

Table 22. Least square means for percentage of potential lint yield (worm-control) for entries grown in worm infested and non-infested plots in the 2012 RBTN conducted at Mississippi State, MS¹. (Cooperator: Jack McCarty)

Entry	Cultivar	Lint Yield (Worm Control)	Lint Yield Loss [†] (Worm Infested)	Lint Yield Percent of Potential [‡]
		lbs/a	lbs/a	%
14	GA2009100	1454	343	77.9
24	PD05074	1303	237	82.6
21	NM11Q1008	1296	89	93.5
10	Arkot0407-4	1255	59	99.2
16	MD26ne	1254	98	92.1
32	SG105	1197	141	89.7
19	NC11AZ01	1196	299	75.7
17	MD10-5	1177	217	82.7
20	NM11Q1157	1168	132	89.7
6	Ark0409-17	1163	337	72.5
13	GA2008057	1156	28	99.5
12	GA2008083	1145	247	76.7
34	DP491	1139	104	91.7
4	AU91111	1133	91	91.5
8	Ark0403-3	1126	116	90.0
31	FM958	1114	26	97.8
7	Ark0409-16	1109	160	86.5
30	DP393	1106	35	95.9
1	AU91215	1093	136	86.7
2	AU90915	1089	176	82.9
18	MD87	1088	21	100.0
11	GA2004143	1070	23	102.4
33	BARBREN713	989	111	88.9
22	Acala 1517-08	972	215	77.5
3	AU91411	970	279	69.9
23	PD05064	956	214	77.2
27	PD06001	948	33	98.0
5	AU90810	936	11	98.5
15	LA08310066	905	97	94.9
28	Tamcot73	897	-32	112.4
26	PD06078	828	30	98.4
25	PD05071	820	249	72.8
29	TAM06WE-62-1	802	41	93.5
9	Arkot0410-32	789	140	80.5
	Mean	1078	132	88.8
	LSD (.05)	253		
	F test	**	ns	ns
	Reps			

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

¹ The worm test was highly variable in 2012 resulting in non-significant yield loss (trends existed).

[†] Worm plots were infested weekly, beginning at pin head square, with tobacco budworm for 4 applications. First instar larvae were suspended in a dry ground corn cob grit medium and applied at approximately 9:00 a.m. with a Davis inoculator. Application rates were 8 to 10 live larvae per foot of row.

[‡] Percent of potential yield = (worm infested yield/ worm control yield) * 100.