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Field Crop Reporting Series — No. 20

NOVEMBER ESTIMATE OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1971

On the basis of yields indicated during the third week of October, production of the major grains and oilseed crops this year, with the 1970 totals and the ten-year (1960-69) averages, respectively, in brackets, in millions of bushels, is as follows: all wheat, 523.7 (331.5, 609.5) oats, 377.2 (367.8, 378.1) barley, 654.8 (415.7, 233.4) all rye, 24.8 (22.4, 13.2) flaxseed, 25.7 (48.9, 20.2) and rapeseed 98.5 (72.2, 17.6). Of the twenty-one crops in this report, average yields per acre of 12 crops are higher and 9 are lower this year than last year. Estimated production in 1971 is larger than a year earlier for 13 of the twenty-one crops. New production records were established in 1971 for barley, fall rye, mixed grains, corn for grain, rapeseed and sunflower seed. Record yields were obtained for oats for grain, barley, mixed grains, dry peas, dry beans, field roots and sugar beets.

The 1971 index of field crop production for Canada (1949 = 100) at a record 215.3 is substantially above the 1970 revised level of 178.3 and much above the previous record of 203.0 reached in 1966. Compared with last year, increases were recorded in the three Prairie Provinces. In Manitoba total estimated production in 1971 resulted in a record index reading of 204.8 in contrast to 137.6 in 1970. The production index in Saskatchewan rose to a record 292.7 and in Alberta to 235.9 compared with the 1970 standings of a revised 206.9 and 223.4 respectively.

The 1971 field crop production indices for the provinces in Eastern Canada were close to the levels in 1970. The Ontario index of production decreased to 173.7 from the previous high of 175.5 in 1970. In Quebec the index standing at 131.3 was above the 1970 index figure of 126.3 and compares with the 1967 record of 132.0. The 1971 index levels for Prince Edward Island, Nova Scotia and New Brunswick respectively with revised 1970 levels in brackets were: 107.8, (104.2); 58.1 (52.9); and 92.7 (91.1).

Note: Excluding Newfoundland for which data are not available

Agriculture Division
Crops Section

5502-508

The bulk of the 1971 Prairie grain and oilseed harvest was completed by early October with only one to two per cent remaining at the beginning of the third week in October. In most areas of Manitoba and Saskatchewan yields and quality of all crops were excellent. However, in Alberta grain quality and yields were affected by the extreme heat in August and the damp, cold weather during September and October.

In Ontario and Quebec good harvesting weather was experienced during October which allowed producers to harvest most of their acreage planted to corn, soybeans and beans. The warm weather combined with adequate rainfall facilitated the seeding of winter wheat and fall rye in Ontario. Yields of all crops in Quebec, with the exceptions of fall rye and dry beans, were higher than those of last year, while in Ontario yields for most of the major grain crops were lower than those of 1970. However, barley and mixed grains, as well as some of the crops of lesser importance, did show increased yields per acre.

In the Maritime provinces ideal weather during October enabled most producers to complete the potato harvest by the end of the third week of October. Yields and quality of the crop were generally good. Higher yields of most other crops, as compared with 1970, were also in evidence in Prince Edward Island and New Brunswick. However, in Nova Scotia grain crops showed lower yields per acre than in the previous year. Yields of all field crops in British Columbia, except flaxseed and fodder corn, were higher than those of 1970. In the Peace River Block wet weather in September and part of October prolonged the harvest of an already late-maturing grain crop.

Estimates of average yields in this report are based on returns from the Statistics Canada crop correspondents reporting on conditions during the third week of October and on information supplied by processing companies and by officials responsible for agricultural statistics in each of the provinces. Estimates of acreage seeded to the various crops, with certain exceptions, are those obtained from the annual June survey and published in the July 30 crop report, and include all revisions to date. The latest estimates of acreage, yield and production for 1970 are included in the tables for comparison. Yields are reported on a field-run basis and no allowance is made for dockage which varies from year to year and for different crops. For the first time a supplementary table (No. 5) is included showing metric equivalents of the crop production figures for Canada and the Prairie Provinces.

In addition to the estimates of 1971 yields and production, this report also includes estimates of the area and condition of winter wheat and fall rye seeded in 1971, the estimated proportion of land prepared for the 1972 crop, and maps showing the estimated average wheat yields in 1970 and 1971 in the Prairie Provinces by crop districts. While the November estimate of production is the last made during the current reporting season, it should not be considered final. Subsequent information especially for those crops for which fairly accurate disposition data are available later in the season, may necessitate revision in the estimates for individual crops. Such revisions are incorporated as soon as available in the various reports in this series and eventually in other relevant publications.

