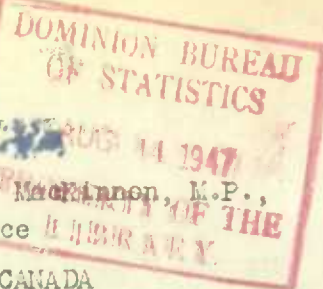


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C.R. No. 18
1947

DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL DIVISION

\$2.00 per year

Dominion Statistician: Herbert Marshall
Director, Agricultural Division: C. V. Parker
Chief, Crop Branch: W. D. Porter

FIRST ESTIMATE OF CANADA'S 1947 GRAIN CROPS

Ottawa, August 13, 1947 (3 p.m.)- The Dominion Bureau of Statistics issues today its first estimate of the production of the principal grain crops, hay and clover, and alfalfa for Canada in 1947. In previous years the first estimate of grain production was issued in September. This year's departure from previous practice is an attempt to improve on the timeliness of the Bureau's crop reports, and the estimates given herein are subject to revision in the light of actual harvesting conditions. Most of the spring grains are not yet ready for harvest and the first estimate of these crops is, therefore, in the nature of a forecast. The estimates are based on returns from crop correspondents throughout Canada and information submitted by statisticians in the provinces.

The wheat crop for all Canada in 1947 is estimated at 358,786,000 bushels, which is approximately 62,000,000 bushels less than the production in 1946. The estimated average yield per acre is 15.0 bushels as compared with the revised yield of 17.5 bushels per acre for last year, and the long-time average yield of 16 bushels per acre. The current crop will be harvested from an estimated 23,875,200 seeded acres.

For the Prairie Provinces the wheat crop is expected to yield 336,000,000 bushels as compared with 400,000,000 bushels in 1946. The anticipated average yield of wheat in the Prairie Provinces this year is 14.6 bushels per seeded acre, with Manitoba averaging 20, Saskatchewan 13 and Alberta 16 bushels per acre.

The estimated production of wheat in the remaining provinces of Canada is 22,786,000 bushels, of which Ontario's output at 19,603,000 bushels represents the principal part. All but 513,000 bushels of the production in Ontario is fall wheat.

This first estimate of production places the output of the five principal grain crops in each of the Prairie Provinces in 1947 as follows:

	<u>Wheat</u>	<u>Oats</u>	<u>Barley</u>	<u>Rye</u>	<u>Flaxseed</u>
	(thousand bushels)				
Manitoba	50,000	40,700	40,500	677	5,004
Saskatchewan ..	183,000	86,400	50,000	8,252	3,846
Alberta	103,000	73,200	54,100	4,317	1,799
T o t a l	336,000	200,300	144,600	13,246	10,649

Oats

The production of oats in 1947 is estimated at 291,620,000 bushels as compared with the 1946 crop of 400,069,000 bushels. The reduction in output of 108,449,000 bushels is the result of reduced acreages and substantial declines in yields per acre in Ontario and the Prairie Provinces.

Barley

Barley production at 154,554,000 bushels in 1947 is approximately 5,300,000 bushels below that of a year ago. Marked reductions in yields in Ontario and Manitoba were partially offset by appreciably increased production in Saskatchewan and Alberta. Increases in production this year were accounted for by the larger acreages sown.

Rye

The combined output of fall and spring rye is estimated to be 14,906,000 bushels, representing an increase of approximately 100 per cent over the outturn for 1946. Increased acreages of both the fall and spring varieties together with appreciable increases in the yield per acre of fall rye are the principal factors in the over-all gain in output. The greatest increases occurred in Saskatchewan and Alberta.

Flaxseed

Flaxseed production in 1947 is expected to approximate 10,900,000 bushels, as compared with 6,384,000 bushels in 1946. Appreciable increases in flaxseed acreages in the three Prairie Provinces more than offset reduced yields per acre in Manitoba and Alberta.

