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ANNUAL REPORT ON FIELD CROPS OF CANADA, 1923.

Ottawa, January 25, 1924. The Dominion Bureau of Statistics issued today the final report on the area, yield, quality and value of the field crops of Canada for the year 1923. The statistics of area, and the estimates of yield and value have been collected and settled in cooperation and agreement with the Provincial Departments of Agriculture and for Quebec with the Quebec Bureau of Statistics under plans followed annually since 1918. The total area under field crops in 1923 was 56,569,794 acres as against 57,189,681 acres in 1922.

SEASON OF 1922-23.

The winter of 1922-23 was of exceptional severity and length, but the proportion of fall sown wheat that was winter-killed did not exceed 7 p.c., as compared with the ten-year average of 16 p.c. The great depth of the snow, whilst protecting crops in the ground, delayed seeding operations, which were very late, especially in Quebec, Ontario and Manitoba. But with plenty of moisture in the ground in most of the provinces, crops progressed rapidly when sown, and with timely rains during June the prospects at the end of that month were very favourable. Rust, excessive heat and attacks of sawfly caused, however, great deterioration in Manitoba during July and August, and also, to a lesser extent, in Saskatchewan; so that the Manitoba wheat crop in the end turned out to be a very poor one in contrast with the excellent one of the previous year. In Saskatchewan the grain harvest was from fair to good, only a small area in the south sharing in extreme the adverse conditions of Manitoba. In Alberta heavy rains at the end of May brought welcome moisture after a long period of drought, and from that time the crops never looked back, and in the end produced the highest yields on record in the history of the province.

AREAS AND YIELDS OF GRAIN CROPS.

The total yield of wheat in Canada for the year 1923 is finally estimated at 474,199,000 bushels from an area of 22,671,864 acres, as compared with 399,786,400 bushels from 22,422,693 acres in 1922 and with 269,233,910 bushels from 20,079,832 acres; the annual averages for the five years 1918-22. The total for 1923 consists of 19,315,000 bushels from 815,706 harvested acres of fall wheat and of 454,884,000 bushels from 21,856,158 sown acres of spring wheat. The total wheat crop of 474,199,000 bushels as now finally estimated is the largest on record for Canada, and compares with 399,786,400 bushels, last year's record crop, and with 393,542,600 bushels, the previous record crop of 1915. The average yield per acre for all wheat in 1923 is 21 bushels, as compared with 17½ bushels in 1922, and with 13½ bushels, the five year average (1918-22), and with 26 bushels, the record for 1915. For fall wheat the average yield per acre in 1923 is 23½ bushels against 21½ bushels in 1922 and 22½ bushels, the five-year average. For spring wheat the average for 1923 is 20½ bushels, as compared with 17½ bushels in 1922 and with 13 bushels, the five-year average. Oats yielded in 1923 the total of 537,733,300 bushels from 13,727,067 acres, as compared with 491,239,000 bushels from 14,541,229 acres in 1922, and with 453,776,220 bushels from 15,416,527 acres, the five-year average. The total for 1923 is the highest on record, the previous record being 530,709,700 bushels in 1920. The average yield per acre is 39¼ bushels, as against 33½ bushels in 1922 and 29½ bushels, the five-year average. Barley yielded the total of 76,997,800 bushels from 2,784,571 acres, as compared with 71,865,300 bushels from 2,599,520 acres in 1922 and with 65,712,318 bushels from 2,749,165 acres, the five year average. The average yields per acre were 27½ bushels in 1923, 27½ bushels in 1922 and 24 bushels, the five-year average. Flaxseed yielded in 1923 7,139,500 bushels from 629,938 acres, as compared with 5,008,500 bushels from 565,479 acres in 1922 and with 5,729,200 bushels from 937,605 acres, the five-year average. The yield per acre was 11.30 bushels in 1923 as against 8.85 bushels in 1922 and 6.10 bushels, the five-year average. For the remaining cereal crops the total yields

