

**Quantity and Value of Farm Products.**—Estimates were made at the time of the 1945 Census enumeration of the production and values of crops, live stock and animal products in 1944 calculated on average prices prevailing in 1945. The total value of 54,450 tons of hay, produced in 1944, was \$2,613,600, of 1,509,994 bu. of potatoes, \$2,113,992 and of 279,279 bu. of turnips and other root crops \$429,778 while 3,874 bu. of oats, wheat and barley harvested were valued at \$5,812. There were on farms, in 1944, 22,944 cattle valued at \$2,431,350, and 85,802 sheep at \$2,288,307. The estimated value of the 3,877,818 gal. of milk produced during the year, including goats' milk, was \$3,296,143 and the value of 456,926 lb. of butter produced, excluding that made by manufacturers, was \$251,309. Egg production amounted to 1,574,401 doz. valued at \$1,495,681.

### Subsection 13.—Agricultural Irrigation

A short article is given at pp. 375-379 of the 1947 Year Book on agricultural irrigation on the Canadian Prairies from its beginnings when early ranchers undertook to grow winter feed by diverting water from the smaller streams to irrigate meadow lands, to the new phase in irrigation development whereby the Federal Government, under the Prairie Farm Rehabilitation Act, 1935, undertook to construct large irrigation works on the Prairies and to provide assistance for individual projects, conduct surveys and prepare plans for various irrigation possibilities.

**Irrigation in the Prairie Provinces.**—Table 44 shows the larger irrigation developments in Alberta\*. In addition there are some 650 private individual projects authorized to irrigate an area of 75,370 acres. Table 45 shows the principal Prairie Farm Rehabilitation Act irrigation projects in Manitoba and Saskatchewan and Table 46 the irrigable and irrigated areas in British Columbia under the control of public and private organizations.

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#### 44.—Irrigation Development in Alberta, as at Oct. 31, 1948

Project	Source of Supply	Area of Tract	Area Served by Existing Works	Area Irrigated in—	
				1947	1948
		acres	acres	acres	acres
Canada Land and Irrigation Company...	Bow River.....	200,000	55,000	40,100	40,738
New West Irrigation District <sup>1</sup> .....	Bow River.....	8,000	4,564	3,494	3,422
Western Irrigation District.....	Bow River.....	150,000	150,000	20,000	12,000
St. Mary and Milk River Development..	St. Mary River....	200,000	84,000	76,207	76,351
Magrath Irrigation District <sup>2</sup> .....	St. Mary River....	18,873	6,975	3,500	3,500
Raymond Irrigation District <sup>2</sup> .....	St. Mary River....	20,520	15,130	12,000	12,000
Taber Irrigation District <sup>2</sup> .....	St. Mary River....	33,200	21,500	19,141	17,720
Eastern Irrigation District.....	Bow River.....	1,500,000	250,000	168,580	172,200
Lethbridge Northern Irrigation District..	Oldman River....	220,782	97,261	57,434	55,374
United Irrigation District.....	Belly River.....	62,800	34,318	7,463	2,970
Mountain View Irrigation District.....	Belly River.....	6,400	3,569	3,300	3,300
Leavitt Irrigation District <sup>3</sup> .....	Belly River.....	15,500	4,631	1,300	1,500 <sup>4</sup>
Aetna Irrigation District <sup>3</sup> .....	Belly River.....	15,440	8,300	—	—
Little Bow Irrigation District.....	Highwood River..	10,014	200	—	—
<b>Totals</b> .....		<b>2,461,529</b>	<b>735,448</b>	<b>412,519</b>	<b>401,075</b>

<sup>1</sup> Water supplied through works of Canada Land and Irrigation Company. through the works of the St. Mary and Milk Rivers Development. of Mountain View District.

<sup>2</sup> Water supplied through works of Mountain View District.

<sup>4</sup> Approximate.