

- (3) Agency programs in re-grassing of lands.
- (4) Work of River Valley Authorities of Ontario.
- (5) Work of Maritimes Marshland Reclamation.
- (6) Certain phases of the work of P.F.R.A. in Western Canada.
- (7) Land use and conservation Committees of the Western Provinces.

Mechanics of Enquiry.—It would appear advisable that at least one achievement in a land and water use project from each province be studied. It may be advisable to study achievements in better land and water use in the United States and other countries, and possibly also the experience where like projects were not so successful. It is suggested that the procedure of such studies be as follows:

That sub-committees be named:

- (i) to study an achievement in each province;
- (ii) to visit sites of projects, and interview provincial, municipal and local interests responsible for same.
- (iii) to prepare reports and with or without personnel responsible for achievements, report to the Committee as a whole.

Machinery for National Leadership in Better Land Use.—If as a result of the Committee's studies, the Committee is encouraged to suggest that machinery be established on a national scale for co-ordinating and assisting in programs designed to bring about better land and water use, the Committee should give attention to another phase of the study in land use, and that is the nature and form of the national machinery required. It has been suggested by one of the national organizations appearing before the Committee that an act required for such a national undertaking should be framed to be as broad and flexible as possible to ensure the greatest possible co-operation with the provinces in necessary programs.

Flexibility is important so that Federal participation in provincial programs may vary according to the manner in which provinces wish to carry on their program and the emphasis they wish to give to the various aspects of the land use program.

Recommendations for Action outside of the Committee

While, at this time, the Committee feels it has neither covered the scope of the inquiry on land use requested of it, nor adequately assessed the submissions heard, nevertheless it is prepared to recommend:

(1) That the soil survey being co-operatively carried out by the Federal Department of Agriculture, the Provincial Departments of Agriculture and the Colleges of Agriculture be speeded up and expanded not only in order to complete the soil mapping of the whole settled area of Canada, but also of the unsettled areas.

(2) That it be called to the attention of the proper authorities the need of a systematic land use survey based upon appropriate factors to provide for an economic classification of the land according to its use suitability.

(3) That the work of various agencies in the study and management of our water resources be expanded,—specifically that relating to drainage and erosion problems, condition of water-tables and of present and likely future requirements.

(4) That more emphasis be given studies which designate requirements respecting farm size, organization and practices according to the physical characteristics of the land and economic conditions which prevail.

All which is respectfully submitted.

ARTHUR M. PEARSON,
Chairman.