

FIELD CROPS OF CANADA

Ottawa, September 10, 1942, 3 p.m.- The Dominion Bureau of Statistics issues today a bulletin reporting for 1942 (1) the first estimate of the production of the principal grain crops and hay and clover and (2) the condition of late-sown crops. The estimates are based on schedules returned by crop correspondents, including farmers throughout Canada, and bank managers, rural **postmasters** and railway and elevator agents in the Prairie Provinces. The 1942 acreages are from the Annual June Survey, while those for 1941 are the preliminary returns from the Census. The 1941 production estimates have been provisionally revised to conform with the 1941 Census acreages. The yields per acre, however, are the same as those published in the third estimate of the 1941 crops issued on January 21 last, with the exception of the 1941 yields for wheat in the Prairie Provinces. These latter have been revised on the basis of preliminary disposition data available for the 1941 crop in the three western provinces. Final revisions in the 1941 estimates will not be possible until the Census returns on acreages have been revised.

SUMMARY

Canada's total wheat production in 1942 is placed at an all-time record level of 615,243,000 bushels, according to the first estimate of the season. The 1942 volume is almost double the 311,825,000 bushels produced in 1941, and exceeds by 48,517,000 bushels the previous record crop of 566,726,000 bushels harvested in 1928. This year's unprecedented outturn is being realized despite the fact that the 1942 wheat acreage has been held slightly under that of 1941, and substantially below the acreage levels of the preceding fifteen years. Notwithstanding, the exceptionally favourable weather conditions during the growing season in the Prairie Provinces, where more summer-fallowed land was available for wheat growing than in any previous year, have resulted in the harvesting of new high per acre yields.

In eastern Canada and in British Columbia wheat yields were better than in 1941. The 1942 fall wheat crop in Ontario totalled 23,997,000 bushels, and spring wheat production in all provinces amounted to 591,246,000 bushels. The latter figure includes the 1942 wheat crop in the Prairie Provinces estimated at 587,000,000 bushels, which is twice the 1941 crop of 293,000,000 bushels. By provinces, the 1942 wheat estimate for the Prairies is distributed as follows: Manitoba 52,000,000; Saskatchewan 350,000,000; Alberta 185,000,000 bushels. The estimates for Manitoba and Saskatchewan include Durum wheat production of 2,700,000 bushels and 7,000,000 bushels respectively, making a total 1942 Durum wheat production of 9,700,000 bushels. Because of the heavy rains and cool weather during the growing season, harvesting in the Prairie Provinces is just now getting into full swing with a week of good drying weather having elapsed since the rains at the end of August. Because of the lateness of the crop, it is still too early to make an appraisal of the quality, although frost has already lowered grades in northern and north-eastern Alberta and north-western Saskatchewan.

Feed grain supplies for Canada as a whole are now the best in history with a record production of oats and barley accompanying Canada's largest wheat crop. Not only were the acreages sown to oats and barley considerably expanded this year in the Prairie Provinces, but new high average yields for both grains in the three provinces were established. Throughout the eastern provinces and British Columbia more favourable oat and barley yields were realized too, in comparison with last year. For all Canada the 1942 production of oats is estimated at 660,716,000 bushels, which is more than double last year's production of 305,575,000 bushels. The 1942 production of barley in Canada is placed at 272,910,000 bushels, almost two and-a-half times the 1941 production of 110,566,000 bushels. Fall rye is estimated at 19,381,000 bushels, and spring rye at 7,113,000 bushels, making a total rye production of 26,494,000 bushels, as compared with the 1941 crop of 11,659,000 bushels. Both the acreages and yields per acre of rye were higher in 1942 than in 1941. Flaxseed production for all Canada is estimated at 16,981,000 bushels for 1942, as compared with 6,566,000 bushels for 1941. Flaxseed acreages and yields in 1942 were both substantially higher than in 1941.

The production of hay and clover in 1942 at 15,498,000 tons, shows an increase of 2,866,000 tons over the 1941 production of 12,632,000 tons. Except in Prince Edward Island and in Manitoba larger crops of hay and clover were obtained in 1942 than in 1941.

