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Field Crop Reporting Series -- No. 20

NOVEMBER ESTIMATE OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1970

On the basis of yields indicated during the third week of October, production of the major grains and oilseed crops this year, with the 1969 totals and the ten-year 1959-68 averages, respectively, in brackets, in millions of bushels, is as follows: all wheat, 331.5 (684.3, 585.6) oats, 367.8 (371.4, 375.4) barley, 415.7 (378.4, 217.1) all rye, 22.4 (16.5, 12.4) flaxseed, 48.9 (27.5, 19.2) and rapeseed 71.3 (33.4, 14.6). Of the twenty-one crops in this report, average yields per acre of 18 crops are higher and 3 are lower this year than last year. Estimated production in 1970 is larger than a year earlier for 15 of the twenty-one crops. New production records were established in 1970 for barley, flaxseed, mixed grains, corn for grain, soybeans, rapeseed, sunflower seed, tame hay and fodder corn. Record yields were obtained for oats for grain, barley, tame hay and fodder corn.

The 1970 index of field crop production for Canada (1949 = 100) at 177.4 is below the 1969 revised level of 195.5 and much below the record of 203.0 reached in 1966. Compared with last year, decreases were recorded in the three Prairie Provinces. In Manitoba total estimated production in 1970 resulted in a lower index reading of 137.6 compared to the revised record of 158.5 in 1969. The production index in Saskatchewan fell to 204.5 and in Alberta to 223.4 compared with the 1969 revised standings of 257.7 and 237.2 respectively.

The 1970 field crop production indices for provinces in Eastern Canada were close to the levels in 1969. The Ontario index of production increased to a record 175.5 compared with the previous high of 167.1 achieved in 1968. In Quebec the index standing at 126.3 was below the 1969 index figure of 128.4 and compares with the 1967 record of 132.0. The 1970 index levels for Prince Edward Island, Nova Scotia and New Brunswick respectively with revised 1969 levels in brackets were: 104.2 (115.3); 53.0 (55.7) and 82.8 (92.8).

The major portion of the 1970 harvest of the Prairie cereal and oilseed crops was completed in early October with only about one per cent of the grains and some flax remaining at the end of the third week of October. Some grain fields harvested in a tough condition as a result of snowfall required artificial drying but these cases were limited and activity was carried on beyond the beginning of November. The quality of the wheat crop was above average with the higher grades predominating. Oilseed crops were also good although higher dockages were reported in rapeseed compared with last year.

Note: Excluding Newfoundland for which data are not available

Agriculture Division

Crops Section

5502-508

In Ontario and Quebec good weather in early October allowed the bulk of fall harvested crops of grain corn, potatoes and beans to be completed in southern counties with less progress elsewhere. Yields were average and quality for the most part good. In central and Eastern Ontario, wet weather during the latter part of October lowered yields and reduced the quality on limited acreages of potatoes and grain corn. By the end of October most crops were under cover and in the region affected by wet weather, all activity on the land virtually ceased in the early part of November owing to soggy fields.

In the Maritime provinces poor weather during October caused further delays in completing the harvest of small grains and root crops. Cereals taken off in a damp condition required drying and resulted in lower quality grain. Potato digging was slowed and quality was also reduced owing to wet conditions. Harvesting in British Columbia was carried out under ideal conditions with most crops under cover in early October. In the Peace River Block, a few fields remained unharvested at mid October due to early snow. Crops generally were of good quality with satisfactory yields.

In addition to the estimates of 1970 yields and production, this report also includes estimates of the area and condition of winter wheat and fall rye seeded in 1970, the estimated proportion of land prepared for the 1971 crop, and maps showing the estimated average wheat yields in 1969 and 1970 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 1970 wheat crop now estimated at 331.5 million bushels, is 52 per cent below last year's 684.3 million bushels and 43 per cent below the ten-year average of 585.6 million bushels. The decrease in production compared with last year is due to a 3 per cent decrease in yields and a 50 per cent decrease in seeded acreage. The average yield at 26.6 bushels per acre is 25 per cent above the ten-year (1959-68) average of 21.2 bushels per acre. This year's all Canada crop of spring wheat, including durum, is estimated at 315.9 million bushels compared with the 1969 crop of 669.9 million and the ten-year average of 569.6 million bushels. Ontario's winter wheat crop is estimated at 15.6 million bushels, an increase of 9 per cent from last year's crop of 14.3 million.

In the Prairie Provinces the 1970 wheat crop is now placed at 312.5 million bushels, some 352.5 million bushels or 53 per cent below the 1969 crop of 665.0 million bushels. Production in Saskatchewan, accounts for 63 per cent of this year's all Canada wheat crop and is estimated at 210.0 million bushels, some 54 per cent less than last year's 461.0 million bushels. The Alberta crop, estimated at 72.0 million bushels, is down 49 per cent from last year's production of 140.0 million while the Manitoba crop of 30.5 million is 52 per cent smaller than the 1969 outturn. The indicated average yield per seeded acre in the Prairie Provinces is 26.0 bushels, with Manitoba averaging 21.8, Saskatchewan, 26.2 and Alberta, 27.7 bushels per acre. Current estimates of production in the Prairie Provinces include relatively small quantities of winter wheat principally in Alberta, and an estimated 80.9 million bushels of durum wheat.

