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### FIELD CROPS OF CANADA

Ottawa, September 11, 1928, 4 p.m. The Dominion Bureau of Statistics issues to-day a bulletin reporting for 1928 (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 and bank and elevator managers and railway agents in the Prairie Provinces. The areas used for the preliminary estimate of the principal grain yields are as obtained in June last through the rural schools for wheat, oats, rye, barley 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.

The crop season in Western Canada has on the whole been an unusually favourable one throughout. Although work on the land commenced somewhat late, fine, dry weather in May proved ideal for seeding and increased acreages were sown on an excellent seed bed. In June rains fell and the crops made rapid sturdy growth. Weather conditions continued favourable throughout July and August for the development of grains except in parts of Saskatchewan and Alberta where repeated frosts occurred towards the end of August. Considerable damage was doubtless sustained, more particularly in the grades, although reduced yields will also result. The extent of the damage is difficult to estimate till the grain is threshed. Harvesting weather has been generally favourable and with sufficient labour work has advanced satisfactorily. Good weather is still required for the completion of harvesting and threshing operations. Damage from frost is still possible.

Present indications point to the harvesting of the largest wheat crop ever reaped in Canada, amounting to 550,482,000 bushels. For the first time the wheat crop has passed the half billion mark. The largest crop in any former year amounted to 474,199,000 bushels in 1923. The area sown to wheat this year is also the largest on record, viz. 24,114,846 acres an increase of 1,554,692 acres over 1927. Barley also gives the highest yield on record, showing 144,875,000 bushels from 4,879,588 acres, as compared with a previous record of approximately 100,000,000 bushels in 1926. The yield of oats, 474,242,000 bushels is distinctly better than the average of recent years.

### GENERAL CONDITIONS DURING AUGUST

Atlantic Provinces.- During the past month, the weather has generally been favourable for the growth of all crops, except in New Brunswick where there has been much rain. The growth of straw is heavy and accompanied by lodging in many fields. Harvesting is practically completed in Prince Edward Island. The potato crop should be very good except where blight has occurred in a few localities. Haying is completed in Nova Scotia, and the crop cured in good condition.

Quebec.- The weather has been very favourable for growth since August 15, which has improved the crops greatly. Cutting should be well under way very shortly if the weather remains fine. Rust is mentioned as appearing on oats. Some lodging has also occurred. Haying is now completed. The outlook is quite promising.

Ontario.- A great deal of the grain, particularly oats, was lodged which has made the harvesting difficult. In some instances, yields have not turned out as evidenced from the heavy growth of straw. Rust has appeared on late sown oats especially low land. Barley is a very fine crop. Cutting is completed and harvesting has commenced. Hay-making was difficult on account of the weather. The corn crop has made a rapid recovery in many countries with the present fine weather. Fall ploughing is well advanced in western Ontario.

Manitoba.- Harvesting is well advanced throughout the province. Threshing is general in some districts, but in others, has been delayed owing to the wet weather. Frosts have occurred in many parts which have mostly affected late sown grain, garden stuff, corn and potatoes. Most localities have very satisfactory crops, well above average, although crops on low-lying lands are not so good.

Saskatchewan.- Weather during early August was favourable for ripening the crops. Frosts beginning August 22 and continuing several nights caused considerable loss in grades and also reduced the yield. Some districts report threshed samples showing sufficient green kernels, resulting from uneven maturity, to affect the grade. Cutting was well under way at the end of August with about 65 per cent of the wheat cutting completed.

Alberta.- Harvesting operations are well advanced in many districts and heavy yields are looked for. Frosts did considerable damage in some districts, late grains being most likely to suffer. Livestock are in good condition. There will be an abundance of feed.

British Columbia.- Grain yields appear to be average or above average. The condition of late sown crops is satisfactory.

#### 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 26.1 (26.1); spring wheat 22.7 (19.3); all wheat 22.8 (19.5); oat 36.1 (33.2); barley 29.7 (27.7); fall rye 20.3 (20.4); spring rye 19.7 (19.3); all rye 20.1 (20.1); flaxseed 11.1 (10.3). 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 21,344,000 (22,266,000); spring wheat 529,138,000 (417,758,700); all wheat 550,482,000 (440,024,700); oats 474,242,000 (439,712,700); barley 144,875,000 (96,938,000); fall rye 12,137,000 (11,574,000); spring rye 4,742,000 (3,376,600); all rye 16,879,000 (14,950,600); flaxseed 4,195,500 (4,384,600).

