

Prof. Shutt.—That is chiefly a nitrogenous manure. What you are doing in applying that swamp muck, is giving humus to the soil and nitrogen. When you apply that in a fresh condition, you are not furnishing the soil with immediately useful or assimilative food. I have no question of doubt, but that the mechanical condition of the soils is improved by supplying crude muck.

TUESDAY AFTERNOON SESSION.

Horticulture in the Maritime Provinces.

W. S. BLAIR, Nappan Experimental Farm

Vice President, P. Innes, Esq., in the chair. Mr. W. S. Blair, of the Nappan Experimental Farm, addressed the meeting on "Horticulture in the Maritime Provinces."

Mr. Chairman, Ladies and Gentlemen,—This is the first time I have had the opportunity of having my name upon the programme of this Association, and I feel assured that there are many here who can discuss the subject more ably than I can. This subject is a broad one, "Horticulture in the Maritime Provinces," and I want to deal with the subject as briefly as I can, because I realize that the time of your Association can be more profitably taken up by others. There is one point we should consider, that is the condition of the Maritime Provinces with respect to the production of fruit.

I will deal with apple growing first. In the first place, there are certain conditions which I consider absolutely essential in order that apple growing may be successful. One of the most important things is protection to the fruit trees. We find that fruit trees that have this protection from the hills or from the mountain ranges, or from trees, are doing well, and are making full growth. You will find this to be the case in whatever part of the Provinces you may go. I observed in the Province of New Brunswick, an orchard, the trees of which were planted 15 feet apart—the outside row was to a certain extent unprotected. The outside row protected the inside rows so that they made better growth. In an adjoining farm the trees were planted 30 feet apart on similar soil, but on account of not being as closely planted or having