

22-002

no. 4

1966

c. 2

UE No.

ease

, 1966

m.

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: \$4.00 for series of 20 Crop Reports

Field Crop Reporting Series - No. 13

PRELIMINARY ESTIMATES OF CROP AND SUMMERFALLOW ACREAGES, CANADA, 1966

The acreage estimates for 1966 are, with some exceptions, based on returns from the Dominion Bureau of Statistics' annual June survey of seeded acreages and have been made in consultation with the officials responsible for agricultural statistics in each of the provinces. Data on sugar beets have been obtained from the processing companies, and abandonment since seeding has been taken into account. Estimates for some crops grown in relatively small areas have been made with the assistance of provincial and trade officials. Current estimates are subject to revision in the light of further information received during the season and when marketing and other check data become available after the end of the crop year. They may also be subject to revision in accordance with results of the 1966 Census of Agriculture.

The preliminary estimates of 1966 crop acreages indicate that Canadian farmers seeded a record 30.3 million acres to all classes of wheat, an increase of 7 per cent from the 1965 level; 9.1 million acres to oats, a decrease of 6 per cent, and 7.2 million acres to barley, an increase of 19 per cent from 1965. Flax seedings decreased by 11 per cent to 2.1 million acres. Rapeseed at 1,388,000 acres decreased 3 per cent this year and soybeans at a record 268,000 acres increased one per cent compared with last year's plantings. Rye seedings, at 635,300 acres are down 15 per cent while mixed grains at 1.6 million acres increased 5 per cent from 1965 sowings. Corn for grain acreage at a record 771,000 increased 3 per cent. Other crops showing increases in area from 1965 levels are: beans, dry (up 6 per cent); potatoes (up 10 per cent); tame hay (up 2 per cent); fodder corn (up 5 per cent) and peas, dry (up 7 per cent). Smaller acreages than in 1965 are reported for buckwheat (down 12 per cent); and field roots (down 12 per cent). The area in summerfallow, at 24.8 million acres, is 7 per cent below that of 1965.

For Canada as a whole the area seeded to the sixteen spring-planted crops covered in this report is estimated at 53.5 million acres compared with 51.0 million acres in 1965. Total acreage of the sixteen spring-planted crops, together with winter wheat, fall rye, tame hay and summerfallow amounts to 92.2 million acres compared with 91.3 million last year.

Note: Excluding Newfoundland for which data are not available.

Prepared in the Crops Section, Agriculture Division

5502-508.13

WHEAT Total wheat acreage in Canada in 1966, estimated at a record 30.3 million acres, is 7 per cent larger than last year's 28.3 million. In the Prairie Provinces, where most of Canada's wheat is grown, acreage is estimated at a record 29.8 million, an increase of 7 per cent from last year's 27.8 million.

Preliminary estimates of durum wheat acreage in the Prairie Provinces at 1.1 million acres indicate a 35 per cent increase in acreage this year compared with 1965.

In Manitoba, total wheat acreage, including durum, increased some 7 per cent from 3.2 million acres to 3.5 million in 1966. In Saskatchewan acreage increased 6 per cent to a record 19.7 million, and in Alberta a 9 per cent increase occurred, with the 1966 acreage being placed at 6.6 million compared with last year's 6.0 million. Ontario's winter wheat area remaining for harvest at 370,000 acres in 1966 increased by 2 per cent from the 1965 level of 362,000 but is 33 per cent below the 1954-63 average of 549,000 acres.

OATS The area seeded to oats in Canada in 1966 is estimated at 9.1 million acres, some 6 per cent smaller than that of 1965 and 20 per cent smaller than the ten-year average area of 11.3 million acres. In the Prairie Provinces the oats acreage, at 6.2 million acres, is 6 per cent smaller than that of 1965. Acreages in 1966 for Manitoba, Saskatchewan and Alberta, respectively, are 1.6, 2.1 and 2.4 million acres. British Columbia's oats acreage at 68,000 is 13 per cent above that of last year. Decreases in the acreage of oats were registered in all Provinces except British Columbia. Ontario's 1966 oats acreage is placed at 1.5 million acres, and Quebec at 1.1 million, down 3 and 6 per cent respectively from the 1965 levels. It should be noted that acreage in the Prairie Provinces includes oats seeded for all purposes. A forecast of oats harvested or to be harvested for grain will be published on September 2, in Crop Report No. 17.

