

In addition to the irrigated tracts enumerated in Table 53 there are at present in Alberta and Saskatchewan some 700 privately owned projects, making possible the irrigation of a further 110,000 acres.

Table 54, gives statistics of crops grown during 1926 on 427,257 acres within the projects shown in Table 53.

54.—Statistics of Crops Grown on Irrigation Projects in Southern Alberta, 1926.

Crops.	Acreage.	Average yield	Total yield.	Average unit values at harvest.	Total value.	Value per acre.
	acres.	bush. per acre.	bush.	\$	\$	\$
Wheat.....	290,906	19.70	5,731,096	1.10	6,304,205.60	21.67
Oats.....	40,752	26.14	1,065,243	0.50	532,621.50	13.07
Barley.....	15,100	23.30	351,824	0.85	193,503.20	12.81
Rye.....	201	15.41	3,097	0.80	2,477.60	12.32
Flax.....	2,367	9.87	23,369	1.90	44,401.10	18.76
Peas.....	3	22.00	66	3.00	198.00	66.00
Alfalfa Seed.....	2,989	3.1	9,310	15.00	139,650.00	46.73
		tons.	tons.			
Alfalfa.....	31,091	2.13	66,123	13.00	859,599.00	27.65
New Alfalfa.....	343	0.38	130	-	1,690.00	4.93
Timothy.....	7,438	1.05	7,825	18.00	140,850.00	18.94
Timothy and Alfalfa.....	1,619	2.00	3,230	16.00	51,680.00	31.92
Green Feed.....	22,569	1.12	25,296	14.00	354,144.00	15.69
Other Hay.....	6,868	0.94	6,451	15.00	96,765.00	14.09
Sunflowers.....	171	7.93	1,356	5.00	6,780.00	39.65
Corn (Ensilage).....	215	5.85	1,258	7.00	8,802.50	40.94
Potatoes.....	1,579	44.00	6,884	23.00	158,343.27	100.28
Sugar beets.....	2,108	7.86	16,576	7.00	116,032.00	55.04
Gardens.....	344	-	-	-	92,650.00	269.33
Pasture (Mixed Grasses).....	458	-	-	-	11,447.50	25.00
Pasture (Corn).....	136	-	-	-	6,900.00	60.00
Total.....	427,257	-	-	-	9,083,282.77	21.26

The recent erection in the heart of the irrigated areas of Southern Alberta of a modern refining plant for the production of sugar and accompanying by-products has given a decided impetus to the growing of sugar beets. In 1926 some 35,600 tons of beets were grown, resulting in the production of 4,800 tons of sugar.

*Irrigation Projects of Canadian Pacific Railway Co.*—The Canadian Pacific Railway Co. has constructed and is operating in the province of Alberta three large projects known as the Eastern, Western and Lethbridge sections. The total irrigable area which can be served by these projects amounts to approximately 750,000 acres, of which about 172,000 were irrigated in 1926. The total crop produced in 1926 from 330,760 acres situated within the boundaries of these projects amounted to \$6,919,100, or at the rate of \$20.92 per acre. The Lethbridge section is the oldest irrigation project in the province of Alberta, 1926 being its 25th year of operation. The Magrath, Raymond, Stirling and Coaldale areas are included in the section, and the Taber irrigation district, comprising some 16,940 acres of irrigable land, also receives its water supply from this section. The Western and Eastern sections have been operating for 19 and 13 years respectively.

*Transportation and Marketing of Wheat.*—Canadian wheat marketed overseas incurs a great variety of expenses, including freight charges, commissions, inspection fees, insurance, dealers' profits, loading, unloading, etc. An investigation carried out for the year 1923 by the Internal Trade Branch of the Dominion Bureau of Statistics has ascertained what these expenses amount to, on the basis of the