Durum Wheat. — The acreage in durum wheat in the Prairie Provinces in 1970 was 3 per cent smaller than that seeded in 1969, and average yields estimated at 26.4 bushels per acre, are slightly above the 1969 figure of 26.3 bushels. The October estimate is 80.9 million bushels, compared with the 1969 crop of 83.0 million. Estimated production by provinces, in millions of bushels, is as follows: Manitoba, 2.4 Saskatchewan, 66.0 and Alberta 12.5.

Oats for Grain. — Production of oats for grain in 1970 is estimated at 367.8 million bushels, one per cent below last year's 371.4 million and 2 per cent below the 1959-68 average of 375.4 million. Production in the Prairie Provinces is estimated at 280.0 million. This year's production in Manitoba is 53.0 million bushels in contrast to the 1969 crop of 69.0 million and the ten-year average of 63.9 million bushels. In Saskatchewan the estimated production of 110.0 million bushels is 3 per cent larger than the 1969 outturn of 107.0 million and 45 per cent above the ten-year average of 75.9 million bushels. The Alberta crop of 117.0 million bushels is 15 per cent larger than last year's crop of 102.0 million and 20 per cent larger than the ten-year average of 97.2 million. Yields of oats in Ontario are estimated at 58.2 bushels per acre and production is expected to amount to 43.6 million bushels. The indicated average yield for Canada as a whole is a record 51.5 bushels per acre compared with 48.5 in 1969 and the ten-year average of 43.4 bushels.

Barley. — The 1970 barley crop is estimated at a record 415.7 million bushels, 10 per cent above last year's 378.4 million and 91 per cent above the 1959-68 average of 217.1 million. Production in the Prairie Provinces is estimated at a record 391.0 million bushels compared with 355.0 million in 1969 and the ten-year average of 204.6 million bushels. This year's production in Manitoba, Saskatchewan and Alberta is estimated at 51.0 million, 142.0 million and 198.0 million bushels, respectively. The estimated average yield for the Prairie Provinces at a record 41.2 bushels per acre is 5 per cent higher than the 1969 average of 39.4 bushels and 30 per cent higher than the ten-year average of 31.6 bushels. The indicated average yield for Canada as a whole is a record 41.4 bushels per acre.

Rye. — The combined production of fall and spring rye is now estimated at 22.4 million bushels, some 36 per cent above the 1969 crop of 16.5 million and 81 per cent above the ten-year average of 12.4 million bushels. Average yields, estimated at 22.1 bushels per acre, are 24 per cent above the 1969 average of 17.8 bushels and 18 per cent above the ten-year average of 18.8 bushels per acre.

Oilseed Crops. — Rapeseed production in 1970 is estimated at a record 71.3 million bushels compared with 33.4 million last year and the ten-year average of 14.6 million bushels. Acreage seeded to this crop was some 96 per cent larger than in 1969 and average yields of 18.1 bushels per acre are 9 per cent above last year. The 1970 flaxseed crop, now estimated at a record 48.9 million bushels is 78 per cent above last year's outturn of 27.5 million and 155 per cent above the 1959-68 average of 19.2 million bushels. Acreage sown to this crop increased 44 per cent this year and average yields at 14.5 bushels per acre are 23 per cent above last year's 11.8 bushels.

Production of soybeans currently estimated at a record 10.4 million bushels is 36 per cent larger than last year's 7.7 million. The average yield per acre is estimated at 31.0 bushels compared with 23.8 bushels last year and the ten-year average of 28.5 bushels per acre. The area sown to sunflowers this year, is placed at a revised 70,500 acres, up considerably from the 48,000 acres planted in 1969. The indicated yield at 785 pounds per acre is 11 per cent higher than the 1969 average of 708 pounds. Indicated total production at a record 55.4 million pounds, is 63 per cent above last year's crop of 34.0 million, and 87 per cent larger than the ten-year average of 29.7 million pounds.

The area in mustard seed, all of which is grown in the Prairie Provinces, at 200,000 acres in 1970, is down 25 per cent from the 1969 area of 267,000 acres and average yields at 940 pounds per acre are 3 per cent below those of last year. Total production is expected to amount to 187.9 million pounds, 27 per cent below the 258.0 million produced in 1969. The acreage seeded to the yellow, brown and oriental types of mustard consecutively, in thousands of acres are as follows: Manitoba, 25.0, 0.0, 0.0; Saskatchewan, 61.2, 30.0, 28.8; Alberta 26.4, 4.4, 24.2.

Mixed Grains. — Canada's 1970 crop of mixed grains, grown principally in Eastern Canada, is estimated at a record 98.6 million bushels, up 13 per cent from the 87.3 million produced in 1969 and some 37 per cent higher than the 1959-68 average production of 72.1 million bushels. The indicated average yield for all Canada at 50.8 bushels per acre is one per cent higher than the 50.2 bushels obtained in 1969 and 10 per cent above the ten-year average of 46.0 bushels per acre. Some 53.3 million bushels of this year's crop were grown in Ontario where the average yield was 60.6 bushels per acre compared with last year's yield of 58.5 bushels per acre.

Dry Peas and Beans. — The 1970 production of dry peas is placed at 1,631,000 bushels, an increase of 27 per cent from last year's outturn of 1,280,000 bushels. The yield per acre at 18.9 bushels is 8 per cent more than that of 1969. The dry bean crop is estimated at 1,857,000 bushels, some 5 per cent below last year's outturn of 1,951,000 but 11 per cent above the ten-year average of 1,668,000 bushels.

