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Chief, Agricultural Branch:

R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
E. W. Grindley, Ph.D.

### FIELD CROPS OF CANADA

Ottawa, September 11, 1934. 4 p.m. - The Dominion Bureau of Statistics issues today a bulletin, reporting for 1934 (1) the preliminary estimate of the yields of the principal grain crops and (2) the condition of the late-sown crops. The estimates are based on schedules returned by a numerous corps of crop correspondents, including farmers throughout Canada, bank managers, rural postmasters and railway and elevator agents in the Prairie Provinces. A list of agriculturists was also circulated, in addition to those already co-operating as regular crop correspondents.

Estimates of yield are based on the averages compiled from the annual June Survey in the Prairie Provinces, Ontario, Prince Edward Island and New Brunswick, and from the reports of crop correspondents in Nova Scotia, Quebec and British Columbia.

### SUMMARY

The 1934 wheat crop of Canada is estimated at 277,304,000 bushels, consisting of 270,282,000 bushels of spring wheat and 7,022,000 bushels of fall wheat. Production of wheat in the Prairie Provinces is estimated at 265,000,000 bushels. The production of oats in Canada is estimated at 344,746,000 bushels, barley at 68,800,000 bushels, rye at 6,523,000 bushels and flaxseed at 1,096,000 bushels. Yields per acre of all grains are below average but are slightly higher than the unrevised estimates for last year.

Wheat production in Canada is estimated at 277,304,000 bushels as compared with an unrevised estimate of 269,729,000 bushels for 1933. The estimate of 265,000,000 bushels for the Prairie Provinces compares with an unrevised estimate of 250,341,000 bushels for last year. Preliminary disposition figures indicate that the 1933 western wheat crop was underestimated by about 13,000,000 bushels. If this underestimate is substantiated by final disposition figures, it is apparent that the preliminary estimate of the 1934 Canadian wheat crop is slightly lower than the final output of 1933 and that the preliminary estimate of the 1934 wheat crop of the Prairie Provinces is only about 1,000,000 bushels larger than actual production in 1933.

Production of wheat in eastern Canada is much lower than last year owing to an extremely small winter wheat crop in Ontario.

Condition figures for late-sown crops indicate a larger production than in 1933 but below-average yields. The condition of pastures in Canada is extremely poor and lower than at the same time last year.

### Crop Production in Canada, 1934.

The estimated yields per acre of grain crops in 1934 are considerably below the long-time averages but are slightly higher than the yields of 1933. The small grain production is largely due to damage to the Ontario winter wheat crop through drought and to below-average yields in the Prairie Provinces, where drought, extreme heat, pests and frost combined to reduce the output in all three provinces.

In the Maritime provinces the estimated yields per acre in 1934 are about average, with especially good yields harvested in New Brunswick. While drought affected yields in some districts in Quebec, the average yield per acre for all grains is estimated to be about average. A below-average yield of flaxseed is reported. In Ontario drought greatly reduced the yield of winter wheat, with production estimated at about one-half that of last year. Spring wheat, oats and barley yielded well in Ontario.

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The Prairie Provinces experienced a very unfavourable growing season with large areas affected by drought, soil drifting, extreme heat, pests, hail and frost. The most adverse conditions were experienced in the southern and central areas of the three provinces while northern districts again received adequate rainfall. The season commenced with extremely dry weather during the month of May, resulting in soil drifting, especially in southern areas. In many cases growth did not commence until the early part of June. In June timely rains were received and crops throughout western Canada responded to improved conditions with a marked recovery throughout the drought area. The rains also assisted in checking the damage of grasshoppers. In July drought conditions returned and moisture reserves were insufficient to carry the crop through the hot dry weather experienced during the latter part of July and the early part of August. The hopeful outlook resulting from the June rains faded rapidly. The greatest damage occurred in southern Manitoba, southern, central and west-central Saskatchewan and in parts of southern and central Alberta. During the latter part of August damaging frosts were received in northern Saskatchewan and Alberta. These frosts lowered both yields and grades and were particularly damaging to late crops.

The average yield of wheat per acre in Alberta is estimate at 15.5 bushels, in Manitoba at 13.8 bushels and in Saskatchewan at 8.6 bushels. These yields are substantially below average and the yield per acre in Saskatchewan is only slightly more than one-half of the long-time average. Wheat production in Alberta is estimated at 116,000,000 bushels. The Saskatchewan wheat crop is estimated at 114,200,000 bushels and Manitoba production at 34,800,000 bushels. Preliminary estimates show that wheat production in Manitoba and Alberta is larger than in 1933 while production in Saskatchewan is smaller than in 1933. Taking the Prairie Provinces as a whole, production of oats, barley, rye and flaxseed is larger than in 1933 but far below average.

