

as an essential supporting subject to the study of Plant Pathology. Post graduate courses are also offered in the last two subjects. That the work given in the above subjects is adequate seems to be proven by the fact that a number of our graduates have been granted full credit for both undergraduate and post graduate courses taken in the department in registering for post graduate studies in several other universities. These include, Toronto, Cornell and Wisconsin where Plant Pathology is featured. However, a course in advanced Plant Physiology should be available for students at Macdonald taking Plant Pathology and other studies such as Agronomy. Tentative plans have been made to meet this situation through co-operation with the department of Botany, McGill University. Otherwise, the courses offered at Macdonald constitute a sound basis for a thorough training in Plant Pathology.

The members of the department keep in close contact with the practical aspects of the subject through field studies carried on in the summer and by giving whatever assistance is possible to plant growers in solving their disease problems. This proves invaluable in teaching and in selecting and directing thesis problems in post graduate studies.

In our investigational work a few more or less restricted lines have been and are being emphasized and consistently followed. Chief of these are the investigations of the department into the virus diseases of plants. This was started in 1920 and has been carried on ever since. Studies are in progress this year on the properties of the virus causing tobacco mosaic a common and troublesome disease. Investigations on the method of action and value of various chemicals as seed disinfectants against seed borne parasites causing disease,