Corn for Grain. — Production of corn for grain in 1970 at a record 100.3 million bushels, is 37 per cent above last year's crop of 73.4 million and 105 per cent larger than the ten-year average of 49.0 million bushels. The average yield of 84.4 bushels per acre is 12 per cent above that of last year and 10 per cent above the ten-year average of 76.8 bushels. With the exception of 6,708,000 bushels produced in Quebec and 140,000 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 1970 potato crop is estimated at 53.3 million cwt. compared with last year's crop of 51.9 million, an increase of 3 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, 10.3 (10.7) New Brunswick, 11.3 (13.2) Quebec, 8.1 (7.7) and Ontario 10.3 (8.5).

Forage Crops. — Production of tame hay, including clover and alfalfa is currently placed at a record 28.3 million tons, 11 per cent above last year's 25.6 million and 25 per cent above the ten-year average of 22.6 million. Production of fodder corn is estimated at a record 9.5 million tons, 12 per cent above last year's production of 8.5 million and 73 per cent above the ten-year average of 5.5 million tons.

Sugar Beets. — Production of sugar beets is estimated at 909,642 tons, compared with last year's 1,078,221 tons, and the ten-year average of 1,162,146 tons. Yields at 13.24 tons per acre, are 3 per cent below last year's 13.61 tons, and one per cent below the ten-year average of 13.33 tons. Production in Alberta, placed at 523,500 tons, accounts for 58 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 2.8 million bushels compared with 1.7 million produced in 1969 and the ten-year average of 1.3 million. Yields at 18.7 bushels per acre are 10 per cent above last year's level of 17.0 bushels but 7 per cent below the ten-year average of 20.2 bushels.

Field Roots. — The 1970 crop of field roots (turnips, mangels, etc.) is placed at 126,000 tons compared with 128,000 tons last year and the ten-year average of 246,000 tons. With the exception of New Brunswick and Ontario indicated production this year is smaller than a year ago in all provinces for which estimates are available.

SUMMARY COMPARISONS OF PRODUCTION

ALL CANADA

Based on conditions on or about October 22, the 1970 production of major grain and oilseed crops in Canada is estimated, in millions of bushels, as follows, with 1969 totals and 1959-68 averages, respectively, within brackets: winter wheat, 15.6 (14.3, 16.0); spring wheat, 315.9 (669.9, 569.6); all wheat, 331.5 (684.3, 585.6); oats for grain 367.8 (371.4, 375.4); barley, 415.7 (378.4, 217.1); fall rye, 19.8 (14.5, 11.0); spring rye, 2.6 (2.0, 1.4); all rye, 22.4 (16.5, 12.4); flaxseed 48.9 (27.5, 19.2); mixed grains, 98.6 (87.3, 72.1); corn for grain, 100.3 (73.4, 49.0); buckwheat, 2.8 (1.7, 1.3); dry peas, 1.6 (1.3, 1.1); dry beans, 1.9 (2.0, 1.7); soybeans, 10.4 (7.7, 7.1) and rapeseed, 71.3 (33.4, 14.6). Average yields per acre, in bushels, are estimated as follows, with the 1969 figures, and 1959-68 averages, respectively, within brackets: all wheat, 26.6 (27.4, 21.2); oats for grain, 51.5 (48.5, 43.4); barley, 41.4 (39.7, 32.0); all rye, 22.1 (17.8, 18.8); flaxseed 14.5 (11.8, 10.4); mixed grains, 50.8 (50.2, 46.0); corn for grain, 84.4 (75.1, 76.8); buckwheat, 18.7 (17.0, 20.2); dry peas, 18.9 (17.5, 19.0); dry beans, 22.6 (21.7, 20.6), soybeans, 31.0 (23.8, 28.5) and rapeseed, 18.1 (16.6, 16.3).

The estimated production of root and fodder crops in 1970, with 1969 totals and 1959-68 averages respectively, within brackets, are as follows: potatoes, 53.3 (51.9, 46.3) million cwts; tame hay, 28.3 (25.6, 22.6) million tons; fodder corn, 9.5 (8.5, 5.5) million tons; field roots, 126 (128, 246) thousand tons; and sugar beets, 909 (1,078, 1,162) thousand tons. The average yields per acre are as follows, with last year's figures and the 1959-68 averages, respectively, within brackets: potatoes, 169.9 (169.3, 156.7) cwt.; tame hay, 2.08 (2.03, 1.81) tons; fodder corn, 13.54 (12.40, 11.49) tons; field roots, 12.99 (11.74, 11.55) tons; and sugar beets, 13.24 (13.61, 13.33) 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 1969 totals and 1959-68 averages, respectively, within brackets: three provinces - wheat, 312.5 (665.0, 565.7); oats for grain, 280.0 (278.0, 237.0); barley, 391.0 (355.0, 204.6); all rye, 20.4 (14.7, 10.8); flaxseed, 48.7 (27.3, 18.6); rapeseed, 71.3 (33.4, 14.6). Manitoba - wheat, 30.5 (64.0, 72.7); oats for grain, 53.0 (69.0, 63.9); barley, 51.0 (42.0, 24.5); all rye, 4.2 (3.4, 2.3); flaxseed, 12.5 (10.2, 8.5); rapeseed, 6.3 (3.5, 1.3). Saskatchewan - wheat, 210.0 (461.0, 356.0); oats for grain, 110.0 (107.0, 75.9); barley, 142.0 (109.0, 62.2); all rye, 11.5 (7.8, 5.5); flaxseed 24.8 (10.8, 5.7); rapeseed, 36.0 (18.2, 7.2). Alberta - wheat, 72.0 (140.0, 137.0); oats for grain, 117.0 (102.0, 97.2); barley, 198.0 (204.0, 117.9); all rye, 4.8 (3.5, 3.0); flaxseed 11.4 (6.3, 4.4); rapeseed, 29.0 (11.7, 6.1).