BARLEY Canadian barley acreage for 1966 at 7.2 million acres increased 19 per cent from the 1965 level of 6.0 million but is 6 per cent below the ten-year average of 7.7 million. Barley acreage in the Prairies is placed at 6.9 million, up 20 per cent from the 1965 level. In Manitoba the 1966 seeded area is 0.8 million compared to 0.6 million in 1965, in Saskatchewan 2.2 compared to 1.8 million; and in Alberta, 3.8 compared to 3.4 million acres. In Ontario, barley acreage increased 39 per cent.

RYE Rye acreage at 635,300 is 15 per cent below the 1965 level but 5 per cent above the 10-year (1954-63) average. Fall seedings of rye were down 17 per cent and spring rye decreased by 3 per cent. The greater part of Canada's rye is grown in the Prairie Provinces where the 1966 acreage is estimated at 583,000 acres as compared with 691,000 in 1965.

OILSEEDS The 1966 flaxseed plantings at 2.1 million acres showed a decrease of 11 per cent from the 1965 level of 2.3 million acres and is 5 per cent smaller than the 1954-63 average of 2.2 million. In Manitoba, where the largest area is now sown the acreage decreased 10 per cent in 1966. Saskatchewan registered a decrease of 15 per cent, and Alberta decreased 6 per cent. Flax sowings in Ontario show a decrease of 21 per cent and British Columbia remains unchanged from 1965. In Quebec a 31 per cent decrease occurred this year.



Soybeans Seedings at a record 268,000 acres in 1966 increased one per cent from last year's level of 265,000 acres and are 13 per cent larger than the 1954-63 average. Commercial rapeseed production is carried on only in the Prairie Provinces where in 1966 an estimated 1,388,000 acres were seeded to this crop. This represents a decrease of 3 per cent from last year's seedings of 1,435,000 acres. The acreage seeded to sunflowers at 41,800 acres represents a decrease of 38 per cent from the 1965 level of 67,000 acres.

POTATOES The area seeded to potatoes is estimated at 328,100 acres, up 10 per cent from last season's 298,800 acres. All provinces registered increases in acreage with the exception of Quebec, where there is no change.

TAME HAY The area of tame hay, at a record 13.0 million acres this year, is 2 per cent above the 1965 figure of 12.7 million and 12 per cent larger than the ten-year average of 11.6 million acres.

OTHER CROPS The acreage of sugar beets remaining for harvest on or about the end of July, amounted to 84,973 acres, slightly less than last year's harvested area of 85,023 acres and 3 per cent below the 1954-63 average of 87,400 acres. Ontario's 1966 acreage of corn for grain placed at a record 752,000 acres is up 2 per cent from the 1965 level and Manitoba's seedings of 19,000 acres are up 58 per cent. Other spring-planted crops showing an increase in area in 1966 with 1965 acreages in brackets, are as follows: mixed grains, 1,583,200 (1,505,700); beans, 90,700 (85,800); peas, 59,300 (55,400); and fodder corn, 494,900 (470,100). Those showing a decrease in area this year are as follows: buckwheat 46,500 (52,900) and field roots 20,300 (23,200). Summerfallow acreage in the Prairie Provinces in 1966 is estimated at 24.8 million acres, a decrease of 7 per cent from last year's 26.6 million acres and 5 per cent lower than the 1954-63 average of 26.2 million acres.

#### NOTE

Acreages of crops for which 1966 estimates are currently available (except for sunflower seed and durum wheat which are to be found in Table 2) are shown in Table 1 for Canada as a whole and by provinces, together with the figures for 1964 and 1965 and ten-year averages for the 1954-63 period. It should also be noted that, as a result of rounding, the sum of the provincial ten-year averages does not exactly equal the ten-year Canada average for some crops.

Table 3 sets out, by crop districts for Manitoba, Saskatchewan and Alberta, respectively, estimates of the 1966 area seeded to wheat, oats and barley and the area in summerfallow, with comparable data for 1965. Table 4 summarizes acreages in the major field crops and summerfallow for the Prairie Provinces as a whole. An outline map showing the boundaries of the crop districts in the Prairie Provinces is on the back page of this report.