THE HISTORY OF THE
CITY OF BOSTON

FROM THE FIRST SETTLEMENT TO THE PRESENT TIME

BY NATHANIEL HATHORN

THE HISTORY OF THE CITY OF BOSTON, FROM THE FIRST SETTLEMENT TO THE PRESENT TIME, BY NATHANIEL HATHORN. This work is a comprehensive and detailed account of the city's history, covering its early settlement, growth, and development. It includes a wealth of information on the city's geography, politics, economy, and culture, as well as a detailed account of its military history. The author, Nathaniel Hathorn, was a prominent figure in the city's history, and his work is considered one of the most important and authoritative sources on the subject. The book is written in a clear and concise style, and is accessible to a wide range of readers. It is a valuable resource for anyone interested in the history of Boston, and is a must-read for anyone who wants to learn more about the city's past.

for 1923 were in bushels as follows, the corresponding totals for 1922 and for the five year average being shown within brackets: Rye 25,231,800 (32,373,400; 16,762,570); peas 2,898,200 (3,170,100; 3,437,576); beans 1,041,700 (1,303,300; 1,722,096); buckwheat 9,743,700 (9,701,200; 9,720,400); mixed grains 29,750,500 (27,707,700; 29,182,700) and corn for husking 15,608,000 (15,798,000; 14,836,500)

ROOT AND FODDER CROPS.

The total yield of potatoes in 1923 was 56,460,000 cwt. from 660,942 acres, as compared with 55,745,300 cwt. from 683,594 acres in 1922 and with 67,660,860 cwt. from 744,801 acres, the five-year average. The average yield per acre in 1923 is 100½ cwt., as compared with 81.55 cwt. in 1922 and with 90¾ cwt., the five-year average. Turnips, mangolds, etc., gave a total of 38,211,600 cwt. from 194,512 acres in 1923, as against 43,973,500 cwt. from 224,256 acres in 1922 and 51,847,640 bushels from 276,910 acres, the five-year average. The yield per acre is 196½ cwt., as compared with 196.10 cwt. in 1922 and with 187½ cwt., the five-year average. Sugar beets produced 216,200 tons in 1923 from 22,450 acres, as against 190,400 tons from 20,725 acres in 1922 and 258,160 tons from 25,576 acres, the five year average. The yield per acre was 9.60 tons in 1923, 9.20 tons in 1922 and 10.10 tons the average. Of hay and clover the total yield was in 1923 14,844,900 tons from 9,725,602 acres, as compared with 14,483,200 tons from 10,001,667 acres in 1922, and with 14,062,660 tons from 10,427,182 acres, the average. The yields per acre were 1.55 ton in 1923, 1.45 ton in 1922 and 1.35 ton, the average. Grain hay yielded 4,556,100 tons from 1,920,432 acres, an average yield per acre of 2½ tons. Of alfalfa the total yield in 1923 was 1,028,600 tons from 391,116 acres, as compared with 806,400 tons from 305,933 acres in 1922, and with 598,598 tons from 246,336 acres, the average. The yield per acre was 2.65 tons in 1923, 2.65 tons in 1922, and 2.45 tons, the average for the five years. Fodder corn yielded 5,320,800 tons from 659,070 acres in 1923, as against 5,879,000 tons from 654,624 acres in 1922 and 5,522,522 tons from 568,567 acres, the five-year average. The yield per acre was 8.10 tons in 1923, 9 tons in 1922 and 9.70 tons, the average for the five years.

GRAIN YIELDS OF THE PRAIRIE PROVINCES.

The total grain yields in the three Prairie Provinces (Manitoba, Saskatchewan and Alberta) are finally estimated as follows: Wheat 452,260,000 bushels from 21,665,276 acres (375,194,000 bushels, 21,223,448 acres in 1922); oats 365,491,800 bushels from 8,372,081 acres (289,660,000 bushels, 8,564,212 acres in 1922); barley 59,778,200 bushels from 2,180,472 acres (53,612,000 bushels, 1,983,292 acres in 1922); rye 20,842,000 bushels from 1,303,210 acres (29,429,000 bushels, 1,926,117 acres in 1922); flaxseed 7,044,800 bushels from 620,172 acres (4,901,700 bushels, 555,043 acres in 1922)

QUALITY OF GRAIN CROPS.