TABLE 1. November Estimate of the 1970 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1969

Province and Crop	Area		Yield per acre		Production	
	1969	1970	1969	1970(1)	1969	1970(1)
	acres				bushels	
CANADA						
Winter wheat ...	360,000	355,000	39.8	43.9	14,328,000	15,584,000
Spring wheat(2)	24,607,700	12,129,000	27.2	26.0	669,948,000	315,935,000
All wheat	24,967,700	12,484,000	27.4	26.6	684,276,000	331,519,000
Oats for grain .	7,655,000	7,149,000 ^r	48.5	51.5	371,387,000	367,850,000
Barley	9,535,100	10,042,900	39.7	41.4	378,383,000	415,704,000
Fall rye	821,300	875,700	17.7	22.6	14,535,000	19,800,000
Spring rye	106,000	139,000	18.5	18.9	1,958,000	2,627,000
All rye	927,300	1,014,700	17.8	22.1	16,493,000	22,427,000
Flaxseed	2,340,700	3,368,300	11.8	14.5	27,548,000	48,932,000
Mixed grains ...	1,740,300	1,939,800	50.2	50.8	87,346,000	98,573,000
Corn for grain .	978,000	1,189,500 ^r	75.1	84.4	73,426,000	100,348,000
Buckwheat	99,700	151,800 ^r	17.0	18.7	1,695,000	2,833,000
Peas, dry	73,000	86,400	17.5	18.9	1,280,000	1,631,000
Beans, dry	90,000	82,000	21.7	22.6	1,951,000	1,857,000
Soybeans	322,000	335,000	23.8	31.0	7,664,000	10,385,000
Rapeseed	2,012,000	3,950,000	16.6	18.1	33,400,000	71,300,000
					cwt.	
Potatoes	306,300	313,900	169.3	169.9	51,859,000	53,317,000
					pounds	
Mustard seed ...	267,000	200,000	966	940	258,000,000	187,900,000
Sunflower seed .	48,000	70,500 ^r	708	785	34,000,000	55,350,000
					tons	
Tame hay	12,606,000	13,620,000	2.03	2.08	25,577,000	28,266,000
Fodder corn	682,100	701,300	12.40	13.54	8,459,000	9,496,000
Field roots	10,900	9,700	11.74	12.99	128,000	126,000
Sugar beets	79,227	68,722 ^r	13.61	13.24	1,078,221	909,642
PRINCE EDWARD						
ISLAND						
					bushels	
Spring wheat ...	2,500	3,600	37.0	34.7	92,000	125,000
Oats for grain .	71,000	65,000	57.6	45.2	4,089,000	2,938,000
Barley	20,000	20,000	52.7	37.2	1,054,000	744,000
Mixed grains ...	60,000	64,000	58.8	44.5	3,528,000	2,848,000
					cwt.	
Potatoes	53,000	55,000	202.1	186.4	10,710,000	10,252,000
					tons	
Tame hay	175,000	180,000	2.02	1.95	354,000	351,000
Field roots	1,500	1,000	13.50	13.00	20,000	13,000
NOVA SCOTIA						
					bushels	
Spring wheat ...	3,200	4,000	43.1	47.5	138,000	190,000
Oats for grain .	24,000	24,000	52.0	46.1	1,248,000	1,106,000
Barley	6,500	6,500	46.8	43.4	304,000	282,000
Mixed grains ...	12,500	10,700	52.1	47.5	651,000	508,000
					cwt.	
Potatoes	4,400	4,600	157.0	151.5	691,000	697,000
					tons	
Tame hay	207,000	202,000	1.84	1.82	381,000	368,000
Field roots	900	800	14.48	12.50	13,000	10,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1970 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1969 - Continued

