

enable them to produce commercial crops and are constantly dependent upon them for advice regarding newly introduced pests, or old ones that have assumed new importance as a result of changing methods of cultura. The modern fruit trade would not have existed without this service and it would soon slip back were it withdrawn or diminished. The problems involved in the control of the apple maggot and oriental peach moth are particularly pressing at the present time.

#### Insecticide and Fungicide Investigations

The laboratory at Annapolis Royal is a pioneer in this field. It functions through the development of new and cheaper sprays and combinations, and offers constant service in testing work. Many co-operative and commercial concerns serving the growers make their purchases entirely on the advice of this laboratory. Branch officers can no doubt give actual figures as to the many thousands saved through the substitution of white arsenic in poison bran mash for locust attacks and other methods of cheapening the mixture, which are their own discovery. The officers of this laboratory have made a place for themselves in the farming industry that is quite indispensable. They are able to carry on so much work because of having available in the busy season a number of partly trained student helpers. Without them, their work is largely emasculated.

#### Parasite Introduction

At Belleville is a laboratory known throughout the world for its work in this field. The only hope we have for the control of many introduced pests is to fight them with their own natural enemies. The successful introduction of the parasites of the larch sawfly,