

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	Grady DRY	Screven IRR	Atkinson DRY	Ben Hill DRY	Bulloch IRR	Coffee IRR	Tift DRY	Appling IRR	Brooks DRY	Turner DRY	Burke DRY	Worth IRR	Sumter IRR	Pulaski IRR	Oconee DRY	Cook IRR	Burke IRR	Colquitt IRR	Jeff Davis IRR			
DG 3799 B3XF	725	806	960	996	1300	1328	958	1185	1243	1349	1491	1422	1302	1495	1321	1403	1455	1526	1339	1661	1457	1587	1667	1675	1319	a	75
DP 2038 B3XF	893	897	1048	1022	1100	1041	1199	1299	1217	1228	1218	1312	1354	1061	1478	1407	1385	1429	1482	1384	1583	1572	1474	1604	1279	ab	79
DG 3615 B3XF	693	698	1003	1197	1145	1155	843	1207	1114	1376	1453	1269	1248	1345	1199	1468	1455	1516	1452	1539	1318	1660	1636	1597	1274	abc	67
ST 4990 B3XF	794	929	996	1268	1112	1033	1051	1221	1248	1169	1320	1325	1236	1239	1282	1314	1358	1362	1498	1487	1410	1494	1518	1594	1259	bcd	63
DP 2055 B3XF	836	895	1063	1051	1088	1060	1118	1231	1289	1279	1095	1333	1427	1330	1373	1266	1285	1432	1311	1349	1428	1402	1517	1619	1255	bcd	63
DP 1646 B2XF	803	947	1023	1045	1080	1098	1223	1200	1120	1167	947	1269	1380	1237	1323	1234	1379	1355	1406	1234	1352	1477	1637	1534	1228	cde	50
NG 4936 B3XF	790	943	960	1006	1062	1009	1067	1108	1222	1102	1311	1170	1220	1340	1225	1244	1214	1296	1457	1465	1422	1494	1508	1494	1214	de	42
NG 5711 B3XF	810	894	883	1022	1011	1095	1127	1153	1244	1221	1176	1276	1359	1364	1495	1281	1120	1270	1268	1191	1434	1287	1383	1518	1203	e	46
ST 5471 GLTP	555	727	1077	888	1168	1009	1048	1037	1143	1157	1186	1216	1182	1344	1212	1233	1355	1358	1325	1515	1453	1513	1501	1528	1196	e	33
PHY 545 W3FE	727	819	794	910	1036	1225	1274	1032	898	1225	1254	1381	1297	1384	1397	1295	1200	1374	1272	1251	1361	1192	1398	1452	1186	ef	42
CP 9608 B3XF	688	668	912	1285	961	1151	1085	920	1275	1151	1001	1124	1138	1181	1058	1168	1307	1262	1346	1305	1426	1254	1332	1492	1145	fg	21
PHY 400 W3FE	497	722	883	1072	1066	1037	1349	955	1158	1037	1126	1133	1148	1132	1120	1200	1110	1289	1392	1391	1418	1368	1388	1329	1138	g	13
Trial Average	734	829	967	1064	1094	1103	1112	1129	1181	1205	1215	1269	1274	1288	1290	1293	1302	1372	1379	1398	1422	1442	1496	1536	1225		

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 (1,225 lbs/acre)

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

Locations that yielded BELOW the trial average (1,225 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	Grady DRY	Screven IRR	Atkinson DRY	Ben Hill DRY	Bulloch IRR	Coffee IRR			
DG 3799 B3XF	725	806	960	996	1300	1328	958	1185	1243	1349	1491	1122	a	55
DP 2038 B3XF	893	897	1048	1022	1100	1041	1199	1299	1217	1228	1218	1106	a	82
ST 4990 B3XF	794	929	996	1268	1112	1033	1051	1221	1248	1169	1320	1104	a	73
DP 2055 B3XF	836	895	1063	1051	1088	1060	1118	1231	1289	1279	1095	1091	ab	64
DG 3615 B3XF	693	698	1003	1197	1145	1155	843	1207	1114	1376	1453	1080	abc	64
DP 1646 B2XF	803	947	1023	1045	1080	1098	1223	1200	1120	1167	947	1059	abcd	45
NG 5711 B3XF	810	894	883	1022	1011	1095	1127	1153	1244	1221	1176	1058	abcd	55
NG 4936 B3XF	790	943	960	1006	1062	1009	1067	1108	1222	1102	1311	1053	abcd	37
PHY 545 W3FE	727	819	794	910	1036	1225	1274	1032	898	1225	1254	1018	bcd	37
CP 9608 B3XF	688	668	912	1285	961	1151	1085	920	1275	1151	1001	1009	bcd	27
ST 5471 GLTP	555	727	1077	888	1168	1009	1048	1037	1143	1157	1186	1000	cd	18
PHY 400 W3FE	497	722	883	1072	1066	1037	1349	955	1158	1037	1126	991	d	18
Trial Average	734	829	967	1064	1094	1103	1112	1129	1181	1205	1215			

Locations that yielded ABOVE the trial average (1,216 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	Worth IRR	Sumter IRR	Pulaski IRR	Oconee DRY	Cook IRR	Burke IRR	Colquitt IRR	Jeff Davis IRR			
DG 3799 B3XF	1422	1302	1495	1321	1403	1455	1526	1339	1661	1457	1587	1667	1675	1485	ab	92
DG 3615 B3XF	1269	1248	1345	1199	1468	1455	1516	1452	1539	1318	1660	1636	1597	1439	ab	69
DP 2038 B3XF	1312	1354	1061	1478	1407	1385	1429	1482	1384	1583	1572	1474	1604	1425	bc	78
DP 2055 B3XF	1333	1427	1330	1373	1266	1285	1432	1311	1487	1428	1402	1517	1619	1401	bcd	69
ST 4990 B3XF	1325	1236	1239	1282	1314	1358	1362	1498	1349	1410	1494	1518	1594	1383	bcde	54
DP 1646 B2XF	1269	1380	1237	1323	1234	1379	1355	1406	1234	1352	1477	1637	1534	1371	cde	54
NG 4936 B3XF	1170	1220	1340	1225	1244	1214	1296	1457	1465	1422	1494	1508	1494	1350	de	46
ST 5471 GLTP	1216	1182	1344	1212	1233	1355	1358	1325	1515	1453	1513	1501	1528	1348	de	46
PHY 545 W3FE	1381	1297	1384	1397	1295	1200	1374	1272	1251	1361	1192	1398	1452	1344	de	46
NG 5711 B3XF	1276	1359	1364	1495	1281	1120	1270	1268	1191	1434	1287	1383	1518	1327	e	38
CP 9608 B3XF	1124	1138	1181	1058	1168	1307	1262	1346	1305	1426	1254	1332	1492	1261	f	16
PHY 400 W3FE	1133	1148	1132	1120	1200	1110	1289	1392	1391	1418	1368	1388	1329	1261	f	8
Trial Average	1269	1274	1288	1290	1293	1302	1372	1379	1398	1422	1442	1496	1536			