The average weights in lb. per measured bushel for all Canada are as follows, the averages for 1922 and for the five years 1918-22 being given within brackets: Fall wheat 60.23 (59.91; 60.24); spring wheat 58.55 (50.31; 58.94); all wheat 58.80 (60.24; 59.25); oats 55.55 (35.68; 34.81); barley 47.19 (47.66; 46.98); rye 54.61 (55.71; 55.38); peas 60.00 (60.08; 59.90); beans 59.09 (59.39; 59.42); buckwheat 47.80 (47.80; 47.55); mixed grains 44.19 (44.33; 44.36); flaxseed 54.63 (55.04; 54.61); corn for husking 55.29 (55.45; 55.36). The weights of wheat and rye are below both those of 1922 and also of the average; but other grains are about equal to the average

VALUES OF FIELD CROPS.

The average prices per unit, as received by farmers in 1923, are estimated from the reports of crop correspondents for all Canada as follows, the corresponding prices for 1922 and for the five-year average 1918-22 are given within brackets: Per bushel: Fall wheat 92 cents (\$1.01; \$1.63); spring wheat 66 cents (84 cents; \$1.36); all wheat 67 cents (85 cents; \$1.37); oats 33 cents (58; 56); barley 42 cents (46; 79); rye 48 cents (58; 91); peas \$1.72 (\$1.84; \$2.47); beans \$2.66 (\$2.85; \$4.33); buckwheat 84 cents (84; \$1.24); mixed grains 59 cents (60; 95); flaxseed \$1.75 (\$1.72; \$2.50); corn for husking 92 cents (83; \$1.18). Per cwt: Potatoes \$1.01 (90 cents; \$1.43); turnips, mangolds, etc. 59 cents (54; 79). Per ton: Hay &

clover \$10.97 (\$13.43; \$19.78); alfalfa \$11.54 (\$12.77; \$18.76); grain
hay \$3.47 (\$12.38 1922); sugar beets \$6.48 (\$7.88; \$10.05).

The total values of field crops in 1923 are estimated as follows,
the corresponding values for 1922 and for the five-year average 1918-22
being given within brackets: Wheat \$316,606,700 (\$339,419,000;
\$369,822,400); oats \$177,704,400 (\$185,455,000; \$252,084,020); barley
\$22,055,700 (\$33,235,300; \$52,223,964); rye \$11,246,900 (\$18,703,200;
\$31,350); peas \$4,987,400 (\$5,818,200; \$8,486,060); beans
\$773,000 (\$3,713,300; \$7,457,280); buckwheat \$8,191,700 (\$8,140,300;
\$12,157,500); mixed grains \$17,654,800 (\$16,500,700; \$27,628,004); flax
seed \$12,517,900 (\$8,638,900; \$14,328,000); corn for husking \$12,466,000;
\$11,509,700; \$17,490,580); potatoes \$57,076,300 (\$50,320,000;
\$96,680,080); turnips, mangolds, etc. \$22,650,100 (\$23,886,000;
\$41,185,960); hay & clover \$162,882,000 (\$194,950,000; \$278,174,180);
alfalfa \$11,872,000 (\$10,295,000; \$11,231,480); grain hay \$15,063,800;
fodder corn \$24,605,000 (\$29,197,600; \$36,279,600); sugar beets
\$1,401,000 (\$1,500,000; \$2,594,340). The aggregate value of all field
crops in 1923 is \$891,755,200, as compared with \$962,293,200 in 1922,
a decrease of \$70,538,000, caused mainly by lower prices applicable
almost to every crop. The hay & clover crop alone however accounts for
a decrease of \$32,058,000, the average price per ton having fallen from
\$13.46 to \$10.97.

Area, Yield, Quality and Value of Field Crops in Canada, 1923.

