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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

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FIELD CROPS OF CANADA

Ottawa, November 12, 1936, 4 p.m. - The Dominion Bureau of Statistics issues today the second estimate of grain production in Canada. The report is based upon the returns of the regular corps of crop correspondents, including practical farmers throughout Canada and bank managers, railway and elevator agents and rural postmasters 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.

Acreages are from the annual June Survey except for the Prairie Provinces, where preliminary figures from the quinquennial census of 1936 are used.

YIELDS OF PRINCIPAL GRAIN CROPS, 1936.

The total yields of the principal grain crops in Canada are now estimated, in bushels, as follows, with the 1935 figures within brackets: Wheat 233,500,000 (277,339,000); oats 276,265,000 (394,348,000); barley 72,726,000 (83,975,000); rye 4,368,000 (9,606,000); peas 1,153,000 (1,616,000); beans 833,400 (1,161,400); buckwheat 8,664,000 (7,948,600); mixed grains 34,381,000 (39,534,900); flaxseed 1,779,300 (1,471,600); corn for husking 5,935,000 (7,765,000). The average yields per acre, in bushels, are as follows, with the 1935 averages within brackets: Wheat 9.2 (11.5); oats 21.1 (28.0); barley 16.4 (21.6); rye 6.9 (13.4); peas 12.5 (17.1); beans 13.0 (18.0); buckwheat 21.8 (20.9); mixed grains 29.3 (34.3); flaxseed 3.8 (6.9); corn for husking 36.1 (46.3).

COMPARISONS, FIRST AND SECOND ESTIMATES

There are very few significant changes between the September and November production estimates for the principal grains. The Dominion totals for wheat and oats are slightly higher now than in September, while barley, rye and flaxseed are lower. The greatest change, relative to the size of the crop, is in fall rye. The September wheat estimate of 232,973,000 bushels has been increased by about half a million bushels to 233,500,000 bushels. The increase in fall wheat was 663,000 bushels, partly offset by a decline of 136,000 bushels in spring wheat. The November estimate for oats is about 1.8 million bushels above that of September while the present barley estimate shows a decline of 1.7 million bushels compared with the earlier estimate. The lowering of the fall rye estimate by 590,000 bushels or 16 per cent is the most drastic revision of the September figures. The new flaxseed estimate is reduced only fractionally in comparison with the September figure.

There is little difference between the September and November estimates for grains in the Maritime Provinces. Most of the figures for Prince Edward Island and Nova Scotia are slightly lower, but there are sharply increased estimates for oats and barley in New Brunswick. Quebec and Ontario estimates are changed very slightly. All the November estimates for Manitoba are reduced fractionally, compared with the earlier figures. Apart from considerable decreases in fall rye, the new estimates for Saskatchewan and Alberta are very close to the September figures. Slight upward revisions for the three principal grains are noted in British Columbia.

PRODUCTION OF LATE CROPS

The production estimates for peas, beans, buckwheat, mixed grains and corn for husking are the first made on the 1936 harvests. With the exception of buckwheat, all of these show declines from the 1935 levels. Buckwheat, on an increased acreage, returned a harvest of 8,664,000 bushels compared with 7,948,600 bushels in 1935. Husked corn shows a yield of 5,935,000 bushels compared with 7,765,000 a year ago. A reduction of over 5 million bushels in the production of mixed grain is also noted.

GRAIN YIELDS OF THE PRAIRIE PROVINCES

For the three Prairie Provinces, the second estimate of the yields of the five principal grain crops is, in bushels, as follows, with the 1935 figures in brackets: Wheat 216,000,000 (259,500,000); oats 137,135,000 (244,854,000); barley 53,097,000

(62,625,000); rye 3,290,000 (8,379,000); flaxseed 1,716,000 (1,368,400). By provinces the yields are as follows: Manitoba - Wheat 29,000,000 (22,500,000); oats 20,139,000 (30,700,000); barley 19,376,000 (23,100,000); rye 1,009,000 (1,816,000); flaxseed 396,000 (158,400). Saskatchewan - Wheat 117,000,000 (135,000,000); oats 65,462,000 (131,951,000); barley 16,627,000 (23,149,000); rye 1,489,000 (4,967,000); flaxseed 1,240,000 (1,055,000). Alberta - Wheat 70,000,000 (102,000,000); oats 51,534,000 (82,203,000); barley 17,094,000 (16,376,000); rye 792,000 (1,596,000); flaxseed 80,000 (155,000).