TABLE 1. Preliminary Estimates of Crop and Summerfallow Acreages,  
Canada, 1966 with Comparisons

Province and crop	Average 1954-1963	1964	1965	1966	1966 as per cent of 1965
acres					%
CANADA(1)					
Winter wheat .....	549,000	455,000	362,000	370,000	102
Spring wheat(2) ....	23,793,700	29,230,800	27,920,200	29,928,100	107
All wheat .....	24,342,700	29,685,800	28,282,200	30,298,100	107
Oats for grain(3) ..	11,278,500	9,681,000	9,621,000	9,076,000	94
Barley .....	7,652,800	5,454,700	6,037,600	7,212,900	119
Fall rye(4) .....	476,500	578,900	642,500	535,300	83
Spring rye .....	130,400	100,900	103,000	100,000	97
All rye .....	606,900	679,800	745,500	635,300	85
Flaxseed .....	2,187,000(7)	1,977,500	2,320,000	2,070,400	89
Mixed grains .....	1,510,100	1,431,300	1,505,700	1,583,200	105
Corn for grain .....	487,800	660,000	752,000	771,000	103
Buckwheat .....	92,900	59,500	52,900	46,500	88
Peas, dry .....	67,500	71,000	55,400	59,300	107
Beans, dry .....	67,400	76,000	85,800	90,700	106
Soybeans .....	237,300(7)	231,000	265,000	268,000	101
Potatoes .....	299,900	281,200	298,800	328,100	110
Rapeseed .....	430,900(7)	791,000	1,435,000	1,388,000	97
Tame hay .....	11,624,800	12,507,000	12,690,000	12,964,000	102
Fodder corn .....	370,500	424,700	470,100	494,900	105
Field roots(5) .....	33,000	24,900	23,200	20,300	88
Sugar beets(6) .....	87,400	101,312	85,023(8)	84,973	100
Summerfallow .....	26,179,300	26,375,000	26,580,000	24,800,000	93
PRINCE EDWARD ISLAND					
Spring wheat .....	4,000	4,000	3,800	3,600	95
Oats for grain .....	93,300	92,000	89,000	83,000	93
Barley .....	3,600	11,000	12,000	13,000	108
Mixed grains .....	56,400	45,000	47,000	48,000	102
Potatoes .....	43,500	40,000	43,000	50,000	116
Tame hay .....	193,400	180,000	181,000	188,000	104
Field roots .....	5,000	3,000	2,600	1,800	69
NOVA SCOTIA					
Spring wheat .....	1,200	900	1,200	2,000	167
Oats for grain .....	40,500	34,000	31,000	28,000	90
Barley .....	1,500	1,800	2,600	3,900	150
Mixed grains .....	9,200	8,900	8,100	9,300	115
Potatoes .....	9,100	6,600	7,000	8,000	114
Tame hay .....	274,400	227,000	229,000	229,000	100
Field roots .....	3,000	2,000	1,800	1,700	94

- (1) In some provinces the area seeded to certain crops is too small to permit reliable annual estimates. Acreages in such crops have not been included in the totals for Canada.
- (2) Includes relatively small acreages of winter wheat in all provinces other than Ontario.
- (3) Includes oats for grain and for hay in the Prairie Provinces.
- (4) Includes small acreages of spring rye in Quebec, Ontario and British Columbia.
- (5) Excludes Prairie Provinces and British Columbia for which current estimates are not available.
- (6) Harvested area except for 1966. The estimates for 1966 represent the area currently remaining for harvest.
- (7) Broken period average.
- (8) Revised.



