

It is felt that the present equipment and plantations could be used to provide additional means of extending the work now under way with the help of graduate students of a desirable type; but to advance the work, as the situation and needs indicate, a considerable increase in finances is required for technical assistance, as well as skilled labor and equipment.

Plant Pathology Department

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Plant pathology which has had a comparatively recent development and due to the demands of agriculture, a rapid growth is a highly scientific study and at the same time an intensely applied subject. Thus the members of this department endeavor to keep in close contact with the practical aspects of the subject by giving whatever assistance is possible to plant growers in solving their disease problems as they occur from time to time. This experience proves to be of real value in teaching work and in choosing and directing thesis problems in connection with post graduate studies. At the same time investigations in a few more or less restricted lines have been and are being emphasized and consistently followed.

Chief of these is the investigational work of the department on the virus diseases of plants. This was started in 1920 and has been carried on ever since. This year researches are being made into the properties of the virus causing tobacco mosaic, a common and troublesome disease. Investigations on the action and value of various chemicals as seed disinfectants against seed borne parasites has been for some years a particular effort. The effects