Province and Crop	Area		Yield per acre		Production	
	1969	1970	1969	1970(1)	1969	1970(1)
	acres				bushels	
NEW BRUNSWICK						
Spring wheat	3,700	3,100	33.0	32.3	122,000	100,000
Oats for grain	69,000	65,000	45.9	39.4	3,167,000	2,561,000
Barley	10,000	6,900	40.9	37.7	409,000	260,000
Mixed grains	8,500	9,500	49.1	40.0	417,000	380,000
Buckwheat	3,000	3,500	33.2	33.7	100,000	118,000
Potatoes	62,000	55,000	213.0	205.4	cwt. 13,206,000	11,297,000
Tame hay	229,000	228,000	1.80	1.90	412,000	433,000
Field roots	800	600	8.28	11.67	7,000	7,000
QUEBEC						
Spring wheat	29,000	29,300	26.0	25.6	754,000	750,000
Oats for grain	975,000	925,000	39.4	37.4	38,415,000	34,595,000
Barley	23,600	24,500	36.7	35.3	866,000	865,000
Fall rye	4,500	4,200	25.0	22.5	112,000	94,000
Flaxseed	16,800	16,000	11.4	12.1	192,000	194,000
Mixed grains	93,800	95,000	40.0	37.3	3,752,000	3,544,000
Corn for grain	45,000	86,000	77.4	78.0	3,483,000	6,708,000
Buckwheat	13,200	13,300	22.0	21.8	290,000	290,000
Peas, dry	1,400	1,300	24.6	21.8	34,000	28,000
Beans, dry	1,000	1,000	18.0	18.0	18,000	18,000
Potatoes	68,000	67,000	113.2	121.5	cwt. 7,698,000	8,140,000
Tame hay	3,300,000	3,350,000	2.13	2.07	7,029,000	6,934,000
Fodder corn	93,100	100,000	11.66	12.80	1,086,000	1,280,000
Field roots	3,500	3,000	10.33	11.80	36,000	35,000
Sugar beets	9,298	9,000	17.04	18.89	158,441	170,000
ONTARIO						
Winter wheat	360,000	355,000	39.8	43.9	14,328,000	15,584,000
Spring wheat	9,300	9,000	26.0	30.0	242,000	270,000
All wheat	369,300	364,000	39.5	43.6	14,570,000	15,854,000
Oats for grain	810,000	750,000	52.8	58.2	42,768,000	43,650,000
Barley	315,000	335,000	50.0	51.8	15,750,000	17,353,000
Fall rye	60,000	62,000	26.2	28.0	1,572,000	1,736,000
Flaxseed	3,000	2,000	15.3	17.0	46,000	34,000
Mixed grains	855,000	880,000	58.5	60.6	50,018,000	53,328,000
Corn for grain	930,000	1,100,000	75.1	85.0	69,843,000	93,500,000
Buckwheat	13,500	10,000	24.6	24.0	332,000	240,000
Peas, dry	2,500	2,000	15.0	17.0	38,000	34,000
Beans, dry	89,000	81,000	21.7	22.7	1,933,000	1,839,000
Soybeans	322,000	335,000	23.8	31.0	7,664,000	10,385,000
Potatoes	45,500	47,500	187.5	217.5	cwt. 8,531,000	10,331,000
Tame hay	3,150,000	3,000,000	2.74	2.55	8,631,000	7,650,000
Fodder corn	550,000	565,000	12.70	13.90	6,985,000	7,854,000
Field roots	4,200	4,300	12.50	14.25	52,000	61,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1970 Production of Principal Field Crops in Canada,
Compared with latest Estimates for 1969 - Continued

Province and crop	Area		Yield per acre		Production	
	1969	1970	1969	1970(1)	1969	1970(1)
	acres				bushels	
MANITOBA						
Spring wheat(2)	2,500,000	1,400,000	25.6	21.8	64,000,000	30,500,000
Oats for grain ..	1,530,000	1,260,000	45.1	42.1	69,000,000	53,000,000
Barley	1,200,000	1,500,000	35.0	34.0	42,000,000	51,000,000
Fall rye	180,000	190,000	18.3	21.6	3,300,000	4,100,000
Spring rye	3,000	4,000	19.3	19.2	58,000	77,000
All rye	183,000	194,000	18.3	21.5	3,358,000	4,177,000
Flaxseed	1,100,000	1,150,000	9.3	10.9	10,200,000	12,500,000
Mixed grains	190,000	250,000	37.4	36.8	7,100,000	9,200,000
Corn for grain ..	3,000	3,500 ^r	33.3	40.0	100,000	140,000
Buckwheat	50,000	80,000	13.0	17.5	650,000	1,400,000
Peas, dry	52,000	60,000	14.4	17.0	750,000	1,020,000
Rapeseed	196,000	350,000	17.9	18.0	3,500,000	6,300,000
					cwt.	
Potatoes	29,000	33,000	131.0	112.1	3,800,000	3,700,000
					pounds	
Mustard seed	37,000	25,000	810	840	30,000,000	21,000,000
Sunflower seed ..	48,000	65,000 ^r	708	800	34,000,000	52,000,000
					tons	
Tame hay	1,000,000	1,160,000	1.90	1.92	1,900,000	2,230,000
Fodder corn	23,000	20,000	6.84	6.00	157,000	120,000
Sugar beets	31,062	23,022 ^r	11.05	9.39	343,169	216,142
SASKATCHEWAN						
Spring wheat(2)	16,600,000	8,000,000	27.8	26.2	461,000,000	210,000,000
Oats for grain	2,100,000	1,950,000 ^r	51.0	56.4	107,000,000	110,000,000
Barley	2,700,000	3,300,000	40.4	43.0	109,000,000	142,000,000
Fall rye	440,000	460,000	15.7	22.0	6,900,000	10,100,000
Spring rye	56,000	75,000	16.1	18.7	900,000	1,400,000
All rye	496,000	535,000	15.7	21.5	7,800,000	11,500,000
Flaxseed	770,000	1,500,000	14.0	16.5	10,800,000	24,800,000
Mixed grains	135,000	175,000	41.5	42.9	5,600,000	7,500,000
Buckwheat	10,000	25,000 ^r	17.1	17.0	171,000	425,000
Peas, dry	1,700	2,500	25.9	22.4	44,000	56,000
Rapeseed	1,000,000	2,000,000	18.2	18.0	18,200,000	36,000,000
					cwt.	
Potatoes	7,200	8,800	79.6	102.3	573,000	900,000
					pounds	
Mustard seed	180,000	120,000	990	985	178,000,000	118,200,000
Sunflower seed ..	—	3,000 ^r	—	650	—	1,950,000
					tons	
Tame hay	1,200,000	1,600,000	1.39	1.75	1,670,000	2,800,000
Fodder corn	5,000	4,000	4.00	3.00	20,000	12,000
ALBERTA						
Spring wheat(2)	5,300,000	2,600,000	26.4	27.7	140,000,000	72,000,000
Oats for grain ..	2,000,000	2,050,000 ^r	51.0	57.1	102,000,000	117,000,000
Barley	5,100,000	4,700,000	40.0	42.1	204,000,000	198,000,000
Fall rye	133,000	155,000	18.8	23.2	2,500,000	3,600,000
Spring rye	47,000	60,000	21.3	19.2	1,000,000	1,150,000
All rye	180,000	215,000	19.4	22.1	3,500,000	4,750,000

See page 10 for footnotes.