All wheat. - Canada's 1971 wheat crop now estimated at 523.7 million bushels, is 58 per cent above last year's 331.5 million bushels but 14 per cent below the ten-year average of 609.5 million bushels. The increase in production compared with last year is due to a 2 per cent increase in yields and a 54 per cent increase in seeded acreage. The average yield at 27.2 bushels per acre is 24 per cent above the ten-year (1960-69) average of 22.0 bushels per acre. This year's all Canada crop of spring wheat, including durum, is estimated at 509.7 million bushels compared with

the 1970 crop of 315.9 million and the ten-year average of 593.3 million bushels. Ontario's winter wheat crop is estimated at 14.0 million bushels, a decrease of 10 per cent from last year's crop of 15.6 million. In the Prairie Provinces the 1971 wheat crop is now placed at 504.0 million bushels, some 191.5 million bushels or 61 per cent above the 1970 crop of 312.5 million bushels. Production in Saskatchewan, accounts for 65 per cent of this year's all Canada wheat crop and is estimated at 342.0 million bushels, some 63 per cent more than last year's 210.0 million bushels. The Alberta crop, estimated at 92.0 million bushels, is up 28 per cent from last year's production of 72.0 million while the Manitoba crop of 70.0 million is 130 per cent larger than the 1970 outturn. The indicated average yield per seeded acre in the Prairie Provinces is 27.0 bushels, with Manitoba averaging 29.2, Saskatchewan 26.7 and Alberta, 26.3 bushels per acre. Current estimates of production in the Prairie Provinces include relatively small quantities of winter wheat principally in Alberta, and an estimated 60.5 million bushels of durum wheat.

Durum Wheat. - The acreage in durum wheat in the Prairie Provinces in 1971 was 20 per cent smaller than that seeded in 1970, and average yields estimated at 24.6 bushels per acre, are 7 per cent below the 1970 figure of 26.4 bushels. The latest estimate is 60.5 million bushels, compared with the 1970 crop of 80.9 million. Estimated production by provinces, in millions of bushels, is as follows: Manitoba, 4.0 Saskatchewan, 49.0 and Alberta 7.5.

Oats for Grain. - Production of oats for grain in 1971 is estimated at 377.2 million bushels, 3 per cent above last year's 367.8 million but slightly below the 1960-69 average of 378.1 million. Production in the Prairie Provinces is estimated at 287.0 million. This year's production in Manitoba is 80.0 million bushels in contrast to the 1970 crop of 53.0 million and the ten-year average of 65.8 million bushels. In Saskatchewan the estimated production of 111.0 million bushels is one per cent larger than the 1970 outturn of 110.0 million and 37 per cent above the ten-year average of 81.3 million bushels. The Alberta crop of 96.0 million bushels is 18 per cent smaller than last year's crop of 117.0 million and 3 per cent smaller than the ten-year average of 98.6 million. Yields of oats in Ontario are estimated at 57.5 bushels per acre and production is expected to amount to 40.0 million bushels. The indicated average yield for Canada as a whole is a record 53.0 bushels per acre compared with 51.5 in 1970 and the ten-year average of 44.5 bushels.

Barley. - The 1971 barley crop is estimated at a record 654.8 million bushels, 58 per cent above last year's 415.7 million and 181 per cent above the 1960-69 average of 233.4 million. Production in the Prairie Provinces is estimated at a record 625.5 million bushels compared with 391.0 million in 1970 and the ten-year average of 219.2 million bushels. This year's production in Manitoba, Saskatchewan and Alberta is estimated at 100.5 million, 285.0 million and 240.0 million bushels, respectively. The estimated average yield for the Prairie Provinces at a record 42.8 bushels per acre is 4 per cent higher than the 1970 average of 41.2 bushels and 29 per cent higher than the ten-year average of 33.2 bushels. The indicated average yield for Canada as a whole is a record 43.1 bushels per acre.

Rye. - The combined production of fall and spring rye is now estimated at 24.8 million bushels, some 10 per cent above the 1970 crop of 22.4 million and 88 per cent above the ten-year average of 13.2 million bushels. Average yields, estimated at 22.6 bushels per acre, are 2 per cent above the 1970 average of 22.1 bushels and 20 per cent above the ten-year average of 18.9 bushels per acre.

Oilseed Crops. - Rapeseed production in 1971 is estimated at a record 98.5 million bushels compared with 72.2 million last year and the ten-year average of 17.6 million bushels. Acreage seeded to this crop was some 35 per cent larger than in 1970 and average yields of 18.0 bushels per acre are one per cent above last year. The 1971 flaxseed crop, now estimated at 25.7 million bushels is 48 per cent below last year's outturn of 48.9 million but 27 per cent above the 1960-69 average of 20.2 million bushels. Acreage sown to this crop decreased 40 per cent this year and average yields at 12.8 bushels per acre are 12 per cent below last year's 14.5 bushels. Production of soybeans currently estimated at 10.1 million bushels is 3 per cent smaller than last year's record of 10.4 million. The average yield per acre is estimated at 28.0 bushels compared with 31.0 bushels last year and the ten-year average of 28.0 bushels per acre. The area sown to sunflowers this year, is placed at 215,000 acres, much greater than the 70,500 acres planted in 1970. The indicated yield at 708 pounds per acre is 10 per cent lower than the 1970 average of 785 pounds. Indicated total production at a record 152.2 million pounds, is 175 per cent above last year's crop of 55.4 million, and 411 per cent larger than the ten-year average of 29.8 million pounds. The area in mustard seed, all of which is grown in the Prairie Provinces, at 265,000 acres in 1971, is up 32 per cent from the 1970 area of 200,000 acres and average yields at 886 pounds per acre are 6 per cent below those of last year. Total production is expected to amount to 234.8 million pounds, 25 per cent above the 187.9 million produced in 1970. The acreage seeded to the yellow, brown and oriental types of mustard consecutively, in thousands of acres are as follows: Manitoba, 20.0, 0.0, 0.0; Saskatchewan, 72.0, 51.0, 52.0; Alberta, 37.1, 4.2, 28.7.