Field crops	Area	Yield per acre	Total yield	Weight per measur- ed bushel	Aver- age price	Total Value
	acres	bush.	bush.	lb.	\$ per bush.	\$
CANADA -						
Fall wheat 2	815,706	23.75	19,315,000	60.23	0.92	17,850,900
Spring wheat 21	853,156	20.75	454,884,000	58.55	0.66	298,755,800
All wheat 22	671,864	21.00	474,199,000	58.80	0.67	316,606,700
Oats 13	727,067	39.25	537,733,300	35.55	0.33	177,704,400
Barley 2	784,571	27.75	76,997,800	47.19	0.42	32,055,700
Fall rye 1	097,982	16.25	17,769,000	54.52	0.48	8,574,200
Spring rye	350,160	15.50	5,462,800	54.68	0.49	2,672,700
All rye 1	448,142	16.00	23,231,800	54.61	0.48	11,246,900
Peas	169,350	17.00	2,898,200	60.00	1.72	4,987,400
Beans	63,151	16.50	1,041,700	59.09	2.66	2,773,000
Buckwheat	440,121	22.25	9,743,700	47.80	0.84	8,191,700
Mixed grains	843,757	35.25	29,750,500	44.19	0.59	17,654,800
Flaxseed	629,958	11.30	7,139,500	54.63	1.75	12,517,900
Corn, husking	317,729	42.75	13,608,000	55.29	0.92	12,466,000
Potatoes	560,942	100.50	56,460,000	-	1.01	57,076,800
Turnips, etc.	194,512	196.50	38,211,600	-	0.59	22,650,100
Hay & clover	9,725,602	1.55	14,844,900	-	10.97	162,882,000
Grain hay	1,920,452	2.25	4,336,100	-	3.47	15,063,800
Alfalfa	391,116	2.65	1,028,600	-	11.54	11,872,000
Fodder corn	659,070	8.10	5,320,800	-	4.62	24,605,000
Sugar beets	22,450	9.60	216,200	-	6.48	1,401,000
PRINCE EDWARD ISLAND -						
Spring wheat	30,756	15.25	575,000	59.23	1.14	654,800
Oats	167,891	35.00	5,881,100	36.76	0.44	2,564,700
Barley	7,464	27.50	205,000	49.56	0.74	152,500
Peas	199	24.00	4,800	58.00	2.50	12,000
Buckwheat	2,852	28.75	82,300	47.40	0.90	74,400
Mixed grains	17,859	41.25	737,900	43.20	0.57	420,500
Potatoes	31,400	111.50	3,498,000	-	0.65	2,274,000
Turnips, etc.	8,628	255.50	2,204,100	-	0.30	661,000
Hay & clover	240,381	1.35	321,300	-	12.00	3,856,000
Fodder corn	549	5.65	3,100	-	5.00	16,000
NOVA SCOTIA -						
Spring wheat	12,737	18.75	239,000	59.03	1.33	320,300
Oats	113,015	34.25	3,879,000	34.57	0.72	2,803,600
Barley	7,130	29.00	207,100	47.73	1.08	225,000
Spring rye	146	18.75	2,700	56.00	1.00	2,700
Peas	521	18.50	9,600	60.56	2.50	24,000
Beans	1,293	17.25	34,400	59.33	3.00	103,000
Buckwheat	7,952	23.75	188,300	47.67	1.15	216,500
Mixed grains	3,486	34.25	119,000	46.56	0.90	107,000
Potatoes	27,567	120.00	3,311,000	-	1.21	4,014,000
Turnips, etc.	12,382	203.00	2,514,000	-	0.60	1,508,000
Hay & clover	494,547	1.80	890,200	-	12.50	11,128,000
Fodder corn	1,062	10.00	10,600	-	5.00	53,000
NEW BRUNSWICK -						
Spring wheat	14,460	19.00	275,000	59.13	1.67	458,700
Oats	225,695	31.00	7,007,400	35.44	0.56	3,939,100
Barley	5,596	29.75	166,500	48.08	0.98	163,200
Spring rye	100	30.00	3,000	-	1.10	3,300
Peas	1,497	15.25	22,800	59.73	2.66	60,600
Beans	1,851	14.75	27,300	57.94	4.35	118,800
Buckwheat	43,010	25.00	1,076,100	48.19	0.85	909,800
Mixed grains	2,434	29.00	70,600	44.33	0.79	55,800
Potatoes	45,522	132.75	6,043,000	-	1.00	6,023,000
Turnips, etc.	10,799	194.00	2,095,000	-	0.76	1,592,000
Hay & clover	555,105	1.15	638,800	-	11.50	7,346,000
Fodder corn	3,876	10.00	38,800	-	5.00	194,000