#### 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 1927 as given within brackets are, in bushels, as follows: Wheat 527,332,000 (414,919,000); oats 311,174,000 (269,453,000); barley 121,089,000 (75,846,000); rye 15,318,000 (13,287,000); flaxseed 4,072,500 (4,773,000). By provinces the yields in bushels are: Manitoba, wheat 56,395,000 (30,773,000); oats 55,711,000 (25,767,000); barley 53,468,000 (36,717,000); rye 2,444,000 (2,215,000); flaxseed 937,500 (1,198,000). Saskatchewan, wheat 300,641,000 (212,360,000); oats 153,428,000 (142,526,000); barley 49,455,000 (27,129,000); rye 9,139,000 (7,941,000); flaxseed 3,074,000 (3,373,000). Alberta, wheat 170,296,000 (171,286,000); oats 102,035,000 (101,160,000); barley 18,166,000 (12,000,000); rye 3,735,000 (3,131,000); flaxseed 61,000 (202,000).

#### CONDITION AND FORECAST OF YIELDS OF LATE SOWN CROP

The average condition on August 31, 1928 of late sown crops for Canada, expressed numerically in percentage of the ten-year average 1918-27, is reported as follows, the figures within brackets representing in the order given the condition on July 31, 1928 and on August 31, 1927: Peas 94 (99, 98); beans 95 (97, 95); buckwheat 100 (101, 95); mixed grains 98 (103, 100); corn for husking 90 (91, 80); potatoes 100 (102, 97); turnips, etc. 100 (101, 97); fodder corn 96 (95, 87); sugar beets 95 (98, 99). The condition for alfalfa, August 31, 1928 is 100, and for pasture 104. The figures of condition for August 31, 1928, represented the following forecast of total yields for all Canada, as compared with last year's final estimates in brackets: Bushels - Peas 2,552,000 (2,794,300); beans 1,074,300 (1,037,300); buckwheat 11,351,000 (10,890,000); mixed grains 39,523,000 (37,621,500); corn for husking 5,732,000 (4,262,000). Cwt: Potatoes 53,488,000 (46,458,000); turnips, etc. 39,160,000 (37,248,000). Tons: fodder corn 3,828,000 (3,547,500); sugar beets 483,000 (391,000). The revised estimate of the yield of hay and clover is 17,276,000 tons as compared with 17,370,000 tons last year.

1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed, August 31, 1928, as compared with the Final Estimate of 1927.

