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1950

September Estimate of Production of Principal Field Crops,
including Late-sown Crops, Fodder, Roots and Potatoes

Ottawa, September 14, 1950 (3 p.m.) - The Dominion Bureau of Statistics issues today its second estimate of production of principal field crops together with a first estimate of production of roots and certain late-sown crops. Since the harvest of spring grains as well as late crops is abnormally late this year over much of the country, these estimates should be considered in the nature of forecasts and may be subject to significant revisions in the light of actual harvesting conditions. The yield estimates are based on August 31 reports from crop correspondents and on information supplied through the officials responsible for agricultural statistics in each of the provinces. The acreages seeded to the various crops with certain exceptions, are obtained from the Bureau's annual June 1 survey and include all revisions to date.

It is emphasized that an abnormally low proportion of our western Canadian correspondents' yield reports at August 31 were based on actual threshing returns. Crops were still green in many parts of the prairies and an extended period of dry, frost-free weather was needed to permit full realization of the estimates presented herewith. Similar conditions prevailed relative to late crops in parts of eastern Canada.

Canada's 1950 wheat crop, based on conditions at August 31, is estimated at 490 million bushels. This production is being obtained from a seeded area of 27.5 million acres with an average yield of 18.1 bushels per acre. Oat production is estimated at 415 million bushels, barley at 179, mixed grains at 71, rye at 14.6 million and flaxseed at 4.9 million bushels. The outturn of hay and clover is placed at 12.9 million tons and alfalfa at 3.2 million tons.

The second estimates of production of grain crops are lower than those issued on August 15. Severe frosts which struck Saskatchewan and to a lesser extent Alberta and Manitoba in the ten days following the release of the first estimate were chiefly responsible for the drop in estimated production. Wind and rain storms in some sections of the prairies and snow in the Peace River area also contributed to the decline.

Wheat - The 1950 wheat crop, currently estimated at 490 million bushels is 123 million above the 1949 outturn and 96 million above the ten-year (1940-49) average of 394 million bushels. In the Prairie Provinces the wheat crop is expected to reach 455 million bushels as compared with 337 million in 1949 and 370 million for the ten-year average. The anticipated average yield of wheat in the Prairie Provinces this year is 17.6 bushels per seeded acre, with Manitoba averaging 21.4, Saskatchewan 17.3, and Alberta 17.1 bushels per seeded acre. The reduction in quantity from the first estimate is greatest in the province of Saskatchewan but reports indicate that abnormally high proportions of the crop in all three of the Prairie Provinces will be low in quality. The western wheat crop contains a relatively small proportion of winter wheat grown chiefly in Alberta but, due to difficulties encountered in securing acreage data required for a separate winter wheat estimate in the Prairies, all western wheat has been included under spring wheat. In the remainder of Canada production of wheat is

Data for Newfoundland not available.

placed at some 35 million bushels, with Ontario's estimated outturn of 31 million (29.8 million of which is winter wheat) accounting for the principal part.

Oats - Canada's 1950 oat crop, now estimated at 415 million bushels is 97 million bushels above the 1949 outturn and about 12 million above the ten-year average. The increase over last year is shared by all provinces except Nova Scotia and British Columbia—the heaviest gains occurring in Saskatchewan and Alberta.

Barley - Barley production, placed at 179 million bushels, is about 59 million above last year's crop of 120 million and some 18 million above the ten-year average. The anticipated production this year exceeds that of 1949 in all provinces except Nova Scotia—with most of the gain taking place in the Prairie Provinces.

Rye - The combined outturn of fall and spring rye is estimated at 14.6 million bushels, as compared with the 1949 crop of 10.0 million. Higher average yields per acre account for the increase, over-all acreage having remained about the same as last year.

Flaxseed - Estimated production of Canada's 1950 flaxseed crop at 4.9 million bushels is more than double the small crop of 1949. The anticipated 1950 outturn, however, is not large historically and is well below the ten-year average of 9.8 million bushels.