Acreages

The acreage supplement attached to this report presents the acreages of principal grain crops and summerfallow by crop districts, in the Prairie Provinces for 1946 and 1947. The 1946 acreages are preliminary census figures while those for 1947 are derived from the current June Survey returns.

The acreages of grain crops in 1947 used in obtaining the production estimates are based on June Survey returns in the case of the Prairie Provinces and Ontario. For the remaining provinces the grain acreages employed are those obtained from the Intentions Survey of April 30. Acreages of hay and clover, and alfalfa are those published in the Bureau's preliminary report on acreages of late-sown crops issued July 18. The 1946 acreages for the Prairie Provinces are in all cases preliminary census figures.

Revised Production Estimates, Prairie Provinces, 1946

The adoption of the 1946 preliminary census acreages has necessitated some revision of previous production estimates for 1946. Available disposition data has also been taken into consideration in making the revisions at this time. Final estimates for the 1946 crops will be issued at a later date when complete disposition data become available.

FIRST ESTIMATE OF THE PRODUCTION OF GRAIN CROPS

The total production of the principal grain crops in Canada in 1947 is now estimated, in bushels, as follows, with the 1946 figures within brackets: Fall wheat 19,090,000 (16,274,000); spring wheat 339,696,000 (404,451,000); all wheat 358,786,000 (420,725,000); oats 291,620,000 (400,069,000); barley 154,554,000 (159,887,000); fall rye 11,802,000 (5,253,000); spring rye 3,104,000 (2,195,000); all rye 14,906,000 (7,448,000); flaxseed 10,916,000 (6,384,000). The average yields per acre, in bushels, are estimated as follows, with the 1946 averages within brackets: Fall wheat 26.8 (29.8); spring wheat 14.7 (17.2); all wheat 15.0 (17.5); oats 26.2 (33.1); barley 20.8 (25.5); fall rye 14.0 (10.8); spring rye 9.9 (9.6); all rye 12.9 (10.4); flaxseed 7.6 (7.6).

PRODUCTION OF GRAIN CROPS IN THE PRAIRIE PROVINCES

For the Prairie Provinces the first estimate of the production of grain crops in 1947, in bushels, is as follows, with the 1946 figures within brackets: Three Provinces - Wheat 336,000,000 (400,000,000); oats 200,300,000 (276,000,000); barley 144,600,000 (145,000,000); rye 13,246,000 (5,915,000); flaxseed 10,649,000 (6,208,000). Manitoba - Wheat 50,000,000 (61,000,000); oats 40,700,000 (55,000,000); barley 40,500,000 (48,000,000); rye 677,000 (415,000); flaxseed 5,004,000 (2,979,000). Saskatchewan - Wheat 183,000,000 (208,000,000); oats 86,400,000 (117,000,000); barley 50,000,000 (46,000,000); rye 8,252,000 (3,400,000); flaxseed 3,846,000 (2,594,000). Alberta - Wheat 103,000,000 (131,000,000); oats 73,200,000 (104,000,000); barley 54,100,000 (51,000,000); rye 4,317,000 (2,100,000); flaxseed 1,799,000 (635,000).

FIRST ESTIMATE OF THE PRODUCTION OF HAY AND CLOVER AND ALFALFA

The total production of hay and clover, in tons, is now estimated as follows, with last year's figures within brackets: Canada 16,017,000 (14,372,800); Prince Edward Island 250,000 (186,000); Nova Scotia 712,000 (599,000); New Brunswick 921,000 (711,000); Quebec 6,897,000 (5,437,000); Ontario 5,260,000 (5,196,800); Manitoba 369,000 (243,000); Saskatchewan 321,000 (469,000); Alberta 829,000 (1,020,000); British Columbia 458,000 (511,000).

For all Canada the production of alfalfa (first cutting) is now estimated at 1,945,000 tons as compared with a first cutting of 2,105,000 tons in 1946.

