

Preliminary 2020 On-Farm Cotton Variety Trial Results

Camp Hand and Phillip Roberts

Variety	County (Estimated Lint per Acre)																			All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Colquitt DRY	Toombs DRY	Macon DRY	Berrien DRY	Early IRR	Screven IRR	Ben Hill DRY	Coffee IRR	Tift DRY	Appling IRR	Brooks DRY	Turner DRY	Burke DRY	Sumter IRR	Pulaski IRR	Cook IRR	Burke IRR	Colquitt IRR	Jeff Davis IRR			
DG 3799 B3XF	725	806	960	996	1300	958	1243	1491	1422	1302	1495	1321	1403	1526	1339	1457	1587	1667	1675	1299	a	68
DP 2038 B3XF	893	897	1048	1022	1100	1199	1217	1218	1312	1354	1061	1478	1407	1429	1482	1583	1572	1474	1604	1282	ab	84
ST 4990 B3XF	794	929	996	1268	1112	1051	1248	1320	1325	1236	1239	1282	1314	1362	1498	1410	1494	1518	1594	1263	abc	68
DP 2055 B3XF	836	895	1063	1051	1088	1118	1289	1095	1333	1427	1330	1373	1266	1432	1311	1428	1402	1517	1619	1257	abc	68
DG 3615 B3XF	693	698	1003	1197	1145	843	1114	1453	1269	1248	1345	1199	1468	1516	1452	1318	1660	1636	1597	1255	abc	58
DP 1646 B2XF	803	947	1023	1045	1080	1223	1120	947	1269	1380	1237	1323	1234	1355	1406	1352	1477	1637	1534	1231	bcd	53
NG 4936 B3XF	790	943	960	1006	1062	1067	1222	1311	1170	1220	1340	1225	1244	1296	1457	1422	1494	1508	1494	1223	cd	47
NG 5711 B3XF	810	894	883	1022	1011	1127	1244	1176	1276	1359	1364	1495	1281	1270	1268	1434	1287	1383	1518	1216	cd	47
ST 5471 GLTP	555	727	1077	888	1168	1048	1143	1186	1216	1182	1344	1212	1233	1358	1325	1453	1513	1501	1528	1192	de	32
PHY 545 W3FE	727	819	794	910	1036	1274	898	1254	1381	1297	1384	1397	1295	1374	1272	1361	1192	1398	1452	1185	de	42
PHY 400 W3FE	497	722	883	1072	1066	1349	1158	1126	1133	1148	1132	1120	1200	1289	1392	1418	1368	1388	1329	1147	e	16
CP 9608 B3XF	688	668	912	1285	961	1085	1275	1001	1124	1138	1181	1058	1168	1262	1346	1426	1254	1332	1492	1140	e	16
Trial Average	734	829	967	1064	1094	1112	1181	1215	1269	1274	1288	1290	1293	1372	1379	1422	1442	1496	1536	1224		

DRY – Dryland

IRR – Irrigated

Bolded varieties – Top yielding group

Shaded green and green font – Above location average

Red line (between Coffee and Tift) represents the overall trial average (1,224 lbs/acre)

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

Locations that yielded BELOW the trial average (1,224 lbs/acre)

Variety	County (Estimated Lint per Acre)								All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Colquitt DRY	Toombs DRY	Macon DRY	Berrien DRY	Early IRR	Screven IRR	Ben Hill DRY	Coffee IRR			
ST 4990 B3XF	794	929	996	1268	1112	1051	1248	1320	1090	a	88
DP 2038 B3XF	893	897	1048	1022	1100	1199	1217	1218	1074	ab	88
DG 3799 B3XF	725	806	960	996	1300	958	1243	1491	1060	ab	38
DP 2055 B3XF	836	895	1063	1051	1088	1118	1289	1095	1054	ab	63
NG 4936 B3XF	790	943	960	1006	1062	1067	1222	1311	1045	ab	50
DP 1646 B2XF	803	947	1023	1045	1080	1223	1120	947	1024	ab	50
NG 5711 B3XF	810	894	883	1022	1011	1127	1244	1176	1021	ab	50
DG 3615 B3XF	693	698	1003	1197	1145	843	1114	1453	1018	ab	50
CP 9608 B3XF	688	668	912	1285	961	1085	1275	1001	984	b	25
PHY 400 W3FE	497	722	883	1072	1066	1349	1158	1126	984	b	25
ST 5471 GLTP	555	727	1077	888	1168	1048	1143	1186	974	b	25
PHY 545 W3FE	727	819	794	910	1036	1274	898	1254	964	b	25
Trial Average	734	829	967	1064	1094	1112	1181	1215			

Locations that yielded ABOVE the trial average (1,224 lbs/acre)

Variety	County (Estimated Lint per Acre)											All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Tift DRY	Appling IRR	Brooks DRY	Turner DRY	Burke DRY	Sumter IRR	Pulaski IRR	Cook IRR	Burke IRR	Colquitt IRR	Jeff Davis IRR			
DG 3799 B3XF	1422	1302	1495	1321	1403	1526	1339	1457	1587	1667	1675	1472	a	91
DP 2038 B3XF	1312	1354	1061	1478	1407	1429	1482	1583	1572	1474	1604	1432	ab	82
DG 3615 B3XF	1269	1248	1345	1199	1468	1516	1452	1318	1660	1636	1597	1428	ab	64
DP 2055 B3XF	1333	1427	1330	1373	1266	1432	1311	1428	1402	1517	1619	1404	bc	73
ST 4990 B3XF	1325	1236	1239	1282	1314	1362	1498	1410	1494	1518	1594	1388	bc	55
DP 1646 B2XF	1269	1380	1237	1323	1234	1355	1406	1352	1477	1637	1534	1382	bc	55
NG 5711 B3XF	1276	1359	1364	1495	1281	1270	1268	1434	1287	1383	1518	1358	c	45
NG 4936 B3XF	1170	1220	1340	1225	1244	1296	1457	1422	1494	1508	1494	1352	c	45
ST 5471 GLTP	1216	1182	1344	1212	1233	1358	1325	1453	1513	1501	1528	1351	c	36
PHY 545 W3FE	1381	1297	1384	1397	1295	1374	1272	1361	1192	1398	1452	1346	c	55
PHY 400 W3FE	1133	1148	1132	1120	1200	1289	1392	1418	1368	1388	1329	1265	d	9
CP 9608 B3XF	1124	1138	1181	1058	1168	1262	1346	1426	1254	1332	1492	1253	d	9
Trial Average	1269	1274	1288	1290	1293	1372	1379	1422	1442	1496	1536			