Dry Peas and Beans - Production of dry peas is placed at 836,000 bushels as against last year's 936,000, while the dry bean crop is estimated at 1,349,000 bushels, as against the 1949 production of 1,766,000. Acreages seeded to both crops in 1950 were well below the 1949 levels.

Corn - Production of shelled corn is estimated at 13.1 million bushels, down somewhat from the 1949 outturn of 13.6 million. With the exception of a possible 450,000 bushels in Manitoba, Ontario will account for the entire 1950 shelled corn crop. In both provinces, but particularly in Manitoba, the crop is very late. Should warm, frost-free weather be experienced until around October 1, eventual outturns may be significantly higher than indicated here. On the other hand, as with other late crops, frosts would materially reduce the present estimate.

Potatoes - The potato crop is forecast at 55.4 million hundredweight as compared with the 1949 crop of 53.5 million, reduced outturns in the important producing provinces of Prince Edward Island and New Brunswick having been more than offset by increased production in all other provinces except British Columbia. Average annual production during 1945-49 was 47.6 million hundredweight and for 1940-49 was 45.5 million hundredweight.

Sugar Beets - A record Canadian production of just over one million tons of sugar beets is forecast for 1950. A substantial rise in acreage in all four producing provinces accounts for the indicated increase over last year's outturn of 858,700 tons.

Forage Crops - Weather conditions in many parts of Canada were unfavourable to the development of hay and clover crops this year and winter-killing took a heavy toll in some eastern provinces. Production is estimated at 12.9 million tons, somewhat above the light crop of 1949. A crop of the size indicated would be the third lowest since 1934 and is well below the ten-year average of 15.2 million tons. The alfalfa crop of 3.2 million tons, however, compares favourably with last year's production of 2.6 million tons. Fodder corn production for 1950 is forecast at 5.8 million tons, up slightly from the 1949 crop of 5.5 million.

Other Crops - Production of mixed grains at 71.1 million bushels is well above last year's 55.9 million despite a slight decrease in acreage. Another small buckwheat crop (3.7 million bushels) is indicated. Last year's output was placed at 3.6 million. The 1950 production of turnips and mangels for live-stock feed, excluding the Prairie Provinces for which data are not currently available, is placed at 21.7 million hundredweight, up somewhat from last year's total of 19.6 million. Canada's 1950 crop of soybeans, all of which comes from Ontario is estimated at a record 3.1 million bushels, half a million greater than the previous record crop harvested in 1949.

Note:- While production of all principal grains is placed considerably higher than last year it is observed that in the Prairie Provinces and also in parts of eastern Canada adverse weather conditions have resulted quite generally in crops of lower than average quality. In addition, both western grain crops and most late crops throughout the country require two weeks or more of good harvesting weather if the current production estimates are to be realized. For some crops, e.g., shelled corn in Manitoba, an extended period of warm, dry weather could result in much better yields than indicated by the present estimate.

Summary Comparisons of Production of 1950 and 1949

All Canada - The total production of the principal grain crops in Canada for 1950 is now estimated, in bushels, as follows with the 1949 figures within brackets: Wheat 490,320,000 (367,406,000); oats 414,601,000 (317,916,000); barley 179,050,000 (120,408,000); rye 14,567,000 (10,011,000); dry peas 836,000 (936,000); dry beans 1,349,000 (1,766,000); soybeans 3,096,000 (2,605,000); buckwheat 3,710,000 (3,570,000); mixed grains 71,148,000 (55,928,000); flaxseed 4,911,000 (2,284,000); shelled corn 13,128,000 (13,650,000). The average yields per acre, in bushels, are estimated as follows, with the 1949 figures within brackets: Wheat 18.1 (13.3); oats 35.8 (27.9); barley 27.0 (20.0); rye 12.5 (8.5); dry peas 17.1 (16.2); dry beans 17.9 (19.0); soybeans 21.8 (25.1); buckwheat 23.9 (21.0); mixed grains 42.4 (33.2); flaxseed 9.0 (7.1); shelled corn 43.0 (50.2).

