

Project No.	Institution	Project Title
101	U. of Toronto..... Toronto	Cytotaxonomic studies on <i>simulium venustum</i> and related biting flies. Dr. K. H. Rothfels
102	Ontario Agricultural College..... Guelph	Contract farming in Ontario. Prof. W. D. Hopper
104	Ontario Agricultural College..... Guelph	Cost of producing grain corn. Prof. Wright
106	Queen's University..... Kingston	The metabolism of photosynthetic products in roots of tree seedlings under different light conditions. Prof. G. Krotkov
107	U. of British Columbia..... Vancouver	Studies on anion uptake as affected by soil moisture levels. Dr. J. E. Beaton
108	Macdonald College..... Quebec	Investigations of the sulphur status of soils in southeastern Canada. Prof. W. A. DeLong
109	U. of British Columbia..... Vancouver	Screening irrigation of water supplies—biological and physical aspects. Prof. T. L. Coulthart
NEW PROJECTS		
110	U. of Alberta..... Edmonton	The effect of crystallization of butterfat on the hardness of butter. Prof. F. W. Wood
111	U. of British Columbia..... Vancouver	A study of the enzymes in milk responsible for the reduction of resazurin. Prof. J. J. R. Campbell

Mr. Herridge: I am very interested in this question of agricultural research. I made my remarks on the first item and I do not intend to repeat them, but I should like the minister to inform the house to what extent all the research conducted under this item is correlated with the results of the research undertaken by the experimental farms, illustration stations, universities and those making studies under the economics division. That is my first question, and I ask it in order to get a total picture of the results of the research.

My second question is, what co-operation has been established with the Farm Credit Corporation? I think there should be very close co-operation, so the corporation would have a sound knowledge of the productive capacity of any area or for any particular crop. So far as the experimental stations are concerned, we all recognize the good work that has been undertaken by the stations generally. I know that in the British Columbia interior we appreciate the work that has been undertaken by the station at Summerland and the diffusion of the results of their research. However, that station is situated in the Okanagan, and we have a variety of climates in southeastern British Columbia. Quite frequently you will find a change of climate within a few miles which will have a

bearing on the growing of certain fruits, whether they are tree fruits or small fruits.

I want to suggest, Mr. Chairman, that the department could use the personnel of experimental stations to good advantage in getting a very complete knowledge of the suitability of each area within the area sowed by an experimental station for the growing of certain crops, the production of cattle or any of the various agricultural activities. I mention this because of my experience throughout the years, first of all with the Canadian farm loan board. We now have the Canadian Farm Credit Corporation, but we cannot expect too much of it at present because it is just getting organized. I have met representatives of the Canadian farm loan board who were completely lacking in information concerning the suitability of certain areas, certain lands, for the growing of crops.

I mention that particularly because in our district, as I have said before, we have so many diverse circumstances. I know of one small valley, about seven miles long, which is suitable for stock raising. There is a very nutritious mountain grass growing in that valley. I know of a successful farmer who had a considerable acreage in that valley and who applied for a loan, but was rejected