

Bordeaux solution, 3-5-50, proved an excellent preventive. I do not consider that sulphur had any appreciable effect in controlling "spot."

Growers complain about having to wash or wipe the fruit after using Bordeaux. These growers will be interested to know that the Department is experimenting with carbonate-of-copper solution in Mr. Odering's house, and if this solution proves successful in controlling fungoid diseases the question of extra labour for wiping and cleaning the fruit will be solved, as the carbonate-of-copper mixture leaves no sediment or deposit.

#### OTHER REMEDIES.

For slugs and woodlice, or "slaters," tobacco-dust and lime were used, the tobacco-dust especially being very effective.

McDougall's fumigators were used for control of green aphid, and proved excellent. The cost is reasonable, 12s. a dozen, one fumigator being sufficient for 1,000 cubic feet. The operation is simple.

#### THE CROP.

Unfortunately, no record of crop and prices, &c., from this house was kept by Mr. Maffey last season, so I cannot make any definite comparison between the crop of that season and that of the present one. Mr. Maffey states that the present crop is the best harvested for some seasons. Altogether 622 lb. of tomatoes were marketed, at an average price of 8½d. per pound, which is a fair record for a house of small size.

#### CONCLUSION.

In conclusion, there are several items in this report which I have not dealt with fully—viz., humidity, fertilization, watering, and spraying—as we have similar experiments on hand in Mr. Odering's house under slightly different conditions, and I wish to compare notes with these experiments before reporting on such important subjects. Thanks are due to Mr. Maffey for his hearty co-operation in carrying out the experiments, and also to Mr. J. Maffey, "The Cutting," Redcliffs, for his assistance.

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In looking over young orchards in the Nelson District recently, a fact which struck me very much was the great superiority of "rods" or "sticks" (yearlings) over the "pinched" or "headed" trees. In some cases pinched yearlings are being sold as two-year-olds. On these trees the buds on the lateral growth are frequently semi-dormant, and do not come away well the first year.—*T. W. Kirk.*