TABLE 1. Preliminary Estimates of Crop and Summerfallow Acreages,  
Canada, 1966 with Comparisons - Continued

Province and crop	Average 1954-1963	1964	1965	1966	1966 as per cent of 1965
		acres			%
<u>NEW BRUNSWICK</u>					
Spring wheat .....	2,500	3,000	6,000	7,500	125
Oats for grain .....	116,300	82,000	86,000	74,000	86
Barley .....	4,500	3,400	3,400	4,900	144
Mixed grains .....	6,600	8,500	8,200	8,100	99
Buckwheat .....	4,600	3,300	3,300	2,900	88
Potatoes .....	48,300	54,000	57,000	65,000	114
Tame hay .....	344,000	280,000	275,000	274,000	100
Field roots .....	2,500	1,900	1,700	1,200	71
<u>QUEBEC</u>					
Spring wheat .....	12,800	10,900	12,200	11,000	90
Oats for grain .....	1,367,700	1,184,000	1,165,000	1,098,000	94
Barley .....	28,400	13,600	14,600	13,100	90
Fall rye .....	5,600	2,400	3,000	3,300	111
Flaxseed .....	N/A	35,700	28,000	19,400	69
Mixed grains .....	150,700	91,900	92,000	92,300	100
Buckwheat .....	31,100	14,200	15,600	13,600	87
Peas, dry .....	2,900	2,400	3,200	3,300	102
Beans, dry .....	1,200	1,000	800	700	92
Potatoes .....	85,500	60,800	63,500	63,500	100
Tame hay .....	3,437,900	3,432,000	3,415,000	3,488,000	102
Fodder corn .....	62,800	54,800	60,000	66,100	110
Field roots .....	8,200	5,500	5,100	4,600	90
Sugar beets .....	6,900	10,628	9,257(8)	8,600	93
<u>ONTARIO</u>					
Winter wheat .....	549,000	455,000	362,000	370,000	102
Spring wheat .....	19,400	17,000	14,000	11,000	79
All wheat .....	568,400	472,000	376,000	381,000	101
Oats for grain .....	1,685,700	1,663,000	1,580,000	1,525,000	97
Barley .....	97,300	113,000	140,000	195,000	139
Fall rye .....	72,600	56,000	50,000	47,000	94
Flaxseed .....	19,600	23,500	24,000	19,000	79
Mixed grains .....	853,100	725,000	740,000	750,000	101
Corn for grain .....	481,700	650,000	740,000	752,000	102
Buckwheat .....	31,900	16,000	14,000	11,000	79
Peas, dry .....	5,300	2,700	2,500	2,000	80
Beans, dry .....	66,200	75,000	85,000	90,000	106
Soybeans .....	235,500	231,000	265,000	268,000	101
Potatoes .....	52,800	53,000	56,000	64,000	114
Tame hay .....	3,285,000	3,150,000	3,100,000	3,125,000	101
Fodder corn .....	277,000	315,000	350,000	375,000	107
Field roots .....	14,300	12,500	12,000	11,000	92
Sugar beets .....	20,100	18,742	10,950(8)	12,073	110

(8) Revised.

TABLE 1. Preliminary Estimates of Crop and Summerfallow Acreages,  
Canada, 1966 with Comparisons - Continued