CONDITION OF LATE-SOWN CROPS AND PASTURE

At July 31, 1947, the condition of late-sown crops for all Canada, expressed in percentage of the long-time average yield per acre, is reported as follows, with the condition figures for June 30, 1947, and July 31, 1946, within brackets: Peas 82 (84, 90); beans 80 (76, 93); buckwheat 89 (87, 86); mixed grains 73 (74, 93); shelled corn 65 (78, 91); potatoes 87 (83, 92); turnips, etc. 82 (82, 89); fodder corn 73 (80, 89); pasture 97 (99, 82).

1. First Estimate of the Production of Wheat, Oats, Barley, Rye, Flaxseed and Hay and Clover and Alfalfa (first cutting), 1947 as compared with 1946.

	Area		Yield Per Acre		Production	
	1946 <u>1/</u>	1947 <u>2/</u>	1946 <u>3/</u>	1947	1946 <u>3/</u>	1947
	acres	acres	bu.	bu.	bu.	bu.
<u>CANADA</u>						
Fall wheat	546,100	712,300	29.8	26.8	16,274,000	19,090,000
Spring wheat	23,530,000	23,162,900	17.2	14.7	404,451,000	339,696,000
All wheat	24,076,100	23,875,200	17.5	15.0	420,725,000	358,786,000
Oats	12,074,700	11,150,000	33.1	26.2	400,069,000	291,620,000
Barley	6,258,500	7,441,400	25.5	20.8	159,887,000	154,554,000
Fall rye	486,000	840,800	10.8	14.0	5,253,000	11,802,000
Spring rye	229,000	314,700	9.6	9.9	2,195,000	3,104,000
All rye	715,000	1,155,500	10.4	12.9	7,448,000	14,906,000
Flaxseed	839,500	1,438,000	7.6	7.6	6,384,000	10,916,000
			tons	tons	tons	tons
Hay and clover	9,882,500	9,658,000	1.45	1.66	14,372,800	16,017,000
Alfalfa (first cutting)	1,263,300	1,190,600	1.67	1.63	2,105,000	1,945,000
<u>PRINCE EDWARD ISLAND</u>						
			bu.	bu.	bu.	bu.
Wheat	3,900	3,900	20.0	19.0	78,000	74,000
Oats	117,000	119,000	36.0	34.0	4,212,000	4,046,000
Barley	9,700	9,600	28.0	28.0	272,000	269,000
			tons	tons	tons	tons
Hay and clover	232,000	227,000	0.80	1.10	186,000	250,000
<u>NOVA SCOTIA</u>						
			bu.	bu.	bu.	bu.
Wheat	1,400	1,400	18.0	17.0	25,000	24,000
Oats	67,200	64,500	38.0	32.0	2,554,000	2,064,000
Barley	8,500	7,900	29.0	25.0	247,000	198,000
			tons	tons	tons	tons
Hay and clover	428,000	419,000	1.40	1.70	599,000	712,000
<u>NEW BRUNSWICK</u>						
			bu.	bu.	bu.	bu.
Wheat	1,800	1,800	19.0	18.0	34,000	32,000
Oats	186,000	186,000	34.0	30.0	6,324,000	5,580,000
Barley	11,200	11,100	29.0	26.0	325,000	289,000
			tons	tons	tons	tons
Hay and clover	646,000	614,000	1.10	1.50	711,000	921,000
<u>QUEBEC</u>						
			bu.	bu.	bu.	bu.
Spring wheat	22,500	22,100	17.3	17.0	389,000	376,000
Oats	1,466,500	1,510,000	23.7	24.0	34,756,000	36,240,000
Barley	124,900	135,000	22.0	22.0	2,748,000	2,970,000
Spring rye	7,700	7,500	16.4	16.0	126,000	120,000
			tons	tons	tons	tons
Hay and clover	4,182,000	4,057,000	1.30	1.70	5,437,000	6,897,000
Alfalfa (first cutting)	68,900	63,400	1.48	1.90	102,000	120,000
<u>ONTARIO</u>						
			bu.	bu.	bu.	bu.
Fall wheat	546,100	712,300	29.8	26.8	16,274,000	19,090,000
Spring wheat	38,000	31,100	22.0	16.5	836,000	513,000
All wheat	584,100	743,400	29.3	26.4	17,110,000	19,603,000
Oats	1,635,000	1,288,500	43.9	30.5	71,776,000	39,299,000
Barley	293,000	228,000	36.7	25.2	10,753,000	5,746,000
Fall rye	65,000	74,800	21.2	20.3	1,378,000	1,518,000
Flaxseed	18,000	23,400	9.4	11.2	169,000	262,000
			tons	tons	tons	tons
Hay and clover	2,952,000	2,922,000	1.76	1.80	5,196,800	5,260,000
Alfalfa (first cutting)	707,500	665,000	1.74	1.80	1,231,000	1,197,000