WHEAT PRODUCTION IN THE PRAIRIE PROVINCES

The second estimate of 1936 wheat production in the Prairie Provinces is identical in total with that made in September. A slight reduction in Manitoba is exactly offset by an increase in Alberta, with the Saskatchewan figure remaining unchanged. The extreme earliness of the 1936 crop rendered the first estimate more reliable than usual, since correspondents were able to report on the basis of threshing returns even at that early date.

The acreages used for the September and November estimates are identical, being the result of a preliminary addition of the quinquennial census taken on June 1 of this year. The yields per acre are compiled from schedules returned by 6,665 correspondents in the three provinces. The marketing data up to the end of October were also considered. Having census acreages and practically complete threshing returns to work on, it is felt that the present estimates are more reliable than is usually possible at this date.

MARKETINGS IN THE PRAIRIE PROVINCES

Wheat.- The forcing effect of drought and fine harvest weather combined to place the marketing of the 1936 crop among the earliest on record. Relatively high prices also encouraged deliveries and the total marketings remained above the 1935 level until the tenth week of the new crop year. Then the small size of the crop had its inevitable effect and the total marketings have since been falling steadily behind the level of the previous year. From August 1 to October 30, 1936, total deliveries and platform loadings have amounted to 120,593,749 bushels compared with 146,899,210 bushels in approximately the same period of 1935. Manitoba has marketed 17,117,881 bushels, Saskatchewan 70,506,739 bushels and Alberta 32,969,129 bushels. With prices holding at the highest levels since the middle of 1930 and grades also running high, it is expected that a high proportion of the crop will be marketed. Total marketings from the 1936 crop should approximate 165 to 170 million bushels, if the 1937 acreage remains at the 1936 level and if feed requirements and unmerchantable grain are lower than in 1935-36, as seems probable. Thus it may be calculated that about three-quarters of the marketable surplus from the 1936 crop has already come forward from the farms, with only 45 or 50 million bushels to be delivered in the remaining nine months of the crop year. Last year in the same period, 69.4 million bushels were marketed from a larger and somewhat later harvest.

Coarse Grains.- The country elevator receipts for oats and barley to date do not reflect the lower crop estimates, mainly because relatively high prices have encouraged farmers to market rapidly. This has been particularly true in the case of barley where high premiums for malting types have induced heavy deliveries, almost twice as large as those of the August-October period of 1935. Marketings of rye started early but have now dropped well behind last year's level. The increase of about 400,000 bushels in flaxseed marketings is a reflection of the higher crop estimate.

Country Elevator Receipts of Oats, Barley, Rye and Flaxseed, August 1 to November 1, 1935 and 1936

<u>Grain</u>	<u>1 9 3 5</u> bushels	<u>1 9 3 6</u> bushels
Oats	13,425,951	14,525,610
Barley	8,532,090	16,893,745
Rye	1,603,907	1,019,247
Flaxseed	652,320	1,051,168

Platform loadings of coarse grains (not given separately) up to October 30, 1936 were 1,645,955 bushels compared with 1,585,255 bushels in the same period of 1935.

Production of Other Grains in the Prairie Provinces.

There is a general tendency towards lower estimates for barley, rye and flaxseed, but the changes are slight except in the case of rye. The new estimate for oats is 727,000 bushels above the September figure; an increase in Saskatchewan more than offset reductions in Manitoba and Alberta. A reduction of about 2 million bushels in the barley estimate is noted, spread over the three provinces. Sharply lower figures for fall rye in Saskatchewan and Alberta were largely responsible for a reduction of 597,000 bushels in the estimated rye production. Flaxseed production shows only a minor change downward.

