

2022 On-Farm Cotton Variety Trial Results – FINAL

Camp Hand, Wade Parker, and Chandler Rowe

Variety	County (Lint yield per acre)																						All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Macon DRY	Wilcox DRY	Tift DRY	Oconee DRY	Telfair IRR	Toombs IRR	Lowndes DRY	Sumter IRR	Cook IRR	Miller IRR	Mitchell IRR	Jeff Davis IRR	Tattnall DRY	Worth IRR	Seminole IRR	Burke DRY	Bulloch IRR	Dooley IRR	Pulaski IRR	Burke IRR	Colquitt IRR	Jenkins IRR			
DG 3799 B3XF	625	826	1174	767	1147	1040	1151	1275	1196	1363	1201	1355	1313	1351	1620	1508	1694	1633	1460	1671	1581	1949	1314	a	86
DP 2038 B3XF	652	886	814	1114	1072	1037	1082	1109	1090	1259	1312	1299	1311	1416	1554	1406	1435	1486	1478	1473	1572	1897	1262	b	73
ST 5091 B3XF	631	661	890	1021	1220	1189	1192	1192	1171	1333	1318	1232	1272	1201	1400	1409	1465	1580	1610	1458	1426	1848	1260	bc	68
AR 9831 B3XF	606	683	1090	1050	1007	1127	1182	1203	1118	1163	1197	1377	1338	1269	1467	1470	1435	1303	1463	1526	1768	1839	1258	bc	64
DP 2127 B3XF	605	903	635	1327	1023	1221	1154	1132	1003	1297	1323	1227	1370	1340	1356	1389	1461	1597	1553	1499	1427	1778	1255	bc	59
DP 1646 B2XF	508	833	847	1000	1220	1057	1140	1142	1375	1295	1443	1155	1123	1581	1476	1423	1462	1377	1527	1449	1456	1673	1253	bc	55
NG 3195 B3XF	620	860	1107	1219	1061	1170	1163	1125	1228	1213	1223	1225	1282	1260	1309	1373	1308	1367	1457	1527	1428	1618	1234	bcd	41
ST 4595 B3XF	656	838	617	1039	1056	1190	1028	1061	1130	1279	1313	1137	1297	1284	1289	1417	1375	1419	1541	1494	1461	1803	1215	cde	45
AR 9371 B3XF	655	790	1001	1066	909	1122	1047	1155	1140	1187	1123	1198	1202	1228	1261	1370	1457	1411	1425	1487	1536	1706	1204	de	41
NG 4190 B3XF	646	747	956	1031	1105	998	1006	1135	1063	1055	1116	1163	1278	1189	1206	1358	1373	1384	1395	1364	1518	1650	1170	ef	27
PHY 400 W3FE	593	853	825	1021	1004	1023	1049	1063	1030	1182	1266	1220	1156	1178	1303	1340	1285	1298	1386	1338	1265	1641	1151	f	9
PHY 545 W3FE	601	686	968	825	1065	1141	1137	1024	1118	1035	1049	1332	1219	1134	1179	1296	1191	1324	1215	1324	1457	1596	1133	f	18
	617	797	910	1040	1074	1110	1111	1135	1139	1222	1240	1243	1263	1286	1368	1397	1412	1432	1459	1468	1491	1750			

DRY – Dryland

IRR – Irrigated

Bolded varieties – Top yielding group

Shaded green and green font – Above location average

Red line (between Miller and Mitchell) represents the overall trial average (1,226 lbs/acre)

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

Locations that yielded BELOW the trial average (1,226 lbs/acre)

Variety	County (Lint yield per acre)											All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Macon DRY	Wilcox DRY	Tift DRY	Oconee DRY	Telfair IRR	Toombs IRR	Lowndes DRY	Sumter IRR	Cook IRR	Miller IRR				
NG 3195 B3XF	620	860	1107	1219	1061	1170	1163	1125	1228	1213	1077	a	70	
DG 3799 B3XF	625	826	1174	767	1147	1040	1151	1275	1196	1363	1056	ab	80	
ST 5091 B3XF	631	661	890	1021	1220	1189	1192	1192	1171	1333	1050	ab	70	
DP 1646 B2XF	508	833	847	1000	1220	1057	1140	1142	1375	1295	1042	abc	60	
DP 2127 B3XF	605	903	635	1327	1023	1221	1154	1132	1003	1297	1030	abcd	50	
AR 9831 B3XF	606	683	1090	1050	1007	1127	1182	1203	1118	1163	1023	abcd	50	
DP 2038 B3XF	652	886	814	1114	1072	1037	1082	1109	1090	1259	1012	abcd	40	
AR 9371 B3XF	655	790	1001	1066	909	1122	1047	1155	1140	1187	1007	abcd	60	
ST 4595 B3XF	656	838	617	1039	1056	1190	1028	1061	1130	1279	989	bcd	40	
NG 4190 B3XF	646	747	956	1031	1105	998	1006	1135	1063	1055	974	cd	40	
PHY 400 W3FE	593	853	825	1021	1004	1023	1049	1063	1030	1182	964	d	10	
PHY 545 W3FE	601	686	968	825	1065	1141	1137	1024	1118	1035	960	d	30	
	617	797	910	1040	1074	1110	1111	1135	1139	1222				

Locations that yielded ABOVE the trial average (1,226 lbs/acre)

Variety	County (Lint yield per acre)												All Loc. Avg.	LSD (P=0.1)	% Above Trial Avg.
	Mitchell IRR	Jeff Davis IRR	Tattnall DRY	Worth IRR	Seminole IRR	Burke DRY	Bulloch IRR	Dooly IRR	Pulaski IRR	Burke IRR	Colquitt IRR	Jenkins IRR			
DG 3799 B3XF	1201	1355	1313	1351	1620	1508	1694	1633	1460	1671	1581	1949	1528	a	92
DP 2038 B3XF	1312	1299	1311	1416	1554	1406	1435	1486	1478	1473	1572	1897	1470	b	100
AR 9831 B3XF	1197	1377	1338	1269	1467	1470	1435	1303	1463	1526	1768	1839	1454	bc	75
DP 2127 B3XF	1323	1227	1370	1340	1356	1389	1461	1597	1553	1499	1427	1778	1443	bc	67
ST 5091 B3XF	1318	1232	1272	1201	1400	1409	1465	1580	1610	1458	1426	1848	1435	bc	67
DP 1646 B2XF	1443	1155	1123	1581	1476	1423	1462	1377	1527	1449	1456	1673	1429	bc	50
ST 4595 B3XF	1313	1137	1297	1284	1289	1417	1375	1419	1541	1494	1461	1803	1403	cd	50
AR 9371 B3XF	1123	1198	1202	1228	1261	1370	1457	1411	1425	1487	1536	1706	1367	de	25
NG 3195 B3XF	1223	1225	1282	1260	1309	1373	1308	1367	1457	1527	1428	1618	1365	de	17
NG 4190 B3XF	1116	1163	1278	1189	1206	1358	1373	1384	1395	1364	1518	1650	1333	ef	17
PHY 400 W3FE	1266	1220	1156	1178	1303	1340	1285	1298	1386	1338	1265	1641	1306	fg	8
PHY 545 W3FE	1049	1332	1219	1134	1179	1296	1191	1324	1215	1324	1457	1596	1276	g	8
	1240	1243	1263	1286	1368	1397	1412	1432	1459	1468	1491	1750			