

has been spent in litigation over water rights than upon actual irrigation development.

The Canadian irrigation laws and their administration are acknowledged by the leading irrigation experts of the continent to approach perfection as nearly as possible. The United States Department of Agriculture, in Bulletin 96 of that Department, recommends the Canadian law to the consideration of those whose duty it will be to prepare irrigation laws in the future for use in those States where irrigation is practiced or is likely to be practiced. Under these laws the waters of Alberta being recognized as the property of the Crown, the title given for a water right is equal to and as good as is the title given for land. During the ten years irrigation has been practiced in Alberta there has not been a single law suit involving water rights.

Crop Statistics

Comparative Statement of Yields of Grain from Government Returns.

State.		1902	1903	1904	1905	1906
Ohio.....	Wheat	17.1	13.7	11.5	17.1	20.14
	Oats	41.1	30.6	40.9	35.8	32.8
	Barley	15.83	11.65	14.30	11.79	13.80
Minnesota.....	Wheat	13.9	13.1	12.8	13.3	10.9
	Oats	39.0	32.3	39.2	37.5	32.5
	Barley	10.58	9.36	9.09	8.64	9.80
Indiana.....	Wheat	16.0	10.0	9.2	18.3	20.7
	Oats	35.4	24.4	33.1	35.3	28.2
	Barley	12.88	11.40	14.02	12.60	15.29
Iowa.....	Wheat	12.7	12.4	11.6	14.2	15.7
	Oats	30.7	24.0	32.0	35.0	33.8
	Barley	9.47	8.42	10.01	7.80	9.90
North Dakota.....	Wheat	15.9	12.7	11.8	14.0	13.0
	Oats	38.4	27.4	37.4	38.9	32.5
	Barley	11.38	7.78	7.87	8.40	8.51
South Dakota.....	Wheat	12.2	13.8	9.6	13.7	13.4
	Oats	34.8	38.6	39.0	39.0	36.4
	Barley	11.10	10.36	8.96	8.70	9.28
Nebraska.....	Wheat	20.9	15.7	13.6	19.4	22.0
	Oats	34.6	29.5	30.7	31.0	29.5
	Barley	10.26	8.78	8.49	8.52	8.68
Kansas.....	Wheat	10.4	11.1	12.4	13.9	15.1
	Oats	33.5	26.2	17.8	27.1	23.6
	Barley	6.08	10.85	7.99	7.04	7.76

State.		1902	1903	1904	1905	1906
Idaho.....	Wheat	22.1	21.1	22.9	28.2	24.4
	Oats	42.1	41.5	39.3	39.4	40.7
	Barley	24.54	17.89	23.56	19.20	20.50
Washington.....	Wheat	22.2	20.3	22.2	24.6	20.8
	Oats	46.2	47.9	44.9	50.0	43.2
	Barley	20.1	18.95	17.05	18.80	17.89
Oregon.....	Wheat	20.0	18.2	19.0	18.6	20.0
	Oats	28.7	33.8	23.1	24.1	33.8
	Barley	16.59	19.59	16.93	16.12	18.20
The United States....	Wheat	14.5	12.9	12.5	14.5	15.5
	Oats	34.5	28.4	32.1	34.0	31.2
	Barley	13.28	12.05	11.40	10.80	11.74
The Calgary District..	Wheat	24.02	23.40	28.67	32.18	26.00
	Oats	39.27	37.41	39.79	43.41	44.56
	Barley	29.80	24.75	31.42	32.01	30.22

Canadian Crop Statistics.

		Wheat:			
		Spring		Winter	Oats Barley
New Brunswick	10 yrs. to 1901—	14.1	14.8	25.8	21.6
Nova Scotia	"	—15.2	13.4	25.8	23.5
Ontario	"	—17.5	19.6	32.6	27.5
Prince Edward I. ...	"	—17.5	—	27.7	23.1
Quebec	"	—14.1	13.7	24.9	24.3
Manitoba	"	—19.3	17.0	18.5	19.1
Saskatchewan	"	—19.88	—	34.98	24.45
Alberta.....	1898 to 1905—	20.69	21.03	35.67	26.50
	1904—1980	18.33	32.58	26.12	
	1905—20.69	21.03	35.67	26.50	
	1906—22.75	23.34	40.82	29.04	
CALGARY DISTRICT	1904—23.22	—	39.79	31.42	
	1905—33.92	32.18	43.41	32.01	
	1906—27.8	26.0	49.0	31.0	

In compiling the foregoing tables, the Calgary District is made up of the comparatively small area contained within a radius of fifty miles of the city of Calgary. And while in one or two instances the yield elsewhere has been slightly larger than in this district, the fact must be borne in mind that in each instance the larger yields have been mostly in highly irrigated sections. It is safe to assume that if irrigation had been largely available in the Calgary District during the years for which statistics are quoted, the yields per acre would very nearly have been doubled, at least, as far as oats and barley are concerned, and a very material increase would also have been apparent in winter wheat.