Condition of Late-sown Crops and Pastures

During the month of August the condition of late-sown crops showed a mixed trend. The condition of peas, beans, buckwheat, mixed grains, corn for fodder and husking, and sugar beets was maintained or improved during August. The condition of the potato crop declined from 89 per cent on July 31 to 85 per cent on August 31. A sharp decline in the condition of pastures took place during August. On July 31 the condition of pastures was reported at 76 per cent of the long-time average while on August 31 the condition was given at 71 per cent.

Preliminary Estimate of the Yield of Grain Crops

For all Canada, the average yields per acre in 1934, in bushels, are as follows, with the figures for 1933 within brackets: Fall wheat 15.5 (25.1); spring wheat 11.5 (10.1); all wheat 12.6 (10.4); oats 25.0 (22.7); barley 19.0 (17.3); fall rye 8.9 (7.9); spring rye 8.7 (5.9); all rye 8.9 (7.4); flaxseed 4.8 (2.6). The total yields in bushels are estimated as follows, with last year's figures in brackets: Fall wheat 7,022,000 (14,031,000); spring wheat 270,282,000 (255,998,000); all wheat 277,304,000 (269,729,000); oats 344,746,000 (307,478,000); barley 68,800,000 (63,359,000); fall rye 5,239,000 (3,454,000); spring rye 1,284,000 (873,000); all rye 6,523,000 (4,327,000); flaxseed 1,096,000 (632,000).

Grain Yields of the Prairie Provinces

For the three Prairie Provinces, the preliminary estimates of total production in 1934, as compared with 1933 in brackets, are in bushels as follows: Wheat 265,000,000 (250,341,000); oats 196,657,000 (177,422,000); barley 49,867,000 (47,243,000); rye 5,507,000 (3,254,000); flaxseed 1,023,000 (563,000). By provinces, the yields in bushels are: Manitoba: Wheat 34,800,000 (32,500,000); oats 27,698,000 (29,500,000); barley 17,591,000 (16,900,000); rye 995,000 (575,000); flaxseed 171,000 (110,000). Saskatchewan: Wheat 114,200,000 (123,842,000); oats 75,850,000 (75,422,000); barley 14,253,000 (17,560,000); rye 1,896,000 (1,777,000); flaxseed 734,000 (410,000); Alberta: Wheat 116,000,000 (94,599,000); oats 93,109,000 (72,500,000); barley 18,023,000 (12,783,000); rye 2,616,000 (902,000); flaxseed 118,000 (43,000).

Condition of Late-sown Crops

On August 31, 1934, the condition of late-sown crops for Canada, in percentage of the long-time average yield per acre, is reported as follows, the figures within brackets showing the condition on July 31, 1934 and August 31, 1933 in the order mentioned: Peas 37 (87, 80); beans 86 (80, 77); buckwheat 86 (86, 83); mixed grains 91 (39, 75); corn for husking 80 (71, 75); /35 (89, 80); turnips, etc. 84 (85, 79); alfalfa 73 ( - 77); fodder corn 82 (82, 81); /sugar beets 83 (69, 83); pasture 71 (76, 75).  
potatoes



1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed in Canada, 1934, as compared with 1933.

