

2012 UGA On-Farm Cotton Variety Performance Evaluation Program *Stability (Roundup-Based Trials)*

Variety	Combined Average	N.S. from highest yielding variety	% Top 3	% Top 2	% Top 1
DP 1252 B2RF	1482	92	77	77	38
DP 1137 B2RF	1473	85	85	69	38
DP 1050 B2RF	1459	85	85	23	15
PHY 499 WRF	1407	54	15	8	0
ST 5458 B2RF	1359	38	15	15	8
FM 1944 GLB2	1345	23	0	0	0
FM 1740 B2F	1307	23	15	8	0
AM 1511 B2RF	1273	15	8	0	0
PHY 565 WRF	1270	8	0	0	0
DP 0912 B2RF	1231	8	0	0	0
PHY 375 WRF	1197	0	0	0	0

2012 Roundup-Based On-Farm Trials (TOP 3)

Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	Combined Average
DP 1252 B2RF	973	1250	1221	1366	1457	1236	1485	1549	1436	1591	1850	1928	1926	1482
DP 1137 B2RF	759	1363	1201	1389	1372	1396	1461	1400	1521	1486	1784	2080	1943	1473
DP 1050 B2RF	1120	1232	1215	1326	1470	1340	1439	1490	1567	1482	1741	1633	1909	1459
PHY 499 WRF	1185	1013	1183	1266	1291	1269	1404	1357	1398	1495	1682	1908	1843	1407
ST 5458 B2RF	1307	1043	1164	1123	1114	1280	1291	1505	1431	1414	1559	1710	1723	1359
FM 1944 GLB2	1118	1048	1175	1225	1195	1231	1269	1410	1390	1424	1550	1583	1873	1345
FM 1740 B2F	965	1036	1104	1163	993	1375	1276	1221	1502	1371	1496	1647	1839	1307
AM 1511 B2RF	1184	911	1157	1148	1198	963	1347	1284	1168	1440	1576	1584	1592	1273
PHY 565 WRF	905	968	1138	1078	1160	1214	1259	1280	1312	1381	1400	1668	1743	1270
DP 0912 B2RF	965	761	1152	1123	1256	1025	1254	1257	1083	1425	1548	1556	1597	1231
PHY 375 WRF	1012	935	892	1081	904	1212	1146	1030	1248	1303	1377	1858	1565	1197
Loc. Average	1045	1057	1146	1208	1219	1231	1330	1344	1369	1437	1597	1741	1778	

2012 Roundup-Based On-Farm Trials

(N.S. From Highest yielding variety)

Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	Combined Average
DP 1252 B2RF	973	1250	1221	1366	1457	1236	1485	1549	1436	1591	1850	1928	1926	1482
DP 1137 B2RF	759	1363	1201	1389	1372	1396	1461	1400	1521	1486	1784	2080	1943	1473
DP 1050 B2RF	1120	1232	1215	1326	1470	1340	1439	1490	1567	1482	1741	1633	1909	1459
PHY 499 WRF	1185	1013	1183	1266	1291	1269	1404	1357	1398	1495	1682	1908	1843	1407
ST 5458 B2RF	1307	1043	1164	1123	1114	1280	1291	1505	1431	1414	1559	1710	1723	1359
FM 1944 GLB2	1118	1048	1175	1225	1195	1231	1269	1410	1390	1424	1550	1583	1873	1345
FM 1740 B2F	965	1036	1104	1163	993	1375	1276	1221	1502	1371	1496	1647	1839	1307
AM 1511 B2RF	1184	911	1157	1148	1198	963	1347	1284	1168	1440	1576	1584	1592	1273
PHY 565 WRF	905	968	1138	1078	1160	1214	1259	1280	1312	1381	1400	1668	1743	1270
DP 0912 B2RF	965	761	1152	1123	1256	1025	1254	1257	1083	1425	1548	1556	1597	1231
PHY 375 WRF	1012	935	892	1081	904	1212	1146	1030	1248	1303	1377	1858	1565	1197
Loc. Average	1045	1057	1146	1208	1219	1231	1330	1344	1369	1437	1597	1741	1778	
P-value	<.0001	<.0001	<.0001	<.0001	<.0001	0.003	<.0001	<.0001	<.0001	0.0061	<.0001	<.0001	<.0001	

2012 UGA On-Farm Cotton Variety Performance Evaluation Program *Stability (Liberty-Based Trials)*

Variety	Combined Average	N.S. from highest yielding variety	% Top 2	% Top 1
PHY 499 WRF	1422	91	82	55
FM 1944 GLB2	1326	64	55	36
PHY 565 WRF	1298	9	36	0
FM 1845 LLB2	1240	27	9	9
ST 5445 LLB2	1228	18	18	0
PHY 375 WRF	1208	9	0	0
ST 4145 LLB2	1089	0	0	0

2012 Liberty-Based On-Farm Trials (TOP 2)

Variety	1	2	3	4	5	6	7	8	9	10	11	Combined Average
PHY 499 WRF	<u>798</u>	<u>995</u>	<u>1275</u>	<u>1381</u>	1274	1376	1319	1353	1578	<u>1958</u>	<u>1714</u>	1422
FM 1944 GLB2	759	829	1039	1083	<u>1372</u>	<u>1383</u>	1303	<u>1494</u>	<u>1650</u>	1423	<u>1682</u>	1326
PHY 565 WRF	635	916	1132	1245	1169	1280	1281	1266	1435	1711	1541	1298
FM 1845 LLB2	651	830	1004	1080	1231	1187	<u>1366</u>	1318	1471	1322	1590	1240
ST 5445 LLB2	626	843	904	976	1047	1259	1115	1434	1611	1435	1653	1228
PHY 375 WRF	585	898	1041	1088	1096	1205	1243	1308	1271	1467	1460	1208
ST 4145 LLB2	670	787	836	1109	992	1074	1151	1141	1275	1186	1337	1089
Loc. Average	675	871	1033	1138	1169	1252	1254	1331	1470	1500	1568	

2012 Liberty-Based On-Farm Trials

(N.S. from highest yielding variety)

Variety	1	2	3	4	5	6	7	8	9	10	11	Combined Average
PHY 499 WRF	<u>798</u>	<u>995</u>	<u>1275</u>	<u>1381</u>	1274	1376	1319	1353	1578	<u>1958</u>	<u>1714</u>	1422
FM 1944 GLB2	759	829	1039	1083	<u>1372</u>	<u>1383</u>	1303	<u>1494</u>	<u>1650</u>	1423	1682	1326
PHY 565 WRF	635	916	1132	1245	1169	1280	1281	1266	1435	1711	1541	1298
FM 1845 LLB2	651	830	1004	1080	1231	1187	<u>1366</u>	1318	1471	1322	1590	1240
ST 5445 LLB2	626	843	904	976	1047	1259	1115	1434	1611	1435	1653	1228
PHY 375 WRF	585	898	1041	1088	1096	1205	1243	1308	1271	1467	1460	1208
ST 4145 LLB2	670	787	836	1109	992	1074	1151	1141	1275	1186	1337	1089
Loc. Average	675	871	1033	1138	1169	1252	1254	1331	1470	1500	1568	
P-value	0.0168	<.0001	<.0001	<.0001	0.0027	<.0001	0.0294	<.0001	0.0051	<.0001	0.0002	