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F.J. Horning, B.A., F.S.S.

FIELD CROPS OF CANADA

Ottawa, September 10, 1929, 4 p.m. The Dominion Bureau of Statistics issues to-day, under the authority of the Hon. James Malcolm, M.P., Minister of Trade and Commerce, a Bulletin reporting for 1929, (1) the preliminary estimate of the yields of the principal grain crops and (2) the condition and forecast of the yields of late sown crops. The report is based upon the returns of a numerous corps of crop correspondents, including practical farmers throughout Canada, bank and elevator managers and railway agents in the Prairie Provinces. A special return was also received for this report from a large list of selected agriculturists, in addition to those already co-operating as regular crop correspondents, and from rural Postmasters in the Prairie Provinces. In all cases, estimates of yield were based on total acreages sown. The areas used for the preliminary estimate of the principal grain yields are as obtained in June last through the rural schools and post offices for wheat, oats, barley, rye and flaxseed in the Prairie Provinces and for all crops in the three Atlantic Provinces and Ontario. For Quebec and British Columbia, the areas are as estimated from the returns of crop correspondents at the end of June last.

Although the spring was cold and backward, larger areas were seeded by the end of April than in the two previous years. Germination and growth in April and early May were slow but warm weather with rains brought the crops to about average condition at the end of May. In June drought set in and the condition of the crops deteriorated steadily on account of the abnormally hot weather and continued absence of rain. During the later part of August, however, conditions improved and prospects are now better than they were a month ago. The present results also show the ability of the Canadian crops to withstand drought and heat to a very considerable degree. The quality of the crops is high - threshing and inspection returns showing many good grades of wheat.

Present indications point to the harvesting of a wheat crop of 293,792,000 bushels, as compared with 566,726,000 bushels in 1928, the record crop to date. While the areas sown to wheat this year was greater than last, weather conditions were such that the yield of all grains is disappointingly small. The yield of wheat is the smallest since 1924 when 262,097,000 bushels were harvested.

GENERAL CONDITIONS DURING AUGUST

Atlantic Provinces. - While the unusual dryness of the summer has affected yields, fair growth has been made and grains are generally well-filled although sometimes short in straw. Recent showers have done good, especially to roots and pastures. The pooriness of the latter is shown in a decreased milk production. Potatoes are below average.

Quebec. - Crops are, in general, more satisfactory than was at first anticipated. August has been cool and dry in some parts of the province, and wet in others. Grain crops have a good appearance, but are ripening slowly and unevenly. Harvesting is generally not well advanced, but is now progressing under favourable conditions. A few districts in the southern part of the province received heavy rains which have been detrimental to the crops in the lowlands. Elsewhere, late showers were beneficial to pastures, corn and potatoes. A warm, sunny September is hoped for throughout the province.

Ontario. - A wet spring followed by prolonged drought has resulted in lightened yields. Early sown crops are superior to later sowings. Although much of the grain is short in straw, it appears generally to be of good quality. The weather has been favourable for the harvesting of all crops. Roots, corn and pasture are in particular need of rain, as is the land to be ploughed for fall wheat in Western Ontario.

Manitoba.- Grains ripened rapidly on account of the hot, dry weather and by the end of August cutting and threshing was completed over large areas. Difficulty has been experienced in cutting with the binder owing to short straw. Yields vary widely - well-worked summer fallow giving very fair yields, while yields on other land are extremely poor, even in some districts complete failures. Threshing shows some good grades of wheat. While a few scattered showers have been of benefit locally, pastures are very poor and creeks and sloughs are drying up. Potatoes will be a small crop. Ploughing is difficult owing to drought.

Saskatchewan.- The weather in August was generally dry and hot. Harvesting operations proceeded with little interruption and over 80 percent of the crop was cut and 20 percent threshed at the end of the month. Threshing, however, was much more advanced in the southern districts than in the northern districts. Pastures were generally reported short.

Alberta.- Favourable weather has prevailed for harvesting. A large proportion of the grain was cut and threshing was progressing in several districts by the end of the month. Some fairly good yields were being realized in the south and more particularly in the north where more rains fell. In central districts yields are very low. The quality of the grain already threshed is generally reported as good. Damage from frost has been slight. Pastures are very bare.

British Columbia.- Due to recent rains, root crops have shown some improvement. Grain crops on the whole are of good quality and yields have exceeded expectations. Hop picking in full swing and crop will considerably exceed that of last year. All fruits sizing and colouring well.

