

Table 2. Least square means for lint yield in the 2016 RBTN trial conducted at 13 locations ¹.

Cultivar	Overlocs ²		Alexandria LA		College Station TX		Jackson TN		Keiser AR		Las Cruces NM		Lubbock TX		Maricopa AZ		Mississippi State MS		Prattville AL		Stoneville MS - 1		Stoneville MS - 2		Suffolk VA		West Side CA		
	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	lb/A	r	
MD 16-1	1527	1	1216	7	1417	1	1264	8	1149	2	2414	4	927	1	1245	16	1856	2	1175	10	1358	2	1613	3	1098	12	2743	1	
Ark 0812-87ne	1526	2	1245	5	1339	6	1270	7	990	13	2379	7	775	8	1305	11	1716	9	1262	5	1354	3	1660	2	1318	1	2688	5	
GA 2011113	1514	3	1116	13	1383	3	1143	15	1047	11	2410	5	790	6	1514	1	1881	1	1293	1	1330	4	1356	16	1251	2	2700	4	
UA 222 CK	1511	4	1075	16	1264	13	1339	2	992	12	2299	10	788	7	1509	2	1664	13	1272	3	1403	1	1732	1	1115	10	2667	6	
Ark 0824-89	1477	5	1275	4	1383	2	1326	3	861	22	2348	9	735	15	1139	23	1664	14	1139	17	1190	8	1595	4	1208	4	2717	3	
Ark 0818-23	1449	6	818	27	1366	4	1381	1	881	21	2480	2	772	9	1304	12	1749	4	1159	12	1062	19	1516	7	1168	7	2619	9	
DP 393 CK	1440	7	1098	15	1239	16	1135	17	939	18	2268	12	729	16	1450	3	1680	12	1268	4	1185	10	1430	10	1077	14	2726	2	
Ark 0822-48	1435	8	1105	14	1311	9	1311	4	1078	8	2148	15	802	5	1179	21	1736	5	1146	14	1248	7	1583	5	1120	9	2534	11	
GA 2012082	1431	9	1323	2	1231	17	1107	18	1129	3	2272	11	766	11	1187	20	1787	3	1085	20	1278	6	1389	11	1201	5	2547	10	
MS 0043-28-1	1424	10	1203	8	1243	15	1272	6	1087	7	2386	6	609	22	1307	10	1728	7	1140	16	1155	11	1430	9	1102	11	2515	13	
AU77082	1421	11	1154	12	1310	10	1160	14	1160	1	2372	8	741	13	1283	13	1628	16	1162	11	1139	13	1386	12	1097	13	2626	7	
MS 0152-3-11	1395	12	1227	6	1196	20	1195	12	1121	4	2468	3	651	21	1352	7	1630	15	1292	2	1025	20	1366	14	956	23	2384	19	
AU82074	1369	13	1156	10	1292	11	1217	10	1098	5	1785	23	738	14	1399	6	1620	18	1246	6	1189	9	1360	15	1003	19	2426	17	
GA 2012050	1360	14	1342	1	1324	7	943	24	1090	6	2062	17	507	28	1312	9	1730	6	1201	8	1082	18	1340	18	1028	17	2451	16	
NM 13G2019	1358	15	1020	18	1112	23	1228	9	1068	9	2157	14	885	2	1437	5	1596	19	975	23	1087	16	1236	21	1063	15	2504	14	
NM 13G1029	1356	16	1003	20	1202	19	1055	19	1061	10	2622	1	599	23	1209	18	1622	17	960	24	1006	21	1160	23	1157	8	2623	8	
GA 2012141	1352	17	1155	11	1322	8	1136	16	946	17	1872	22	684	20	1320	8	1684	11	941	26	1294	5	1383	13	1045	16	2386	18	
SG 105 CK	1346	18	1014	19	1260	14	1286	5	987	14	1726	26	768	10	1250	14	1699	10	1147	13	1115	14	1352	17	1183	6	2352	20	
FM 958 CK	1331	19	1289	3	1291	12	1207	11	931	19	2052	18	724	17	1243	17	1527	21	1087	18	804	26	1241	20	1022	18	2482	15	
MD 16-2	1327	20	1175	9	1196	21	1049	20	826	23	2078	16	865	4	1070	25	1496	22	806	28	1154	12	1550	6	964	21	2525	12	
DP 493 CK	1307	21	1068	17	1225	18	868	26	902	20	1940	21	866	3	1437	4	1725	8	1029	21	1102	15	1338	19	965	20	2120	23	
Ark 0819-89	1296	22	856	25	1151	22	1193	13	974	15	2206	13	717	18	1053	27	1478	23	952	25	979	24	1514	8	1219	3	2233	21	
TAM13Q-18	1244	23	998	22	1353	5	968	23	956	16	1754	24	754	12	1198	19	1589	20	1235	7	1083	17	1115	24	822	27	2058	25	
PD07040	1235	24	943	23	1087	25	1014	22	.	.	2016	19	704	19	1117	24	1412	24	1144	15	1001	22	1201	22	962	22	2223	22	
PD08028	1170	25	923	24	1089	24	921	25	.	.	2002	20	527	27	1143	22	1411	25	1086	19	990	23	1038	27	825	26	2081	24	
PD09084	1107	26	821	26	1055	26	837	27	733	25	1746	25	533	26	1248	15	1402	26	923	27	802	27	1058	25	828	25	2026	27	
TAM11L-24	1106	27	1000	21	1023	27	1033	21	777	24	1646	27	558	24	1057	26	1205	27	981	22	831	25	1041	26	845	24	2054	26	
PD09046	864	28	482	28	784	28	456	28	643	26	1467	28	536	25	939	28	1126	28	1189	9	586	28	598	28	749	28	1354	28	
Mean	1346		1075		1230		1118		978		2120		716		1257		1609		1118		1101		1342		1050		2406		
Cultivar LSD (.05)	68		157		152		135		185		579		174		225		221		224		133		135		152		190		
Cultivar (P>F) ³	<0.0001		<0.0001		0.0003		<0.0001		<0.0001		0.0076		<0.0001		0.0002		<0.0001		0.0006		<0.0001		<0.0001		<0.0001		<0.0001		
CV(%)	12.44		10.41		8.77		8.61		13.41		19.41		17.28		10.73		9.74		14.00		8.59		7.16		10.32		5.61		
R-Square	0.93		0.74		0.75		0.85		0.59		0.44		0.62		0.70		0.64		0.55		0.85		0.89		0.71		0.88		
Reps	47		4		4		4		4		4		4		3		4		4		4		4		4		4		

Values in bold are not significantly different from highest value according to LSD(0.05).

¹ 2016 RBTN Florence, SC and Tifton, GA locations were excluded from the analysis of yield due to excess variability.

² Keiser, AR location was not included in the analysis over locations due to missing entries.

³ Location and Cultivar x Location were significant (P>F = 0.0001) .