The condition of late-sown crops and pastures at August 31, 1942, was generally better than on the same date a year ago. This was true of the legumes and late grains, potatoes, roots, alfalfa, sugar beets and pastures. Husking corn in both Ontario and Manitoba was below last year's condition, while fodder corn for Canada as a whole was unchanged from last year's condition. Potatoes in the Maritime Provinces and British Columbia were about the same as in 1941, and were above last year's prospects in the central and Prairie Provinces. Sugar beets in Ontario were slightly less promising than in 1941, but in Manitoba and Alberta the prospects were for higher yields this year. Except in the Maritime Provinces, pastures were in better condition at August 31 than on the same date in 1941.

WHEAT PRODUCTION IN THE PRAIRIE PROVINCES

Considering the Prairie Provinces as a whole, the 1942 wheat crop is the largest on record both in respect to yield and production. The 1942 average yield per acre for the three provinces is 28.4 bushels as compared with the previous record average of 26 bushels in 1915. The 1942 production estimated at 587 million bushels exceeds by 42.4 millions the previous record production of 544.6 million bushels harvested in 1928. By provinces, the 1942 average yield of 26.9 bushels in Manitoba is 2.1 bushels per acre higher than the previously high yield of 24.8 bushels in 1915. The 1942 production of 52 millions, however, has been exceeded in several years as a result of larger acreages, with the highest Manitoba production totalling 69.3 million bushels in 1915. In Saskatchewan the 1942 average yield of 28.3 bushels surpassed by 3.2 bushels the 1915 record of 25.1 bushels per acre. Despite a lower acreage than in 1928, the 1942 production of 350 millions is higher by 28.8 million bushels than the 1928 production of 321.2 millions. Alberta's 1942 yield per acre of 29 bushels is actually 2.1 bushels lower than the record 1915 yield of 31.1 bushels. The 1942 production of 185 million bushels, however, has established a new record outturn for the province, having bettered by 4.3 million bushels the 1940 production of 180.7 millions.

The 1942 harvesting season in the Prairie Provinces is about three weeks later than in the several preceding years, with cutting becoming general in Saskatchewan and Alberta as late as the first week in September. Harvesting in all three provinces came to a standstill during the last week of August as a result of showers and heavy rains which reached cloudburst proportions in south-central and south-eastern Saskatchewan. In Manitoba the weather has been excellent over the past week-end, with hot, drying weather clearing up the moisture-laden fields. Cutting is now nearing completion and threshing is becoming general. Saskatchewan likewise enjoyed good drying weather over the week-end and wheat cutting is now more than thirty per cent completed, with more than half the coarse grains cut. It still remains to be seen whether some of the wheat twisted and lodged in the south-central and Regina-Weyburn districts can be recovered successfully, and this will have a bearing on the final yield results. Alberta has enjoyed good drying weather since the rains stopped on September 1. Harvesting has been progressing very rapidly with cutting under way in all districts and threshing beginning in the southern and eastern portions of the province. Frost of varying intensity on the morning of September 2 affected crops in the Edmonton and northern Alberta districts as well as north-western Saskatchewan, and it is expected that the wheat grades in these districts will suffer in consequence. As a whole, the western wheat crop is very well filled this year, and barring further rains during harvesting the crops in Manitoba and central and southern Alberta should make the top grades. In southern and south-western Saskatchewan a high percentage of piebald kernels have shown up in the early samples which were grading No. 2 Northern. In view of the lateness of the crop, it is still too early to obtain a definite indication of the grades.

CHARTS SHOWING THE AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES

BY CROP DISTRICTS, 1942 AND 1941

The charts on the last page of this report indicate the crop district wheat yields per acre across the Prairie Provinces in 1942, with comparisons for 1941.

Manitoba - The provincial average wheat yield for Manitoba at 26.9 bushels per acre represents an increase of 6 bushels per acre over that of 1941. This year an appreciable amount of hail damage held the average yield in Crop District 1 to 22.3 bushels per acre. Elsewhere in the province yields ranged from 25 bushels in District 6 on the eastern fringe of the province to 31.8 bushels in District 10 along the Saskatchewan boundary. The average yield in Crop District 3, extending from the Red River Valley to the Portage Plains was 27.6 bushels in 1942, some 7 bushels better than a year ago. The north-western districts all have high yields this year. The variation in yields by districts in 1941 was very small with a somewhat lighter crop being harvested in Crop Districts 1, 13 and 14 than in the remainder of the districts in which average yields per acre ranging between 20 and 22 bushels were harvested.

