

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 40 gives statistics of the larger irrigation projects in Alberta for the years 1934 and 1935.

40.—Major Irrigation Projects in Southern Alberta, 1934 and 1935.

Project.	Source of Supply.	1934.			1935.		
		Irrigable Area.	Length of Canals.	Area Irrigated in 1934.	Irrigable Area.	Length of Canals.	Area Irrigated in 1935.
		acres.	miles.	acres.	acres.	miles.	acres.
C.P.R. Western.....	Bow river.....	218,980 ¹	1,566	31,131	218,980	1,566	19,109
C.P.R. Lethbridge.....	St. Mary river.....	100,000 ¹	196	70,000	100,000	196	70,000
Canada Land.....	Bow river.....	130,000	453	20,496	130,000	453	22,694
Taber.....	St. Mary river.....	21,499	96	18,490	21,499	96	19,471
Lethbridge Northern.....	Oldman river.....	97,656	573	54,200	96,871	600	73,022
United.....	Belly river.....	34,166	175	10,000	34,166	175	12,000
New West.....	Bow river.....	4,563	24	1,712	4,563	24	2,066
Magrath.....	St. Mary river.....	6,975	90	4,000	6,975	90	4,000
Raymond.....	St. Mary river.....	15,129	16	13,000	15,130	16	13,000
Mountain View.....	Belly river.....	3,500	11	1,950	3,500	22	3,000
Little Bow.....	Highwood river.....	3,092	2.5	300	3,093	2.5	300
Eastern.....	Bow river.....	250,000	2,000	101,566	250,000	1,904	143,997

¹ Revised since the publication of the 1936 Year Book.

The Canadian Pacific Railway Co. 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 Company 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 Co., 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 Co.'s project is 130,000 acres, while the New West irrigation district, by agreement with the Canada Land and Irrigation Co., receives 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 350 privately-owned projects in Alberta, with a possible irrigable area of about 56,000 acres.

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