Field Crops	1933	1934	1933	1934	1933	1934
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
<u>CANADA -</u>						
Fall wheat	559,000	425,600	25.1	16.5	14,031,000	7,022,000
Spring wheat	25,432,100	23,558,600	10.1	11.5	255,698,000	270,282,000
All wheat	25,991,100	23,984,200	10.4	11.6	269,729,000	277,304,000
Oats	13,528,900	13,782,000	22.7	25.0	307,478,000	344,746,000
Barley	3,658,000	3,615,700	17.3	19.0	63,359,000	68,800,000
Fall rye	434,900	587,100	7.9	8.9	3,454,000	5,239,000
Spring rye	148,200	147,100	5.9	8.7	873,000	1,284,000
All rye	583,100	734,200	7.4	8.9	4,327,000	6,523,000
Flaxseed	243,600	226,200	2.6	4.8	632,000	1,096,000
<u>P. E. ISLAND -</u>						
Spring wheat	23,400	25,200	24.0	18.7	562,000	471,000
Oats	154,000	148,100	38.0	31.5	5,852,000	4,665,000
Barley	3,900	3,000	32.0	25.2	125,000	76,000
<u>NOVA SCOTIA -</u>						
Spring wheat	3,400	3,400	17.5	18.0	60,000	61,000
Oats	39,500	85,000	34.7	31.3	3,102,000	2,692,000
Barley	7,900	7,500	27.2	23.9	215,000	179,000
<u>NEW BRUNSWICK -</u>						
Spring wheat	13,500	15,600	20.1	20.4	271,000	313,000
Oats	210,500	209,100	29.3	29.5	6,172,000	6,168,000
Barley	12,300	11,300	26.0	26.3	320,000	297,000
<u>QUEBEC -</u>						
Spring wheat	58,200	62,000	16.8	19.8	979,000	1,222,000
Oats	1,712,000	1,735,000	26.1	28.6	44,880,000	49,627,000
Barley	130,800	136,000	23.8	25.3	3,117,000	3,441,000
Spring rye	5,100	5,000	16.1	16.8	82,000	84,000
Flaxseed	1,800	1,700	8.4	8.2	15,000	14,000
<u>ONTARIO -</u>						
Fall wheat	559,000	425,600	25.1	16.5	14,031,000	7,022,000
Spring wheat	97,000	96,400	17.2	18.3	1,668,000	1,764,000
All wheat	656,000	522,000	23.9	16.8	15,699,000	8,786,000
Oats	2,316,000	2,390,800	28.3	33.6	65,543,000	80,331,000
Barley	461,000	484,900	26.1	30.1	12,032,000	14,595,000
Fall rye	54,000	55,900	16.9	15.2	913,000	850,000
Flaxseed	5,500	5,700	9.0	9.6	50,000	55,000
<u>MANITOBA -</u>						
Spring wheat	2,536,000	2,533,000	12.8	13.8	32,500,000	34,800,000
Oats	1,504,000	1,458,000	19.6	19.0	29,500,000	27,698,000
Barley	1,173,000	1,125,000	14.4	15.6	16,900,000	17,591,000
Fall rye	36,700	76,800	12.5	11.1	458,000	852,000
Spring rye	9,000	10,600	13.0	13.5	117,000	143,000
All rye	45,700	87,400	12.6	11.4	575,000	995,000
Flaxseed	20,200	25,600	5.4	6.7	110,000	171,000
<u>SASKATCHEWAN -</u>						
Spring wheat	14,743,000	13,262,000	8.4	8.6	123,841,000	114,200,000
Oats	4,571,000	4,525,000	16.5	16.4	75,422,000	75,850,000
Barley	1,228,000	1,088,000	14.3	13.1	17,560,000	14,253,000
Fall rye	232,200	278,000	5.8	4.6	1,347,000	1,279,000
Spring rye	72,800	68,500	5.9	9.0	430,000	617,000
All rye	305,000	346,500	5.8	5.5	1,777,000	1,896,000
Flaxseed	205,000	174,700	2.0	4.2	410,000	734,000