Mixed Grains. - Canada's 1971 crop of mixed grains, grown principally in Eastern Canada, is estimated at a record 102.8 million bushels, up 4 per cent from the 98.6 million produced in 1970 and some 38 per cent higher than the 1960-69 average production of 74.6 million bushels. The indicated average yield for all Canada at a record 51.7 bushels per acre is 2 per cent higher than the 50.8 bushels obtained in 1970 and 10 per cent above the ten-year average of 46.8 bushels per acre. Some 51.8 million bushels of this year's crop were grown in Ontario where the average yield was 61.0 bushels per acre compared with last year's yield of 60.6 bushels per acre.

Dry Peas and Beans. - The 1971 production of dry peas is placed at 1,833,000 bushels, an increase of 12 per cent from last year's outturn of 1,631,000 bushels. The yield per acre at a record 24.2 bushels is 28 per cent more than that of 1970. The dry bean crop is estimated at 2,444,000 bushels, some 32 per cent above last year's outturn of 1,857,000 and 40 per cent above the ten-year average of 1,748,000 bushels. The yield per acre stands at a record 25.7 bushels.

Corn for Grain. - Production of corn for grain in 1971 at a record 108.1 million bushels, is 7 per cent above last year's crop of 100.9 million and 103 per cent larger than the ten-year average of 53.2 million bushels. The average yield of 81.0 bushels per acre is 4 per cent below that of last year but 5 per cent above the ten-year average of 77.5 bushels. With the exception of 10,438,000 bushels produced in Quebec and 480,000 bushels in Manitoba and small quantities in other provinces for which estimates are not available, all of this year's crop of grain corn was grown in Ontario.

Potatoes. - On the basis of yields indicated in late October the 1971 potato crop is estimated at 54.5 million cwt. compared with last year's crop of 55.1 million, a decrease of one per cent. Indicated production in the four major potato producing provinces, with last year's figures in brackets, in million cwts., is as follows: Prince Edward Island, 10.1 (10.3) New Brunswick, 13.1 (13.1) Quebec, 8.9 (8.1) and Ontario 9.4 (10.3).

Forage Crops.— Production of tame hay, including clover and alfalfa is currently placed at 27.8 million tons, 2 per cent below last year's 28.3 million but 20 per cent above the ten-year average of 23.1 million. Production of fodder corn is estimated at 9.4 million tons, one per cent below last year's production of 9.5 million but 58 per cent above the ten-year average of 5.9 million tons.

Sugar Beets.— Production of sugar beets is estimated at 1,216,000 tons, compared with last year's 916,906 tons, and the ten-year average of 1,146,016 tons. Yields at a record 15.00 tons per acre, are 13 per cent above last year's 13.33 tons, and the ten-year average. Production in Alberta, placed at 683,000 tons, accounts for 56 per cent of the Canadian total.

Buckwheat.— Production of buckwheat, grown chiefly in Manitoba, Ontario and Quebec, with small acreages in Saskatchewan and Alberta, this year is estimated at 2.1 million bushels compared with 2.8 million produced in 1970 and the ten-year average of 1.3 million. Yields at 20.6 bushels per acre are 10 per cent above last year's level of 18.7 bushels and 5 per cent above the ten-year average of 19.7 bushels.

Field Roots.— The 1971 crop of field roots (turnips, mangels, etc.) is placed at 138,000 tons compared with 126,000 tons last year and the ten-year average of 226,000 tons.

SUMMARY COMPARISONS OF PRODUCTION

ALL CANADA

Based on conditions on or about October 20, the 1971 production of major grain and oilseed crops in Canada is estimated, in millions of bushels, as follows, with 1970 totals and 1960-69 averages, respectively, within brackets: winter wheat, 14.0 (15.6, 16.2); spring wheat, 509.7 (315.9, 593.3); all wheat, 523.7 (331.5, 609.5); oats for grain 377.2 (367.8, 378.1); barley, 654.8 (415.7, 233.4); fall rye, 22.5 (19.8, 11.7); spring rye, 2.2 (2.6, 1.5); all rye, 24.8 (22.4, 13.2); flaxseed 25.7 (48.9, 20.2); mixed grains, 102.8 (98.6, 74.6); corn for grain, 108.1 (100.9, 53.2); buckwheat, 2.1 (2.8, 1.3); dry peas, 1.8 (1.6, 1.2); dry beans, 2.4 (1.9, 1.7); soybeans, 10.1 (10.4, 7.2) and rapeseed, 98.5 (72.2, 17.6). Average yields per acre, in bushels, are estimated as follows, with the 1970 figures, and 1960-69 averages, respectively, within brackets: all wheat, 27.2 (26.6, 22.0); oats for grain, 53.0 (51.5, 44.5); barley, 43.1 (41.4, 33.6); all rye, 22.6 (22.1, 18.9); flaxseed 12.8 (14.5, 10.7); mixed grains, 51.7 (50.8, 46.8); corn for grain, 81.0 (84.3, 77.5); buckwheat, 20.6 (18.7, 19.7); dry peas, 24.2 (18.9, 19.3); dry beans, 25.7 (22.6, 21.0), soybeans, 28.0 (31.0, 28.0) and rapeseed, 18.0 (17.8, 16.3).