The production of root and fodder crops in 1950 is now estimated as follows, with the 1949 figures within brackets: Potatoes 55,363,000 hundredweight (53,518,000 hundredweight); turnips, etc. 21,709,000 hundredweight (19,582,000 hundredweight); hay and clover 12,897,000 tons (12,122,000 tons); alfalfa 3,217,000 tons (2,602,000 tons); fodder corn 5,772,000 tons (5,476,000 tons); sugar beets 1,028,000 tons (858,700 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes 110.0 hundredweight (105.0 hundredweight); turnips, etc. 211.0 hundredweight (186.0 hundredweight); hay and clover 1.39 tons (1.28 tons); alfalfa 2.08 tons (1.75 tons); fodder corn 9.19 tons (9.65 tons); sugar beets 10.02 tons (10.21 tons).

Prairie Provinces - According to the second estimate, the production of the five principal grain crops in the Prairie Provinces is, in bushels, as follows, with the 1949 figures within brackets: Three Provinces - Wheat 455,000,000 (337,000,000); oats 251,000,000 (190,000,000); barley 165,000,000 (109,000,000); rye 12,300,000 (7,550,000); flaxseed 4,635,000 (2,050,000). Manitoba - Wheat 51,000,000 (57,000,000); oats 61,000,000 (53,000,000); barley 53,000,000 (40,000,000); rye 1,300,000 (750,000); flaxseed 3,000,000 (1,100,000). Saskatchewan - Wheat 280,000,000 (183,000,000); oats 112,000,000 (85,000,000); barley 50,000,000 (33,000,000); rye 6,800,000 (4,400,000); flaxseed 1,200,000 (650,000). Alberta - Wheat 124,000,000 (97,000,000); oats 78,000,000 (52,000,000); barley 62,000,000 (36,000,000); rye 4,200,000 (2,400,000); flaxseed 435,000 (300,000).

1. September Estimate of Production of Principal Field Crops, Including First Estimate of Production of Late-Sown Crops, Fodder and Roots 1950 as Compared with 1949

C R O P S	AREA ^{1/}		YIELD PER ACRE		PRODUCTION	
	1949	1950	1949	1950	1949	1950
	acres	acres	bu.	bu.	bu.	bu.
CANADA						
Fall wheat	805,000	928,000	30.7	32.1	24,714,000	29,789,000
Spring wheat	26,735,700	26,093,200	12.8	17.6	342,692,000	460,531,000
All wheat	27,540,700	27,021,200	13.3	18.1	367,406,000	490,320,000
Oats	11,388,900	11,575,100	27.9	35.8	317,916,000	414,601,000
Barley	6,016,700	6,624,800	20.0	27.0	120,408,000	179,050,000
Fall rye	873,000	830,000	8.2	11.8	7,191,000	9,793,000
Spring rye	308,600	337,900	9.1	14.1	2,820,000	4,774,000
All rye	1,181,600	1,167,900	8.5	12.5	10,011,000	14,567,000
Peas, dry	57,900	48,900	16.2	17.1	936,000	836,000
Beans, dry	93,100	75,500	19.0	17.9	1,766,000	1,349,000
Soy beans	103,800	142,000	25.1	21.8	2,605,000	3,096,000
Buckwheat	169,700	155,400	21.0	23.9	3,570,000	3,710,000
Mixed grains	1,683,200	1,679,200	33.2	42.4	55,928,000	71,148,000
Flaxseed	322,500	547,000	7.1	9.0	2,284,000	4,911,000
Corn, shelled	272,000	305,600	50.2	43.0	13,650,000	13,128,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	510,300	505,200	105.0	110.0	53,518,000	55,363,000
Turnips, etc.	105,500	102,800	186.0	211.0	19,582,000	21,709,000
			tons	tons	tons	tons
Hay and clover	9,502,200	9,254,000	1.28	1.39	12,122,000	12,897,000
Alfalfa	1,488,900	1,546,800	1.75	2.08	2,602,000	3,217,000
Fodder corn	567,400	628,300	9.65	9.19	5,476,000	5,772,000
Sugar beets	84,100	102,600	10.21	10.02	858,700	1,028,000
PRINCE EDWARD ISLAND						
			bu.	bu.	bu.	bu.
Spring wheat	6,500	7,200	23.0	24.0	150,000	173,000
Oats	113,000	113,000	39.0	40.0	4,407,000	4,520,000
Barley	10,200	11,800	33.0	32.0	337,000	378,000
Buckwheat	1,000	900	23.0	27.0	23,000	24,000
Mixed grains	69,500	80,200	41.0	41.0	2,850,000	3,288,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	49,400	45,100	165.0	140.0	8,151,000	6,314,000
Turnips, etc.	13,300	12,900	270.0	259.0	3,591,000	3,341,000
			tons	tons	tons	tons
Hay and clover	225,000	226,000	2.00	1.30	450,000	294,000
Fodder corn	1,100	1,200	9.00	10.00	10,000	12,000
NOVA SCOTIA						
			bu.	bu.	bu.	bu.
Spring wheat	2,000	1,500	22.0	27.0	44,000	40,000
Oats	69,500	68,900	40.0	40.0	2,780,000	2,756,000
Barley	7,800	7,700	30.0	30.0	234,000	231,000
Buckwheat	1,100	700	25.0	20.0	28,000	14,000
Mixed grains	6,300	7,700	38.0	39.0	239,000	300,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	21,200	21,700	137.0	135.0	2,904,000	2,930,000
Turnips, etc.	9,100	9,400	264.0	225.0	2,402,000	2,115,000
			tons	tons	tons	tons
Hay and clover	391,200	386,000	1.80	1.65	704,000	637,000
Fodder corn	1,000	1,000	10.00	7.20	10,000	7,000

