

Subsection 10.—Miscellaneous Agricultural Statistics.

Agricultural Irrigation.—*Alberta.**—The surface waters in Alberta are vested in the Crown and are administered by the Water Resources Office under the Water Resources Act. All matters affecting the control of water supply generally, as well as the inspection and authorization of works for the use of water for domestic, municipal, industrial, irrigation, and other purposes, and the granting of licences for such purposes are dealt with thereunder. The Director of Water Resources at Edmonton is responsible for all field administration. The Irrigation Districts Act of Alberta (R.S.A., 1922, c. 114) and amending statutes provide for the formation of irrigation districts, and authorize the raising of loans under by-laws adopted by the voters of the district. Table 41 gives statistics of the larger irrigation projects in Alberta for the years 1936 and 1937.

41.—Major Irrigation Projects in Southern Alberta, 1936 and 1937.

Project.	Source of Supply.	1936.			1937.		
		Irrigable Area.	Length of Canals.	Area Irrigated.	Irrigable Area.	Length of Canals.	Area Irrigated.
		acres.	miles.	acres.	acres.	miles.	acres.
C.P.R. Western.....	Bow river.....	218,980	1.347	44,614	218,980	990	50,866
C.P.R. Lethbridge.....	St. Mary river..	100,000	196	75,274	100,000	219	75,250
Canada Land.....	Bow river.....	130,000	453	24,453	130,000	466	32,567
Taber.....	St. Mary river..	21,499	99	19,123	21,499	102	21,296
Lethbridge Northern...	Oldman river...	96,777	600	62,790	96,220	600	70,020
United.....	Belly river.....	34,166	175	18,900	34,166	175	17,500
New West.....	Bow river.....	4,563	24	2,207	4,563	24	2,752
Magrath.....	St. Mary river..	6,975	90	4,900	6,975	90	4,000
Raymond.....	St. Mary river..	15,130	16	13,600	15,130	16	13,000
Mountain View.....	Belly river.....	3,500	22	2,900	3,500	15	3,500
Little Bow.....	Highwood river	3,093	2.5	200	3,093	2.5	20
Eastern.....	Bow river.....	250,000	1,904	111,781	279,000	1,916	124,645

The Canadian Pacific Railway has constructed three large projects known as the Eastern, Western, and Lethbridge sections, the last-named being the oldest irrigation project in Alberta. In 1935 the interests of the C.P.R. in the Eastern project were transferred to the water contract holders, who are now operating under the name of the Eastern Irrigation District. By agreement with the Canadian Pacific Railway, the Taber, Magrath, and Raymond irrigation districts procure their water supply from the main canal of the Lethbridge section, a further 43,603 acres being served by the canals of these districts.

The total irrigable area served by the Canada Land and Irrigation Company's project is 130,000 acres, while the New West Irrigation District, by agreement with the Canada Land and Irrigation Company, received a water supply for a further irrigable area of 4,563 acres.

In addition to the irrigated tracts enumerated in the foregoing table, there are approximately 391 privately-owned projects in Alberta, with a possible irrigable area of 57,751 acres.

* Revised by L. C. Charlesworth, Director of Water Resources, Edmonton, Alta.