

dusted over the worms it destroys them. It also does so, if mixed with water. The complaint against this is its expensiveness. A new remedy, also, has been introduced which is brought into notice for the first time this year, and concerning which I have had communication with the gentleman who discovered it. In the west a disease has affected the caterpillars by which they have turned black and died. Prof. Forbes, the State Entomologist, of Illinois, examined them microscopically, and found them filled with tens of thousands of bacillus. He finds that he can breed these in beef tea, so that a vessel will become thickly charged. Taking a pint of this and putting it into a barrel of water, he forms a liquid which is harmless to man or beast; but when a worm eats a few of these bacillus on a leaf they begin to increase in the intestines and kill the worm. He has tried this by putting them on cabbages charged with this liquid, and the worms have died.

Mr. A. A. WRIGHT (of Renfrew).—When I get my ground as rich as it should be, we could grow cabbages faster than the worms could eat them.

Mr. YOUTHILL.—The greatest enemy this insect has is the little grey bird—the smaller of the two varieties. They have kept my plants free. I have seen them walk along, row by row, picking off these pests and destroying them.

THE ONION GRUB.

QUESTION.—“What is the best plan or measure to destroy the onion grub?”

The PRESIDENT.—This is twin sister to the cabbage grub, belongs to the same genus, and its mode of working is also similar.

Mr. BUCKE.—I believe it is stated that if you cover the bulb with earth they will not breed there.

The PRESIDENT.—The remedy which our Vice-President refers to is practised in England, and seems to be attended with good results. The other remedies suggested for the cabbage worm would be equally applicable to this, and therefore sand impregnated with coal oil might have the desired effect. After Mr. Morton's experience with the emulsion, it is possible the remedy might not be as successful as we had hoped.

Mr. DEMPSEY.—I think I have noticed the eggs of the cabbage worm right on the foliage of the plant. The maggot seems to hatch on the exterior and then goes to the root afterward. I have noticed that they will start to destroy one small onion and after they have enough will begin at another.

Mr. GOLDIE.—It was reckoned that soot was a good remedy.

Mr. A. A. WRIGHT (of Renfrew).—I have tried that without success.

Mr. DEMPSEY.—A gentleman who grows them extensively told me that by changing the block annually he avoided this. This year he planted on the same block as last year, and three-fourths of his crop has been destroyed.

Mr. WRIGHT.—The bed on which nearly all were destroyed last year has this year produced the best crop I ever had.

Mr. MORTON.—The only remedy I know of is not to plant the onion. I had a better crop where the onions grew on top one year than where they were planted deep down.

ANNUAL ADDRESS OF THE PRESIDENT OF THE FRUIT GROWERS' ASSOCIATION OF ONTARIO.

The President, Mr. William Saunders (of London), then read his annual address, the full text of which is given here:

GENTLEMEN—It now becomes my duty and privilege as your retiring president to address you on some points in connection with the progress which is yearly being made in this country in all departments of horticulture. The field is so vast and the questions which might profitably occupy our time so numerous, that it is perplexing to decide as to the best course to follow. Time will not permit to do more than cull a flower or two here and

there and to present in this pleasing Association, which gatherings of fruit and for placing the

Our meetings proportion of the our people. A vast the accumulated held, all of which ciation, which I ha

The advantage and to the public it always bear refer unnecessary to occ assured, that the a Ontario are great you I am, to some impress upon the n culture that by jo organization in eve selves benefits in r devoted to this obj than the payment c receive in return?

First, the *Can* esteemed editor as stores of horticult each number, teem beautiful plate of Horticulturist alor we have the annu meetings, and cont a variety of horticu Society of Ontario, enemies with whic year the Directors members the privi free of cost to be t every one is able t Surely this is wort the advantages are as we would like t flowers, or trees to offers. “Come the

Of late years, fruit, in many of it sections in Ontario to grape culture is interest. No large be found in very s planted along a fen purpose of orname