Province and crop	Average 1954-1963	1964	1965	1966	1966 as per cent of 1965
acres					%
<u>MANITOBA</u>					
Spring wheat .....	2,567,200	3,385,000	3,240,000	3,480,000	107
Oats(9) .....	1,760,100	1,764,000	1,630,000	1,620,000	99
Barley .....	1,319,600	497,000	601,000	830,000	138
Fall rye .....	80,100	146,000	148,000	133,000	90
Spring rye .....	6,400	3,000	3,000	3,000	100
All rye .....	86,500	149,000	151,000	136,000	90
Flaxseed .....	669,600	1,025,000	1,350,000	1,220,000	90
Mixed grains .....	100,400	126,000	146,000	180,000	123
Corn for grain .....	6,100	10,000	12,000	19,000	158
Buckwheat .....	25,400	26,000	20,000	19,000	95
Peas, dry .....	44,000	52,000	36,000	40,000	111
Potatoes .....	17,500	24,500	26,500	28,000	106
Rapeseed .....	24,500	84,000	145,000	158,000	109
Tame hay .....	812,500	1,078,000	1,090,000	1,165,000	107
Fodder corn .....	25,800	49,000	53,000	46,000	87
Sugar beets .....	22,400	29,820	25,917(8)	25,650	99
Summerfallow .....	3,178,300	2,880,000	2,900,000	2,600,000	90
<u>SASKATCHEWAN</u>					
Spring wheat .....	15,624,900	19,200,000	18,500,000	19,700,000	106
Oats(9) .....	3,191,600	2,040,000	2,330,000	2,130,000	91
Barley .....	2,758,500	1,400,000	1,750,000	2,200,000	126
Fall rye .....	205,300	216,000	263,000	215,000	82
Spring rye .....	98,300	73,000	77,000	73,000	95
All rye .....	303,600	289,000	340,000	288,000	85
Flaxseed .....	1,059,000	521,000	560,000	475,000	85
Mixed grains .....	80,600	94,000	125,000	140,000	112
Peas, dry .....	2,700	3,700	3,000	3,400	113
Potatoes .....	13,300	11,800	12,300	12,700	103
Rapeseed .....	297,200	303,000	555,000	620,000	112
Tame hay .....	867,200	1,110,000	1,112,000	1,170,000	105
Fodder corn .....	1,800	2,100	2,300	2,300	100
Summerfallow .....	15,708,700	16,815,000	16,800,000	15,700,000	93
<u>ALBERTA</u>					
Spring wheat .....	5,490,700	6,495,000	6,050,000	6,600,000	109
Oats(9) .....	3,026,500	2,740,000	2,650,000	2,450,000	92
Barley .....	3,367,900	3,320,000	3,390,000	3,840,000	113
Fall rye .....	111,200	157,000	177,000	135,000	76
Spring rye .....	25,700	24,900	23,000	24,000	104
All rye .....	136,900	181,900	200,000	159,000	80
Flaxseed .....	425,200	370,000	355,000	334,000	94
Mixed grains .....	249,200	328,000	335,000	350,000	104
Peas, dry .....	8,000	8,200	8,000	7,600	95
Potatoes .....	19,400	21,100	23,000	26,000	113
Rapeseed .....	121,400	404,000	735,000	610,000	83
Tame hay .....	2,045,500	2,628,000	2,830,000	2,850,000	101
Sugar beets .....	38,100	42,122	38,899(8)	38,650	99
Summerfallow .....	7,292,300	6,680,000	6,880,000	6,500,000	94

(9) Includes oats for grain and for hay.



TABLE 1. Preliminary Estimates of Crop and Summerfallow Acreages,  
Canada, 1966 with Comparisons - Concluded

Province and crop	Average 1954-1963	1964	1965	1966	1966 as per cent of 1965
		acres			%
<u>BRITISH COLUMBIA</u>					
Spring wheat .....	71,000	115,000	93,000	113,000	122
Oats for grain .....	86,800	82,000	60,000	68,000	113
Barley .....	71,600	94,900	124,000	113,000	91
Fall rye .....	1,800	1,500	1,500	2,000	135
Flaxseed .....	6,500	2,300	3,000	3,000	100
Mixed grains .....	3,900	4,000	4,400	5,500	124
Peas, dry .....	4,600	2,000	2,700	3,000	111
Potatoes .....	10,700	9,400	10,500	10,900	104
Tame hay .....	364,900	422,000	458,000	475,000	104
Fodder corn .....	3,100	3,800	4,800	5,500	114

TABLE 2. Preliminary Estimates of Specified Crop Acreages  
1966 Compared with 1965

Crop	1965 area	Per cent of 1965	1966 area
	acres	%	acres
<u>SUNFLOWER SEED</u>			
Manitoba .....	48,000	67	32,000
Saskatchewan .....	17,500	43	7,500
Alberta .....	1,500	153	2,300
Totals .....	67,000	62	41,800
<u>DURUM WHEAT</u>			
Manitoba .....	40,000	150	60,000
Saskatchewan .....	725,000	134	975,000
Alberta .....	75,000	133	100,000
Totals .....	840,000	135	1,135,000

TABLE 3. Estimated Seeded Acreages of Principal Grain Crops and Summerfallow, Prairie Provinces, by Crop Districts, 1965 and 1966