The estimated production of root and fodder crops in 1971, with 1970 totals and 1960-69 averages respectively, within brackets, are as follows: potatoes, 54.5 (55.1, 47.9) million cwts; tame hay, 27.8 (28.3, 23.1) million tons; fodder corn, 9.4 (9.5, 5.9) million tons; field roots, 138 (126, 226) thousand tons; and sugar beets, 1,216 (917, 1,146) thousand tons. The average yields per acre are as follows, with last year's figures and the 1960-69 averages, respectively, within brackets: potatoes, 174.4 (172.4, 161.0) cwt.; tame hay, 2.00 (2.08, 1.84) tons; fodder corn, 13.44 (13.54, 11.66) tons; field roots, 13.40 (12.99, 11.65) tons; and sugar beets, 15.00 (13.33, 13.31) tons.

PRAIRIE PROVINCES

Production of the six principal grain crops in the Prairie Provinces in millions of bushels, is now estimated as follows, with the 1970 totals and 1960-69 averages, respectively, within brackets: three provinces - wheat, 504.0 (312.5, 589.2); oats for grain, 287.0 (280.0, 245.7); barley, 625.5 (391.0, 219.2); all rye, 22.9 (20.4, 11.6); flaxseed, 25.5 (48.7, 19.6); rapeseed, 98.5 (72.2, 17.6). Manitoba - wheat, 70.0 (30.5, 72.9); oats for grain, 80.0 (53.0, 65.8); barley, 100.5 (51.0, 25.4); all rye, 4.7 (4.2, 2.4); flaxseed, 6.0 (12.5, 9.1); rapeseed, 13.0 (7.2, 1.6). Saskatchewan - wheat, 342.0 (210.0, 376.8); oats for grain, 111.0 (110.0, 81.3); barley, 285.0 (142.0, 66.1); all rye, 13.0 (11.5, 5.9); flaxseed 14.3 (24.8, 6.2); rapeseed, 51.5 (39.5, 8.8). Alberta - wheat 92.0 (72.0, 139.5); oats for grain, 96.0 (117.0, 98.6); barley 240.0 (198.0, 127.7); all rye, 5.2 (4.8, 3.2); flaxseed 5.2 (11.4, 4.3); rapeseed, 34.0 (25.5, 7.2).

	1971	1970	1960-69
Wheat	504.0	312.5	589.2
Oats for grain	287.0	280.0	245.7
Barley	625.5	391.0	219.2
All rye	22.9	20.4	11.6
Flaxseed	25.5	48.7	19.6
Rapeseed	98.5	72.2	17.6
Manitoba			
Wheat	70.0	30.5	72.9
Oats for grain	80.0	53.0	65.8
Barley	100.5	51.0	25.4
All rye	4.7	4.2	2.4
Flaxseed	6.0	12.5	9.1
Rapeseed	13.0	7.2	1.6
Saskatchewan			
Wheat	342.0	210.0	376.8
Oats for grain	111.0	110.0	81.3
Barley	285.0		
All rye	13.0	11.5	5.9
Flaxseed	14.3	24.8	6.2
Rapeseed	51.5	39.5	8.8
Alberta			
Wheat	92.0	72.0	139.5
Oats for grain	96.0	117.0	98.6
Barley	240.0	198.0	127.7
All rye	5.2	4.8	3.2
Flaxseed	5.2	11.4	4.3
Rapeseed	34.0	25.5	7.2

TABLE 1. November Estimate of the 1971 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1970