Field Crops	1927	1928	1927	1928	1927	1928
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
<u>CANADA -</u>						
Fall wheat	853,258	818,422	26.1	26.1	22,266,000	21,344,000
Spring wheat	21,606,896	23,296,424	19.3	22.7	417,758,700	529,138,000
All wheat	22,460,154	24,114,846	19.5	22.8	440,024,700	550,482,000
Oats	13,239,963	13,134,701	33.2	36.1	439,712,700	474,242,000
Barley	3,505,713	4,879,588	27.7	29.7	96,938,000	144,875,000
Fall rye	568,332	599,158	20.4	20.3	11,574,000	12,137,000
Spring rye	174,979	240,899	19.3	19.7	3,376,600	4,742,000
All rye	743,311	840,057	20.1	20.1	14,950,600	16,879,000
Flaxseed	475,852	378,249	10.3	11.1	4,884,600	4,195,500
<u>P.E. ISLAND -</u>						
Spring wheat	29,381	26,099	14.4	19.3	424,000	504,000
Oats	162,001	164,062	27.2	34.8	4,412,000	5,709,000
Barley	5,081	5,179	24.0	31.8	122,000	165,000
<u>NOVA SCOTIA -</u>						
Spring wheat	6,996	6,021	18.1	21.8	126,700	131,000
Oats	111,534	109,163	33.4	35.6	3,727,700	3,886,000
Barley	7,718	9,396	27.3	28.3	211,000	271,000
Spring rye	126	113	13.0	17.0	1,600	2,000
<u>NEW BRUNSWICK -</u>						
Spring wheat	9,871	8,856	14.4	23.3	142,000	206,000
Oats	203,536	209,085	25.7	30.9	5,227,000	6,461,000
Barley	6,387	8,930	23.0	30.7	147,000	274,000
Spring rye	359	522	20.0	17.0	7,000	9,000
<u>QUEBEC -</u>						
Spring wheat	61,000	57,000	17.2	18.1	1,049,000	1,032,000
Oats	1,782,000	1,746,000	28.4	26.1	50,609,000	45,571,000
Barley	125,000	128,000	24.7	22.3	3,088,000	2,854,000
Spring rye	12,200	12,000	17.5	17.2	214,000	206,000
Flaxseed	2,400	2,000	11.4	9.2	27,000	18,000
<u>ONTARIO -</u>						
Fall wheat	751,377	693,660	25.9	25.3	19,448,000	17,550,000
Spring wheat	119,580	109,805	20.1	20.8	2,408,000	2,284,000
All wheat	870,957	803,465	25.1	24.7	21,856,000	19,834,000
Oats	2,689,295	2,659,980	37.9	36.5	101,914,000	97,089,000
Barley	514,802	615,433	33.5	32.4	17,238,000	19,940,000
Fall rye	72,323	66,307	17.8	18.0	1,289,000	1,194,000
Flaxseed	7,080	7,964	9.6	11.4	68,000	91,000
<u>MANITOBA -</u>						
Spring wheat	2,195,377	2,660,125	14.0	21.2	30,773,000	56,395,000
Oats	1,544,511	1,458,401	16.7	38.2	25,767,000	55,711,000
Barley	1,512,457	1,937,263	24.3	27.6	36,717,000	53,468,000
Fall rye	113,270	99,909	16.9	20.7	1,909,000	2,068,000
Spring rye	23,098	20,313	13.2	18.5	306,000	376,000
All rye	136,368	120,222	16.2	20.3	2,215,000	2,444,000
Flaxseed	122,179	81,789	9.8	11.5	1,198,000	937,500
<u>SASKATCHEWAN -</u>						
Spring wheat	12,979,279	13,790,854	16.4	21.8	212,860,000	300,641,000
Oats	4,412,556	4,358,747	32.3	35.2	142,526,000	153,428,000
Barley	925,889	1,621,463	29.3	30.5	27,129,000	49,455,000
Fall rye	288,450	335,772	22.5	19.4	6,490,000	6,514,000
Spring rye	69,765	135,301	20.8	19.4	1,451,000	2,625,000
All rye	358,215	471,073	22.2	19.4	7,941,000	9,139,000
Flaxseed	330,675	279,414	10.2	11.0	3,373,000	3,074,000
<u>ALBERTA -</u>						
Fall wheat	86,000	110,262	27.5	30.7	2,365,000	3,385,000
Spring wheat	6,165,000	6,597,264	27.4	25.3	168,921,000	166,911,000
All wheat	6,251,000	6,707,526	27.4	25.4	171,286,000	170,296,000
Oats	2,248,000	2,340,263	45.0	43.6	101,160,000	102,035,000
Barley	400,000	545,524	30.0	33.3	12,000,000	18,166,000
Fall rye	94,289	97,170	20.0	24.3	1,886,000	2,361,000
Spring rye	62,258	65,450	20.0	21.0	1,245,000	1,374,000
All rye	156,547	162,620	20.0	23.0	3,131,000	3,735,000
Flaxseed	12,597	6,182	16.0	9.8	202,000	61,000

Field Crops	1927	1928	1927	1928	1927	1928
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
<b>BRITISH COLUMBIA -</b>						
Fall wheat	15,881	14,500	28.5	28.2	453,000	409,000
Spring wheat	40,412	40,400	26.1	25.6	1,055,000	1,034,000
All wheat	56,293	54,900	26.8	26.3	1,508,000	1,443,000
Oats	86,530	89,000	50.5	48.9	4,370,000	4,352,000
Barley	8,379	8,400	34.1	33.6	286,000	282,000
Spring rye	7,173	7,200	21.2	20.9	152,000	150,000
Flax	921	900	18.0	16.1	16,600	14,000

11.- Forecast of Yield of Late Sown Crops, as indicated by Condition on August 31, 1927, and as compared with the Final Estimate of 1927.