I. Second Estimate of the Area and Yield of Field Crops in Canada, 1936 as compared with 1935.

Field Crops	1935	1936	1935	1936	1935	1936
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
<u>CANADA</u>						
Fall wheat	555,100	509,300	22.7	25.0	12,601,000	12,733,000
Spring wheat	23,560,600	24,779,700	11.2	8.9	264,738,000	220,767,000
All wheat	24,115,700	25,289,000	11.5	9.2	277,339,000	233,500,000
Oats	14,096,200	13,118,400	28.0	21.1	394,348,000	276,265,000
Barley	3,886,800	4,432,500	21.6	16.4	83,975,000	72,726,000
Fall rye	573,700	457,300	13.6	7.0	7,795,000	3,191,000
Spring rye	145,800	177,700	12.4	6.6	1,811,000	1,177,000
All rye	719,500	635,000	13.4	6.9	9,606,000	4,368,000
Peas	94,650	92,500	17.1	12.5	1,616,000	1,153,000
Beans	64,510	64,000	18.0	13.0	1,161,400	833,400
Buckwheat	380,100	398,000	20.9	21.8	7,948,600	8,664,000
Mixed grains	1,152,500	1,172,800	34.3	29.3	39,534,900	34,381,000
Flaxseed	214,400	467,750	6.9	3.8	1,471,600	1,779,300
Corn for husking	167,700	164,400	46.3	36.1	7,765,000	5,935,000
<u>P. E. ISLAND</u>						
Spring wheat	26,000	24,000	16.7	8.9	435,000	215,000
Oats	154,100	154,800	30.7	33.3	4,724,000	5,155,000
Barley	3,700	5,200	24.9	25.2	92,000	131,000
Buckwheat	2,700	3,800	18.9	18.2	51,000	69,000
Mixed grains	23,900	25,700	33.6	37.7	802,000	969,000
<u>NOVA SCOTIA</u>						
Spring wheat	4,200	4,000	16.7	18.0	70,000	72,000
Oats	94,500	96,600	32.9	36.7	3,105,000	3,544,000
Barley	7,700	8,900	27.1	30.2	209,000	269,000
Buckwheat	5,100	5,700	18.9	21.9	96,600	125,000
Mixed grains	5,900	6,400	31.2	37.7	184,000	241,000
<u>NEW BRUNSWICK</u>						
Spring wheat	18,600	16,400	16.9	19.5	314,000	319,000
Oats	215,100	219,900	27.6	34.7	5,938,000	7,633,000
Barley	12,400	13,300	24.9	29.4	308,000	391,000
Beans	1,100	1,200	16.0	15.3	17,600	18,400
Buckwheat	34,200	34,400	18.4	25.9	630,000	890,000
Mixed grains	3,000	3,700	26.6	27.6	79,900	102,000
<u>QUEBEC</u>						
Spring wheat	62,500	56,300	18.1	16.9	1,130,000	951,000
Oats	1,674,400	1,690,200	27.0	28.8	45,161,000	48,678,000
Barley	140,900	153,900	24.8	26.5	3,493,000	4,078,000
Spring rye	6,100	6,300	15.0	17.2	92,000	108,000
Peas	18,600	18,500	15.5	14.5	287,000	268,000
Beans	4,500	4,600	16.2	17.0	72,800	78,000
Buckwheat	147,000	151,400	21.7	23.5	3,187,000	3,558,000
Mixed grains	122,500	128,800	27.3	28.0	3,246,000	3,606,000
Flaxseed	2,500	2,900	10.1	9.1	25,200	26,000
<u>ONTARIO</u>						
Fall wheat	555,100	509,300	22.7	25.0	12,601,000	12,733,000
Spring wheat	98,800	98,000	18.8	17.7	1,857,000	1,735,000
All wheat	653,900	607,300	22.1	23.8	14,458,000	14,468,000
Oats	2,376,700	2,345,900	36.0	29.3	85,561,000	68,735,000
Barley	523,000	519,200	32.2	27.6	16,841,000	14,330,000
Fall rye	59,300	53,200	17.6	16.8	1,044,000	894,000
Peas	68,700	66,800	17.0	11.1	1,168,000	741,000
Beans	57,000	56,300	18.1	12.5	1,032,000	704,000
Buckwheat	186,400	197,000	20.9	20.1	3,896,000	3,960,000
Mixed grains	926,600	953,100	36.5	30.0	33,821,000	28,593,000
Flaxseed	7,400	5,300	10.2	6.5	75,000	34,000
Corn for husking	167,700	164,400	46.3	36.1	7,765,000	5,935,000