TABLE 1. November Estimate of the 1970 Production of Principal Field Crops in Canada,
Compared with latest Estimates for 1969 - Concluded

Province and crop	Area		Yield per acre		Production	
	1969	1970	1969	1970(1)	1969	1970(1)
	acres		bushels			
ALBERTA						
Flaxseed	450,000	700,000	14.0	16.3	6,300,000	11,400,000
Mixed grains	380,000	450,000	42.1	46.7	16,000,000	21,000,000
Buckwheat	10,000	20,000 ^r	15.2	18.0	152,000	360,000
Peas, dry	13,000	18,000	27.2	24.4	354,000	440,000
Rapeseed	816,000	1,600,000	14.3	18.1	11,700,000	29,000,000
Potatoes	27,000	32,000	166.7	178.1	cwt. 4,500,000	5,700,000
Mustard seed	50,000	55,000	1,000	885	pounds 50,000,000	48,700,000
Sunflower seed ..	—	2,500 ^r	—	560	—	1,400,000
					tons	
Tame hay	2,900,000	3,400,000	1.37	1.82	4,000,000	6,200,000
Sugar beets	38,867	36,700 ^r	14.84	14.26	576,611	523,500
BRITISH COLUMBIA						
					bushels	
Spring wheat	160,000	80,000	22.5	25.0	3,600,000	2,000,000
Oats for grain ..	76,000	60,000	48.7	50.0	3,700,000	3,000,000
Barley	160,000	150,000	31.2	34.7	5,000,000	5,200,000
Fall rye	3,800	4,500	39.7	37.8	151,000	170,000
Flaxseed	900	300	11.1	13.3	10,000	4,000
Mixed grains	5,500	5,600	50.9	47.3	280,000	265,000
Peas, dry	2,400	2,600	25.0	20.4	60,000	53,000
Potatoes	10,200	11,000	210.8	209.1	cwt. 2,150,000	2,300,000
					tons	
Tame hay	445,000	500,000	2.70	2.60	1,200,000	1,300,000
Fodder corn	11,000	12,300	19.18	18.70	211,000	230,000

(1) As indicated on the basis of conditions on or about October 22.

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

r Revised figures.

TABLE 2. November Estimate of the 1970 Production of Durum Wheat(1)
in the Prairie Provinces Compared with 1969

Province	Area		Yield per acre		Production	
	1969	1970	1969	1970(2)	1969	1970(2)
	acres				bushels	
Manitoba	170,000	115,000	23.5	20.9	4,000,000	2,400,000
Saskatchewan	2,600,000	2,500,000	26.2	26.4	68,000,000	66,000,000
Alberta	384,000	450,000	28.6	27.8	11,000,000	12,500,000
Totals	3,154,000	3,065,000	26.3	26.4	83,000,000	80,900,000

(1) Included with spring wheat in Table 1.

(2) As indicated on the basis of conditions on or about October 22.

TABLE 3. November Estimate of the 1970 Production of Principal Grain Crops in the Prairie Provinces, Compared with the Latest Estimates for 1969

Crops	Area		Yield per acre		Production	
	1969	1970	1969	1970(1)	1969	1970(1)
	acres				bushels	
<u>PRAIRIE PROVINCES</u>						
Wheat(2)	24,400,000	12,000,000	27.3	26.0	665,000,000	312,500,000
Oats for grain ..	5,630,000	5,260,000 ^r	49.4	53.2	278,000,000	280,000,000
Barley	9,000,000	9,500,000	39.4	41.2	355,000,000	391,000,000
Rye	859,000	944,000	17.1	21.6	14,658,000	20,427,000
Flaxseed	2,320,000	3,350,000	11.8	14.5	27,300,000	48,700,000
Rapeseed	2,012,000	3,950,000	16.6	18.1	33,400,000	71,300,000
<u>MANITOBA</u>						
Wheat(2)	2,500,000	1,400,000	25.6	21.8	64,000,000	30,500,000
Oats for grain ..	1,530,000	1,260,000	45.1	42.1	69,000,000	53,000,000
Barley	1,200,000	1,500,000	35.0	34.0	42,000,000	51,000,000
Rye	183,000	194,000	18.3	21.5	3,358,000	4,177,000
Flaxseed	1,100,000	1,150,000	9.3	10.9	10,200,000	12,500,000
Rapeseed	196,000	350,000	17.9	18.0	3,500,000	6,300,000
<u>SASKATCHEWAN</u>						
Wheat(2)	16,600,000	8,000,000 ^r	27.8	26.2	461,000,000	210,000,000
Oats for grain ..	2,100,000	1,950,000	51.0	56.4	107,000,000	110,000,000
Barley	2,700,000	3,300,000	40.4	43.0	109,000,000	142,000,000
Rye	496,000	535,000	15.7	21.5	7,800,000	11,500,000
Flaxseed	770,000	1,500,000	14.0	16.5	10,800,000	24,800,000
Rapeseed	1,000,000	2,000,000	18.2	18.0	18,200,000	36,000,000
<u>ALBERTA</u>						
Wheat(2)	5,300,000	2,600,000 ^r	26.4	27.7	140,000,000	72,000,000
Oats for grain ..	2,000,000	2,050,000	51.0	57.1	102,000,000	117,000,000
Barley	5,100,000	4,700,000	40.0	42.1	204,000,000	198,000,000
Rye	180,000	215,000	19.4	22.1	3,500,000	4,750,000
Flaxseed	450,000	700,000	14.0	16.3	6,300,000	11,400,000
Rapeseed	816,000	1,600,000	14.3	18.1	11,700,000	29,000,000

(1) As indicated on the basis of conditions on or about October 22.

