1320	1417	1499	1454	1335	1567	1715	1672	1717	1627	1714	1707	1829	1806	1402	a	88
DP 2333 B3XF	935	796	963	978	1025	1189	1189	1211	1396	1305	1395	1372	1439	1461	1469	1457	1257	1598	1513	1562	1367	1553	1708	1820	1873	1353	b	68
DP 2038 B3XF	797	781	904	1066	912	1260	1242	1151	1429	1407	1369	1436	1451	1544	1501	1294	1381	1417	1448	1539	1591	1600	1711	1669	1758	1346	bc	64
NG 5430 B3XF	810	802	1034	912	988	1199	1296	1158	1457	1420	1157	1372	1438	1424	1256	1325	1416	1465	1535	1566	1705	1613	1598	1732	1888	1343	bc	60
AR 9831 B3XF	779	921	910	926	886	1314	1202	1280	1214	1386	1344	1222	1304	1259	1527	1364	1400	1552	1397	1529	1554	1639	1613	1509	1821	1314	cd	48
AR 9371 B3XF	833	903	788	862	911	1148	1169	1208	1193	1309	1282	1358	1430	1398	1500	1520	1479	1382	1487	1527	1588	1593	1568	1735	1632	1312	cd	40
ST 5855 AXTF	866	841	854	967	1038	1164	1202	1326	1222	1344	1334	1353	1315	1299	1356	1497	1492	1508	1462	1457	1519	1507	1572	1714	1527	1309	cde	40
DP 2317 B3TF	884	813	804	995	888	1228	1254	1173	1286	1256	1492	1474	1321	1337	1219	1324	1353	1401	1555	1464	1436	1487	1610	1768	1730	1302	de	40
DG 4434 B3TF	726	771	792	854	835	1272	1197	1162	1197	1290	1478	1418	1244	1252	1442	1434	1518	1438	1427	1377	1392	1630	1534	1697	1711	1283	de	28
ST 6000 AXTF	743	802	793	919	1023	1087	1176	1302	1157	1302	1341	1280	1387	1299	1176	1417	1571	1360	1399	1466	1573	1485	1510	1622	1627	1273	e	24
	824	833	887	944	950	1209	1216	1233	1283	1343	1360	1361	1375	1377	1390	1397	1443	1484	1489	1520	1535	1582	1613	1710	1737			

DRY – Dryland

IRR – Irrigated

Bolded varieties – Top yielding group

Shaded green and green font – Above location average

Red line (between Dooly and Dodge) represents the overall trial average (1,324 lbs/acre)

NG 4611 B3XF was tested as AMX 12677 B3XF

Contact your local UGA County Extension Agent for more information on variety selection and performance.

Locations that yielded BELOW the trial average (1,324 lbs/acre)

Variety	County (Lint yield per acre)									All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Mitchell DRY	Turner DRY	Burke DRY	Appling DRY	Cook IRR	Effingham IRR	Worth DRY	Lowndes DRY	Dooly IRR			
NG 4611 B3XF	867	899	1032	963	991	1230	1236	1365	1277	1095	a	89
DP 2333 B3XF	935	796	963	978	1025	1189	1189	1211	1396	1076	ab	56
NG 5430 B3XF	810	802	1034	912	988	1199	1296	1158	1457	1073	ab	44
DP 2038 B3XF	797	781	904	1066	912	1260	1242	1151	1429	1060	ab	56
ST 5855 AXTP	866	841	854	967	1038	1164	1202	1326	1222	1053	abc	56
AR 9831 B3XF	779	921	910	926	886	1314	1202	1280	1214	1048	abc	44
DP 2317 B3TXF	884	813	804	995	888	1228	1254	1173	1286	1036	bc	56
AR 9371 B3XF	833	903	788	862	911	1148	1169	1208	1193	1001	cd	22
ST 6000 AXTP	743	802	793	919	1023	1087	1176	1302	1157	1000	cd	22
DG 4434 B3TXF	726	771	792	854	835	1272	1197	1162	1197	978	d	11
	824	833	887	944	950	1209	1216	1233	1283			

Locations that yielded ABOVE the trial average (1,324 lbs/acre)

Variety	County (Lint yield per acre)																All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Dodge IRR	Mitchell IRR	Colquitt IRR	Colquitt DRY	Oconee DRY	Burke IRR	Grady DRY	Pulaski IRR	Bulloch IRR	Seminole IRR	Sumter IRR	Tattnall DRY	Coffee IRR	Houston IRR	Bleckley IRR	Miller IRR			
NG 4611 B3XF	1408	1403	1320	1417	1499	1454	1335	1567	1715	1672	1717	1627	1714	1707	1829	1806	1574	a	88
DP 2333 B3XF	1305	1395	1372	1439	1461	1469	1457	1257	1598	1513	1562	1367	1553	1708	1820	1873	1509	b	75
DP 2038 B3XF	1407	1369	1436	1451	1544	1501	1294	1381	1417	1448	1539	1591	1600	1711	1669	1758	1507	b	69
NG 5430 B3XF	1420	1157	1372	1438	1424	1256	1325	1416	1465	1535	1566	1705	1613	1598	1732	1888	1494	bc	69
AR 9371 B3XF	1309	1282	1358	1430	1398	1500	1520	1479	1382	1487	1527	1588	1593	1568	1735	1632	1487	bc	50
AR 9831 B3XF	1386	1344	1222	1304	1259	1527	1364	1400	1552	1397	1529	1554	1639	1613	1509	1821	1464	bcd	50
DG 4434 B3TXF	1290	1478	1418	1244	1252	1442	1434	1518	1438	1427	1377	1392	1630	1534	1697	1711	1455	cd	38
ST 5855 AXTP	1344	1334	1353	1315	1299	1356	1497	1492	1508	1462	1457	1519	1507	1572	1714	1527	1454	cd	31
DP 2317 B3TXF	1256	1492	1474	1321	1337	1219	1324	1353	1401	1555	1464	1436	1487	1610	1768	1730	1452	cd	31
ST 6000 AXTP	1302	1341	1280	1387	1299	1176	1417	1571	1360	1399	1466	1573	1485	1510	1622	1627	1426	d	25
	1343	1360	1361	1375	1377	1390	1397	1443	1484	1489	1520	1535	1582	1613	1710	1737			