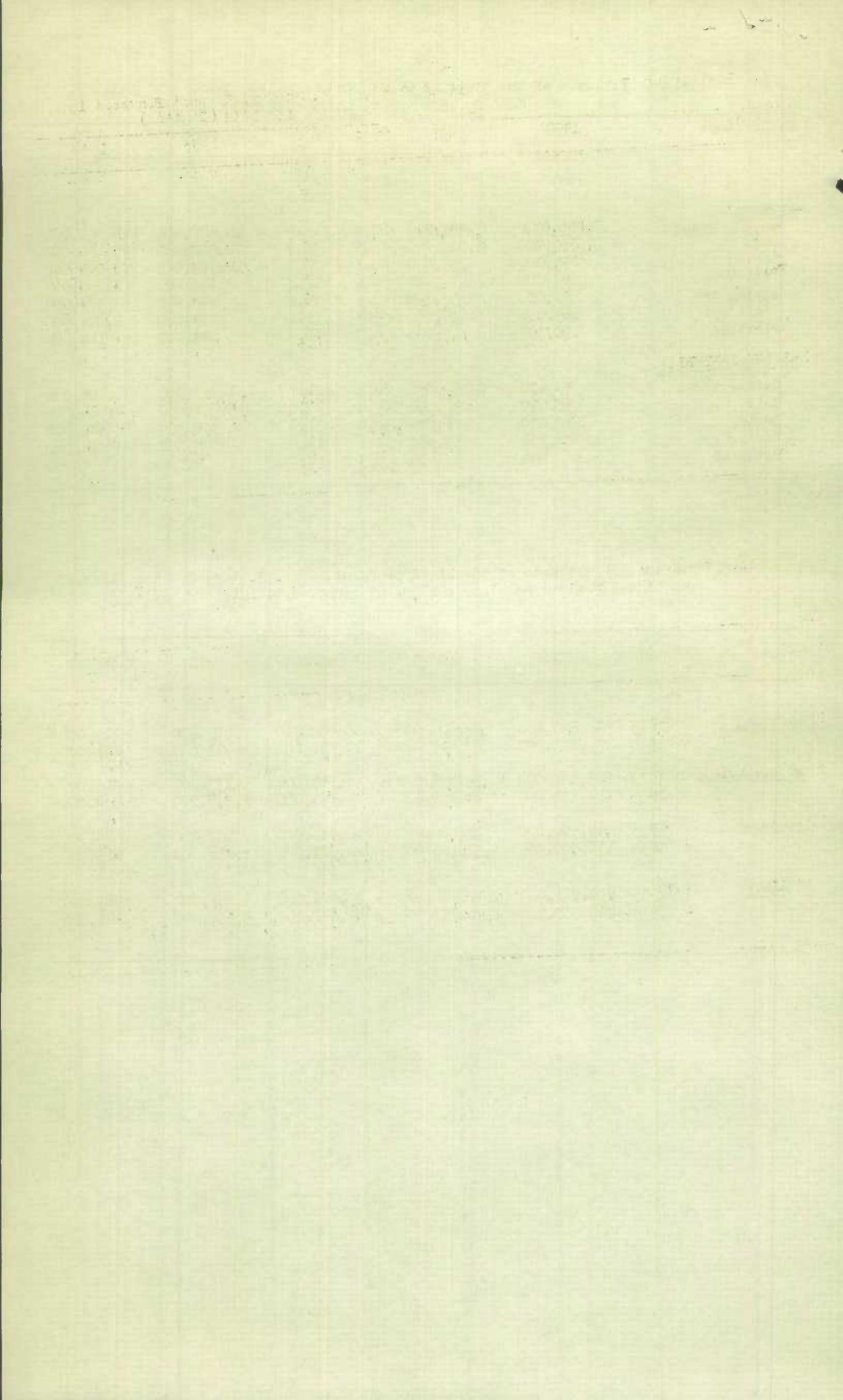


1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed in Canada, 1934, as compared with 1933. (Cont'd.)

