

" B " Treatment.

All trees included in this treatment were sprayed five times during the fruiting-period : (1) When majority of blossoms had fallen ; (2) when fruit had set ; (3) at stoning-period ; (4) one month later ; (5) when fruit began to swell prior to ripening.

No. of Row.	Early Spring (Pink) Treatment.	Fruiting-period Treatment.	Percentage of Rot at Time of Picking.
25	Bordeaux, 8-6-40 ..	Lime-sulphur, 1-120	2.35
26	" 8-3-66 ..	Atomic sulphur, 8-100	10.90
27	" 8-3-66 ..	Lime-sulphur, 1-120	3.18
28	" 8-6-40 ..	Sulphur atoms, 8-100	8.09
29	" 8-6-40 ..	Lime-sulphur, 1-120	2.42
30	" 8-3-66 ..	Self-boiled lime-sulphur, 8-8-50	2.13
31	" 8-3-66 ..	Atomic sulphur, 8-100	2.46
32	" 8-6-40 ..	Lime-sulphur, 1-120	0.80
33	" 8-6-40 ..	Atomic sulphur, 8-100	2.83
34	" 8-3-66 ..	Sulphur atoms, 8-100	3.00
35	" 8-3-66 ..	Atomic sulphur, 8-100	16.66
36	" 8-6-40 ..	Self-boiled lime-sulphur, 8-8-50	26.66
37	" 8-6-40 ..	Sulphur atoms, 8-100	32.25
38	" 8-3-66 ..	Lime-sulphur, 1-120	25.64
39	" 8-3-66 ..	Sulphur atoms, 8-100	7.37
40	" 8-6-40 ..	Atomic sulphur, 8-100	Nil.
41	" 8-6-40 ..	Sulphur atoms, 8-100	4.76
42	" 8-3-66 ..	Self-boiled lime-sulphur, 8-8-50	Nil.
43	" 8-3-66 ..	Self-boiled lime-sulphur, 8-8-50	20.58
44	" 8-6-40 ..	Lime-sulphur, 1-120	3.34
45	" 8-6-40 ..	Self-boiled lime-sulphur, 8-8-50	50.00
46	" 8-3-66 ..	Atomic sulphur, 8-100	44.00
47	" 8-3-66 ..	Self-boiled lime-sulphur, 8-8-50	50.00
48	" 8-6-40 ..	Sulphur atoms, 8-100	Nil.

EFFECTS OF SPECIFICS ON FRUIT AND FOLIAGE.

Lime-sulphur : Sherwin Williams dry powder was used, and was dissolved in hot water and tested with the hydrometer. It was diluted to the strength of 1-120 based on a 33° test. It slightly scorched the tender tips of the young growths, but did no serious damage to foliage or fruit.

Self-boiled lime-sulphur : This preparation scorched the foliage and fruit rather seriously for the first and second sprayings, but was not quite so severe as the season advanced. The trees, however, retained a rather sickly appearance for some time after each spraying.

Atomic sulphur : This specific did not injure fruit or foliage in the least. All trees treated looked exceedingly green and healthy right throughout the season.

Sulphur atoms : This preparation seems to have exactly the same action on fruit and foliage as atomic sulphur.

SUMMARY.

Judging from the foregoing results it cannot be claimed as regards spraying that any one of the specifics showed any outstanding superiority over the others for the control of brown-rot. All preparations failed to prevent it entirely.