Crop district	Wheat		Oats		Barley		Summerfallow	
	1965	1966	1965	1966	1965	1966	1965	1966
- thousands acres -								
<u>MANITOBA</u>								
1 .....	322	365	95	99	33	66	305	253
2 .....	390	423	142	140	30	51	281	239
3 .....	550	603	265	265	81	114	285	277
4 .....	77	80	75	76	34	41	92	74
5 .....	258	273	253	239	80	104	191	182
6 .....	28	22	36	29	3	4	25	35
7 .....	263	275	119	117	34	49	257	222
8 .....	245	270	135	135	26	39	197	175
9 .....	223	201	117	124	32	66	217	201
10 .....	388	412	97	102	118	154	446	399
11 .....	280	312	130	115	47	54	247	221
12 .....	50	50	63	69	22	26	129	101
13 .....	81	112	37	38	50	46	131	113
14 .....	85	82	66	72	11	16	97	108
Totals .....	3,240	3,480	1,630	1,620	601	830	2,900	2,600
<u>SASKATCHEWAN</u>								
1A .....	824	868	128	122	32	56	758	689
1B .....	610	645	158	157	23	39	570	538
2A .....	761	865	80	64	25	32	707	639
2B .....	1,155	1,255	93	91	44	66	1,010	918
3AS .....	1,136	1,218	94	83	46	57	1,034	977
3AN .....	640	698	56	48	33	38	646	604
3BS .....	841	905	40	32	58	69	802	742
3BN .....	1,186	1,242	78	67	62	93	1,087	1,004
4A .....	385	420	64	65	74	91	413	381
4B .....	656	714	24	21	23	29	625	570
5A .....	1,126	1,196	198	176	90	107	1,018	953
5B .....	1,146	1,186	182	169	244	272	1,026	969
6A .....	1,657	1,812	126	96	75	98	1,452	1,363
6B .....	1,322	1,416	171	143	66	94	1,077	985
7A .....	1,217	1,308	30	27	89	98	1,124	1,096
7B .....	912	946	133	138	75	99	796	764
8A .....	547	579	79	79	152	178	589	527
8B .....	859	883	112	99	137	175	678	638
9A .....	963	976	282	252	259	340	800	791
9B .....	557	568	202	201	143	169	588	552
Totals .....	18,500	19,700	2,330	2,130	1,750	2,200	16,800	15,700
<u>ALBERTA</u>								
1 .....	1,042	1,111	157	134	92	95	1,085	1,062
2 .....	1,816	1,914	198	183	416	493	1,914	1,815
3 .....	607	661	357	292	544	638	790	755
4A .....	805	821	340	297	163	199	714	721
4B .....	890	973	582	514	314	333	873	855
5 .....	219	243	511	499	921	997	474	421
6 .....	363	401	348	353	419	445	538	445
7 .....	308	476	157	178	521	640	492	426
Totals .....	6,050	6,600	2,650	2,450	3,390	3,840	6,880	6,500



TABLE 4. Preliminary Estimates of Acreages in Principal Crops and Summerfallow  
Prairie Provinces, 1966 with Comparisons

Crops	Average 1954-63	1964	1965	1966	1966 as per cent of 1965
		acres			%
Wheat .....	23,682,800	29,080,000	27,790,000	29,780,000	107
All Oats .....	7,978,200	6,544,000	6,610,000	6,200,000	94
Barley .....	7,446,000	5,217,000	5,741,000	6,870,000	120
Rye .....	527,000	619,900	691,000	583,000	84
Flaxseed .....	2,153,800	1,916,000	2,265,000	2,029,000	90
Rapeseed .....	443,100	791,000	1,435,000	1,388,000	97
Tame hay .....	3,725,200	4,816,000	5,032,000	5,185,000	103
Summerfallow .....	26,179,300	26,375,000	26,580,000	24,800,000	93

Publications Prepared in the Crops Section, Agriculture Division  
Dealing with Farm Crops