	acres	bush.	bush.	lb.	\$	\$
QUEBEC -						
Spring wheat	74,473	16.00	1,194,000	59.00	per bush. 1.47	1,758,000
Oats	1,819,920	26.75	48,545,000	36.00	0.57	28,026,000
Barley	124,771	23.25	2,895,000	47.75	0.91	2,629,000
Spring rye	13,499	15.00	201,000	55.50	1.24	249,700
Peas	40,874	15.25	625,000	60.25	2.63	1,646,000
Beans	15,692	18.75	294,000	59.75	3.09	907,000
Buckwheat	156,031	21.75	3,385,000	48.25	0.96	3,264,000
Mixed grains	112,210	27.25	3,071,000	44.50	0.81	2,486,000
Flaxseed	3,000	8.65	26,000	54.00	2.41	62,700
Corn, husking	32,394	23.00	747,000	55.50	1.54	1,148,000
Potatoes	157,817	cwt. 118.75	cwt. 18,761,000	-	per cwt. 1.02	19,177,000
Turnips, etc.	33,948	193.25	6,563,000	-	0.83	5,425,000
Hay & clover	3,952,301	tons 1.45	tons 5,665,800	-	per ton 11.00	62,297,000
Alfalfa	21,940	2.15	47,200	-	7.50	354,000
Fodder corn	91,283	8.55	782,100	-	4.75	3,708,000
ONTARIO -						
Fall wheat	717,307	bush. 23.10	bush. 16,599,000	60.22	per bush. 0.96	15,902,900
Spring wheat	111,601	17.40	1,938,000	58.61	0.97	1,886,000
All wheat	828,908	23.40	18,537,000	59.59	0.96	17,788,900
Oats	2,967,417	34.90	103,485,000	33.94	0.44	45,850,000
Barley	452,490	29.90	13,523,000	46.93	0.60	8,063,000
Fall rye	123,354	16.50	2,011,000	54.90	0.79	1,592,200
Peas	117,409	17.30	2,031,000	59.96	1.43	2,912,000
Beans	41,127	15.40	634,000	58.28	2.38	1,508,200
Buckwheat	230,276	21.80	5,012,000	47.08	0.74	3,727,000
Mixed grains	648,934	36.80	23,881,000	43.08	0.59	13,970,500
Flaxseed	6,766	10.20	68,700	47.96	1.11	76,200
Corn, husking	285,335	45.00	12,861,000	54.88	0.88	11,318,000
Potatoes	164,682	cwt. 69.75	cwt. 11,479,200	-	per cwt. 1.27	14,559,800
Turnips, etc.	102,091	207.00	21,125,500	-	0.48	10,047,100
Hay & clover	3,596,484	tons 1.60	tons 5,799,400	-	per ton 10.80	62,671,000
Alfalfa	299,610	2.65	788,400	-	11.39	8,980,000
Fodder corn	409,628	8.90	3,651,000	-	4.46	16,284,000
Sugar beets	22,450	9.60	216,200	-	6.48	1,401,000
MANITOBA -						
Spring wheat	2,915,915	bush. 11.25	bush. 32,804,000	54.97	per bush. 0.66	21,651,000
Oats	1,834,504	32.00	58,704,000	34.09	0.29	17,024,000
Barley	1,156,212	22.25	25,726,000	45.20	0.35	9,004,000
Fall rye	284,987	14.00	3,990,000	54.29	0.50	1,995,000
Spring rye	52,541	12.00	630,000	52.94	0.50	315,000
All rye	337,528	13.75	4,620,000	53.77	0.50	2,310,000
Peas	1,062	18.00	19,000	60.00	1.50	28,500
Mixed grains	14,076	22.50	317,000	46.67	0.38	120,000
Flaxseed	139,519	10.00	1,395,000	55.65	1.80	2,511,000
Potatoes	28,524	cwt. 75.00	cwt. 2,139,000	-	per cwt. 0.92	1,968,000
Turnips, etc.	4,987	124.00	618,000	-	0.94	581,000
Hay & clover	243,616	tons 1.50	tons 365,000	-	per ton 8.00	2,920,000
Alfalfa	7,566	2.50	19,000	-	7.80	148,000
Fodder corn	52,323	7.00	226,000	-	4.70	1,062,000
Grain hay	3,690	2.00	7,400	-	3.00	22,300
SASKATCHEWAN -						
Spring wheat	12,791,000	bush. 19.75	bush. 252,622,000	59.20	per bush. 0.65	164,204,000
Oats	4,238,031	45.25	191,810,800	36.45	0.25	47,953,000
Barley	640,402	30.00	19,278,200	47.87	0.35	6,747,000
Fall rye	385,876	14.50	5,601,000	54.49	0.45	2,520,000
Spring rye	185,048	16.75	2,981,000	53.43	0.45	1,341,000
All rye	569,924	15.00	8,582,000	54.94	0.45	3,861,000
Peas	2,000	27.25	55,000	60.00	1.66	91,300
Beans	872	25.00	22,000	60.00	3.00	66,000
Mixed grains	29,494	32.00	944,000	49.10	0.50	283,000
Flaxseed	465,653	11.75	5,483,800	56.00	1.75	9,614,000
Potatoes	47,568	cwt. 92.25	cwt. 4,370,000	-	per cwt. 0.85	3,712,000
Turnips, etc.	5,235	111.75	585,000	-	0.91	532,000
Hay & clover	251,350	tons 1.70	tons 425,100	-	per ton 8.00	3,423,000
Alfalfa	3,072	2.65	16,000	-	9.00	128,000
Fodder corn	61,813	4.95	304,800	-	5.25	1,300,000
Grain hay	3,880	2.50	9,700	-	6.00	77,600

