

2024 On-Farm Cotton Variety Trial Results – FINAL

Camp Hand, Wade Parker, and Trey Davis

Variety	County (Lint yield per acre)																				All Loc. Avg.	LSD (P=0.1)	Above Trial Avg.
	Colquitt DRY	Jeff Davis IRR	Mitchell DRY	Mitchell IRR	Oconee DRY	Dooly IRR	Sumter IRR	Grady DRY	Burke IRR	Cook IRR	Burke DRY	Colquitt IRR	Tattnall DRY	Jenkins IRR	Worth IRR	Turner IRR	Brooks IRR	Houston IRR	Pulaski IRR				
DP 2038 B3XF	917	871	1106	1067	1229	1182	1316	1266	1280	1170	1279	1579	1282	1416	1545	1439	1697	1563	1597	1305	a	79	
DP 2333 B3XF	835	728	984	1073	1113	1368	1222	1310	1201	1384	1284	1583	1129	1281	1542	1685	1789	1561	1585	1298	a	68	
ST 6000 AXTP	774	869	949	1050	1213	1158	1172	1146	1136	1440	1239	1420	1541	1353	1477	1528	1719	1462	1778	1286	a	58	
DP 2127 B3XF	942	810	1070	995	1235	1222	1239	1224	1168	1121	1270	1571	1322	1281	1411	1441	1690	1431	1766	1274	ab	53	
DG 3799 B3XF	677	898	827	984	1052	1219	1335	1336	1465	1363	1232	927	1511	1417	1384	1565	1364	1662	1628	1255	abc	53	
AR 9831 B3XF	791	665	854	1007	1084	1086	1080	1264	1161	1139	1244	1562	1336	1378	1469	1632	1746	1625	1672	1252	abc	58	
NG 5430 B3XF	735	877	951	989	1268	1316	1226	1363	1225	1406	1378	869	1447	1259	1400	1618	1120	1643	1620	1248	abc	58	
AR 9371 B3XF	816	778	860	1052	1178	1125	1096	1206	1122	1095	1136	1409	1338	1241	1400	1505	1574	1460	1673	1214	bc	37	
DG 3615 B3XF	683	886	764	907	1166	781	1338	1158	1421	1125	1410	1014	833	1590	1388	1421	1363	1649	1813	1195	cd	42	
DG H959 B3XF	619	730	754	830	1090	1193	1154	1093	1259	1277	1109	944	1360	1321	1250	1361	1212	1510	1579	1139	d	21	
	779	811	912	995	1163	1165	1218	1237	1244	1252	1258	1288	1310	1354	1426	1520	1527	1557	1671				

DRY – Dryland

IRR – Irrigated

Bolded varieties – Top yielding group

Shaded green and green font – Above location average

Red line (between Burke and Cook) represents the overall trial average (1,247 lbs/acre)

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

Locations that yielded BELOW the trial average (1,247 lbs/acre)

Variety	County (Lint yield per acre)										All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Colquitt DRY	Jeff Davis IRR	Mitchell DRY	Mitchell IRR	Oconee DRY	Dooly IRR	Sumter IRR	Grady DRY	Burke IRR				
DP 2038 B3XF	917	871	1106	1067	1229	1182	1316	1266	1280	1137	a	100	
NG 5430 B3XF	735	877	951	989	1268	1316	1226	1363	1225	1105	ab	78	
DP 2127 B3XF	942	810	1070	995	1235	1222	1239	1224	1168	1101	ab	56	
DP 2333 B3XF	835	728	984	1073	1113	1368	1222	1310	1201	1093	abc	67	
DG 3799 B3XF	677	898	827	984	1052	1219	1335	1336	1465	1088	abc	56	
ST 6000 AXTP	774	869	949	1050	1213	1158	1172	1146	1136	1052	bcd	44	
AR 9371 B3XF	816	778	860	1052	1178	1125	1096	1206	1122	1026	cde	33	
DG 3615 B3XF	683	886	764	907	1166	781	1338	1158	1421	1011	de	44	
AR 9831 B3XF	791	665	854	1007	1084	1086	1080	1264	1161	999	de	33	
DG H959 B3XF	619	730	754	830	1090	1193	1154	1093	1259	969	e	22	
	779	811	912	995	1163	1165	1218	1237	1244				

Locations that yielded ABOVE the trial average (1,248 lbs/acre)

Variety	County (Lint yield per acre)										All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Cook IRR	Burke DRY	Colquitt IRR	Tattnall DRY	Jenkins IRR	Worth IRR	Turner IRR	Brooks IRR	Houston IRR	Pulaski IRR			
ST 6000 AXTP	1440	1239	1420	1541	1353	1477	1528	1719	1462	1778	1496	a	70
DP 2333 B3XF	1384	1284	1583	1129	1281	1542	1685	1789	1561	1585	1482	ab	70
AR 9831 B3XF	1139	1244	1562	1336	1378	1469	1632	1746	1625	1672	1480	ab	80
DP 2038 B3XF	1170	1279	1579	1282	1416	1545	1439	1697	1563	1597	1457	abc	60
DP 2127 B3XF	1121	1270	1571	1322	1281	1411	1441	1690	1431	1766	1430	abc	50
DG 3799 B3XF	1363	1232	927	1511	1417	1384	1565	1364	1662	1628	1405	abcd	50
AR 9371 B3XF	1095	1136	1409	1338	1241	1400	1505	1574	1460	1673	1383	abcd	40
NG 5430 B3XF	1406	1378	869	1447	1259	1400	1618	1120	1643	1620	1376	bcd	50
DG 3615 B3XF	1125	1410	1014	833	1590	1388	1421	1363	1649	1813	1361	cd	40
DG H959 B3XF	1277	1109	944	1360	1321	1250	1361	1212	1510	1579	1292	d	20
	1252	1258	1288	1310	1354	1426	1520	1527	1557	1671			