Saskatchewan - The 1942 provincial wheat yield per acre at 28.3 bushels is considerably more than double the 1941 provincial yield of 11.9 bushels. This year's yields, besides being high are unusually uniform. The lowest average yields are in the south-west Crop Districts 4B at 22.7 bushels and 4A at 23.1 bushels. The highest average yield is in the north-east in Crop District 8A at 33.2 bushels per acre. Crop Districts 5B, 7A, 8A, 8B and 9A all have average yields in excess of 30 bushels per acre. A year ago the only yields above 20 bushels per acre occurred in Districts 1A and 1B, while the central southern Districts 3AN, 3BS, 3BN, the central Districts 6A and 6B and Districts 7B and 9B in the north-west all had yields ranging between 5 and 10 bushels per acre.

Alberta - Alberta's provincial average yield in 1942 at 29 bushels per acre is almost double the provincial yield of 15 bushels in 1941. The lowest average yields this year are in District 16 in Peace River at 24.5 bushels and in District 1 in the south-east and District 7 in the east-centre, which each have an average yield of 24.8 bushels. All the western side of the province including Crop Districts 2, 4, 6, 8, 9, 11 and the north-eastern and northern Districts 10, 13, 14 have average yields above 30 bushels per acre. The highest average yield is reported in Crop District 11 in the Edmonton district at 34.3 bushels. In the previous year Crop Districts 5 and 7 suffered serious crop losses with average yields around 7 to 8 bushels. Only Crop Districts 9 in the west, and 14, 15, 16 and 17 in the north and Peace River districts had yields better than 20 bushels per acre in 1941.

FIRST ESTIMATE OF THE PRODUCTION OF GRAIN CROPS

The total production of the principal grain crops in Canada in 1942 is now estimated, in bushels, as follows with the 1941 figures within brackets: Fall wheat 23,997,000 (15,056,000); spring wheat 591,246,000 (296,769,000); all wheat 615,243,000 (311,825,000); oats 660,716,000 (305,575,000); barley 272,910,000 (110,566,000); fall rye 19,381,000 (9,257,000); spring rye 7,113,000 (2,402,000); all rye 26,494,000 (11,659,000); flaxseed 16,981,000 (6,566,000). The average yields per acre, in bushels, are estimated as follows, with the 1941 averages within brackets: Fall wheat 31.7 (26.6); spring wheat 28.4 (13.9); all wheat 28.5 (14.3); oats 47.9 (24.9); barley 39.1 (20.8); fall rye 19.1 (12.9); spring rye 22.0 (10.1); all rye 19.8 (12.2); flaxseed 11.4 (6.6).

PRODUCTION OF GRAIN CROPS IN THE PRAIRIE PROVINCES

For the three Prairie Provinces the first estimate of the production of grain crops in 1942, in bushels, is as follows, with the 1941 figures within brackets: Wheat 587,000,000 (293,000,000); oats 508,000,000 (178,000,000); barley 255,000,000 (94,700,000); rye 24,693,000 (9,989,000); flaxseed 16,700,000 (6,119,000). By provinces the total yields are: Manitoba - Wheat 52,000,000 (51,000,000); oats 70,000,000 (41,700,000); barley 80,000,000 (40,000,000); rye 3,744,000 (2,818,000); flaxseed 2,500,000 (1,377,000). Saskatchewan - Wheat 350,000,000 (145,000,000); oats 260,000,000 (72,500,000); barley 98,000,000 (26,700,000); rye 16,295,000 (5,311,000); flaxseed 11,800,000 (4,086,000). Alberta - Wheat 185,000,000 (97,000,000); oats 178,000,000 (63,800,000); barley 77,000,000 (28,000,000); rye 4,654,000 (1,860,000); flaxseed 2,400,000 (956,000).

FIRST ESTIMATE OF THE PRODUCTION OF HAY AND CLOVER

The total production of hay and clover in Canada in 1942 is estimated at 15,498,000 tons from 9,707,000 acres, as compared with 12,332,000 tons from 9,559,000 acres in 1941, yields per acre of 1.60 tons and 1.32 tons respectively. By provinces the total production, in tons, is as follows, with last year's figures within brackets: Prince Edward Island 299,000 (349,000); Nova Scotia 683,000 (632,000); New Brunswick 909,000 (888,000); Quebec 5,121,000 (4,103,000); Ontario 5,806,000 (4,296,000); Manitoba 834,000 (922,000); Saskatchewan 554,000 (437,000); Alberta 810,000 (605,000); British Columbia 482,000 (400,000).