Field Crops	1935	1936	1935	1936	1935	1936
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
MANITOBA						
Spring wheat	2,587,000	2,566,000	8.7	11.3	22,500,000	29,000,000
Oats	1,434,000	1,441,000	21.4	14.0	30,700,000	20,139,000
Barley	1,121,000	1,384,000	20.6	14.0	23,100,000	19,376,000
Fall rye	96,000	80,000	17.3	11.0	1,660,000	880,000
Spring rye	11,000	13,000	14.2	9.9	156,000	129,000
All rye	107,000	93,000	17.0	10.8	1,816,000	1,009,000
Peas	1,700	1,600	18.0	13.0	31,000	21,000
Buckwheat	4,700	5,700	18.8	10.8	88,000	62,000
Mixed grains	23,100	10,800	18.5	13.7	427,000	148,000
Flaxseed	17,300	23,000	9.2	4.5	158,400	396,000
SASKATCHEWAN						
Spring wheat	13,206,000	14,596,000	10.2	8.0	135,000,000	117,000,000
Oats	4,942,000	4,610,000	26.7	14.2	131,951,000	65,462,000
Barley	1,146,000	1,299,000	20.2	12.8	23,149,000	16,627,000
Fall rye	292,600	243,500	13.1	4.0	3,833,000	974,000
Spring rye	81,600	83,100	13.9	6.2	1,134,000	515,000
All rye	374,200	326,600	13.3	4.6	4,967,000	1,489,000
Peas	550	500	15.0	6.5	8,000	3,000
Beans	260	250	15.0	8.5	4,000	2,000
Mixed grains	23,300	18,200	19.1	14.0	145,000	255,000
Flaxseed	167,500	354,300	6.3	3.5	1,055,000	1,240,000
ALBERTA						
Spring wheat	7,500,000	7,360,000	13.6	9.5	102,000,000	70,000,000
Oats	3,102,000	2,454,000	26.5	21.0	82,203,000	51,534,000
Barley	1,930,000	1,036,000	17.8	16.5	16,376,000	17,094,000
Fall rye	125,800	80,600	10.0	5.5	1,258,000	443,000
Spring rye	42,300	71,300	8.0	4.9	338,000	349,000
All rye	168,100	151,900	9.5	5.2	1,596,000	792,000
Peas	700	700	17.3	7.5	12,000	5,000
Beans	850	850	16.5	10.0	14,000	9,000
Mixed grains	20,000	21,800	19.0	14.2	380,000	310,000
Flaxseed	19,400	17,000	8.0	4.7	155,000	80,000
BRITISH COLUMBIA						
Spring wheat	57,500	59,000	24.9	25.0	1,432,000	1,475,000
Oats	103,400	106,000	48.4	50.8	5,005,000	5,385,000
Barley	12,100	13,000	33.6	33.1	407,000	430,000
Spring rye	4,800	4,000	19.0	19.1	91,000	76,000
Peas	4,400	4,400	25.0	26.1	110,000	115,000
Beans	800	800	26.5	27.4	21,000	22,000
Mixed grains	4,200	4,300	35.8	36.5	150,000	157,000
Flaxseed	300	250	11.5	13.3	3,000	3,300

II. Area and Second Estimate of the Yields of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1936, as compared with 1935.

Crops	1935	1936	1935	1936
	acres	acres	bush.	bush.
Wheat	23,293,000	24,522,000	259,500,000	216,000,000
Oats	9,478,000	8,505,000	244,854,000	137,135,000
Barley	3,187,000	3,719,000	62,625,000	53,097,000
Rye	649,300	571,500	8,379,000	3,290,000
Flaxseed	204,200	459,300	1,368,400	1,716,000

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