Province and Crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
CANADA						
Winter wheat	355,000	339,000	43.9	41.3	15,584,000	14,001,000
Spring wheat(2)	12,129,000	18,889,000	26.0	27.0	315,935,000	509,692,000
All wheat	12,484,000	19,228,000	26.6	27.2	331,519,000	523,693,000
Oats for grain	7,149,000	7,110,000 ^r	51.5	53.0	367,850,000	377,154,000
Barley	10,042,900	15,206,500	41.4	43.1	415,704,000	654,822,000
Fall rye	875,700	972,000	22.6	23.2	19,800,000	22,535,000
Spring rye	139,000	124,000	18.9	18.0	2,627,000	2,228,000
All rye	1,014,700	1,096,000	22.1	22.6	22,427,000	24,763,000
Flaxseed	3,368,300	2,010,500	14.5	12.8	48,932,000	25,659,000
Mixed grains	1,939,800	1,988,600	50.8	51.7	98,573,000	102,792,000
Corn for grain	1,196,900	1,335,000	84.3	81.0	100,925,000	108,118,000
Buckwheat	151,800	103,400	18.7	20.6	2,833,000	2,125,000
Peas, dry	86,400	75,900	18.9	24.2	1,631,000	1,833,000
Beans, dry	82,000	95,100	22.6	25.7	1,857,000	2,444,000
Soybeans	335,000	360,000	31.0	28.0	10,385,000	10,080,000
Rapeseed	4,050,000	5,475,000	17.8	18.0	72,200,000	98,500,000
					cwt.	
Potatoes	319,900	312,800 ^r	172.4	174.4	55,138,000	54,537,000
					pounds	
Mustard seed	200,000	265,000	940	886	187,900,000	234,750,000
Sunflower seed	70,500	215,000	785	708	55,350,000	152,250,000
					tons	
Tame hay	13,620,000	13,868,000	2.08	2.00	28,266,000	27,770,000
Fodder corn	701,300	696,000	13.54	13.44	9,496,000	9,357,000
Field roots	9,700	10,300	12.99	13.40	126,000	138,000
Sugar beets	68,771	81,045 ^r	13.33	15.00	916,906	1,216,000
PRINCE EDWARD ISLAND						
					bushels	
Spring wheat	3,600	4,500	34.7	37.8	125,000	170,000
Oats for grain	65,000	70,000	45.2	48.8	2,938,000	3,416,000
Barley	20,000	18,000	37.2	38.5	744,000	693,000
Mixed grains	64,000	69,000	44.5	47.4	2,848,000	3,271,000
					cwt.	
Potatoes	55,000	53,000	186.4	190.6	10,252,000	10,102,000
					tons	
Tame hay	180,000	179,000	1.95	2.10	351,000	376,000
Field roots	1,000	700	13.00	12.58	13,000	9,000
NOVA SCOTIA						
					bushels	
Spring wheat	4,000	3,700	47.5	38.1	190,000	141,000
Oats for grain	24,000	22,000	46.1	41.5	1,106,000	913,000
Barley	6,500	5,700	43.4	37.6	282,000	214,000
Mixed grains	10,700	9,900	47.5	43.0	508,000	426,000
					cwt.	
Potatoes	4,600	4,000	151.5	160.0	697,000	640,000
					tons	
Tame hay	202,000	208,000	1.82	2.20	368,000	458,000
Field roots	800	700	12.50	14.00	10,000	10,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1971 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1970 - Continued

Province and Crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
NEW BRUNSWICK						
Spring wheat	3,100	4,000	32.3	34.8	100,000	139,000
Oats for grain	65,000	61,000	39.4	45.1	2,561,000	2,749,000
Barley	6,900	5,800	37.7	39.5	260,000	229,000
Mixed grains	9,500	7,700	40.0	46.1	380,000	355,000
Buckwheat	3,500	3,200	33.7	34.7	118,000	111,000
Potatoes	61,000	60,000	215.0	218.2	cwt. 13,118,000	13,092,000
Tame hay	228,000	231,000	1.90	2.00	tons 433,000	462,000
Field roots	600	400	11.67	13.00	7,000	5,000
QUEBEC						
Spring wheat	29,300	37,800	25.6	27.4	bushels 750,000	1,036,000
Oats for grain	925,000	890,000	37.4	42.6	34,595,000	37,914,000
Barley	24,500	28,000	35.3	40.2	865,000	1,126,000
Fall rye	4,200	3,800	22.5	22.3	94,000	85,000
Flaxseed	16,000	8,300	12.1	15.1	194,000	125,000
Mixed grains	95,000	98,000	37.3	42.7	3,544,000	4,185,000
Corn for grain	93,400	125,000	78.0	83.5	7,285,000	10,438,000
Buckwheat	13,300	7,700	21.8	27.1	290,000	209,000
Peas, dry	1,300	1,100	21.8	22.5	28,000	25,000
Beans, dry	1,000	1,100	18.0	17.5	18,000	19,000
Potatoes	67,000	66,000	121.5	135.0	cwt. 8,140,000	8,910,000
Tame hay	3,350,000	3,340,000	2.07	2.07	tons 6,934,000	6,914,000
Fodder corn	100,000	110,000	12.80	13.52	1,280,000	1,487,000
Field roots	3,000	3,500	11.80	12.60	35,000	44,000
Sugar beets	9,016	8,100	19.66	20.99	177,262	170,000
ONTARIO						
Winter wheat	355,000	339,000	43.9	41.3	bushels 15,584,000	14,001,000
Spring wheat	9,000	14,000	30.0	29.0	270,000	406,000
All wheat	364,000	353,000	43.6	40.8	15,854,000	14,407,000
Oats for grain	750,000	695,000	58.2	57.5	43,650,000	39,962,000
Barley	335,000	390,000	51.8	54.0	17,353,000	21,060,000
Fall rye	62,000	60,000	28.0	27.0	1,736,000	1,620,000
Flaxseed	2,000	1,800	17.0	16.0	34,000	29,000
Mixed grains	880,000	850,000	60.6	61.0	53,328,000	51,850,000
Corn for grain	1,100,000	1,200,000	85.0	81.0	93,500,000	97,200,000
Buckwheat	10,000	9,000	24.0	27.0	240,000	243,000
Peas, dry	2,000	3,000	17.0	18.0	34,000	54,000
Beans, dry	81,000	94,000	22.7	25.8	1,839,000	2,425,000
Soybeans	335,000	360,000	31.0	28.0	10,385,000	10,080,000
Potatoes	47,500	47,500	217.5	198.8	cwt. 10,331,000	9,443,000
Tame hay	3,000,000	3,000,000	2.55	2.42	tons 7,650,000	7,260,000
Fodder corn	565,000	550,000	13.90	13.60	7,854,000	7,480,000
Field roots	4,300	5,000	14.25	14.00	61,000	70,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1971 Production of Principal Field Crops in Canada,
Compared with latest Estimates for 1970 — Continued