CONDITION OF LATE-SOWN CROPS

At August 31, 1942, the condition of late-sown crops for all Canada, expressed in percentages of the long-time average yields per acre, is reported as follows, with the condition figures for July 31, 1942, and August 31, 1941, within brackets: Peas 95 (96, 82); beans 90 (91, 81); buckwheat 94 (94, 91); mixed grains 104 (98, 84); corn for husking 92 (91, 97); potatoes 96 (98, 88); turnips, etc. 96 (94, 89); alfalfa 101 (-, 84); fodder corn 95 (92, 95); sugar beets 101 (99, 95); pasture 97 (99, 83).

1. First Estimate of the Production of Wheat, Oats, Barley, Rye, Flaxseed and Hay and Clover in Canada in 1942 as compared with 1941.

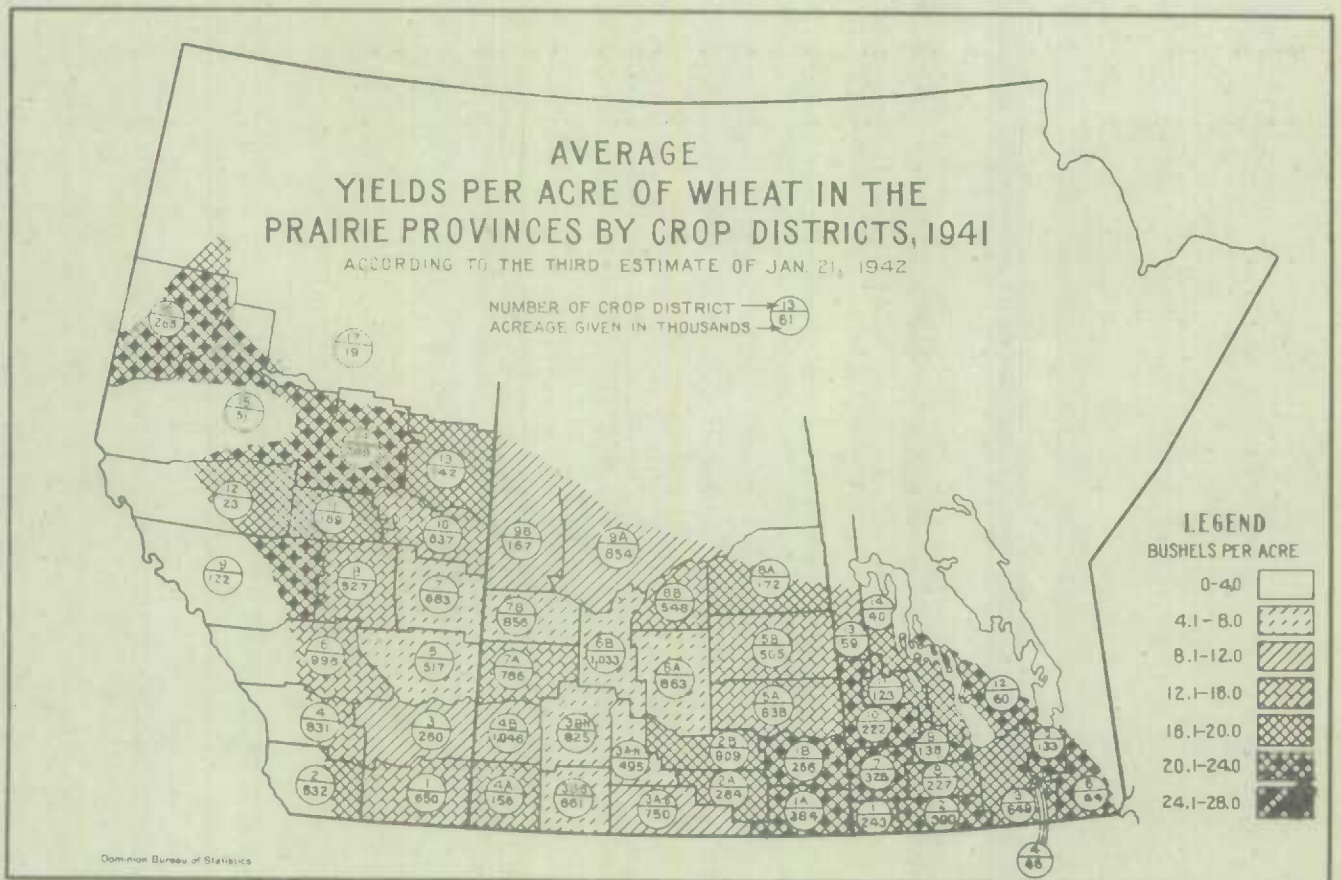
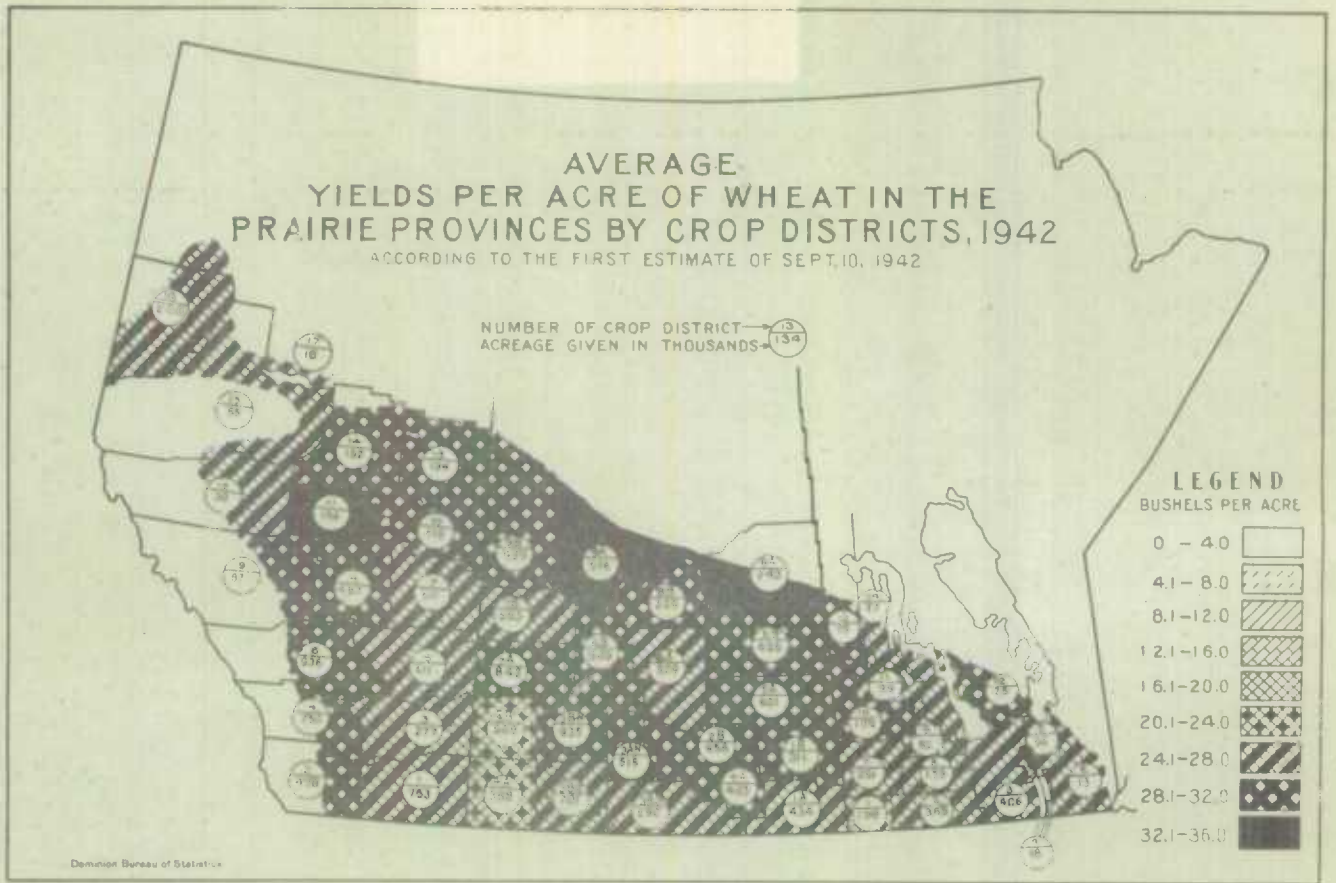
Field crops	1941 1/	1942	1941	1942	1941 1/	1942
	acres	acres	bush.	bush.	bush.	bush.
CANADA -						
			per acre	per acre		
Fall wheat	566,000	757,000	26.6	31.7	15,056,000	23,997,000
Spring wheat	21,316,200	20,829,500	13.9	28.4	296,769,000	591,246,000
All wheat	21,882,200	21,586,500	14.3	28.5	311,825,000	615,243,000
Oats	12,265,800	13,782,300	24.9	47.9	305,575,000	660,716,000
Barley	5,304,000	6,972,900	20.8	39.1	110,566,000	272,910,000
Fall rye	719,300	1,013,600	12.9	19.1	9,257,000	19,381,000
Spring rye	239,000	323,200	10.1	22.0	2,402,000	7,113,000
All rye	958,300	1,336,800	12.2	19.8	11,659,000	26,494,000
Flaxseed	996,500	1,492,200	6.6	11.4	6,566,000	16,981,000
			tons		tons	
Hay and clover	9,559,000	9,707,000	1.32	1.60	12,632,000	15,498,000
PRINCE EDWARD ISLAND -						
			bush.		bush.	
Spring wheat	9,900	9,000	17.0	17.0	168,000	153,000
Oats	125,000	125,000	27.0	31.0	3,375,000	3,875,000
Barley	13,100	13,000	22.0	26.0	288,000	338,000
			tons		tons	
Hay and clover	218,000	230,000	1.60	1.30	349,000	299,000
NOVA SCOTIA -						
			bush.		bush.	
Spring wheat	2,200	2,500	18.0	23.0	40,000	58,000
Oats	69,300	69,000	34.0	38.0	2,356,000	2,622,000
Barley	12,900	13,000	27.0	30.0	348,000	390,000
			tons		tons	
Hay and clover	383,000	390,000	1.65	1.75	632,000	683,000
NEW BRUNSWICK -						
			bush.		bush.	
