

### III. DISEASES OF VEGETABLES AND FIELD CROPS

#### ASPARAGUS

RUST (*Puccinia asparagi*) was general throughout the Armstrong district of B. C. It affected practically all the plants in most commercial fields (G. E. Woolliams).

DIE BACK (cause undetermined) was seen on occasional plants in Queen's Co., P. E. I. Affected plants were sev. damaged (R. R. Hurst).

#### BEAN

##### Diseases of White Beans in Ontario in 1957

R. N. Wensley

Root rot of white beans was not prevalent in western Ontario in 1957. Moreover, where found, the disease was mild and was not a serious deterrent to plant development. An immature crop of the Slender Green variety of snap beans at Harrow developed sev. root rot caused by *Fusarium* and *Pythium* species in October under the prevailing wet conditions.

Bacterial blight was prevalent on the foliage but did not attack pods to any extent. Crop development was not affected.

Anthracnose was prevalent in Huron and Elgin counties and in part of Middlesex Co. Yield and seed quality of susceptible varieties were reduced. The variety Sanilac was the least affected by anthracnose.

The seed quality of late maturing and unharvested crops of white beans was reduced by a prolonged period of wet weather. The earlier varieties, such as Sanilac, escaped weather injury and proved profitable in many areas.

#### Other Observations

GRAY MOLD (*Botrytis cinerea*) was present on pole beans throughout the Lower Fraser Valley of B. C. following cool, wet weather at the end of June. There was some pod loss (H. N. W. Toms). There was a mod. infection on leaves and pods of Brittle Wax at Ste. Foy, Que. (D. Leblond). Gray mold was tr. on Lapin and Soldier at Millville, N. B. (S. R. Colpitts). A light infection occurred in a field at Berwick, N. S. The disease was less in 1957 than usual (K. A. Harrison).