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FIELD CROPS OF CANADA.

Ottawa, August 11, 1923.- The Dominion Bureau of Statistics issued today a crop bulletin, compiled from the reports of crop correspondents, giving (1) a preliminary estimate of the yield of fall wheat, fall rye in the Prairie Provinces, hay and clover, and the first cutting of alfalfa; (2) the condition of other field crops on July 31, expressed numerically as a percentage of the decennial average for the period 1913-22, and (3) a forecast of the total yields of these crops, by provinces, as indicated by their condition on July 31. In respect of the five principal grain crops for the three Prairie Provinces (wheat, oats, rye, barley and flaxseed), the areas now published represent the results obtained by the annual statistics collected in June last through the rural schools. Crop conditions at the end of July are reported as continuing to be generally favourable, especially in Saskatchewan and Alberta, where the percentage condition for wheat and oats is considerably above the average. In Manitoba the condition for wheat has somewhat receded during the month, damage having been caused by attacks of rust and sawfly.

Fall Wheat, Fall Rye and Hay and Clover.- The average yield per acre of fall wheat in Canada is estimated to be  $23\frac{3}{4}$  bushels, as compared with  $21\frac{1}{2}$  bushels last year, and with 23 bushels, the decennial average. On the harvested area of 905,060 acres, the total yield is therefore 21,465,000 bushels, as compared with 18,956,000 bushels from 892,569 acres last year. In Ontario the preliminary estimate for this year is 18,770,000 bushels from 807,300 acres, as against 17,793,000 bushels from 813,935 acres last year, the average yields per acre being  $23\frac{1}{4}$  bushels, as against 21.90 bushels. In Alberta the yield is 2,317,000 bushels from 84,260 acres, as against 839,000 bushels from 64,554 acres last year, the average yields per acre being  $27\frac{1}{2}$  bushels as against 13 bushels. The total yield of fall rye in the three Prairie Provinces this year is estimated at 19,770,000 bushels from 974,628 acres, an average yield per acre of  $20\frac{1}{4}$  bushels. This is the first year that fall rye is separately distinguished, the distinction being made only for the three Prairie Provinces. Hay and clover give the total yield of 14,668,000 tons from 10,167,000 acres, as compared with 14,488,200 tons from 10,001,667 acres last year. The average yield per acre is 1.45 ton for both years, the decennial average being 1.40 ton. Of alfalfa (first cutting), the total yield is placed at 543,000 tons from 312,500 acres, as compared with 806,400 tons from 305,933 acres last year. The average yield per acre is  $1\frac{1}{2}$  ton, as against 2.65 tons last year, and 2.45 tons, the ten-year average.

Condition of Other Field Crops.- For all Canada the condition of the principal field crops in percentage of the ten-year average is as follows, the figures for June 30, 1923, and for July 31, 1922, being given within brackets: Spring wheat 106 (106; 90); oats 101 (102; 93); barley 98 (100; 95); spring rye 102 (101; 95); peas 93 (97; 102); beans 95 (97; 102); buckwheat 94 (98; 99); mixed grains 97 (98; 106); flaxseed 103 (101; 92); corn for husking 98 (95; 95); potatoes 97 (97; 98); turnips, etc. 94 (97; 97); fodder corn 92 (97; 96); sugar beets 94 (95; 98). At the end of July this year the condition of the principal crops in the Prairie Provinces was as follows: Wheat, Manitoba 96; Saskatchewan 108; Alberta 112. Oats, Manitoba 98; Saskatchewan 109; Alberta 110. Barley, Manitoba 96; Saskatchewan 105; Alberta 109. Rye, Manitoba 93; Saskatchewan 104; Alberta 112. Flaxseed, Manitoba 94; Saskatchewan 104; Alberta 103. Potatoes, Manitoba 95; Saskatchewan 102; Alberta 105.

Forecast of Total Yields.- Based on the preliminary estimates of fall wheat and fall rye, and upon the condition of other crops at the end of July, the following is a forecast of total yields in bushels, last year's final estimates being given within brackets for comparison:  
Wheat 382,514,000 (399,786,400); oats 448,659,000 (491,239,000); barley 67,545,000 (71,865,300); rye 27,819,000 (32,373,400); flaxseed 5,007,000 (5,008,500); potatoes 56,251,000 centals (55,745,300). The indicated average yields in bushels per acre for these crops are: Wheat  $163\frac{1}{2}$  (17 $\frac{3}{4}$ ; 15 $\frac{3}{4}$ ); oats  $32\frac{1}{2}$  (33 $\frac{3}{4}$ ; 32); barley  $24\frac{1}{4}$  (27 $\frac{3}{4}$ ; 24 $\frac{1}{2}$ ); rye  $18\frac{3}{4}$  (15 $\frac{3}{4}$ ; 15 $\frac{3}{4}$ ); flaxseed 8.90 (8.85; 8.65); potatoes 85.75 centals (81.55; 88.60).



