

Table 13.—Experiments at Morrice, 1924.

Plot	Materials	Amount in 100 gal.	Rate of application	Relative amounts active in- gredients	Leaves on spurs (average)						Flowers set (per cent)			
					Hubbardston					Wagener	Jonathan		Hubbardston	
					June 1	June 30	Aug. 5	Sept. 3	Sept. 30	Sept. 30	1st drop	2nd drop	1st drop	2nd drop
9.....	Check.....				7.8	6.3	6.3	6.2	6.0		19	9	5	5
10.....	Lime-sulphur... Lead arsenate...	1½ gal. 1½ lbs.	Light	1	7.9	6.6	6.6	6.2	6.1	4.6	12	11	12	10
11.....	Lime-sulphur... Lead arsenate...	1½ gal. 1½ lbs.	Moderate	2	8.0	6.1	6.1	5.2	5.2	3.2	9	5	9	8
12.....	Lime-sulphur... Lead arsenate...	1½ gal. 1½ lbs.	Heavy	3	8.2	5.7	5.7	4.4	4.4	2.6	11	9	6	5
13.....	Lime-sulphur... Lead arsenate...	3 gal. 3 lbs.	Light	2	8.2	6.2	6.2	4.8	4.6	2.1	8	5	13	12
14.....	Lime-sulphur... Lead arsenate...	3 gal. 3 lbs.	Moderate	4	8.1	5.7	5.7	3.3	3.0	1.9	9	6	3	2
15.....	Lime-sulphur... Lead arsenate...	3 gals. 3 lbs.	Heavy	6	7.3	5.0	5.0	1.9	1.7	0.8	5	3	9	7
16.....	Bordeaux..... Lead arsenate...	2-4-100 1 lb.	Light	1	7.6	7.1	6.7	6.6	6.5	4.7	34	26	9	7
17.....	Bordeaux..... Lead arsenate...	2-4-100 1 lb.	Moderate	2	7.5	6.6	6.1	6.1	5.9	4.4	19	15	12	8
18.....	Bordeaux..... Lead arsenate...	2-4-100 1 lb.	Heavy	3	7.8	6.8	6.1	6.1	6.0	4.0	14	9	6	6
19.....	Bordeaux..... Lead arsenate...	6-12-100 3 lbs.	Light	3	7.9	6.8	5.8	5.8	5.8	3.8	35	26	12	10
20.....	Bordeaux..... Lead arsenate...	6-12-100 3 lbs.	Moderate	6	7.7	6.6	5.6	5.6	5.5	3.6	17	14	9	6
21.....	Bordeaux..... Lead arsenate...	6-12-100 3 lbs.	Heavy	9	7.6	6.7	6.1	6.1	6.1	3.8	32	22	8	7