

management are there for all visitors, both rural and urban to see. These demonstrations have been quite an effective means of informing the public of the value of conservation measures.

Authority assistance is extended to private landowners in carrying out specific land use improvement projects on their own land. In return for Authority financial and technical help, the landowner must agree to the use of the project as a demonstration. Often such projects have been used as a feature of a "Conservation day" in which the Department of Agriculture and local farm organizations co-operated with the Authority in publicizing the event. A dozen Authorities have held a number of such events which have been attended by a total of about ten thousand people.

The Saugeen Valley Conservation Authority has established a demonstration pasture farm on land that tends toward the marginal for most farming purposes. This demonstration shows the possibilities of various types of pasture management, and seed mixtures for this class of land. The demonstration has attracted wide interest.

Grass Waterways:

Two Conservation Authorities extend financial assistance in the form of a subsidy to landowners who build an approved grass waterway on their farms. The maximum amount payable is \$150 towards one waterway per farm.

Stream Bank Erosion Control Projects:

Five Conservation Authorities have carried out projects to control cutting and erosion of banks along stream courses. These projects have been of benefit in protecting not only farm land, but also urban land, buildings and services such as roads and sewers. In some instances they have been specific control projects; in others they have been demonstrations of what can be done to control stream-bank erosion, often with quite small expenditures and with fairly simple measures.

Land Judging Competitions:

A project becoming increasingly popular in recent years has been land-judging competitions. First sponsored in 1955 by an Authority in the Toronto region, in 1960 some 16 such competitions were held across Ontario. The majority of them were sponsored by Conservation Authorities, in co-operation with the Ontario Agricultural College and the Department of Agriculture.

Primarily designed to interest and educate rural young people in soil and its management problems, the competitions have also attracted adult interest. The usual procedure is to have instruction in the morning of the event with the actual competition in the afternoon. Soils are judged according to such factors as erosion, stoniness, drainage, slope and suitability for various crops. Contestants fill out judging cards and score points for their answers, and usually the winners are given prizes.

SURVEYS IN SOILS AND LAND USE

During the past 16 years over 40 Agricultural Land Use Surveys have been conducted in watersheds of 23 Conservation Authorities. These surveys have been concerned with the examination of the conditions of the land, and with the factors contributing to its well-being or its misuse. Such conditions as drainage, erosion, topography and stoniness are observed and mapped. The present use of the land is also recorded.