

Table 2. Least square means for lint yield in the 2012 RBTN trial conducted at 14 locations ¹.

Cultivar	Overlocs ²		AlexandriaLA		CollegeStnTX		FlorenceSC		JacksonTN		KeiserAR		LasCrucesNM		LubbockTX		MaricopaAZ		MissStateUSDA		RockyMNC		StonevilleMS		SuffolkVA		TallasseAL		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	lbs/a	r
MD 10-5	1655	1	926	6	1959	2	1356	6	1311	1	1723	2	1816	3	1155	4	1992	2	1178	8	1656	6	1473	7	1863	2	1820	9	2441	13
NM11Q1008	1606	2	830	18	1422	23	1509	1	1044	14	1576	7	1637	8	1130	5	1938	3	1296	3	1854	1	1473	8	1964	1	1825	7	2510	7
Ark 0409-17	1581	3	808	22	1632	10	1388	5	1113	4	1734	1	1673	6	1025	12	1592	20	1163	10	1748	4	1446	9	1829	3	1885	4	2541	6
MD 87	1580	4	878	9	2124	1	1280	11	922	28	1592	6	1847	2	961	17	1753	9	1088	20	1574	12	1712	1	1607	12	1665	17	2500	8
GA 2004143	1573	5	930	5	1819	4	1234	17	1035	16	1713	3	1493	19	951	19	2019	1	1070	21	1664	5	1441	10	1582	14	1963	1	2483	10
AU90915	1557	6	953	1	1408	26	1469	2	1243	2	1543	12	1917	1	1176	3	1692	12	1089	19	1535	18	1272	23	1677	9	1807	10	2637	1
GA 2009100	1555	7	811	21	1710	8	1455	3	1155	3	1455	22	1573	12	.	.	1900	4	1454	1	1560	15	1439	11	1454	24	1804	11	2439	15
AU91411	1546	8	870	11	1949	3	1443	4	1099	5	1650	4	1519	16	781	27	1793	7	970	24	1463	25	1395	12	1540	18	1837	6	2573	3
MD 26ne	1520	9	870	12	1623	12	1177	24	942	25	1507	16	1796	4	1045	11	1547	22	1254	5	1540	17	1670	2	1824	4	1664	18	2345	20
Ark 0409-16	1516	10	811	20	1727	6	1320	8	959	21	1597	5	1493	18	974	15	1521	23	1109	16	1828	2	1505	6	1778	6	1725	15	2334	21
Arkot 0407-4	1503	11	938	3	1595	15	1245	16	1072	9	1477	19	1642	7	977	14	1381	29	1255	4	1792	3	1541	4	1780	5	1939	2	1885	32
DP 393	1497	12	880	7	1766	5	1270	12	1044	13	1575	9	1255	28	1094	6	1502	24	1107	17	1568	13	1664	3	1654	10	1790	12	2385	19
PD05074	1492	13	819	19	1623	11	1190	22	1070	10	1495	18	1306	25	934	21	1722	11	1303	2	1607	10	1297	18	1698	8	1824	8	2441	14
NC11AZ01	1481	14	748	27	1277	31	1132	27	929	27	1571	10	1624	9	1235	1	1888	5	1196	7	1651	8	1285	19	1768	7	1879	5	2307	24
FM 958	1469	15	769	24	1568	16	1188	23	937	26	1575	8	1675	5	1005	13	1636	16	1114	15	1652	7	1528	5	1582	15	1589	23	2282	25
LA08310066	1468	16	874	10	1683	9	1317	9	1000	17	1424	25	1429	20	1058	10	1682	13	905	28	1434	27	1315	17	1546	17	1902	3	2582	2
AU91215	1466	17	878	8	1463	19	1317	10	1098	6	1561	11	1381	22	722	29	1652	15	1093	18	1486	22	1388	13	1487	22	1690	16	2562	5
AU91111	1457	18	937	4	1281	30	1170	25	1062	11	1500	17	1609	10	842	26	1625	17	1133	13	1503	21	1378	14	1579	16	1756	13	2408	18