	Area		Yield Per Acre		Production	
	1946 1/	1947 2/	1946 3/	1947	1946 3/	1947
	acres	acres	bu.	bu.	bu.	bu.
MANITOBA						
Wheat	2,522,000	2,497,000	24.2	20.0	61,000,000	50,000,000
Oats	1,439,000	1,381,000	38.2	29.5	55,000,000	40,700,000
Barley	1,697,000	1,901,000	28.3	21.3	48,000,000	40,500,000
Fall rye	15,000	32,000	18.3	17.6	275,000	563,000
Spring rye	6,000	8,000	23.3	14.2	140,000	114,000
All rye	21,000	40,000	19.8	16.9	415,000	677,000
Flaxseed	304,000	556,000	9.8	9.0	2,979,000	5,004,000
			tons	tons	tons	tons
Hay and clover	242,900	230,800	1.00	1.60	243,000	369,000
Alfalfa (first cutting)	63,300	61,400	1.45	1.60	92,000	98,000
			bu.	bu.	bu.	bu.
SASKATCHEWAN						
Wheat	14,085,000	14,085,000	14.8	13.0	208,000,000	183,000,000
Oats	4,329,000	3,983,000	27.0	21.7	117,000,000	86,400,000
Barley	2,317,000	2,780,000	19.9	18.0	46,000,000	50,000,000
Fall rye	251,000	537,000	8.0	12.6	2,000,000	6,766,000
Spring rye	155,000	167,000	9.0	8.9	1,400,000	1,486,000
All rye	406,000	704,000	8.4	11.7	3,400,000	8,252,000
Flaxseed	455,000	601,000	5.7	6.4	2,594,000	3,846,000
			tons	tons	tons	tons
Hay and clover	334,800	321,400	1.40	1.00	469,000	321,000
Alfalfa (first cutting)	124,800	113,600	1.29	0.70	161,000	80,000
			bu.	bu.	bu.	bu.
ALBERTA						
Wheat	6,747,000	6,410,000	19.4	16.0	131,000,000	103,000,000
Oats	2,754,000	2,534,000	37.8	28.9	104,000,000	73,200,000
Barley	1,783,000	2,354,000	28.6	23.0	51,000,000	54,100,000
Fall rye	155,000	197,000	10.3	15.0	1,600,000	2,955,000
Spring rye	59,000	131,000	8.5	10.4	500,000	1,362,000
All rye	214,000	328,000	9.8	13.2	2,100,000	4,317,000
Flaxseed	62,000	257,000	10.2	7.0	635,000	1,799,000
			tons	tons	tons	tons
Hay and clover	637,800	637,800	1.60	1.30	1,020,000	829,000
Alfalfa (first cutting)	219,700	206,500	1.62	1.40	356,000	289,000
			bu.	bu.	bu.	bu.
BRITISH COLUMBIA						
Wheat	108,400	110,600	28.5	24.2	3,089,000	2,677,000
Oats	81,000	84,000	54.9	48.7	4,447,000	4,091,000
Barley	14,200	14,800	38.2	32.6	542,000	482,000
Spring rye	1,300	1,200	22.1	18.5	29,000	22,000
Flaxseed	500	600	13.5	8.3	7,000	5,000
			tons	tons	tons	tons
Hay and clover	227,000	229,000	2.25	2.00	511,000	458,000
Alfalfa (first cutting)	79,100	80,700	2.06	2.00	163,000	161,000

1/ Areas, 1946: Prairie Provinces - preliminary census figures.