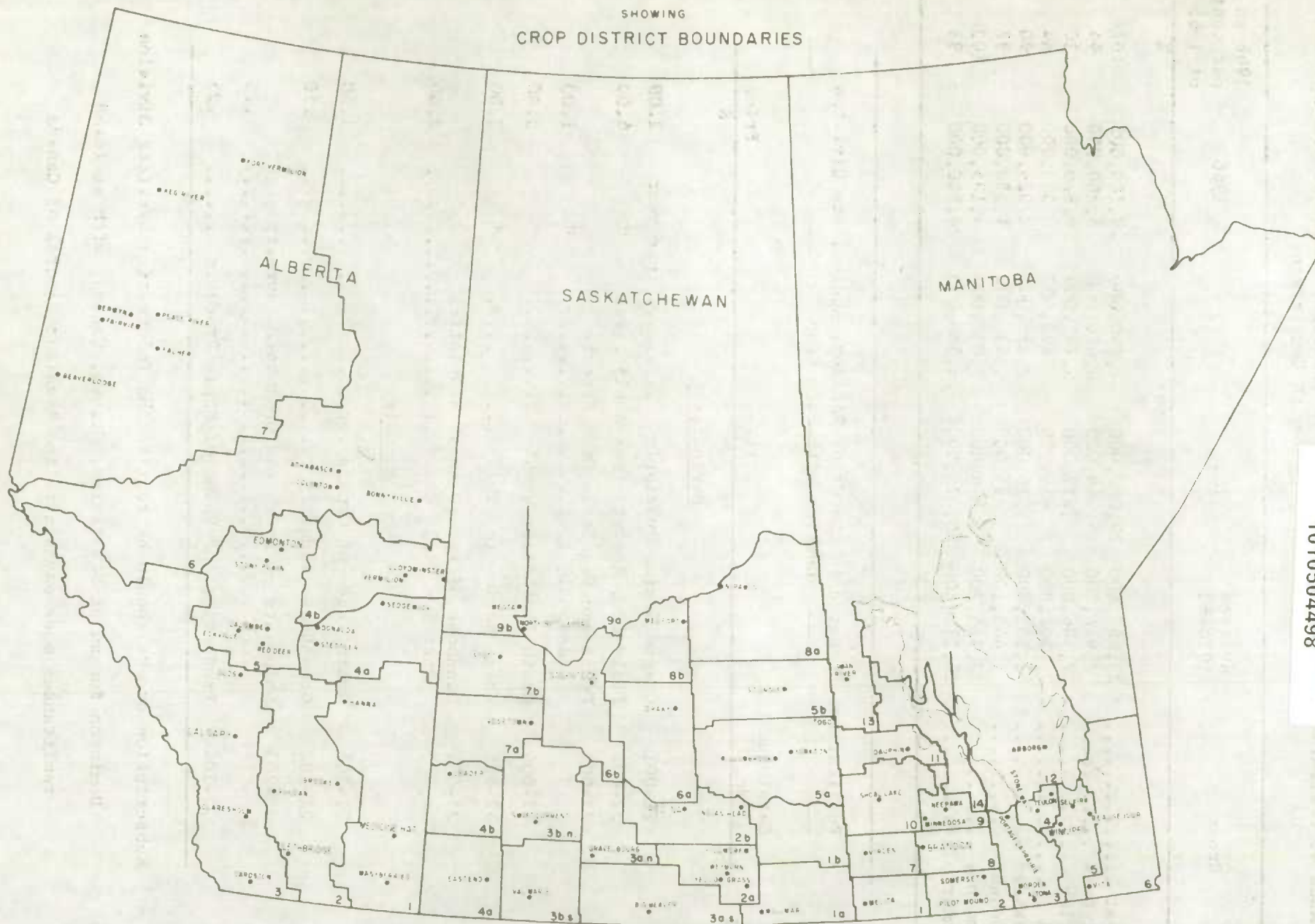
Catalogue No.	Title	Price
		\$
<u>Periodicals</u>		
22-001	Coarse Grains Quarterly ..... per year	2.00
22-002	Field Crop Reports (seasonal) ..... "	4.00
22-003	Fruit and Vegetable Crop Reports (seasonal) ..... "	1.00
22-004	Grain Statistics Weekly ..... "	3.00
22-005	Wheat Review (monthly) ..... "	3.00
21-501	Handbook of Agricultural Statistics Part 1 - Field Crops .....	2.00
<u>Annuals</u>		
22-201	Grain Trade of Canada .....	1.50
22-202	Greenhouse Industry .....	.50
22-203	Shipments of Fruit and Ornamental Nursery Stock .....	.75
22-204	Production and Value of Maple Products .....	.25

Subscription orders should be sent to the Information Services Division

Dominion Bureau of Statistics, Ottawa, Canada, with enclosed

remittances made payable to the Receiver General of Canada

OUTLINE MAP OF THE PRAIRIE PROVINCES  
SHOWING  
CROP DISTRICT BOUNDARIES



STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA  
1010504498