Province and crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
MANITOBA						
Spring wheat(2)	1,400,000	2,400,000	21.8	29.2	30,500,000	70,000,000
Oats for grain	1,260,000	1,472,000	42.1	54.3	53,000,000	80,000,000
Barley	1,500,000	2,200,000	34.0	45.7	51,000,000	100,500,000
Fall rye	190,000	180,000	21.6	25.6	4,100,000	4,600,000
Spring rye	4,000	4,000	19.2	22.0	77,000	88,000
All rye	194,000	184,000	21.5	25.5	4,177,000	4,688,000
Flaxseed	1,150,000	570,000	10.9	10.5	12,500,000	6,000,000
Mixed grains	250,000	290,000	36.8	47.6	9,200,000	13,800,000
Corn for grain	3,500	10,000	40.0	48.0	140,000	480,000
Buckwheat	80,000	60,000	17.5	20.0	1,400,000	1,200,000
Peas, dry	60,000	50,000	17.0	24.0	1,020,000	1,200,000
Rapeseed	400,000	625,000	18.0	20.8	7,200,000	13,000,000
Potatoes	33,000	32,000 ^r	112.1	125.0	cwt. 3,700,000	4,000,000
Mustard seed	25,000	20,000	840	800	pounds 21,000,000	16,000,000
Sunflower seed	65,000	140,000	800	750	52,000,000	105,000,000
Tame hay	1,160,000	1,200,000	1.92	1.92	tons 2,230,000	2,300,000
Fodder corn	20,000	20,000	6.00	7.00	120,000	140,000
Sugar beets	23,022	30,852 ^r	9.39	11.77	216,142	363,000
SASKATCHEWAN						
Spring wheat(2)	8,000,000	12,800,000	26.2	26.7	bushels 210,000,000	342,000,000
Oats for grain	1,950,000	1,960,000	56.4	56.6	110,000,000	111,000,000
Barley	3,300,000	6,300,000	43.0	45.2	142,000,000	285,000,000
Fall rye	460,000	550,000	22.0	21.5	10,100,000	11,800,000
Spring rye	75,000	70,000	18.7	17.1	1,400,000	1,200,000
All rye	535,000	620,000	21.5	21.0	11,500,000	13,000,000
Flaxseed	1,500,000	1,030,000	16.5	13.9	24,800,000	14,300,000
Mixed grains	175,000	210,000	42.9	44.8	7,500,000	9,400,000
Buckwheat	25,000	11,000	17.0	17.0	425,000	187,000
Peas, dry	2,500	2,500	22.4	21.5	56,000	54,000
Rapeseed	2,200,000	2,750,000	18.0	18.7	39,500,000	51,500,000
Potatoes	8,800	7,500	102.3	100.0	cwt. 900,000	750,000
Mustard seed	120,000	175,000	985	950	pounds 118,200,000	166,250,000
Sunflower seed	3,000	65,000	650	650	1,950,000	42,250,000
Tame hay	1,600,000	1,650,000	1.75	1.52	tons 2,800,000	2,500,000
Fodder corn	4,000	2,500	3.00	4.00	12,000	10,000
ALBERTA						
Spring wheat(2)	2,600,000	3,500,000	27.7	26.3	bushels 72,000,000	92,000,000
Oats for grain	2,050,000	1,850,000 ^r	57.1	51.9	117,000,000	96,000,000
Barley	4,700,000	6,100,000	42.1	39.3	198,000,000	240,000,000
Fall rye	155,000	175,000	23.2	24.6	3,600,000	4,300,000
Spring rye	60,000	50,000	19.2	18.8	1,150,000	940,000
All rye	215,000	225,000	22.1	23.3	4,750,000	5,240,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1971 Production of Principal Field Crops in Canada,
Compared with latest Estimates for 1970 - Concluded