	acres	bush.	bush.	lb.	\$	\$
ALBERTA -						
Fall wheat	84,260	28.00	2,359,000	60.00	0.65	1,534,000
Spring wheat	5,874,101	28.00	164,475,000	61.47	0.65	106,909,000
All wheat	5,958,361	28.00	166,834,000	61.44	0.65	108,443,000
Oats	2,299,546	50.00	114,977,000	38.08	0.24	27,595,000
Barley	382,858	38.50	14,774,000	48.39	0.33	4,889,000
Fall rye	303,765	20.25	6,167,000	55.00	0.40	2,467,000
Spring rye	92,993	15.75	1,473,000	56.27	0.40	589,000
All rye	396,758	19.25	7,640,000	55.59	0.40	3,056,000
Peas	3,306	22.00	73,000	61.00	1.41	103,000
Beans	559	11.00	6,000	-	2.00	12,000
Mixed grains	11,228	41.75	469,000	44.25	0.24	113,000
Flaxseed	15,000	10.40	156,000	55.50	1.63	254,000
Potatoes	39,960	cwt.	cwt.	-	per cwt.	
Turnips, etc.	9,254	119.00	4,759,000	-	0.60	2,846,000
		114.00	1,055,000	-	1.00	1,055,000
Hay & clover	245,178	tons	tons	-	per ton	
Grain hay	1,861,033	1.65	402,000	-	6.00	2,410,000
Alfalfa	38,548	2.25	4,187,000	-	3.00	12,562,000
Fodder corn	53,953	2.70	3,04,000	-	12.00	1,249,000
		4.65	251,000	-	3.00	753,000
BRITISH COLUMBIA -						
Fall wheat	14,139	bush.	bush.	60.38	per bush.	
Spring wheat	31,110	25.25	357,000	1.16		414,000
All wheat	45,249	24.50	762,000	60.00	1.20	914,000
Oats	61,048	24.75	1,119,000	60.14	1.19	1,328,000
Barley	6,648	51.50	3,144,000	34.92	0.62	1,949,000
Spring rye	7,833	33.50	223,000	48.75	0.82	183,000
Peas	2,432	22.00	172,000	54.33	1.00	172,000
Beans	1,057	24.00	58,000	60.67	1.90	110,000
Mixed grains	4,036	23.00	24,000	-	2.40	58,000
Potatoes	18,102	35.00	141,000	-	0.70	99,000
Turnips, etc.	7,188	cwt.	cwt.	-	per cwt.	
		116.00	2,099,800	-	1.23	2,583,000
		202.00	1,452,000	-	0.86	1,249,000
Hay & clover	146,640	tons	tons	-	per ton	
Grain hay	51,823	2.30	337,300	-	20.25	6,831,000
Alfalfa	17,420	2.55	132,000	-	18.20	2,402,000
Fodder corn	4,583	3.10	54,000	-	18.75	1,013,000
		11.65	53,400	-	17.50	935,000

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