2/ Areas, 1947: Prairie Provinces and Ontario - June Survey acreages of grain crops; other provinces - Intentions Survey acreages of grain crops.

3/ Production, 1946: Prairie Provinces and Canada includes revised estimates.

2. Area and First Estimate of the Production of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1947 as compared with 1946.

	Area		Yield Per Acre		Production	
	1946 1/	1947	1946 2/	1947	1946 2/	1947
	acres	acres	bu.	bu.	bu.	bu.
Wheat	23,354,000	22,992,000	17.1	14.6	400,000,000	336,000,000
Oats	8,522,000	7,898,000	32.4	25.4	276,000,000	200,300,000
Barley	5,797,000	7,035,000	25.0	20.6	145,000,000	144,600,000
Rye	641,000	1,072,000	9.2	12.4	5,915,000	13,246,000
Flaxseed	821,000	1,414,000	7.6	7.5	6,208,000	10,649,000

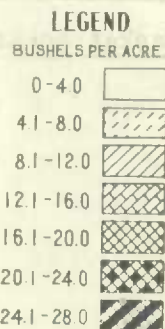
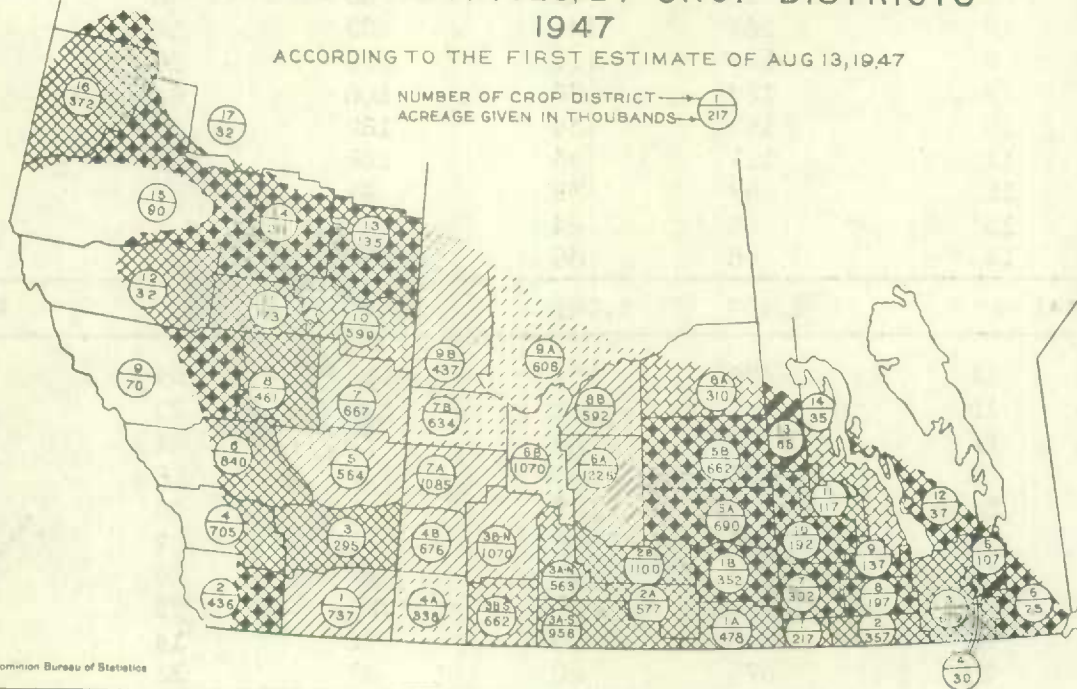
1/ Preliminary census figures.

2/ Includes revised estimates.

