

Table 2. Least square means¹ for lint yield over 14 locations in the 2022 RBTN.

Entry	Overlocs ²		College ³ Station TX		Florence SC		Jackson TN		Keiser AR		Las Cruces NM		Lubbock TX		Maricopa AZ		Mississippi State, MS MAFES		Mississippi State, MS USDA		Stoneville MS USDA-1		Stoneville MS USDA-2		Suffolk VA		Tallasse ³ AL		Tifton GA	
	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	lb/A	r
Ark 1414-28	1356	1	1135	5	862	4	1864	4	1390	5	1485	6	1232	14	1389	1	757	16	1024	8	1456	2	1549	5	1787	8	2191	1	863	7
Ark 1410-56	1292	2	989	13	803	8	1799	5	1287	8	1418	8	1272	9	972	17	699	20	1042	5	1477	1	1683	2	1884	4	1835	4	934	1
Ark 1414-43	1284	3	1199	3	692	21	1874	3	1276	9	1584	3	1139	23	1137	9	689	21	1041	6	1381	4	1470	10	1879	5	1803	8	817	12
CSX5432	1281	4	991	12	794	10	1524	18	1602	1	1594	2	1287	7	1088	11	844	9	949	13	958	24	1402	12	2106	1	2011	2	784	16
Ark 1414-47	1268	5	1288	1	795	9	1885	1	1250	13	1388	10	1045	25	1388	2	647	24	926	14	1355	8	1564	4	1729	12	1667	19	823	10
OA-22-2	1246	6	802	23	928	2	1689	11	1450	2	1568	4	1252	11	882	21	965	1	581	26	1376	5	1540	7	1705	15	1880	3	827	9
DP 393 CK	1244	7	986	14	689	22	1605	14	1248	14	1321	12	1271	10	1271	4	931	2	1145	1	1364	6	1452	11	1620	20	1712	14	793	14
Ark 1406-21	1235	8	968	17	809	7	1640	13	1266	11	1418	9	1395	3	1097	10	885	5	830	20	1293	11	1685	1	1521	26	1609	22	870	6
AU72028	1227	9	1010	11	826	5	1599	15	1238	16	1317	13	1347	4	1307	3	712	17	1055	4	1198	15	1375	14	1764	10	1686	16	750	18
MS 2010-28-27	1220	10	875	21	669	23	1575	16	1233	17	1445	7	1234	13	1161	8	839	11	1068	3	1363	7	1518	8	1547	24	1763	10	794	13
MS2010-87-44	1218	11	1022	10	816	6	1684	12	1250	12	1388	11	1211	16	1176	6	784	14	953	12	1300	9	1402	13	1714	13	1460	25	891	4
MS 2010-66-16	1214	12	900	18	750	15	1874	2	1430	3	1184	20	1038	26	1248	5	855	6	970	11	1203	14	1340	18	1644	19	1736	12	820	11
AU90098	1210	13	1049	8	863	3	1690	10	1238	15	1295	14	1203	17	1077	12	662	23	996	9	1074	22	1306	19	1792	7	1814	6	887	5
OA-22-3	1209	14	887	20	589	27	1716	8	1272	10	1678	1	1307	5	887	20	817	12	583	25	1086	21	1517	9	2010	2	1668	18	903	2
Ark 1410-32	1202	15	1083	6	754	14	1726	7	1230	18	1275	16	1143	21	1042	14	593	27	832	19	1281	12	1655	3	1706	14	1618	21	892	3
MS 2010-87-37	1196	16	971	16	711	20	1783	6	1332	7	1492	5	1193	18	860	22	845	8	858	16	1225	13	1359	16	1617	21	1671	17	828	8
MS 2010-87-42	1185	17	1028	9	731	18	1568	17	1417	4	1293	15	1306	6	1019	16	890	4	702	23	1144	16	1265	22	1825	6	1741	11	663	23
MS 2010-96-8	1169	18	887	19	604	26	1410	23	1332	6	1261	17	1398	2	1167	7	704	18	1122	2	1088	20	1254	23	1767	9	1698	15	678	22
UA 222 CK	1155	19	976	15	743	17	1448	20	1162	23	673	27	1516	1	761	27	670	22	978	10	1385	3	1548	6	1752	11	1809	7	749	19
TAM 17 WSH-12	1154	20	1235	2	781	11	1293	25	1142	25	1072	23	1285	8	1070	13	911	3	804	21	1095	19	1302	20	1690	16	1820	5	654	24
DP 493 CK	1122	21	1186	4	757	13	1414	22	1185	20	1177	21	1212	15	790	25	772	15	844	17	1101	18	1301	21	1668	18	1551	23	751	17
TAM 17 SHK-43	1104	22	852	22	749	16	1437	21	1224	19	1216	18	1158	20	955	18	804	13	1036	7	1119	17	1130	25	1679	17	1449	26	645	25
OA-22-1	1074	23	764	24	777	12	1695	9	1185	21	1154	22	1070	24	821	24	852	7	840	18	879	26	1354	17	1560	23	1387	27	701	21
FM 958 CK	1070	24	1054	7	551	28	1405	24	1179	22	1196	19	1140	22	836	23	700	19	918	15	1028	23	1165	24	1464	27	1771	9	579	27
TAM 17 WSE-66	934	25	654	27	954	1	1263	26	900	28	998	24	942	28	640	28	626	25	556	28	838	27	984	26	1285	28	1726	13	707	20
TAM 17 WSG-51	926	26	661	26	631	24	1190	27	1006	26	683	26	1236	12	906	19	580	28	750	22	783	28	868	28	1540	25	1645	20	487	28
TAM 17 WSE-68	922	27	750	25	624	25	1148	28	950	27	747	25	964	27	787	26	839	10	576	27	949	25	894	27	1608	22	1466	24	607	26
TAM 18 SHA-27	—	28	—	28	712	19	1484	19	1152	24	656	28	1175	19	1022	15	603	26	680	24	1293	10	1359	15	1910	3	—	28	791	15
Mean	1175		970		749		1582		1244		1249		1213		1027		767		881		1182		1366		1706		1711		767	
Entry LSD (.05)	69		344		188		261		168		339		228		288		230		262		164		135		358		365		179	
Entry (P>F) ⁴	<0.0001		0.0284		0.0055		<.0001		<.0001		<.0001		0.0007		<.0001		0.0220		<.0001		<.0001		<.0001		0.0202		0.0304		0.0001	
CV(%)	15.71		25.21		17.85		11.64		9.63		19.29		13.34		19.90		21.33		21.12		9.88		7.02		14.42		15.14		15.86	
R-Square	0.85		0.65		0.49		0.69		0.72		0.65		0.59		0.58		0.45		0.60		0.78		0.87		0.47		0.39		0.58	
Reps	56		4		4		4		4		4		4		4		4		4		4		4		4		4		4	

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

¹ Means are also ranked (r) from high to low for each location and over locations.

² Entry "TAM 18 SHA-27" not included at all locations and excluded from analysis over locations.

³ Entry "TAM 18 SHA-27" not included at this location.

⁴ Location and Entry x Location significant (P>F = 0.0001) in analysis over locations.