Province and crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
<u>ALBERTA</u>						
Flaxseed	700,000	400,000	16.3	13.0	11,400,000	5,200,000
Mixed grains	450,000	450,000	46.7	42.9	21,000,000	19,300,000
Buckwheat	20,000	12,500	18.0	14.0	360,000	175,000
Peas, dry	18,000	16,500	24.4	24.2	440,000	400,000
Rapeseed	1,450,000	2,100,000	17.6	16.2	25,500,000	34,000,000
Potatoes	32,000	30,000	178.1	153.3	cwt. 5,700,000	4,600,000
Mustard seed	55,000	70,000	885	750	pounds 48,700,000	52,500,000
Sunflower seed	2,500	10,000	560	500	1,400,000	5,000,000
					tons	
Tame hay	3,400,000	3,600,000	1.82	1.69	6,200,000	6,100,000
Sugar beets	36,733	42,093	14.25	16.23	523,502	683,000
<u>BRITISH COLUMBIA</u>						
					bushels	
Spring wheat	80,000	125,000	25.0	30.4	2,000,000	3,800,000
Oats for grain	60,000	90,000	50.0	57.8	3,000,000	5,200,000
Barley	150,000	159,000	34.7	37.7	5,200,000	6,000,000
Fall rye	4,500	3,200	37.8	40.6	170,000	130,000
Flaxseed	300	400	13.3	11.6	4,000	5,000
Mixed grains	5,600	4,000	47.3	51.2	265,000	205,000
Peas, dry	2,600	2,800	20.4	35.7	53,000	100,000
Potatoes	11,000	12,800	209.1	234.4	cwt. 2,300,000	3,000,000
Tame hay	500,000	460,000	2.60	3.04	tons 1,300,000	1,400,000
Fodder corn	12,300	13,500	18.70	17.78	230,000	240,000

(1) As indicated on the basis of conditions on or about October 20.

(2) Includes durum wheat for which separate estimates are shown in Table 2.

^r Revised figures.

TABLE 2. November Estimate of the 1971 Production of Durum Wheat(1)
in the Prairie Provinces Compared with 1970

Province	Area		Yield per acre		Production	
	1970	1971	1970	1971(2)	1970	1971(2)
	acres				bushels	
Manitoba	115,000	150,000	20.9	26.7	2,400,000	4,000,000
Saskatchewan	2,500,000	2,000,000	26.4	24.5	66,000,000	49,000,000
Alberta	450,000	310,000	27.8	24.2	12,500,000	7,500,000
Totals	3,065,000	2,460,000	26.4	24.6	80,900,000	60,500,000

(1) Included with spring wheat in Table 1.

(2) As indicated on the basis of conditions on or about October 20.

TABLE 3. November Estimate of the 1971 Production of Principal Grain Crops in the Prairie Provinces, Compared with the Latest Estimates for 1970

Crops	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
PRAIRIE PROVINCES						
Wheat(2)	12,000,000	18,700,000	26.0 ✓	27.0	312,500,000	504,000,000
Oats for grain	5,260,000	5,282,000 ^r	53.2	54.3	280,000,000	287,000,000
Barley	9,500,000	14,600,000	41.2 ✓	42.8	391,000,000	625,500,000
Rye	944,000	1,029,000	21.6	22.3	20,427,000	22,928,000
Flaxseed	3,350,000	2,000,000	14.5	12.8	48,700,000	25,500,000
Rapeseed	4,050,000	5,475,000	17.8	18.0	72,200,000	98,500,000
MANITOBA						
Wheat(2)	1,400,000	2,400,000	21.8	29.2	30,500,000	70,000,000
Oats for grain	1,260,000	1,472,000	42.1	54.3	53,000,000	80,000,000
Barley	1,500,000	2,200,000	34.0	45.7	51,000,000	100,500,000
Rye	194,000	184,000	21.5	25.5	4,177,000	4,688,000
Flaxseed	1,150,000	570,000	10.9	10.5	12,500,000	6,000,000
Rapeseed	400,000	625,000	18.0	20.8	7,200,000	13,000,000
SASKATCHEWAN						
Wheat(2)	8,000,000	12,800,000	26.2	26.7	210,000,000	342,000,000
Oats for grain	1,950,000	1,960,000	56.4	56.6	110,000,000	111,000,000
Barley	3,300,000	6,300,000	43.0	45.2	142,000,000	285,000,000
Rye	535,000	620,000	21.5	21.0	11,500,000	13,000,000
Flaxseed	1,500,000	1,030,000	16.5	13.9	24,800,000	14,300,000
Rapeseed	2,200,000	2,750,000	18.0	18.7	39,500,000	51,500,000
ALBERTA						
Wheat(2)	2,600,000	3,500,000	27.7	26.3	72,000,000	92,000,000
Oats for grain	2,050,000	1,850,000 ^r	57.1	51.9	117,000,000	96,000,000
Barley	4,700,000	6,100,000	42.1	39.3	198,000,000	240,000,000
Rye	215,000	225,000	22.1	23.3	4,750,000	5,240,000
Flaxseed	700,000	400,000	16.3	13.0	11,400,000	5,200,000
Rapeseed	1,450,000	2,100,000	17.6	16.2	25,500,000	34,000,000

(1) As indicated on the basis of conditions on or about October 20.

