

Table 2. Least square means for lint yield in the 2017 RBTN conducted at 11 locations¹.

Cultivar	Overlocs		College Station TX		Jackson TN		Keiser AR		Las Cruces NM		Lubbock TX		Maricopa AZ		Mississippi State, MS USDA		Stoneville MS USDA-1		Stoneville MS USDA-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
Ark 0912-18	1551	1	1221	5	1570	9	1049	2	1615	1	1599	9	1823	4	1616	9	1158	7	1540	4	1622	2	2249	1
LA14063083	1536	2	980	25	1719	2	1101	1	1533	2	1616	7	1929	3	1848	1	1159	6	1487	6	1494	6	2029	4
Ark 0911-13	1457	3	970	29	1637	3	925	7	1318	6	1396	20	1729	10	1679	5	1101	11	1609	1	1565	3	2101	2
LA14063101	1451	4	991	20	1471	18	870	11	1487	3	1366	25	1986	1	1699	3	1168	5	1477	7	1371	14	2074	3
Ark 0908-60	1447	5	1141	10	1745	1	927	6	1157	25	1659	5	1527	25	1669	7	1269	1	1561	3	1469	7	1790	18
LA14063001	1442	6	981	24	1627	5	944	4	1419	4	1503	13	1946	2	1670	6	1133	8	1349	13	1266	21	2020	6
LA14063046	1433	7	1079	11	1608	7	940	5	1265	11	1543	11	1784	7	1498	14	997	19	1525	5	1638	1	1885	12
LA14063038	1417	8	1344	1	1400	23	837	15	1281	9	1665	4	1760	8	1559	13	1114	9	1399	10	1422	13	1809	15
Ark 0921-31ne	1412	9	1043	15	1625	6	889	10	1264	12	1611	8	1549	23	1308	26	1231	3	1581	2	1458	9	1976	7
GA 2015073	1397	10	1231	4	1525	11	815	18	1185	23	1831	1	1678	15	1477	16	1070	13	1312	15	1288	20	1950	8
DP 393 CK	1384	11	1150	8	1564	10	848	13	1072	29	1622	6	1719	12	1423	18	1112	10	1365	12	1325	17	2027	5
UA 222 CK	1375	12	987	21	1428	21	920	8	1252	15	1403	19	1688	14	1493	15	1237	2	1383	11	1446	10	1889	11
TAM 13Q-51	1357	13	971	28	1442	20	853	12	1406	5	1452	14	1659	16	1276	29	1186	4	1447	9	1361	15	1873	13
FM 958 CK	1353	14	1059	13	1629	4	839	14	1041	30	1761	2	1653	18	1423	19	1064	14	1188	22	1427	12	1793	17
GA 2015032	1349	15	995	19	1502	14	803	19	1196	22	1440	15	1635	20	1725	2	1050	15	1245	17	1468	8	1779	19
Ark 0921-27ne	1345	16	996	18	1471	17	830	16	1207	20	1433	18	1691	13	1321	24	1085	12	1462	8	1563	4	1741	21
AU 90098	1338	17	1243	3	1487	16	652	23	1258	13	1350	27	1656	17	1578	11	1029	17	1204	20	1540	5	1716	25
GA 2012141	1335	18	1001	17	1587	8	982	3	1094	28	1389	21	1476	27	1686	4	992	21	1327	14	1427	11	1719	24
PD 07040	1325	19	1078	12	1425	22	829	17	1266	10	1436	17	1792	6	1325	23	919	23	1235	18	1328	16	1937	10
DP 493 CK	1316	20	1261	2	1360	27	607	27	1245	16	1752	3	1813	5	1570	12	1023	18	1212	19	1120	27	1509	29
TAM 13S-03	1304	21	1165	6	1515	12	748	20	1287	7	1563	10	1733	9	1298	27	959	22	1087	25	1179	26	1809	16
Tamcot G11	1276	22	967	31	1504	13	549	30	1255	14	1439	16	1648	19	1445	17	871	26	1164	23	1251	23	1946	9
GA 2015090	1274	23	1158	7	1489	15	689	22	992	32	1227	31	1462	28	1617	8	994	20	1278	16	1264	22	1845	14
PD 08028	1236	24	1148	9	1463	19	626	25	1233	18	1339	28	1525	26	1326	22	881	25	973	27	1324	18	1760	20
TAM 13Q-18	1223	25	973	27	1386	24	642	24	1244	17	1503	12	1452	29	1333	21	819	27	1104	24	1316	19	1682	26
TAM WK-11L	1208	26	978	26	1263	31	901	9	1111	27	1246	30	1559	22	1041	33	1034	16	1198	21	1227	25	1735	22
NM 13R1015	1176	27	983	23	1249	32	716	21	1196	21	1174	32	1728	11	1586	10	775	28	982	26	992	32	1551	27
Acala 1517-08	1133	28	967	30	1338	28	538	31	1282	8	1382	22	1579	21	1257	31	678	31	927	28	1002	31	1513	28
TAM LBB131001	1131	29	1050	14	1288	30	560	28	1129	26	1371	24	1528	24	1298	28	747	30	793	30	1235	24	1440	30
PD 2013016	1127	30	985	22	1367	25	555	29	1037	31	1121	33	1336	33	1420	20	902	24	875	29	1067	28	1733	23
PD 09046	1065	31	1020	16	1361	26	514	32	1217	19	1358	26	1370	32	1274	30	652	32	724	33	976	33	1246	32
TAM LBB130218	1062	32	779	32	1304	29	618	26	1170	24	1377	23	1409	30	1313	25	614	33	770	31	1023	30	1307	31
NM 16-13P1088B	967	33	769	33	995	33	437	33	944	33	1277	29	1390	31	1081	32	756	29	751	32	1041	29	1192	33
Mean	1309		1050		1465		774		1232		1461		1643		1459		993		1228		1318		1776	
Cultivar LSD (.05)	65		ns		164		150		311		199		268		270		153		142		216		213	
Cultivar (P>F) ²	<0.0001		0.0654		<0.0001		<0.0001		0.0199		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001	
CV(%)	12.09		19.49		7.96		15.44		18.00		9.72		9.99		13.21		10.95		8.21		11.67		8.54	
R-Square	0.87		0.68		0.77		0.72		0.38		0.66		0.63		0.60		0.79		0.90		0.72		0.80	
Reps	44		4		4		5		4		4		3		4		4		4		4		4	

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

¹Data from Tallassee, AL and Tifton, GA were excluded from the over location analysis due to excess variability.

² Location and Cultivar x Location were significant (P>F = 0.0001) in Overlocs analysis.