AU90810	1438	19	840	17	1459	21	1341	7	1055	12	1431	24	1563	13	974	16	1792	8	936	27	1397	28	1278	22	1536	19	1627	19	2442	12
GA 2008083	1425	20	952	2	1482	17	1251	14	1097	7	1538	13	1238	31	.	.	1612	18	1145	12	1540	16	1200	26	1169	30	1725	14	2573	4
GA 2008057	1396	21	793	23	1460	20	1216	19	904	29	1515	14	1249	29	718	30	1730	10	1156	11	1525	19	1187	28	1481	23	1618	20	2315	22
PD06078	1394	22	842	16	1715	7	1120	28	1043	15	1467	20	1332	24	760	28	1673	14	829	30	1466	24	1284	20	1401	28	1511	27	2436	16
Tamcot 73	1391	23	850	15	1605	14	1223	18	1083	8	1411	26	1604	11	1068	7	1248	31	897	29	1357	29	1248	25	1613	11	1489	28	2449	11
SG 105	1378	24	859	13	1351	29	1247	15	999	18	1404	27	1260	27	846	25	1422	27	1197	6	1578	11	1075	30	1598	13	1607	21	2314	23
Ark 0403-3	1370	25	765	25	1412	25	1160	26	867	31	1460	21	1538	15	652	31	1425	26	1126	14	1625	9	1377	15	1509	21	1553	25	1996	31
PD05071	1352	26	709	30	1611	13	1258	13	999	19	1438	23	1299	26	1063	9	1608	19	820	31	1504	20	1256	24	1409	27	1571	24	2092	29
PD06001	1344	27	720	29	1390	27	1201	21	996	20	1394	28	1246	30	1194	2	1410	28	948	26	1434	26	1280	21	1432	25	1525	26	2492	9
PD05064	1341	28	622	31	1476	18	1204	20	948	22	1344	29	1557	14	940	20	1882	6	956	25	1560	14	944	32	1118	32	1411	29	2409	17
Arkot 0410-32	1305	29	852	14	1427	22	1006	31	891	30	1515	15	1512	17	848	24	1173	32	789	33	1473	23	1375	16	1528	20	1591	22	1831	33
Acala 1517-08	1268	30	743	28	1381	28	1018	30	945	24	1278	31	1423	21	1067	8	1495	25	972	23	1224	32	995	31	1411	26	1349	30	2246	26
TAM 06WE-62-1	1209	31	760	26	1422	24	1040	29	947	23	1305	30	1183	32	952	18	1343	30	802	32	1318	30	1090	29	1130	31	1252	32	2132	28
NM11Q1157	1186	32	529	33	1173	32	967	32	830	33	925	33	1359	23	898	22	1556	21	1168	9	1292	31	824	33	1354	29	1284	31	2159	27
Barbren 713	1118	33	619	32	.	.	926	33	845	32	1140	32	.	.	867	23	1095	33	989	22	1155	33	1189	27	.	.	1159	33	2069	30
Mean	1437		818		1562		1231		1015		1480		1501		965		1615		1076		1532		1328		1559		1656		2352	
LSD (.05)	64		173		345		218		135		172		373		288		228		256		148		175		269		209		167	
CV(%)	11.40		14.98		15.74		12.59		9.45		8.26		17.68		18.41		9.81		16.96		6.87		9.39		12.31		9.01		5.07	
R-Square	0.90		0.48		0.61		0.57		0.64		0.70		0.42		0.55		0.74		0.54		0.76		0.80		0.60		0.73		0.81	
Reps	52		4		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).

¹ LubbockTX location excluded from Overlocs means.

² Overlocs means for Barbren 713 included 10 locations (CollegeStnTX, LasCrucesNM, LubbockTX, and SuffolkVA locations were excluded).