(2) Includes durum wheat, separate estimates of which are included in Table 2, and relatively small quantities of winter wheat.

^r Revised figures.

Preparation of Land for 1972 Field Crops

By mid-October this year Canadian farmers had prepared an estimated 67 per cent of the land intended for field crops in 1972 compared to 66 per cent a year earlier. By provinces, percentages of next year's crop land prepared by October 15, 1971 with last year's comparable figures in brackets, were estimated as follows: Prince Edward Island, 36 (38); Nova Scotia, 47 (36); New Brunswick, 47 (44); Quebec, 61 (51); Ontario, 60 (55); Manitoba, 69 (76); Saskatchewan, 69 (70); Alberta, 66 (62); and British Columbia, 59 (65).

Area and Condition of
Winter Wheat and Fall Rye

Preliminary estimates indicate that the area seeded to winter wheat in Ontario in 1971 is 405,000 acres, some 66,000 above the 1971 harvested area and 8 per cent above the 376,000 acres seeded in the fall of 1970. The area seeded to fall rye in Canada in 1971 is tentatively estimated at 834,500 acres, compared to last year's 972,000 acres a decrease of about 14 per cent. Estimates of acreage for both crops, however, are subject to revision on the basis of results from the bureau's 1972 annual acreage survey.

Of the bureau's correspondents reporting on the condition of Ontario winter wheat at mid-October, 61 per cent indicated that condition was average for that time of the year. Above average condition was reported by 36 per cent with the remainder, 3 per cent, reporting below average conditions.

TABLE 4. Area and Condition of Fall Rye Seeded in Canada
1971 Compared with 1970

Province	Area			Proportion of correspondents Reporting mid-october condition					
	Seeded in 1970	Seeded in 1971(1)		Above average		Average		Below average	
		% of 1970	Area	1970	1971	1970	1971	1970	1971
	acres	%	acres	per cent					
CANADA	972,000	86	834,500	15	13	74	68	11	19
Quebec	3,800	82	3,100	15	23	67	54	18	23
Ontario	60,000	97	58,000	20	20	74	76	6	4
Manitoba	180,000	80	144,000	16	21	75	70	9	9
Saskatchewan	550,000	85	467,500	15	7	72	60	13	33
Alberta	175,000	91	159,200	12	9	74	74	14	17
British Columbia	3,200	83	2,700	13	4	73	82	14	14

(1) Preliminary estimate: subject to revision on basis of results of the bureau's 1972 annual acreage survey.

TABLE 5. November Estimate, in Metric Tons, of the 1971 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1970

Province and Crop	1970		1971	
	bushels	metric tons	bushels	metric tons
<u>CANADA</u>				
Winter wheat	15,584,000	424,100	14,001,000	381,100
Spring wheat(2)	315,935,000	8,598,500	509,692,000	13,871,800
All wheat	331,519,000	9,022,600	523,693,000	14,252,800
Oats for grain	367,850,000	5,673,000	377,154,000	5,816,500
Barley	415,704,000	9,051,100	654,822,000	14,257,400
Fall rye	19,800,000	502,900	22,535,000	572,400
Spring rye	2,627,000	66,700	2,228,000	56,600
All rye	22,427,000	569,700	24,763,000	629,000
Flaxseed	48,932,000	1,242,900	25,659,000	651,800
Mixed grains	98,573,000	2,012,100	102,792,000	2,098,200
Corn for grain	100,925,000	2,563,600	108,118,000	2,746,300
Buckwheat	2,833,000	61,700	2,125,000	46,300
Peas, dry	1,631,000	44,400	1,833,000	49,900
Beans, dry	1,857,000	50,500	2,444,000	66,500
Soybeans	10,385,000	282,600	10,080,000	274,300
Rapeseed	72,200,000	1,637,500	98,500,000	2,234,000
	cwt.		cwt.	
Potatoes	55,138,000	2,501,100	54,537,000	2,473,800
	pounds		pounds	
Mustard seed	187,900,000	85,200	234,750,000	106,500
Sunflower seed	55,350,000	25,100	152,250,000	69,100
	tons		tons	
Tame hay	28,266,000	25,642,600	27,770,000	25,192,700
Fodder corn	9,496,000	8,614,700	9,357,000	8,488,600
Field roots	126,000	114,300	138,000	125,200
Sugar beets	916,906	831,800	1,216,000	1,103,100
<u>PRAIRIE PROVINCES</u>				
	bushels		bushels	
Wheat(2)	312,500,000	8,505,000	504,000,000	13,716,900
Durum wheat	80,900,000	2,201,800	60,500,000	1,646,600
Oats for grain	280,000,000	4,318,200	287,000,000	4,426,100
Barley	391,000,000	8,513,200	625,500,000	13,619,000
Rye	20,427,000	518,900	22,928,000	582,400
Flaxseed	48,700,000	1,237,000	25,500,000	647,700
Rapeseed	72,200,000	1,637,500	98,500,000	2,234,000



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