PRELIMINARY ESTIMATE OF GRAIN YIELDS

For all Canada the average yields per acre in bushels are as follows, last year's final figures being given within brackets: Fall wheat 26.5 (24.5); spring wheat 11.1 (23.5); all wheat 11.6 (23.5); oats 22.8 (34.4); barley 18.0 (27.9); fall rye 15.3 (17.3); spring rye 12.5 (17.6); all rye 14.4 (17.4); flaxseed 5.7 (9.6). The total yields in bushels, based upon these averages and on the areas sown, are as follows with last year's final estimates within brackets: Fall wheat 22,066,000 (20,054,000); spring wheat 271,726,000 (546,672,000); all wheat 293,792,000 (566,726,000); oats 284,588,000 (452,153,000); barley 106,201,000 (136,391,400); fall rye 10,189,000 (10,378,000); spring rye 4,102,500 (4,239,700); all rye 14,291,500 (14,617,700); flaxseed 2,159,000 (3,614,400).

GRAIN YIELDS OF THE PRAIRIE PROVINCES

For the three Prairie Provinces, the preliminary estimates of total production, as compared with the finally estimated production of 1928 as given within brackets, are, in bushels, as follows: Wheat 269,471,000 (544,598,000); oats 142,912,000 (297,676,000); barley 83,858,000 (112,684,000); rye 13,017,000 (13,158,000); flaxseed 2,079,000 (3,519,400). By provinces, the yields in bushels are: Manitoba, wheat 31,248,000 (52,383,000); oats 30,781,000 (53,376,000); barley 38,014,000 (52,569,000); rye 1,368,000 (2,066,000); flaxseed 485,000 (804,400). Saskatchewan, wheat 151,676,000 (321,215,000); oats 68,944,000 (156,043,000); barley 32,983,000 (44,266,000); rye 9,053,000 (8,412,000); flaxseed 1,521,000 (2,654,000). Alberta, wheat 86,547,000 (171,000,000); oats 43,187,000 (88,257,000); barley 12,861,000 (15,849,000); rye 2,596,000 (2,680,000); flaxseed 73,000 (61,000).

CONDITION AND FORECAST OF YIELDS OF LATE SOWN CROPS

The average condition on August 31, 1929, of late sown crops for Canada, expressed numerically in percentage of the ten-year average 1919-28, is reported as follows, the figures within brackets representing in the order given, the condition on July 31, 1929 and on August 31, 1928: Peas 92 (91, 94); beans 96 (98, 95); buckwheat 95 (96, 100); mixed grains 91 (92, 98); corn for husking 87 (94, 90); potatoes 89 (92, 100); turnips, etc. 91 (94, 100); fodder corn 88 (91, 96); sugar beets 90 (97, 95). The condition of alfalfa, August 31, 1929 is 97 and of pasture 88. The figures of condition on August 31, 1929, represented the following forecast of total yields for all Canada, as compared with last year's final estimates in brackets. Bushels - Peas 1,976,300 (2,588,300); beans 1,332,400 (1,170,500); buckwheat 11,385,100 (10,899,300); mixed grains 35,944,000 (39,130,000); corn for husking 5,757,000 (5,241,000). Cwt. - Potatoes 43,762,000 (50,195,000); turnips, etc. 35,311,000 (43,623,000). Tons - Fodder corn 3,379,200 (3,666,400); sugar beets 378,000 (433,000). The revised estimate of the yield of hay and clover is 15,221,000 tons, as compared with 16,515,000 tons last year.

1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed, August 31, 1929, as compared with the Final Estimate of 1928.

