

(3) reclamation of land by flood control and drainage; (4) the restoration of abandoned, under-utilized and misused lands; (5) the preparation of unoccupied land for settlement; (6) the construction of provincial community pastures outside the area covered by the agreement with P.F.R.A. and not provided for in the agreement with the Federal Government.

The Provincial Department of Agriculture's conservation and development activity in the field of agricultural rehabilitation and reclamation is based on co-ordination with the Federal P.F.R.A. program, with which a closely knit working arrangement is maintained. The following is a summary of the Saskatchewan Department of Agriculture activities, according to the above division of responsibility, as at Dec. 31, 1952.

*Dry Land Fodder Projects.*—Development of 41 dry land feed and fodder projects has been undertaken, nine of which have been completed or partially completed and made available for disposition to rural municipalities or co-operative associations. All of these projects have been developed for forage production and are situated on abandoned or under-utilized lands.

The area under development for fodder production totals 44,579 acres of which 20,647 acres are in the nine projects available for disposition. An additional 7,734 acres are in preparation for seeding to forage crops.

*Irrigated Forage Projects.*—Nine irrigated feed and fodder projects are under development in the area of the Province where there is a winter feed deficiency for live stock. An irrigable area of 15,233 acres is involved in these projects with 1,855 acres producing forage crops.

One irrigable fodder project has 850 acres producing forage and this portion has been made available for disposition to rural municipalities or co-operative associations. Seventeen rural municipalities and co-operative associations have been assisted in developing smaller dry land and irrigated fodder projects as insurance against a feed shortage. A total of 9,680 acres are in these projects with 3,770 acres seeded to forage crops.

*Irrigation Development.*—Secondary distribution systems on irrigation projects installed since Apr. 1, 1949, for which storage and main canals have been constructed by P.F.R.A. have brought 20,731 acres under the ditch. During the same period 29 water-users' organizations have been established with a total membership of 701 farmers.

*Pasture Development.*—In the area of the Province outside the P.F.R.A. program the development and improvement of 61 pastures, with a total area of 610,780 acres, has been carried out. These pastures are operated by the Lands Branch of the Department of Agriculture, by the municipality or municipalities in which they are located, or by co-operative associations. In 1952, provincial community pastures provided grazing for 7,370 head of live stock over one year old, with a natural increase in the pastures of 1,811 calves. This live stock was the property of 438 local farmers.

*Drainage Development.*—Flood control and drainage to reclaim lands is proceeding in 95 projects. The northeastern area bordering on the presently settled area of the Province is receiving particular attention. Lands benefited by drainage works either constructed or in the process of construction total 530,100 acres.