

Table 19. Means for percentage of potential lint yield for entries grown in worm infested and non-infested plots in the 2021 RBTN conducted at Mississippi State (USDA), Mississippi (Cooperator: Jack McCarty).

Entry	Designation	Lint Yield Worm Control	Lint Yield Worm Infested <sup>1</sup>	Lint Loss	Lint Yield Percent of Potential <sup>2</sup>
		lbs/a	lbs/a	lbs/a	%
1	Ark 1301-16	863	779	85	96.3
2	Ark 1311-18	843	996	-153	124.4
3	Ark 1308-58	782	936	-154	123.0
4	Ark 1317-31	955	874	81	95.2
5	Ark 1309-56	960	959	1	100.6
6	CSX5432	1014	1007	7	102.3
7	TAMLBB16507	955	761	194	81.1
8	TAMLBB17206	866	952	-86	110.0
9	OA-11	812	971	-159	121.7
10	OA-13	926	829	97	91.6
11	OA-133	731	866	-134	123.9
12	GA 2015026	994	810	184	88.6
13	GA 2016029	1128	1098	30	97.9
14	GA 2016090	1015	957	57	102.6
15	TAM 14B-72	1055	979	76	92.9
16	TAM 14E-12	1035	722	313	70.3
17	LA19073002	891	803	87	93.7
18	LA19073070	911	818	93	92.6
19	MS 2010-87-37	1151	961	190	86.4
20	MS 2010-87-42	1173	1097	76	96.0
21	MS 2010-87-5	893	1031	-138	119.4
22	MS 2010-66-16	1137	941	196	85.8
23	MS 2010-28-27	1063	1000	63	97.4
24	MS 2010-96-9	1079	1004	74	95.7
25	DP 393 CK	1095	888	207	82.4
26	DP 493 CK	868	993	-126	118.0
27	FM 958 CK	960	930	31	99.8
28	UA 222 CK	1020	803	217	80.8
	<b>Mean</b>	971	920	50	98.9
	<b>Entry (P&gt;F)</b>	>0.05	0.01	>0.05	>0.05
	<b>LSD (.05)</b>	ns	206	ns	ns
	<b>Reps</b>	4	4	4	4

<sup>1</sup> Worm plots were infested weekly, beginning at pin head square, with tobacco budworm for 5 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. A delay in harvest allowed time for yield compensation in many of the worm infested plots.

<sup>2</sup> Lint Yield Percent of Potential = (lint yield worm infested / lint yield worm control) x 100.