C R O P S	AREA ^{1/}		YIELD PER ACRE		PRODUCTION	
	1949	1950	1949	1950	1949	1950
	acres	acres	bu.	bu.	bu.	bu.
NEW BRUNSWICK						
Spring wheat	3,600	3,600	22.0	22.0	79,000	79,000
Oats	189,000	184,000	37.0	43.0	6,993,000	7,912,000
Barley	15,000	17,400	29.0	35.0	435,000	609,000
Beans, dry	1,400	1,000	18.0	16.0	25,000	16,000
Buckwheat	14,700	15,300	26.0	30.0	382,000	459,000
Mixed grains	10,100	14,100	37.0	41.0	374,000	578,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	61,400	59,900	184.0	165.0	11,298,000	9,884,000
Turnips, etc.	8,900	9,000	210.0	203.0	1,869,000	1,827,000
			tons	tons	tons	tons
Hay and clover	628,000	620,000	1.30	1.00	816,000	620,000
Fodder corn	1,400	2,000	10.00	8.70	14,000	17,000
			bu.	bu.	bu.	bu.
QUEBEC						
Spring wheat	25,600	32,900	18.3	21.0	468,000	691,000
Oats	1,509,000	1,546,000	24.9	32.0	37,574,000	49,472,000
Barley	125,000	142,000	24.0	29.0	3,000,000	4,118,000
Spring rye	13,800	13,700	16.0	19.0	221,000	260,000
Peas, dry	15,500	14,500	14.3	16.0	222,000	232,000
Beans, dry	10,400	9,200	15.0	20.0	156,000	184,000
Buckwheat	78,600	74,900	20.3	22.0	1,596,000	1,648,000
Mixed grains	312,000	354,000	26.0	34.0	8,112,000	12,036,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	160,000	161,000	80.0	95.0	12,800,000	15,295,000
Turnips, etc.	23,700	26,100	168.0	164.0	3,982,000	4,280,000
			tons	tons	tons	tons
Hay and clover	3,921,000	3,727,000	1.20	1.30	4,705,000	4,845,000
Alfalfa	106,000	105,000	1.80	2.20	191,000	231,000
Fodder corn	117,000	144,000	9.47	9.00	1,108,000	1,296,000
Sugar beets	6,200	11,500	11.06	11.57	68,600	133,000
			bu.	bu.	bu.	bu.
ONTARIO						
Fall wheat	805,000	928,000	30.7	32.1	24,714,000	29,789,000
Spring wheat	59,000	55,000	18.0	21.6	1,062,000	1,188,000
All wheat	864,000	983,000	29.8	31.5	25,776,000	30,977,000
Oats	2,086,000	2,128,000	34.5	44.6	71,967,000	94,909,000
Barley	228,000	222,000	30.3	36.8	6,908,000	8,170,000
Fall rye	106,000	91,000	21.0	21.9	2,226,000	1,993,000
Peas, dry	25,400	17,700	15.4	19.0	391,000	336,000
Beans, dry	80,900	64,900	19.5	17.6	1,578,000	1,142,000
Soy beans	103,800	142,000	25.1	21.8	2,605,000	3,096,000
Buckwheat	72,200	58,600	20.9	25.0	1,509,000	1,465,000
Mixed grains	1,211,000	1,144,000	35.3	46.1	42,748,000	52,738,000
Flaxseed	16,500	19,800	11.9	13.0	196,000	257,000
Corn shelled	250,000	275,600	52.4	46.0	13,100,000	12,678,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	117,000	113,000	96.0	107.0	11,232,000	12,091,000
Turnips, etc.	48,800	43,700	152.0	225.0	7,418,000	9,832,000
			tons	tons	tons	tons
Hay and clover	2,951,000	2,836,000	1.25	1.50	3,689,000	4,254,000
Alfalfa	802,000	794,000	1.78	2.20	1,428,000	1,747,000
Fodder corn	418,000	452,100	10.00	9.50	4,180,000	4,295,000
Sugar beets	30,000	34,200	11.18	10.23	335,400	350,000