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS 1947

ACCORDING TO THE FIRST ESTIMATE OF AUG 13, 1947

NUMBER OF CROP DISTRICT ———→ 1
ACREAGE GIVEN IN THOUSANDS ———→ 217

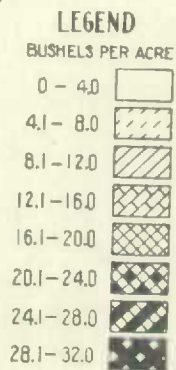
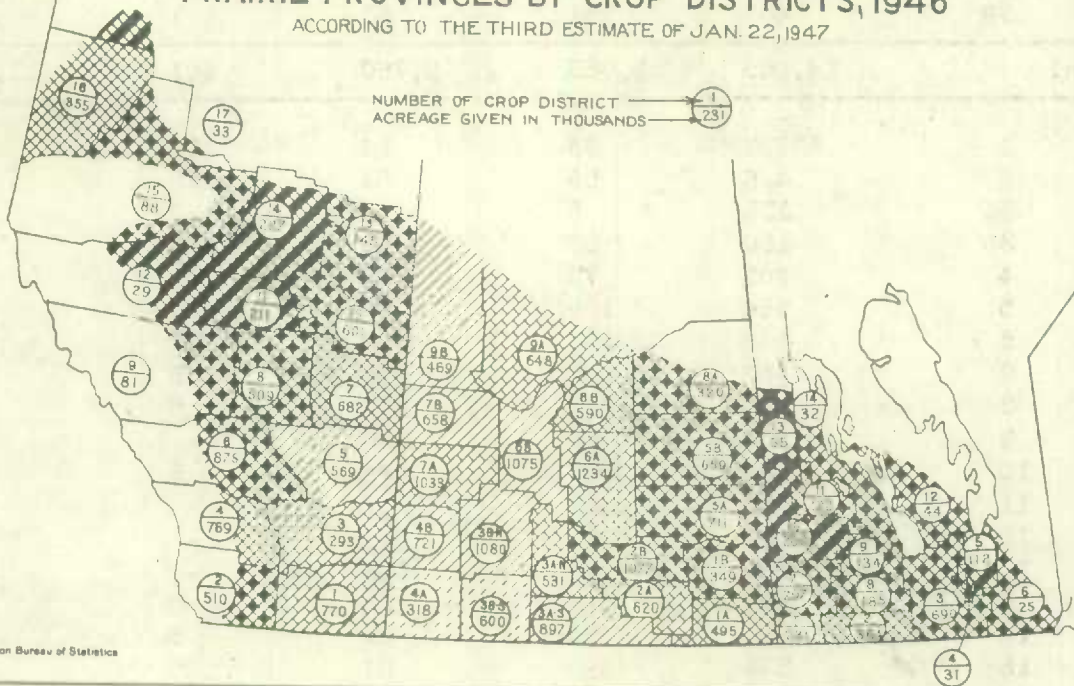


Dominion Bureau of Statistics

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES BY CROP DISTRICTS, 1946

ACCORDING TO THE THIRD ESTIMATE OF JAN. 22, 1947

NUMBER OF CROP DISTRICT ———→ 1
ACREAGE GIVEN IN THOUSANDS ———→ 231



Dominion Bureau of Statistics

ACREAGE SUPPLEMENT

Table I. Seeded Acreages of Principal Grain Crops and Summerfallow by Crop Districts, Prairie Provinces, 1947 ^{1/}