NOTE.- For condition, 100 = average yield per acre 1918-27

Field Crops	Average yield per acre 1918 - 27	Con- dit- ion Aug. 31 1927	Indi- cated Yield per acre 1928	Area Sown 1928	Final Estimate 1927	Forecast of Yield 1928
	bush.	p.c.	bush.	acres	bush.	bush.
<b>CANADA -</b>						
Peas	17.4	94	16.5	154,592	2,794,300	2,552,000
Beans	16.5	95	15.3	70,220	1,037,300	1,074,300
Buckwheat	22.8	100	22.7	500,883	10,890,000	11,331,000
Mixed Grains	35.5	98	35.7	1,115,452	37,621,500	39,523,000
Corn husking	46.8	90	41.2	139,192	4,262,000	5,732,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	90.4	100	89.1	500,355	46,458,000	53,442,000
Turnips, etc.	188.0	100	193.5	202,407	37,246,000	39,150,000
	tons		tons		tons	tons
Hay and clover 1/	1.45	-	1.68	10,266,570	17,370,000	17,275,000
Fodder corn	8.98	96	8.71	439,346	3,547,500	3,825,000
Sugar beets	10.01	95	9.42	51,294	391,000	415,000
<b>N. B. ISLAND -</b>						
	bush.		bush.		bush.	bush.
Peas	19.3	102	19.7	244	3,900	5,000
Buckwheat	25.0	102	25.5	2,841	54,000	73,000
Mixed grains	36.2	104	37.6	23,509	676,000	884,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	102.7	103	105.8	51,890	4,418,000	5,490,000
Turnips, etc.	251.7	102	256.7	11,422	2,562,000	2,932,000
	tons		tons		tons	tons
Hay and clover 1/	1.43	-	1.47	254,597	372,000	374,000
Fodder corn	7.55	101	7.63	630	5,000	5,000
<b>NOVA SCOTIA</b>						
	bush.		bush.		bush.	bush.
Peas	19.6	103	20.2	599	11,000	12,000
Beans	16.4	102	16.7	1,951	27,000	33,000
Buckwheat	23.0	100	23.0	7,145	150,000	164,000
Mixed grains	31.2	103	32.1	4,539	137,500	145,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	104.4	102	106.5	30,865	2,680,000	3,268,000
Turnips, etc.	226.6	99	224.3	15,852	3,041,000	3,550,000
	tons		tons		tons	tons
Hay and clover 1/	1.64	-	1.93	527,612	800,000	1,018,000
Fodder corn	8.80	99	8.71	971	9,500	8,000
<b>NEW BRUNSWICK</b>						
	bush.		bush.		bush.	bush.
Peas	14.5	99	14.4	1,562	22,000	22,000
Beans	16.0	97	15.5	1,416	21,000	22,000
Buckwheat	23.3	99	23.1	42,594	912,000	964,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	113.5	102	115.3	52,239	4,204,000	6,049,000
Turnips, etc.	186.3	97	180.7	13,673	2,132,000	2,507,000
	tons		tons		tons	tons
Hay and clover 1/	1.33	-	1.57	554,850	712,000	871,000
Fodder corn	7.73	99	7.65	3,332	27,000	25,000
	bush.		bush.		bush.	bush.
Mixed grains	29.7	101	30.0	3,117	65,000	94,000