Field Crops	1928	1929	1928	1929	1928	1929
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
CANADA -						
Fall wheat	819,028	833,315	24.5	26.5	20,054,000	22,066,000
Spring wheat	23,300,112	24,418,002	23.5	11.1	546,672,000	271,726,000
All wheat	24,119,140	25,251,317	23.5	11.6	566,726,000	293,792,000
Oats	13,136,516	12,473,718	34.4	22.8	452,153,000	284,588,000
Barley	4,830,740	5,899,452	27.9	18.0	136,391,400	106,201,000
Fall rye	599,158	664,193	17.3	15.3	10,378,000	10,189,000
Spring rye	240,407	328,784	17.6	12.5	4,239,700	4,102,500
All rye	839,565	992,977	17.4	14.4	14,617,700	14,291,500
Flaxseed	378,081	381,607	9.6	5.7	3,614,400	2,159,000
P. E. ISLAND -						
Spring wheat	26,099	27,057	19.1	17.8	498,000	482,000
Oats	164,062	170,105	34.1	31.0	5,593,000	5,273,000
Barley	5,179	5,870	28.6	26.0	148,000	153,000
NOVA SCOTIA -						
Spring wheat	6,021	6,056	18.9	19.8	113,800	120,000
Oats	109,163	109,836	33.4	32.3	3,648,000	3,548,000
Barley	9,396	10,868	27.6	27.7	259,600	301,000
Spring rye	113	172	24.0	14.4	2,700	2,500
NEW BRUNSWICK -						
Spring wheat	8,856	8,916	17.8	19.6	157,900	175,000
Oats	209,085	216,530	30.3	29.5	6,339,000	6,388,000
Barley	8,930	9,448	27.6	26.2	246,800	248,000
Spring rye	522	565	17.0	18.3	9,000	10,000
QUEBEC -						
Spring wheat	57,000	56,000	16.3	17.8	929,000	997,000
Oats	1,746,000	1,816,000	23.5	26.0	41,031,000	47,216,000
Barley	128,000	128,000	21.9	24.4	2,803,000	3,123,000
Spring rye	12,000	12,000	15.1	15.4	181,000	185,000
Flaxseed	2,000	2,000	7.9	9.1	16,000	18,000
ONTARIO -						
Fall wheat	693,660	691,662	24.2	27.6	16,766,000	19,090,000
Spring wheat	109,805	106,610	19.9	19.6	2,182,000	2,090,000
All wheat	803,465	798,272	23.6	26.5	18,948,300	21,180,000
Oats	2,659,980	2,335,310	35.1	32.0	93,461,000	74,730,000
Barley	615,433	622,063	32.4	29.3	19,944,000	18,226,000
Fall rye	66,307	52,023	17.1	18.1	1,131,000	942,000
Flaxseed	7,964	5,492	8.5	9.2	67,000	51,000
MANITOBA -						
Spring wheat	2,660,125	2,300,615	19.7	13.6	52,383,000	31,248,000
Oats	1,458,401	1,558,404	36.6	19.8	53,376,000	30,781,000
Barley	1,937,263	2,181,895	27.1	17.4	52,569,000	38,014,000
Fall rye	99,909	60,171	17.3	16.0	1,730,000	963,000
Spring rye	20,313	24,869	16.5	16.3	336,000	405,000
All rye	120,222	85,040	17.2	16.1	2,066,000	1,368,000
Flaxseed	81,789	62,474	9.8	7.8	804,400	485,000
SASKATCHEWAN -						
Spring wheat	13,790,854	14,445,286	23.3	10.5	321,215,000	151,676,000
Oats	4,358,747	4,255,789	35.8	16.2	156,043,000	68,944,000
Barley	1,621,463	2,228,604	27.3	14.8	44,266,000	32,983,000
Fall rye	335,772	452,194	17.8	14.7	5,977,000	6,647,000
Spring rye	135,301	189,444	18.0	12.7	2,435,000	2,406,000
All rye	471,073	641,638	17.9	14.1	8,412,000	9,053,000
Flaxseed	279,414	298,302	9.5	5.1	2,654,000	1,521,000
ALBERTA -						
Fall wheat	110,262	128,253	26.3	20.8	2,900,000	2,668,000
Spring wheat	6,597,264	7,422,962	25.5	11.3	168,100,000	83,879,000
All wheat	6,707,526	7,551,215	25.5	11.5	171,000,000	86,547,000
Oats	2,340,263	1,917,744	37.7	22.5	88,257,000	43,187,000
Barley	545,524	703,704	29.1	18.3	15,849,000	12,861,000
Fall rye	97,170	99,805	15.8	16.4	1,540,000	1,637,000
Spring rye	65,450	95,734	17.4	10.0	1,140,000	959,000
All rye	162,620	195,539	16.5	13.3	2,680,000	2,596,000
Flaxseed	6,182	12,639	9.9	5.8	61,000	73,000

Field Crops	1928 acres	1929 acres	1928 bush. per acre	1929 bush. per acre	1928 bush.	1929 bush.
BRITISH COLUMBIA -						
Fall wheat	15,106	13,400	25.7	23.0	388,000	308,000
Spring wheat	44,088	44,500	24.8	23.8	1,093,000	1,059,000
All wheat	59,194	57,900	25.0	23.6	1,481,000	1,367,000
Oats	90,815	94,000	48.5	48.1	4,405,000	4,521,000
Barley	9,552	9,000	32.0	32.4	306,000	292,000
Spring rye	6,708	6,000	20.3	22.5	136,000	135,000
Flaxseed	732	700	16.0	15.7	12,000	11,000

II.- Harvest Forecast of Yield of Late Sown Crops as indicated by Condition on August 31, 1929, and as compared with the Final Estimate of 1928.