The yields per acre within brackets are respectively those for 1922 and the ten-year average 1913-22. Except as above indicated for the five principal grain crops in the Prairie Provinces, these forecasts are based upon the areas sown as estimated from the reports of crop correspondents at the end of June; they are therefore subject to correction by the annual returns of acreage, now in process of compilation.

Areas and Yields of Grain Crops in Prairie Provinces.- For the three Prairie Provinces, the areas sown and the forecast of yields, as indicated by condition at the end of July, are as follows, the figures within brackets representing the final estimates for 1922: Wheat 21,663,360 acres, 357,295,000 bushels (21,223,448 acres, 375,194,000 bushels); oats 7,918,782 acres, 266,827,000 bushels (8,564,212 acres, 289,660,000 bushels); barley 2,180,122 acres 51,387,000 bushels (1,983,292 acres, 53,612,000 bushels); rye 1,303,210 acres 25,038,000 bushels (1,926,117 acres, 29,429,000 bushels); flaxseed 620,172 acres, 5,501,000 bushels (555,043 acres, 4,901,700 bushels). By provinces, the areas and yields are: Manitoba, wheat 2,915,915 acres, 44,468,000 bushels (3,125,556 acres, 60,051,000 bushels); oats 1,834,504 acres, 57,328,000 bushels (1,851,608 acres, 74,433,000 bushels); barley 1,156,212 acres, 25,726,000 bushels (968,783 acres, 28,863,000 bushels) rye 337,528 acres, 5,892,000 bushels (421,603 acres, 7,078,000 bushels); flaxseed 139,519 acres, 1,256,000 bushels (66,680 acres, 734,000 bushels). Saskatchewan, wheat 12,790,984 acres, 211,051,000 bushels (12,332,297 acres, 250,167,000 bushels); oats 4,238,031 acres, 143,034,000 bushels (5,098,104 acres, 179,708,000 bushels); barley 640,402 acres, 15,690,000 bushels (636,456 acres, 18,511,000 bushels); rye 568,924 acres, 11,647,000 bushels (900,931 acres, 16,164,000 bushels); flaxseed 465,653 acres, 4,121,000 bushels (466,177 acres, 4,079,000 bushels). Alberta, wheat 5,956,061 acres, 101,776,000 bushels (5,765,595 acres, 64,976,000 bushels); oats 1,846,247 acres, 66,465,000 bushels (1,614,500 acres, 35,519,000 bushels); barley 383,508 acres, 9,971,000 bushels (378,053 acres, 6,238,000 bushels); rye 396,758 acres, 7,499,000 bushels (603,583 acres, 6,187,000 bushels) flaxseed 15,000 acres, 124,000 bushels (22,186 acres, 88,700 bushels).

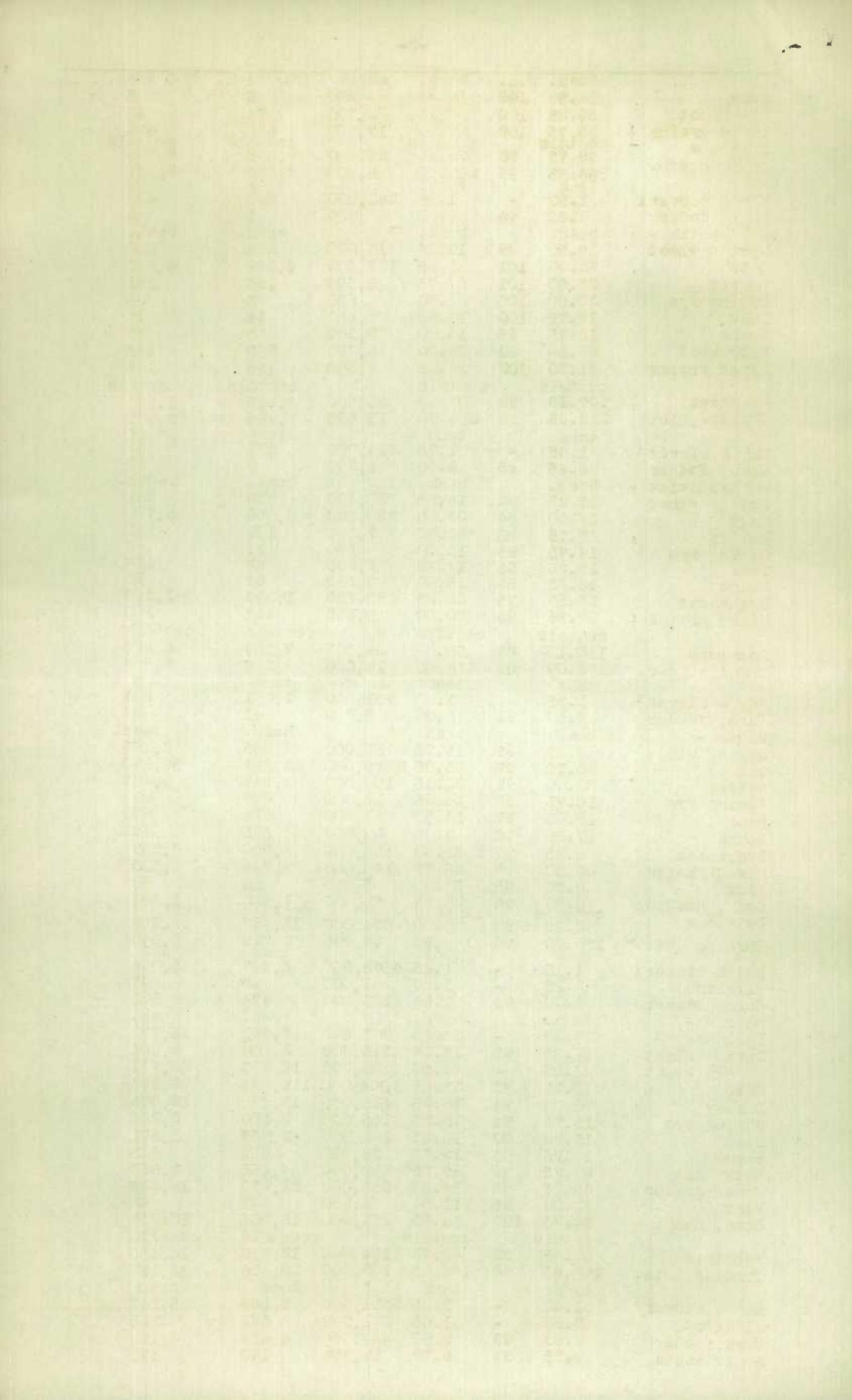
Harvest Forecast as Indicated by Condition of Field Crops on July 31, 1923. (Condition, Col. 3, 100 = Average Yield per Acre, 1913-22).

