

Table 2. Least square means for lint yield in the 2011 RBTN trial conducted at 13 locations[‡].

Cultivar	Overlocs		AlexandriaLA		CollegeStnTX		FlorenceSC		JacksonTN		KeiserAR		LasCrucesNM		MaricopaAZ		MissStateUSDA		StJosephLA		StonevilleMS		TallasseAL		TiftonGA		WestSideCA	
	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r	lbs/a	r
LA06307025	1400	1	1704	11	1346	7	592	4	1639	1	1220	4	998	12	1173	12	1686	4	1157	1	1291	3	1563	5	1518	9	2318	6
AU3111	1388	2	1807	8	1659	2	674	1	1515	7	1217	5	887	19	1001	24	1600	5	1033	3	1109	8	1780	1	1557	5	2199	14
MD 25-27Y	1371	3	1925	3	1308	11	573	6	1431	8	1278	2	1270	2	1280	4	1789	1	1013	6	1206	5	1386	15	1453	11	1907	24
DP 393	1340	4	1546	18	1196	16	537	11	1524	5	1167	9	961	15	1294	3	1556	9	990	9	1203	6	1444	10	1595	4	2402	3
AU3202	1335	5	2024	1	1524	4	441	18	1302	20	1147	10	915	18	1016	23	1688	3	1018	4	942	18	1488	7	1697	1	2152	15
Ark 0316-36	1333	6	1827	7	1631	3	574	5	1316	19	1260	3	1031	9	1131	16	1570	8	971	10	1359	1	1282	19	1399	14	1973	21
NM08N1562	1315	7	1871	4	1505	5	551	9	1365	15	1042	20	938	17	1241	7	1597	6	923	14	959	17	1407	13	1388	15	2302	7
AU3223	1313	8	1790	9	1189	17	487	16	1387	12	1291	1	1055	7	1241	6	1688	2	910	15	1133	7	1356	16	1263	27	2277	10
MD 25-87Y	1304	9	1857	6	1116	23	628	3	1333	17	1200	6	1020	11	1162	14	1421	18	1016	5	1213	4	1172	24	1519	8	2290	9
AU3095	1298	10	1559	17	1478	6	548	10	1518	6	1167	8	1054	8	1209	10	1439	16	785	17	1100	9	1461	9	1540	6	2020	20
MD 25-26ne	1293	11	1864	5	1280	12	501	14	1197	24	1110	13	978	13	957	25	1467	13	996	8	1310	2	1347	17	1362	17	2440	2
SG 105	1279	12	1422	24	1174	18	487	15	1527	4	1034	22	754	26	1307	2	1398	19	925	13	1075	10	1469	8	1597	3	2458	1
NM08N1564	1276	13	1925	2	1670	1	652	2	1196	25	908	27	1099	5	1335	1	1517	11	643	27	781	25	1399	14	1407	13	2060	19
NM08N1084	1269	14	1629	14	1341	8	389	25	1330	18	1074	16	1177	4	1234	8	1588	7	1006	7	827	24	1224	23	1337	20	2342	5
Ark 0305-07	1267	15	1488	19	1255	13	474	17	1558	2	1091	15	1272	1	1025	20	1376	20	926	12	1002	14	1573	4	1351	19	2078	18
Tamcot 73	1264	16	1693	12	1200	15	525	13	1399	11	1023	23	860	22	1169	13	1545	10	957	11	999	15	1250	22	1521	7	2296	8
Ark 0304-23	1249	17	1608	16	1137	20	421	22	1405	10	1094	14	1185	3	901	26	1513	12	1041	2	866	20	1264	21	1420	12	2378	4
LA07307106	1231	18	917	27	1327	10	561	7	1550	3	1198	7	885	20	1258	5	.	.	709	22	1004	13	1531	6	1622	2	2247	12
PD 05070	1205	19	1763	10	1028	26	552	8	1386	13	1066	18	764	25	1153	15	1449	15	657	26	849	23	1431	11	1471	10	2102	16
PD 06001	1194	20	1372	25	1170	19	427	20	1422	9	1041	21	959	16	867	27	1293	24	782	18	1012	12	1611	3	1327	21	2246	13
FM 958	1167	21	1440	22	1128	21	414	23	1247	22	1068	17	1023	10	1077	18	1425	17	760	19	910	19	1127	26	1284	25	2274	11
NC08AZ21	1144	22	1453	21	1245	14	390	24	1337	16	973	26	963	14	1030	19	1461	14	867	16	851	22	1280	20	1354	18	1672	26
Ark M222-07	1134	23	1196	26	1015	27	428	19	1371	14	1135	12	843	23	1199	11	1318	23	721	21	1024	11	1417	12	1304	23	1775	25
PD 05069	1120	24	1438	23	1113	24	532	12	1241	23	1060	19	836	24	1098	17	1252	25	734	20	610	27	1336	18	1368	16	1939	23
Acala 1517-08	1119	25	1655	13	1119	22	320	27	1050	26	973	25	1079	6	1221	9	1337	22	678	25	764	26	1091	27	1299	24	1960	22
Ark 0309-31	1112	26	1481	20	1095	25	422	21	1258	21	1141	11	875	21	1024	22	1115	26	689	24	854	21	1129	25	1283	26	2098	17
GA 2004143	1074	27	1610	15	1333	9	383	26	930	27	982	24	719	27	1024	21	1339	21	694	23	996	16	1635	2	1326	22	.	.
Mean	1252		1625		1281		499		1360		1110		978		1134		1478		874		1009		1387		1428		2162	
LSD (.05)	72		299		415		135		175		111		270		330		298		250		137		265		262		353	
CV(%)	14.73		12.98		20.76		19.22		9.16		7.08		19.60		20.10		14.32		20.08		9.66		13.56		12.53		11.58	
R-Square	0.88		0.65		0.51		0.60		0.69		0.70		0.45		0.45		0.44		0.54		0.83		0.54		0.50		0.57	
Reps	52		4		4		4		4		4		4		4		4		4		4		4		4		4	

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

[†] Yield and yield components for LA07307106 not included for MissStateUSDA; Yield for GA2004143 not included for WestSideCA.