

from the ground surface while in the adjacent land, which had good surface but no tile drainage, the water level stood at from 2 to 5 inches from the surface.

It is proposed to continue this study at least one more year.

2. Study of Gas Engine Cylinder Oils.

This study is being made to ascertain the extent to which various brands of automobile and tractor lubricating oils conform to the viscosity numbers and specifications established by the Society of Automotive Engineers. Viscosity and copper strip corrosion tests have been made of over sixty samples of oil. The results indicate that the products of all the wellknown refiners conform well to S.A.E. specifications. This study is being continued.

AGRICULTURAL ECONOMICS

Investigation:

Assistance was continued during the past year in the enquiry into the cost of production of fluid milk carried on by the Department of Agriculture.

During the past summer Dr. Lattimer spent some time in Britain, visiting markets and interviewing importers of farm products. This work was facilitated by the introductions and assistance given by Mr. Charles A. Harrison, the commercial agent for Quebec at London.

Additional problems under investigation include:

1. The importance of the Montreal market for the farmers of Quebec.
2. Correlation of volume and value of farm products.
3. Taxation in rural municipalities. (In co-operation with the Federal and Provincial Departments of Agriculture).