Field Crops	Average Yield Per acre 1918-27	Condi- tion Aug. 31 1928	Indi- dated Yield per acre 1928	Area Sown 1928	Final Estimate 1927	Forecast of Yield 1928
	bush.	p.c.	bush.	acres	bush.	bush.
<b>QUEBEC -</b>						
Peas	15.4	98	15.1	35,000	569,000	529,000
Beans	17.7	99	17.5	14,000	230,000	245,000
Buckwheat	23.0	102	23.5	169,000	3,737,000	3,972,000
Mixed grains	27.0	101	27.2	119,000	3,171,000	3,237,000
Corn, husking	28.1	99	27.8	29,000	629,000	806,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	97.6	100	97.6	164,000	14,175,000	16,006,000
Turnips, etc.	155.5	101	157.1	34,000	5,168,000	5,341,000
	tons		tons		tons	tons
Hay & clover 1/	1.41	-	1.69	4,278,000	6,778,000	7,230,000
Fodder corn	8.26	98	8.09	83,000	680,000	671,000
<b>ONTARIO -</b>						
	bush.	p.c.	bush.	acres	bush.	bush.
Peas	18.2	92	16.7	109,887	2,036,000	1,835,000
Beans	15.7	93	14.6	50,953	725,000	744,000
Buckwheat	22.5	99	22.3	271,243	5,893,000	6,049,000
Mixed grains	38.1	98	37.3	905,693	31,919,000	33,782,000
Corn, husking	50.2	89	44.7	110,192	3,633,000	4,926,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	68.5	98	67.1	181,241	9,297,000	12,161,000
Turnips, etc.	205.7	100	205.7	107,360	21,617,000	22,084,000
	tons		tons		tons	tons
Hay & clover 1/	1.49	-	1.52	3,380,411	6,132,000	5,138,000
Fodder corn	9.85	96	9.46	299,307	2,491,000	2,831,000
Sugar beets	10.08	94	9.48	45,294	336,000	429,000
<b>MANITOBA -</b>						
	bush.		bush.		bush.	bush.
Peas	15.3	100	15.3	900	21,000	14,000
Buckwheat	13.6	100	13.6	8,000	114,000	109,000
Mixed grains	25.2	101	25.5	9,000	193,000	230,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	83.1	99	82.3	27,700	2,324,000	2,280,000
Turnips, etc.	105.3	97	102.1	3,900	378,000	398,000
	tons		tons		tons	tons
Hay & clover 1/	1.65	-	2.46	385,000	816,000	947,000
Fodder corn	6.14	96	5.89	17,000	109,000	100,000
<b>SASKATCHEWAN -</b>						
	bush.	p.c.	bush.	acres	bush.	bush.
Peas	19.2	97	18.6	2,000	35,000	37,000
Beans	14.6	93	13.6	900	13,000	12,000
Mixed grains	27.6	98	27.0	30,200	799,000	815,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	81.9	99	81.1	44,000	3,849,000	3,568,000
Turnips, etc.	111.0	97	108.0	3,000	333,000	324,000
	tons		tons		tons	tons
Hay & clover 1/	1.44	-	1.90	418,000	778,000	794,000
Fodder corn	4.71	88	4.14	15,000	69,000	62,000
<b>ALBERTA -</b>						
	bush.		bush.		bush.	bush.
Peas	18.4	100	18.4	1,300	25,000	24,000
Beans	14.8	96	14.2	300	4,100	4,300
Mixed grains	28.6	105	30.0	15,300	475,000	459,000
	cwt.		cwt.		cwt.	cwt.
Potatoes	90.7	100	90.7	31,100	3,241,000	2,821,000
Turnips, etc.	118.2	100	118.2	6,000	558,000	709,000
	tons		tons		tons	tons
Hay & clover 1/	1.20	-	1.83	293,000	599,000	536,000
Fodder corn	4.12	96	3.96	13,500	82,000	53,000
Sugar beets	8.98	100	8.98	6,000	55,000	54,000

Field Crops	Average Yield per acre 1918-27	Condition Aug. 31 1927	Indicated Yield per acre 1928	Area Sown 1927	Final Estimate 1927	Forecast of Yield 1928
	bush.		bush.		bush.	bush.
<u>BRITISH COLUMBIA</u> -						
Peas	24.0	99	23.8	3,100	72,000	74,000
Beans	20.5	101	20.7	700	17,000	14,000
Mixed grains	33.9	102	34.6	5,100	186,000	176,000
Potatoes	cwt. 109.8	96	cwt. 105.4	17,500	cwt. 2,270,000	cwt. 1,845,000
Turnips, etc.	198.9	94	187.0	7,000	1,459,000	1,309,000
Hay & clover 1/	tons 2.00	-	tons 2.10	175,000	tons 383,000	tons 368,000
Feed corn	11.00	101	11.11	6,600	75,000	73,000

1/ Preliminary estimate.

111. Areas and Yields of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1928.

Province	Unit	Wheat	Oats	Barley	Rye	Flaxseed
Manitoba	acres	2,660,125	1,458,401	1,937,263	120,222	81,789
	bush.	56,395,000	55,711,000	53,468,000	2,444,000	937,500
Saskatchewan	acres	17,790,854	4,358,747	1,621,463	471,073	279,414
	bush.	300,641,000	153,428,000	49,455,000	9,139,000	3,074,000
Alberta	acres	6,707,526	2,340,263	545,524	162,620	6,182
	bush.	170,296,000	102,035,000	18,166,000	3,735,000	61,000
Total	acres	23,158,505	8,157,411	4,104,250	753,915	367,385
	bush.	527,332,000	311,174,000	121,089,000	15,318,000	4,072,500

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