C R O P S	AREA 1/		YIELD PER ACRE		PRODUCTION	
	1949	1950	1949	1950	1949	1950
	acres	acres	bu.	bu.	bu.	bu.
<u>MANITOBA</u>						
Spring wheat	3,167,000	2,382,000	18.0	21.4	57,000,000	51,000,000
Oats	1,703,000	1,610,000	31.1	37.9	53,000,000	61,000,000
Barley	1,699,000	1,717,000	23.5	30.9	40,000,000	53,000,000
Fall rye	40,000	69,000	16.6	15.9	665,000	1,100,000
Spring rye	6,100	13,400	13.9	14.9	85,000	200,000
All rye	46,100	82,400	16.3	15.8	750,000	1,300,000
Peas, dry	6,000	5,500	20.0	20.0	120,000	110,000
Buckwheat	2,100	5,000	15.0	20.0	32,000	100,000
Mixed grains	16,600	19,700	27.0	34.0	448,000	670,000
Flaxseed	134,000	300,000	8.2	10.0	1,100,000	3,000,000
Corn, shelled	22,000	30,000	25.0	15.0	550,000	450,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	26,000	28,100	68.0	85.0	1,768,000	2,400,000
			tons	tons	tons	tons
Hay and clover	227,000	303,000	1.50	1.95	340,000	590,000
Alfalfa	94,000	112,000	2.00	2.50	188,000	280,000
Fodder corn	20,000	19,000	4.80	4.80	96,000	91,000
Sugar beets	15,600	20,700	8.13	7.00	126,800	145,000
			bu.	bu.	bu.	bu.
<u>SASKATCHEWAN</u>						
Spring wheat	15,737,000	16,203,000	11.6	17.3	183,000,000	280,000,000
Oats	3,381,000	3,381,000	25.1	33.1	85,000,000	112,000,000
Barley	1,800,000	1,954,000	18.3	25.6	33,000,000	50,000,000
Fall rye	557,000	518,000	5.4	9.1	3,000,000	4,700,000
Spring rye	133,000	150,000	10.5	14.0	1,400,000	2,100,000
All rye	690,000	668,000	6.4	10.2	4,400,000	6,800,000
Peas, dry	2,000	1,000	22.0	12.0	44,000	12,000
Mixed grains	6,000	6,200	20.2	21.5	121,000	133,000
Flaxseed	132,000	177,000	4.9	6.8	650,000	1,200,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	32,900	31,900	47.0	75.0	1,546,000	2,392,000
			tons	tons	tons	tons
Hay and clover	283,000	277,000	1.17	1.99	331,000	551,000
Alfalfa	149,000	158,000	1.46	2.02	218,000	319,000
Fodder corn	4,100	4,800	2.25	2.29	9,000	11,000
			bu.	bu.	bu.	bu.
<u>ALBERTA</u>						
Spring wheat	7,586,000	7,251,000	12.8	17.1	97,000,000	124,000,000
Oats	2,255,000	2,455,000	23.0	31.8	52,000,000	78,000,000
Barley	2,118,000	2,534,000	17.0	24.5	36,000,000	62,000,000
Fall rye	170,000	152,000	7.6	13.2	1,300,000	2,000,000
Spring rye	155,000	160,000	7.1	13.8	1,100,000	2,200,000
All rye	325,000	312,000	7.4	13.5	2,400,000	4,200,000
Peas, dry	5,500	6,500	15.5	13.4	85,000	87,000
Mixed grains	43,700	43,300	15.8	24.0	690,000	1,039,000
Flaxseed	37,500	48,300	8.0	9.0	300,000	435,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	25,400	28,300	58.0	71.0	1,473,000	2,000,000
			tons	tons	tons	tons
Hay and clover	665,000	664,000	1.00	1.10	665,000	730,000
Alfalfa	243,000	281,000	1.30	1.50	316,000	422,000
Fodder corn	700	800	4.40	10.00	3,000	8,000
Sugar beets	32,300	36,200	10.15	11.05	327,900	400,000