(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 1971 Field Crops

By mid-October this year Canadian farmers had prepared an estimated 66 per cent of the land intended for field crops in 1971 compared to 45 per cent a year earlier. By provinces, percentages of next year's crop land prepared by October 15, 1970 with last year's comparable figures in brackets, were estimated as follows: Prince Edward Island, 38 (38); Nova Scotia, 36 (49); New Brunswick, 44 (50); Quebec, 51 (60); Ontario, 55 (50); Manitoba, 76 (55); Saskatchewan, 70 (44); Alberta, 62 (38); and British Columbia, 65 (50).

Area and Condition of
Winter Wheat and Fall Rye

Preliminary estimates indicate that the area seeded to winter wheat in Ontario in 1970 is 375,000 acres, some 20,000 above the 1970 harvested area and one per cent

above the 372,000 acres seeded in the fall of 1969. The area seeded to fall rye in Canada was increased by about 10 per cent. Estimates of acreage for both crops, however, are subject to revision on the basis of results from the Bureau's 1971 annual acreage survey.

Of the Bureau's correspondents reporting on the condition of Ontario winter wheat at mid-October, 65 per cent indicated that condition was average for that time of the year. Above average condition was reported by 28 per cent with the remainder, 7 per cent, reporting below average conditions.

The area seeded to fall rye in Canada in 1970 is tentatively estimated at 963,700 acres, compared to last year's 875,700 acres.

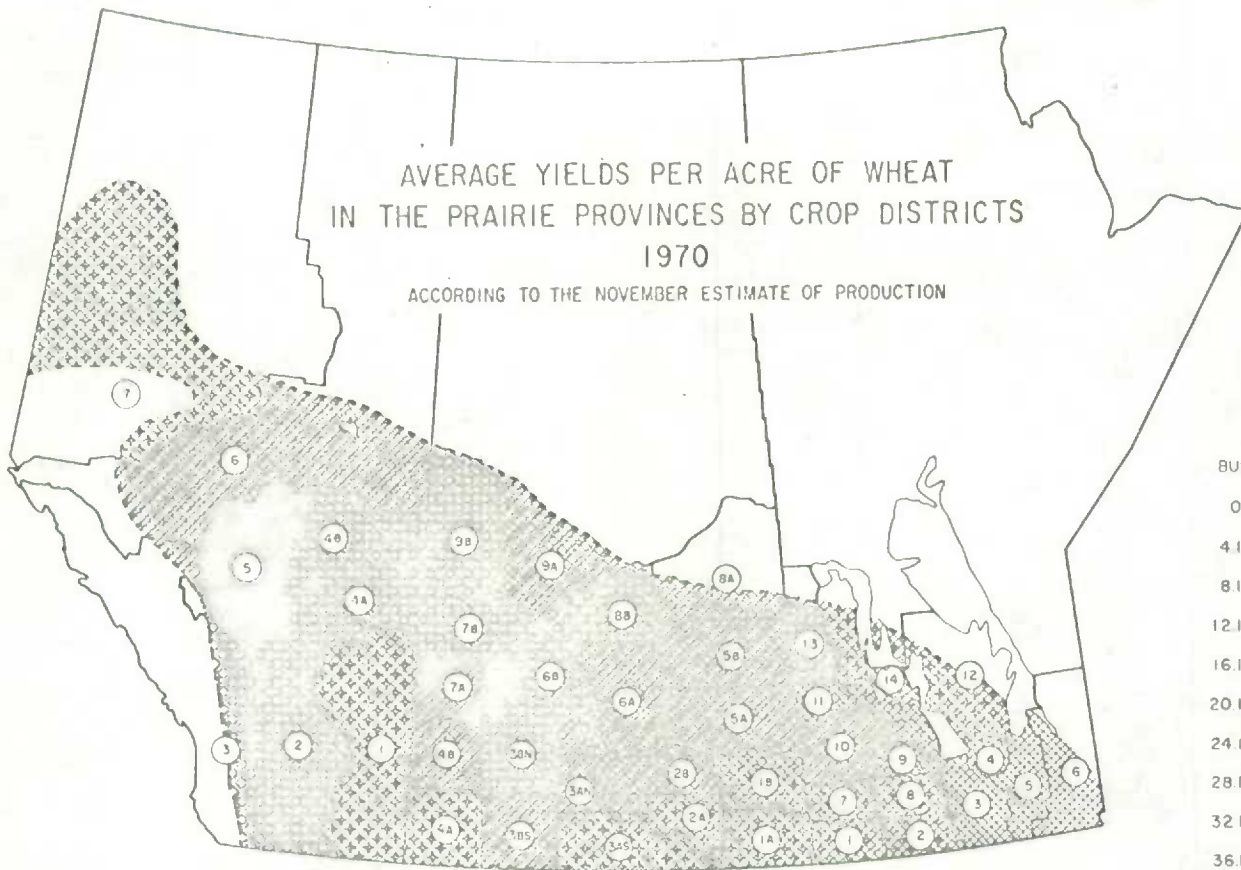
TABLE 4. Area and Condition of Fall Rye Seeded in Canada
1970 Compared with 1969