Spring wheat	4,700	3,800	17.0	22.0	80,000	84,000
Oats	193,000	197,000	31.0	36.0	5,983,000	7,092,000
Barley	17,000	18,400	28.0	31.0	476,000	570,000
			tons		tons	
Hay and clover	555,000	606,000	1.60	1.50	888,000	909,000
QUEBEC -						
			bush.		bush.	
Spring wheat	29,600	28,700	18.0	20.0	533,000	574,000
Oats	1,695,000	1,686,000	27.9	30.0	47,291,000	50,580,000
Barley	144,000	138,600	25.8	28.0	3,715,000	3,881,000
Spring rye	13,300	11,100	17.4	17.0	231,000	189,000
			tons		tons	
Hay and clover	3,871,000	4,001,000	1.06	1.28	4,103,000	5,121,000
ONTARIO -						
			bush.		bush.	
Fall wheat	566,000	757,000	26.6	31.7	15,056,000	23,997,000
Spring wheat	45,000	42,000	18.4	22.0	828,000	924,000
All wheat	611,000	799,000	26.0	31.2	15,884,000	24,921,000
Oats	1,965,000	1,966,000	33.0	43.1	64,845,000	84,735,000
Barley	364,000	353,000	28.7	33.6	10,447,000	11,861,000
Fall rye	81,300	78,600	17.0	20.2	1,382,000	1,588,000
Flaxseed	11,800	24,000	9.6	10.4	113,000	250,000
			tons		tons	
Hay and clover	3,136,000	3,105,000	1.37	1.87	4,296,000	5,806,000
MANITOBA -						
			bush.		bush.	
Spring wheat	2,442,000	1,930,000	20.9	26.9	51,000,000	52,000,000
Oats	1,308,000	1,480,000	31.9	47.3	41,700,000	70,000,000
Barley	1,531,000	2,021,000	26.1	39.6	40,000,000	80,000,000
Fall rye	149,000	145,000	16.3	20.3	2,429,000	2,944,000
Spring rye	27,000	39,000	14.4	20.5	389,000	800,000
All rye	176,000	184,000	16.0	20.3	2,818,000	3,744,000
Flaxseed	170,000	227,000	8.1	11.0	1,377,000	2,500,000
			tons		tons	
Hay and clover	419,000	417,000	2.20	2.00	922,000	834,000
SASKATCHEWAN -						
			bush.		bush.	
Spring wheat	12,217,000	12,353,000	11.9	28.3	145,000,000	350,000,000
Oats	4,030,000	4,902,000	18.0	53.0	72,500,000	260,000,000
Barley	1,661,000	2,468,000	16.1	39.7	26,700,000	98,000,000
Fall rye	384,000	650,000	10.6	18.3	4,070,000	11,895,000
Spring rye	141,000	197,000	8.8	22.3	1,241,000	4,400,000
All rye	525,000	847,000	10.1	19.2	5,311,000	16,295,000
Flaxseed	681,000	1,056,000	6.0	11.2	4,086,000	11,800,000
			tons		tons	
Hay and clover	319,000	277,000	1.37	2.00	437,000	554,000