NOTE:- For condition, 100 = average yield per acre 1919-28.

Field Crops	Average Yield per acre 1919-28	Con-dit-ion Aug. 31 1929	Indi-cated Yield per acre 1929	Area Sown 1929	Final Estimate 1928	Forecast of Yield 1929
	Bush.	p.c.	bush.	acres	bush.	bush.
CANADA -						
Peas	17.2	92	16.0	123,861	2,588,300	1,976,300
Beans	16.8	96	15.9	84,008	1,170,500	1,332,400
Buckwheat	22.9	95	21.6	528,233	10,899,300	11,385,100
Mixed Grains	35.2	91	32.6	1,101,697	39,130,000	35,944,000
Corn, husking	45.3	87	38.6	149,000	5,241,000	5,757,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	90.3	89	80.2	545,933	50,195,000	43,762,000
Turnips, etc.	190.4	91	177.8	198,596	43,623,000	35,311,000
	tons		tons		tons	tons
Hay and clover 1/	1.47	98	1.44	10,544,407	16,515,000	15,221,000
Fodder corn	8.88	88	7.92	426,808	3,666,400	3,379,200
Sugar beets	9.79	90	8.70	43,464	433,000	378,000
P. E. ISLAND -						
Peas	20.6	102	21.0	211	6,100	4,400
Buckwheat	25.3	102	25.8	3,091	64,400	79,700
Mixed Grains	35.7	99	35.3	28,045	868,000	990,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	103.7	91	94.4	42,500	5,708,000	4,012,000
Turnips, etc.	252.5	96	242.4	11,116	3,027,000	2,695,000
	tons		tons		tons	tons
Hay and clover 1/	1.44	-	1.38	257,188	410,000	355,000
Fodder corn	8.10	99	8.02	580	7,000	4,700
NOVA SCOTIA -						
Peas	19.7	98	19.3	774	11,200	14,900
Beans	16.5	100	16.5	2,461	32,000	41,000
Buckwheat	22.8	96	21.9	8,221	154,600	180,000
Mixed Grains	31.0	97	30.1	4,800	160,000	144,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	103.2	95	98.0	30,783	3,280,000	3,017,000
Turnips, etc.	232.8	91	211.8	15,516	3,877,000	3,286,000
	tons		tons		tons	tons
Hay and clover 1/	1.67	-	1.51	540,841	925,000	817,000
Fodder corn	8.75	95	8.31	1,026	11,000	8,500
NEW BRUNSWICK -						
Peas	14.6	97	14.1	1,753	25,000	25,000
Beans	16.1	102	16.4	1,515	24,000	25,000
Buckwheat	23.7	96	22.8	44,533	1,011,300	1,015,400
Mixed Grains	29.2	97	28.3	4,055	88,000	115,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	116.8	94	109.8	45,215	6,776,000	4,965,000
Turnips, etc.	195.2	94	183.5	13,790	3,707,000	2,530,000
	tons		tons		tons	tons
Hay and clover 1/	1.31	-	1.43	559,203	796,000	800,000
Fodder corn	8.06	91	7.33	3,136	28,000	23,000

1/ Preliminary estimate.