Province	Area			Proportion of correspondents Reporting mid-october condition					
	Seeded in 1969	Seeded in 1970(1)		Above average		Average		Below average	
		% of 1969	Area	1969	1970	1969	1970	1969	1970
	acres	%	acres	per cent					
CANADA	875,700	110	963,700	13	15	67	74	20	11
Que.	4,200	100	4,200	26	15	61	67	13	18
Ont.	62,000	105	65,000	7	20	74	74	19	6
Man.	190,000	95	180,000	11	16	76	75	13	9
Sask.	460,000	120	552,000	15	15	64	72	21	13
Alta.	155,000	102	158,000	14	12	61	74	25	14
B.C.	4,500	100	4,500	16	13	67	73	17	14

(1) Preliminary estimate: subject to revision on basis of results of the Bureau's 1971 annual acreage survey.

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES BY CROP DISTRICTS 1970

ACCORDING TO THE NOVEMBER ESTIMATE OF PRODUCTION



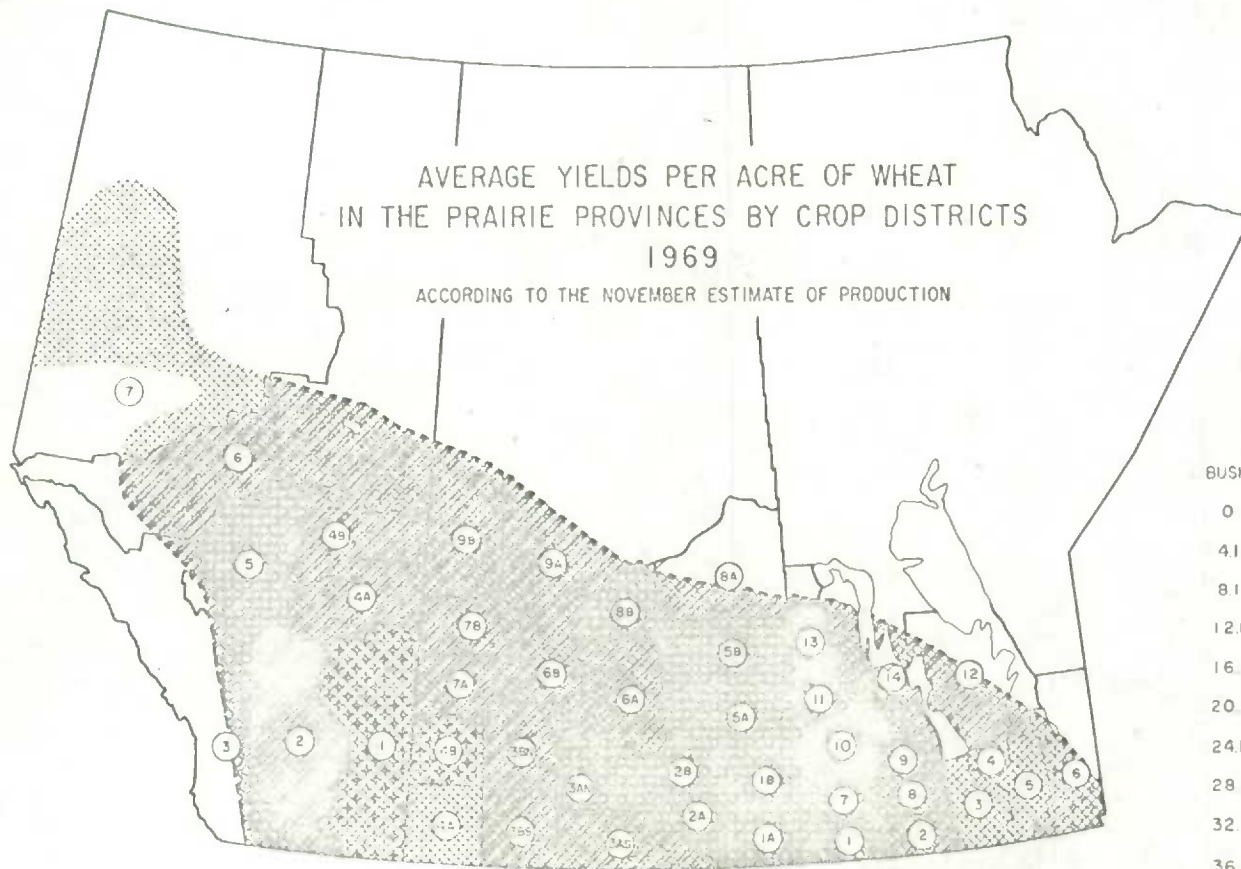
LEGEND

BUSHEL PER ACRE

0-40	
41-80	
81-120	
121-160	
161-200	
201-240	
241-280	
281-320	
321-360	
361-400	

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES BY CROP DISTRICTS 1969

ACCORDING TO THE NOVEMBER ESTIMATE OF PRODUCTION



LEGEND

BUSHEL PER ACRE

0-40	
41-80	
81-120	
121-160	
161-200	
201-240	
241-280	
281-320	
321-360	
361-400	

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