Province	Crop District	Wheat	Oats	Barley	Flaxseed	Summerfallow
- 000 acres -						
<u>Manitoba</u>	1	217	82	65	114	149
	2	357	149	262	66	280
	3	679	343	533	138	424
	4	30	15	25	6	20
	5	107	70	103	14	70
	6	25	33	23	6	22
	7	302	146	203	54	315
	8	197	117	139	50	197
	9	137	90	108	65	164
	10	192	134	182	6	254
	11	117	83	108	17	135
	12	37	39	49	7	41
	13	65	44	65	1	66
	14	35	36	36	12	50
Provincial Total		2,497	1,381	1,901	556	2,187
<u>Saskatchewan</u>	1A	478	251	183	109	344
	1B	352	211	133	25	344
	2A	577	163	95	44	448
	2B	1,100	155	117	18	746
	3AS	958	147	156	58	666
	3AN	563	76	97	7	517
	3BS	662	72	147	8	666
	3BN	1,070	96	139	75	723
	4A	338	48	75	14	333
	4B	676	20	47	33	321
	5A	690	335	203	8	723
	5B	662	426	234	4	735
	6A	1,225	307	156	55	930
	6B	1,070	243	164	14	712
	7A	1,085	104	92	105	815
	7B	634	370	67	4	551
	8A	310	175	209	7	367
	8B	592	187	200	6	494
	9A	606	346	183	6	586
	9B	437	251	83	1	459
Provincial Total		14,085	3,983	2,780	601	11,480
<u>Alberta</u>	1	737	33	64	32	612
	2	436	56	64	28	462
	3A	135	5	9	3	98
	3B	160	28	26	42	52
	4	705	73	87	46	629
	5	564	109	52	20	393
	6	840	218	287	26	808
	7	667	287	108	5	514
	8	461	340	414	5	571
	9	70	81	200	-	185
	10	590	400	275	9	525
	11	173	261	311	-	260
	12	32	28	19	-	35
	13	135	101	101	-	115
	14	211	177	280	5	208
	15	90	74	24	5	52
	16	372	248	31	28	237
	17	32	15	2	3	17
Provincial Total		6,410	2,534	2,354	257	5,773

^{1/} Based on June Survey.

Table II. Seeded Acreages of Principal Grain Crops and Summerfallow by Crop Districts,
Prairie Provinces, 1946 ^{1/}

Province	Crop District	Wheat	Oats	Barley	Flaxseed	Summerfallow
- 000 acres -						
<u>Manitoba</u>	1	231	87	58	57	174
	2	364	150	250	37	320
	3	690	357	486	82	546
	4	31	16	23	4	28
	5	112	72	96	9	104
	6	25	33	17	3	27
	7	297	158	163	35	369
	8	185	124	136	22	213
	9	134	99	103	35	173
	10	200	141	144	3	281
	11	122	85	90	8	164
	12	44	41	43	4	48
	13	55	42	64	1	74
	14	32	34	24	4	52
Provincial Total		2,522	1,439	1,697	304	2,573
<u>Saskatchewan</u>	1A	495	253	138	140	362
	1B	349	237	119	12	380
	2A	620	159	90	44	421
	2B	1,077	190	113	8	802
	3AS	897	163	138	82	717
	3AN	531	91	95	12	500
	3BS	600	92	171	4	676
	3BN	1,080	112	81	33	821
	4A	318	57	103	6	342
	4B	721	26	44	15	404
	5A	711	358	142	5	759
	5B	659	427	192	3	687
	6A	1,234	356	133	15	1,008
	6B	1,075	270	126	18	746
	7A	1,033	110	50	43	846
	7B	658	397	47	5	586
	8A	320	176	173	3	315
	8B	590	212	162	3	521
	9A	648	347	141	3	548
	9B	469	296	59	1	394
Provincial Total		14,085	4,329	2,317	455	11,835
<u>Alberta</u>	1	770	34	35	6	638
	2	510	66	37	6	429
	3A	147	7	4	1	117
	3B	146	29	20	13	78
	4	769	88	72	10	622
	5	569	117	23	6	442
	6	875	275	234	8	810
	7	682	294	57	1	592
	8	509	367	310	1	549
	9	81	96	176	-	145
	10	601	423	202	2	561
	11	211	285	260	-	258
	12	29	33	20	-	35
	13	145	101	74	-	143
	14	227	206	216	1	238
	15	88	64	16	1	60
	16	355	254	25	4	278
	17	33	15	2	2	19
Provincial Total		6,747	2,754	1,783	62	6,014

^{1/} Based on Preliminary Census Figures.

