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## Arsenite of Lime

L. Caesar, O.A.C., Guelph

Prof. W. M. Scott of the Bureau of Plant Industry, Washington, D. C., has reported that in his experiments in Arkansas arsenite of lime used with lime-sulphur burned apple foliage severely. In my experiments on apples, pears and potatoes the two substances were used together with safety. Prof. J. P. Stewart of Pennsylvania also found them safe. Professor Scott, however, is considered a careful investigator; so, it is just possible that different weather conditions this year in Ontario might cause this spray mixture to be injurious.

It seems wise, therefore, to advise the fruit growers of the province not to use the arsenite of lime in any but an experimental way this year and to wait for another season until the question will have been definitely settled. Meantime investigators agree that arsenate of lead, two pounds to forty gallons, is the proper poison to use with lime-sulphur, as it is both effective and safe.

## Cold Storage of Apples

J. A. Ruddick, Cold Storage Commissioner, Ottawa

The experiments in the storage of apples which this branch of the department has been conducting the past winter, by authority of the minister of agriculture, has shown conclusively the possibility of keeping apples in a sound condition and without waste if placed in cold storage as soon as taken from the tree, no matter what the conditions are at harvest time. Seven carloads of apples were purchased in the orchards last fall and were removed to cold storage immediately after being picked. They were carried at a temperature of 30 to 32 degrees all winter, and in April at London, St.

John and Montreal we had Baldwins, Greenings and Spys in perfect condition, crisp and juicy, showing no appreciable waste. Apples that were packed in barrels in the orchards last fall were shipped in April without re-packing. This saving will pay the extra cost of cold storage.

Cold storage of apples is not always so successful, for the reason that they are generally allowed to remain too long after picking before they are put in storage. The damage is usually done during the first week or two after picking. There is no use of depending on cold storage to preserve over-mature, bruised or imperfect fruit. Full details of these experiments will be published in bulletin form as soon as the final results are available.—From Census and Statistics Monthly for April.

THE CANADIAN HORTICULTURIST is improving with every issue. There has been marked improvement in the past year.—J. A. Moore, Queens Co., P. E. I.

I should have sent my renewal subscription to THE CANADIAN HORTICULTURIST sooner, but I have been very busy. I cannot afford to be without your excellent publication.—Sam L. Long, Yale-Caribou, B. C.

"Weeds and How to Eradicate Them" is a question of much concern to farmers, fruit growers and gardeners everywhere. An excellent little book bearing this title was written by Prof. Thos. Shaw when he was professor of agriculture at the Ontario Agricultural College. It treats the subject in a thoroughly practical manner. Bound in cloth and containing over 200 pages, it makes a neat and valuable addition to any book shelf. Copies may be had from the Webb Publishing Co., St. Paul, Minn.

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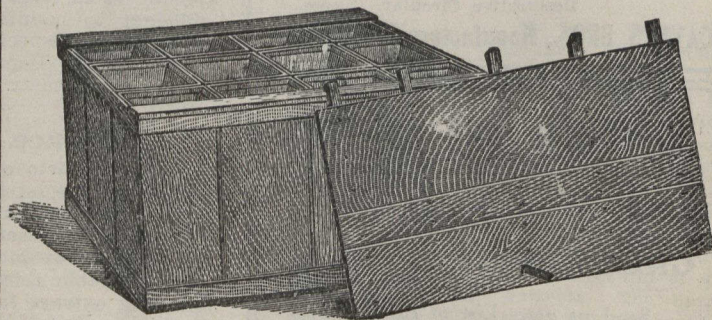
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