

1919 to 1928, and assistant professor in charge of cereal breeding from 1928 to date.

J.N. Bird is a graduate of Toronto University in Biology, and took his M.A. from the same institution in Botany and Genetics. He took graduate work at McGill in 1928-29, and obtained his M.S.A. therefrom in 1929. He was appointed lecturer in Agronomy in 1930. ✓

Suggested Methods of Encouraging and Developing Graduate Instruction and Research.

A most useful and direct method of doing this is by the provision of graduate assistantships. These should be based on an eleven month year and should provide a remuneration of \$900.00. Holders of these assistantships would assist in the research work of the department and take two years to complete their work for the master's degree.

Two assistantships for this department would be very helpful in developing research work and in attracting students.

Additional Facilities Required for Carrying out Proposed Plan.

A. Research in agronomy frequently involves problems of chemistry, physiology, pathology, and genetics. There is therefore a distinct need for a definite basis of cooperation between this department and those represented by the sciences mentioned.

The situation can be illustrated by the following examples:-

1. In breeding for winter hardiness with grasses and clovers physiological and biochemical problems are involved.

2. Pathological problems have presented themselves in investigations conducted with a number of the crops but particularly with the oat crop.