Field Crops	Average Yield Per acre 1919-28	Condition Aug. 31 1929	Indicated Yield per acre 1929	Area Sown 1929	Final Estimate 1928	Forecast of Yield 1929
	bush.	p.c.	bush.	acres	bush.	bush.
QUEBEC -						
Peas	15.3	98	15.0	34,300	508,000	515,000
Beans	17.9	98	17.5	14,300	214,000	250,000
Buckwheat	23.3	98	22.8	169,000	3,819,000	3,853,000
Mixed grains	26.7	100	26.7	121,000	2,892,000	3,231,000
Corn, husking	28.5	94	26.8	29,000	626,000	777,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	97.4	99	96.4	161,000	13,071,000	15,520,000
Turnips, etc.	157.7	101	159.3	34,000	5,549,000	5,416,000
	tons		tons		tons	tons
Hay and clover						
1/	1.40	-	1.42	4,364,000	6,203,000	6,197,000
Fodder corn	8.33	95	7.91	84,000	663,000	664,000
ONTARIO -						
	bush.		bush.		bush.	bush.
Peas	17.9	90	16.1	79,523	1,893,000	1,280,000
Beans	16.3	95	15.5	63,732	873,000	988,000
Buckwheat	22.5	93	20.9	294,388	5,692,000	6,153,000
Mixed grains	37.4	91	34.0	892,897	33,691,000	30,358,000
Corn, husking	48.3	86	41.5	120,000	4,615,000	4,980,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	68.1	88	59.9	148,435	11,875,000	8,891,000
Turnips, etc.	205.0	89	182.5	104,674	24,690,000	19,103,000
	tons		tons		tons	tons
Hay & clover 1/	1.52	-	1.56	3,493,175	5,616,000	5,449,000
Fodder corn	9.74	88	8.67	287,566	2,686,000	2,464,000
Sugar beets	9.85	89	8.77	36,864	380,000	323,000
MANITOBA -						
	bush.		bush.		bush.	bush.
Peas	15.6	81	12.6	1,300	29,000	16,000
Buckwheat	14.2	81	11.5	9,000	158,000	104,000
Mixed grains	24.6	74	18.2	9,900	252,000	180,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	79.3	66	52.3	31,000	2,585,000	1,621,000
Turnips, etc.	103.5	70	72.5	4,500	605,000	326,000
	tons		tons		tons	tons
Hay & Clover 1/	1.74	-	1.12	400,000	853,000	448,000
Fodder corn	6.08	66	4.01	17,000	91,400	68,000
SASKATCHEWAN -						
	bush.		bush.		bush.	bush.
Peas	18.7	72	13.5	1,400	19,000	19,000
Beans	13.9	71	9.9	1,000	10,000	10,000
Mixed grains	28.2	72	20.3	22,000	594,000	447,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	82.5	64	52.8	42,000	3,052,000	2,218,000
Turnips, etc.	108.5	63	68.4	3,000	226,000	205,000
	tons		tons		tons	tons
Hay & Clover 1/	1.54	-	1.04	444,000	821,000	462,000
Fodder corn	4.54	60	2.72	13,000	31,000	35,000
ALBERTA -						
	bush.		bush.		bush.	bush.
Peas	18.2	88	16.0	1,300	21,000	21,000
Beans	14.2	79	11.2	300	3,500	3,400
Mixed grains	30.2	72	21.7	14,000	409,000	304,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	95.7	71	67.9	29,000	2,220,000	1,969,000
Turnips, etc.	121.8	79	96.2	5,000	623,000	481,000
	tons		tons		tons	tons
Hay & Clover 1/	1.30	-	1.21	309,000	493,000	374,000
Fodder corn	4.18	74	3.09	13,500	69,000	42,000
Sugar beets	8.95	93	8.32	6,600	53,000	55,000

1/. Preliminary estimate.

Field Crops	Average Yield per acre 1919-28	Con- dit- ion Aug. 31 1929	Indi- cated Yield per acre 1929	Area Sown 1929	Final Estimate 1928	Forecast of Yield 1929
	bush.	p.c.	bush.	acres	bush.	bush.
BRITISH COLUMBIA -						
Peas	24.3	101	24.5	3,300	76,000	81,000
Beans	21.2	100	21.2	700	14,000	15,000
Mixed Grains	35.0	100	35.0	5,000	176,000	175,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	106.4	91	96.8	16,000	1,628,000	1,549,000
Turnips, etc.	197.1	92	181.3	7,000	1,319,000	1,269,000
	tons		tons		tons	tons
Hay and clover 1/	2.03	-	1.30	177,000	398,000	319,000
Fodder corn	11. 14	90	10.03	7,000	80,000	70,000

1/ Preliminary estimate.

III.- Areas and Yields of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1929.

Province	Unit	Wheat	Oats	Barley	Rye	Flaxseed
Manitoba	acres	2,300,615	1,558,404	2,181,895	85,040	62,474
	bush.	31,248,000	30,781,000	38,014,000	1,368,000	485,000
Saskatchewan	acres	14,445,286	4,255,789	2,228,604	641,638	298,302
	bush.	151,676,000	68,944,000	32,983,000	9,053,000	1,521,000
Alberta	acres	7,551,215	1,917,744	703,704	195,539	12,639
	bush.	86,547,000	43,187,000	12,861,000	2,596,000	73,000
Total	acres	24,297,116	7,731,937	5,114,203	922,217	373,415
	bush.	269,471,000	142,912,000	83,858,000	13,017,000	2,079,000

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