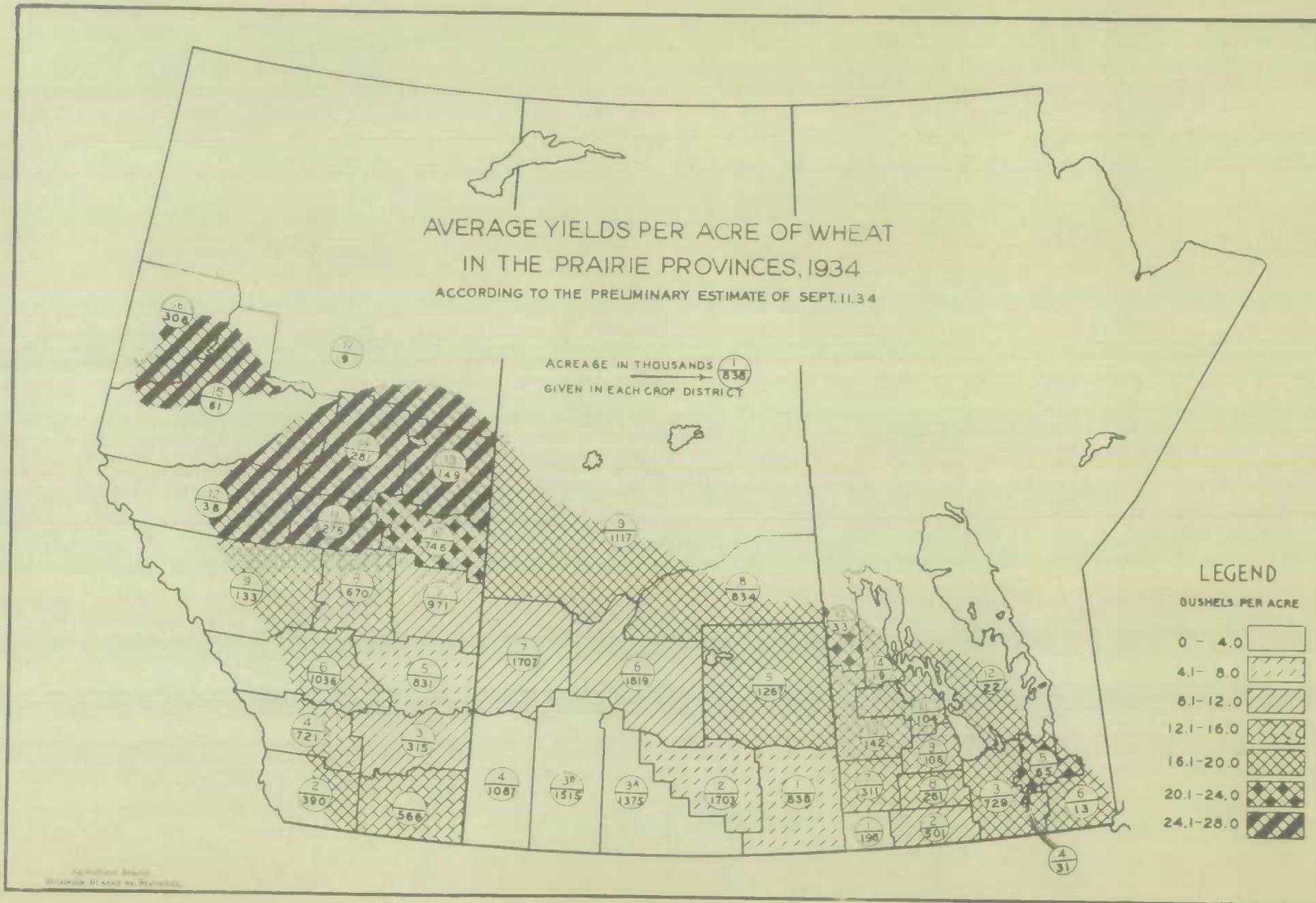
Field Crops	1933	1934	1933	1934	1933	1934
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
<u>ALBERTA -</u>						
Spring wheat	7,898,000	7,501,000	12.0	15.5	94,500,000	116,000,000
Oats	2,870,000	3,032,000	25.3	30.7	72,500,000	93,109,000
Barley	631,000	749,000	20.3	24.1	12,783,000	18,023,000
Fall rye	112,000	176,400	6.6	12.8	736,000	2,258,000
Spring rye	57,000	58,700	2.9	6.1	166,000	358,000
All rye	169,000	235,100	5.3	11.1	902,000	2,616,000
Flaxseed	10,700	18,100	4.0	6.5	43,000	118,000
<u>BRITISH COLUMBIA -</u>						
Spring wheat	59,600	60,000	22.1	24.1	1,317,000	1,446,000
Oats	95,900	98,000	47.0	47.0	4,507,000	4,606,000
Barley	10,100	11,000	30.4	31.4	307,000	345,000
Spring rye	4,300	4,300	18.1	19.0	78,000	82,000
Flaxseed	400	400	9.3	9.8	4,000	4,000

11. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1934, as compared with 1933.

Province		WHEAT	OATS	BARLEY	RYE	FLAXSEED
		(bushels)				
Manitoba	1933	32,500,000	29,500,000	16,900,000	575,000	110,000
	1934	34,800,000	27,698,000	17,591,000	995,000	171,000
Saskatchewan	1933	123,841,000	75,422,000	17,560,000	1,777,000	410,000
	1934	114,200,000	75,850,000	14,253,000	1,896,000	734,000
Alberta	1933	94,500,000	72,500,000	12,783,000	902,000	43,000
	1934	116,000,000	93,109,000	18,023,000	2,616,000	118,000
TOTAL	1933	250,841,000	177,422,000	47,243,000	3,254,000	563,000
	1934	265,000,000	195,657,000	49,367,000	5,507,000	1,023,000



AVERAGE YIELDS PER ACRE OF WHEAT  
 IN THE PRAIRIE PROVINCES, 1934  
 ACCORDING TO THE PRELIMINARY ESTIMATE OF SEPT. 11, 1934



Geographical Names  
 BY KINDER BEAVER IN CANADA

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