

Table 2. Least square means for lint yield in the 2015 RBTN trial conducted at 12 locations.

Cultivar	Overlocs [†]		AlexandriaLA		CollegeStnTX		KeiserAR		LubbockTX		MaricopaAZ		MissStateUSDA		PrattvilleAL		StonevilleUSDA1		StonevilleUSDA2		SuffolkVA		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
Ark 0705-46	1408	1	1004	10	1150	7	881	1	1125	11	1405	1	2019	4	1288	1	1439	1	1388	5	1574	5	1282	7	2348	1
Ark 0701-17	1344	2	1109	3	1099	11	701	8	1076	16	1296	3	1826	15	1276	2	1309	2	1306	8	1474	12	1321	5	2334	2
DP 393 CK	1343	3	973	12	1137	9	692	9	1182	5	1064	16	2004	5	1211	3	1192	8	1460	1	1608	3	1372	4	2216	3
GA 2011124	1332	4	1045	6	1207	3	635	12	1314	1	1112	13	2045	2	1114	7	1238	6	1401	4	1779	1	1391	3	1698	19
GA 2011004	1327	5	963	13	973	21	793	2	1153	9	1288	5	1966	7	1200	4	1241	5	1297	9	1627	2	1564	1	1864	12
Ark 0707-33	1297	6	1183	1	1108	10	670	11	1166	7	1235	7	1618	21	1084	9	1105	14	1373	6	1398	16	1442	2	2185	4
SG 105 CK	1288	7	927	18	996	17	770	4	1105	14	1291	4	2030	3	1082	10	1292	3	1339	7	1534	9	1066	21	2030	6
MS 0043-28 -1	1270	8	1029	7	1153	6	734	6	1108	13	1186	8	1918	11	1123	5	1035	21	1243	11	1496	10	1283	6	1934	9
Ark 0711-2	1265	9	1016	9	1274	2	479	23	1160	8	1070	15	1904	12	1121	6	1085	15	1210	17	1537	7	1276	8	2041	5
UA 222 CK	1261	10	962	14	1375	1	551	17	1255	2	1060	17	1974	6	1086	8	1284	4	1449	2	1351	19	1023	22	1768	16
LA12306017	1239	11	998	11	1155	5	608	14	1120	12	1314	2	1775	17	1018	18	1112	10	1411	3	1582	4	1242	9	1532	23
MS 0045-14 -8	1227	12	936	17	1050	12	783	3	1083	15	1075	14	1810	16	953	22	1084	17	1228	13	1570	6	1189	11	1957	7
DP 491 CK	1215	13	1025	8	1007	15	701	7	1195	4	1120	12	2067	1	965	20	936	28	1281	10	1407	15	1185	13	1695	20
MS 0045-14 -5	1208	14	852	21	1170	4	583	16	1126	10	1027	19	1947	9	1024	17	1223	7	1176	19	1382	17	1097	18	1893	11
GA 2010102	1195	15	1049	5	983	20	482	22	1239	3	1024	20	1902	13	1024	16	1013	22	1082	20	1534	8	1142	15	1863	13
LA12306028	1180	16	1070	4	1013	13	543	18	1067	17	1245	6	1929	10	1061	11	1035	20	1183	18	1477	11	1235	10	1295	24
MS 0042-3 -7	1170	17	902	20	943	23	742	5	1018	21	997	21	1706	19	1026	15	1110	12	1224	14	1380	18	1188	12	1804	15
LA12306010	1160	18	1120	2	989	18	537	19	1181	6	850	25	1959	8	1027	14	1000	24	980	23	1456	13	1156	14	1670	22
FM 958 CK	1143	19	938	15	815	25	585	15	1021	20	1147	9	1588	23	1049	13	1108	13	1232	12	1306	21	1117	16	1807	14
Ark 0712-9	1140	20	829	24	1000	16	673	10	1021	19	1140	10	1475	27	956	21	1085	16	1220	16	1259	23	1078	19	1948	8
PD 07040	1137	21	912	19	823	24	536	20	1017	22	1137	11	1743	18	894	24	1117	9	1224	15	1237	24	1077	20	1930	10
NM 13W3007	1081	22	838	22	986	19	516	21	1003	23	995	22	1888	14	986	19	988	25	906	26	1173	25	969	23	1728	17
PD 07092	1074	23	831	23	1143	8	406	25	1027	18	1049	18	1619	20	1049	12	939	27	1014	22	1422	14	1101	17	1284	26
PD 07116	1068	24	937	16	1008	14	626	13	885	26	847	26	1594	22	874	25	1062	18	1027	21	1298	22	968	24	1689	21
Acala 1517-08	992	25	758	25	761	26	385	26	926	24	945	24	1500	25	916	23	1008	23	917	25	1111	26	963	25	1715	18
PD 07105	977	26	694	27	961	22	469	24	835	27	987	23	1581	24	842	26	950	26	929	24	1346	20	835	27	1292	25
NM 13P1088	837	27	744	26	757	27	320	27	892	25	357	27	1483	26	803	27	1045	19	764	27	1068	27	853	26	953	27
NM 13W3017	719	28	568	28	638	28	280	28	581	28	262	28	1185	28	748	28	1112	11	690	28	1034	28	655	28	874	28
Mean	1175		936		1024		596		1067		1054		1788		1029		1112		1177		1408		1145		1762	
Cultivar LSD (.05)	62		191		278		154		132		361		298		139		255		176		147		190		245	
Cultivar (P>F)	<0.0001		<0.0001		0.0003		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		0.0162		<0.0001		<0.0001		<0.0001		<0.0001	
CV(%)	12.90		15.52		19.30		18.42		8.80		20.45		11.84		9.46		16.29		10.65		7.44		11.39		9.87	
R-Square	0.90		0.67		0.53		0.73		0.76		0.70		0.65		0.73		0.64		0.81		0.80		0.75		0.85	
Reps	47		4		4		4		4		3		4		4		4		4		4		4		4	

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

[†] FlorenceSC and LasCrucesNM locations excluded from over location analyses.