	1941 1/	1942	1941	1942	1941 1/	1942
	acres		bushels per acre		bushels	
ALBERTA -						
Spring wheat	6,481,000	6,370,000	15.0	29.0	97,000,000	185,000,000
Oats	2,799,000	3,284,000	22.8	54.3	63,800,000	178,000,000
Barley	1,543,000	1,925,000	18.1	40.0	28,000,000	77,000,000
Fall rye	105,000	140,000	13.1	21.1	1,376,000	2,954,000
Spring rye	55,000	75,000	8.8	22.7	484,000	1,700,000
All rye	160,000	215,000	11.6	21.6	1,860,000	4,654,000
Flaxseed	131,000	183,000	7.3	13.1	956,000	2,400,000
			tons		tons	
Hay and clover	465,000	463,000	1.30	1.75	605,000	810,000
BRITISH COLUMBIA -						
			bushels		bushels	
Spring wheat	84,800	90,500	25.0	27.1	2,120,000	2,453,000
Oats	81,500	73,300	45.7	52.0	3,725,000	3,812,000
Barley	18,000	22,900	32.9	38.0	592,000	870,000
Spring rye	2,700	1,100	21.0	22.0	57,000	24,000
Flaxseed	2,700	2,200	12.5	14.0	34,000	31,000
			tons		tons	
Hay and clover	193,000	218,000	2.07	2.21	400,000	482,000

