

TABLE No. 1.—Experiment in R. S. Eaton's Wagner orchard, plots $\frac{1}{2}$ acre, trees 8 feet 2 inches apart, sprayed in 1912 and 1913.

Plot No.	1912 Original Infestation per cent in buds.	Sprays used.	1913 Infestation per cent in buds.	1914 Infestation per cent in buds.
1.	21.2	A	40.1	55.3
2.	19.1	A	45.4	60.2
3.	21.4	None	52.6	66.1
4.	20.5	ABCD	19.4	16.3
5.	21.9	B	22.9	41.8
6.	17.1	BC	11.6	17.2
7.	17.6	None	43.4	60.6
8.	14.3	C	32.1	49.1
9.	21.9	BCD	29.3	32.8
10.	25.6	CD	38.1	49.4
11.	22.6	None	46.2	52.4
12.	14.4	D	41.7	44.6

*Paris Green used on Plot.

TABLE No. 2.—Experiment on Early William Apples in S. B. Chute's orchard. Counts on 2,000 apples.

Plot No.	Sprays used	Nozzle used.	Original infestation in buds.	% of apples showing bud-moth injury when picked.		Reduction in injury to picked fruit based on unsprayed plot in rela- tion to infection in buds.	
				Drive nozzle.	Mist nozzle.	Drive nozzle.	Mist nozzle.
1	1234	Drive.	84.8	9.9	16.04	75.5	%
1	1234	Mist.	83.4	.....	.....	.....	55.
2	1234	Drive.	94.2	12.7	13.6	68.5	66.2
2	1234	Mist.	95.6	.....	.....	70.1	35.9
3	1234	Drive.	96.2	12.3	26.2	63.5	38.
3	1234	Mist.	95.4	.....	.....	60.6	55.9
4	234	Drive.	94.6	14.8	25.5	74.8	69.4
4	234	Mist.	96.	.....	.....	None.	None.
5	234	Drive.	96.4	16.2	18.	.....	.....
5	234	Mist.	95.6	.....	.....	.....	.....
6	234	Drive.	92.4	10.	11.3	.....	.....
6	234	Mist.	86.4	.....	.....	.....	.....
7	None.	East $\frac{1}{2}$	76	38.7	28.2	.....	.....
7	None.	West $\frac{1}{2}$	79.4	.....	.....	.....	.....

TABLE No. 3.—Experiment on Wagner Apple in S. B. Chute's orchard. Bud-moth Experiment. Counts on 2,000 apples per plot.

Plot No.	Type of nozzle.	Sprays used.	Percentage of Wagner apples showing bud-moth injury when picked.	
			Drive nozzle.	Mist nozzle.
1	Drive.	1234	12.6	17.25
1	Mist.	1234	.....	.....
2	Drive.	1234	11.75	14.
2	Mist.	1234	.....	.....
3	Drive.	1234	10.7	14.6
3	Mist.	1234	.....	.....
4	Drive.	234	11.3	13.2
4	Mist.	234	.....	.....
5	Drive.	234	10.5	11.8
5	Mist.	234	.....	.....
6	Drive.	234	15.4	13.4
6	Mist.	234	.....	.....
7	Drive.	None.	37.9	57.2
7	Mist.	None.	.....	.....