

to keep the whole tightly covered. If you buy seed from any large house you will almost always find that the seed has been treated before you buy it; but, if not, the pease can be easily treated in this way by the purchaser.

By Mr. McGregor :

Q. How many ounces of bisulphide did you say was used?

A. Three ounces to about five bushels of pease is the usual quantity used, or one ounce to every hundred pounds of grain. The bisulphide vaporizes readily, becoming a colourless vapour. While I am speaking of it, I may tell you that this liquid is extremely inflammable. It is a colourless liquid like water and vaporizes at the ordinary temperature of the air. The vapour is very much heavier than the air; that is the reason it is placed on top of the seed to be treated; as soon as the liquid vaporizes, it sinks downward among the pease, destroying all the insects. It is extremely inflammable, as I have said, and if a light of any kind, even a lighted cigar or pipe, comes in contact with it a serious explosion may take place. It is very dangerous, and should be used out of doors or in an open shed, because out of doors there will not be an explosion.

By Mr. Semple :

Q. Does the pea weevil extend far over Canada?

A. No, it does hardly any injury outside of south-western Ontario. Many of our northern farmers are growing seed for United States merchants, because they can grow them without any weevil. We never have the weevil here in Ottawa. I once found one or two injured pease on the farm here, but that only showed that they can be imported in the seed but will not increase here to any extent.

Q. Where I live, in Fergus, they used to be bad, but the insect appears to have disappeared?

A. You are just outside its breeding range.

ANTS,

The CHAIRMAN:—That substance is useful for destroying ants.

Mr. FLETCHER:—As Mr. Bain says, this liquid is extremely useful for destroying ants, especially the Little House Ant (*Monomorion pharaonis*) that sometimes gives troubles in houses. It is very difficult to locate the nest, but if you can find out where the nest is and pour in a teaspoonful of the bisulphide the vapour will spread down into the nest and destroy the insects.

By Mr. McMillan :

Q. Will it be effective in destroying ants in the orchard?

A. It is the best method of destroying them. Make a hole down into the nests and pour a little down the hole, then cover up with a little earth and press it down with the foot.

By Mr. Calvert :

Q. We find in Middlesex that where they refrain from sowing for a year the weevils do not come in?

A. The weevils sometimes do a good deal of harm there I understand, but if the seed is thoroughly treated there will be, year after year, less difficulty.