2. Area and Production of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1941 and 1942.

Province and Crop	1941 1/	1942	1941 1/	1942
	acres		bushels	
PRAIRIE PROVINCES -				
Wheat	21,140,000	20,653,000	293,000,000	587,000,000
Oats	8,137,000	9,666,000	178,000,000	508,000,000
Barley	4,735,000	6,414,000	94,700,000	255,000,000
Rye	861,000	1,246,000	9,989,000	24,693,000
Flaxseed	982,000	1,466,000	6,419,000	16,700,000
MANITOBA -				
Wheat	2,442,000	1,930,000	51,000,000	52,000,000
Oats	1,308,000	1,480,000	41,700,000	70,000,000
Barley	1,531,000	2,021,000	40,000,000	80,000,000
Rye	176,000	184,000	2,818,000	3,744,000
Flaxseed	170,000	227,000	1,377,000	2,500,000
SASKATCHEWAN -				
Wheat	12,217,000	12,353,000	145,000,000	350,000,000
Oats	4,030,000	4,902,000	72,500,000	260,000,000
Barley	1,661,000	2,468,000	26,700,000	98,000,000
Rye	525,000	847,000	5,311,000	16,295,000
Flaxseed	681,000	1,056,000	4,086,000	11,800,000
ALBERTA -				
Wheat	6,481,000	6,370,000	97,000,000	185,000,000
Oats	2,799,000	3,284,000	63,800,000	178,000,000
Barley	1,543,000	1,925,000	28,000,000	77,000,000
Rye	160,000	215,000	1,860,000	4,654,000
Flaxseed	131,000	183,000	956,000	2,400,000

1/ The 1941 production estimates have been provisionally revised to conform with the 1941 Census acreages. The yields per acre, however, are the same as those published in the third estimate of the 1941 crops issued on January 21 last, with the exception of the 1941 yields for wheat in the Prairie Provinces. These latter have been revised on the basis of preliminary disposition data available for the 1941 crop in the three western provinces. Final revisions in the 1941 estimates will not be possible until the Census returns on acreages have been revised.



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