C R O P S	AREA 1/		YIELD PER ACRE		PRODUCTION	
	1949	1950	1949	1950	1949	1950
	acres	acres	bu.	bu.	bu.	bu.
<u>BRITISH COLUMBIA</u>						
Spring wheat	149,000	157,000	26.1	21.4	3,889,000	3,360,000
Oats	83,400	89,200	50.3	45.2	4,195,000	4,032,000
Barley	13,700	18,900	36.1	28.8	494,000	544,000
Spring rye	700	800	20.3	18.1	14,000	14,000
Peas, dry	3,500	3,700	21.0	16.0	74,000	59,000
Beans, dry	400	400	18.6	18.5	7,000	7,000
Mixed grains	8,000	10,000	43.2	36.6	346,000	366,000
Flaxseed	2,500	1,900	15.0	10.0	38,000	19,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	17,000	16,200	138.0	127.0	2,346,000	2,057,000
Turnips, etc.	1,700	1,700	188.0	185.0	320,000	314,000
			tons	tons	tons	tons
Hay and clover	211,000	215,000	2.00	1.75	422,000	376,000
Alfalfa	94,900	96,800	2.75	2.25	261,000	218,000
Fodder corn	4,100	3,400	11.20	10.30	46,000	35,000

1/ Includes all revisions to date.

2. September Estimate of the 1950 Production of Principal Grain Crops
in the Prairie Provinces compared with 1949

C R O P S	AREA		YIELD PER ACRE		PRODUCTION	
	1949	1950	1949	1950	1949	1950
	acres	acres	bu.	bu.	bu.	bu.
Wheat	26,490,000	25,836,000	12.7	17.6	337,000,000	455,000,000
Oats	7,339,000	7,446,000	25.9	33.7	190,000,000	251,000,000
Barley	5,617,000	6,205,000	19.4	26.6	109,000,000	165,000,000
Rye	1,061,100	1,062,400	7.1	11.6	7,550,000	12,300,000
Flaxseed	303,500	525,300	6.8	8.8	2,050,000	4,635,000

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