Field Crops	Average Yield per acre 1913-22	Con- dition July 31, 1923	Indi- cated yield per acre 1923	Area sown 1923	Final Estimate 1922	Forecast of Yield 1923
	bush.	p.c.	bush.	acres	000 bush.	000 bush.
Canada -						
Fall wheat <sup>1</sup>	23.00	-	23.75	905,060	18,956	21,465
Spring wheat	15.50	106	16.50	21,928,900	380,830	361,049
All wheat	15.75	106	16.75	22,833,960	399,786	382,514
Oats	32.00	101	32.25	13,896,482	491,239	448,659
Barley	24.75	98	24.25	2,785,022	71,865	67,545
Fall rye	-	-	20.25	974,628	-	19,770
Spring rye	15.75	102	16.00	499,982	-	8,049
All rye	-	-	18.75	1,474,610	32,373	27,819
Peas	16.75	93	15.50	185,720	3,429	2,864
Beans	16.00	95	15.25	77,000	1,303	1,175
Buckwheat	21.75	94	20.50	430,600	9,701	8,870
Mixed grains	33.75	97	32.75	781,100	27,708	25,596
Flax	8.65	103	8.90	630,172	5,009	5,607
Corn, husking	51.00	98	50.00	307,000	13,798	15,351
Potatoes	centals		centals		centals	centals
	88.60	97	85.75	656,300	55,745	56,251
Turnips, etc.	181.30	94	169.75	220,000	43,974	37,339
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.40	-	1.45	10,167,000	14,488	14,668
Alfalfa <sup>1</sup>	2.45	-	1.75	312,500	806	543
Corn, fodder	9.30	92	8.60	676,000	5,879	5,794
Sugar beets	9.25	94	8.70	19,700	190	171
P.E. Island -	bush.		bush.		bush.	bush.
Spring wheat	18.00	99	17.75	32,200	689	572
Oats	34.00	102	34.75	184,000	6,533	6,394
Barley	27.75	100	27.75	4,700	136	130

<sup>1</sup> Preliminary estimate.



	bush.	p.c.	bush.	acres	000 bush.	000 bush.
Peas	18.50	100	18.75	270	6	5
Buckwheat	25.25	100	25.25	2,700	74	68
Mixed grains	38.75	102	39.50	17,700	652	699
Potatoes	98.75	98	96.75	35,000	2,658	3,285
Turnips, etc.	253.35	99	250.75	8,100	2,313	2,031
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.50	-	1.55	261,000	580	405
Corn, fodder	9.40	96	9.00	700	5	6
Nova Scotia -	bush.		bush.		bush.	bush.
Spring wheat	19.50	99	19.25	13,000	293	250
Oats	32.00	101	32.25	135,500	4,549	4,370
Barley	27.50	101	27.75	6,900	194	191
Spring rye	20.00	105	21.00	250	5	5
Peas	19.75	100	19.75	650	14	13
Beans	16.75	95	16.00	3,100	59	50
Buckwheat	23.50	98	23.00	8,400	208	193
Mixed grains	31.50	102	32.25	4,500	138	145
	centals		centals		centals	centals
Potatoes	197.10	98	105.00	36,500	3,695	3,833
Turnips, etc.	218.95	98	214.50	15,800	3,455	3,289
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.65	-	1.75	564,000	871	987
Corn, fodder	8.45	95	8.00	1,200	9	10
New Brunswick -	bush.		bush.		bush.	bush.
Spring wheat	17.25	94	16.25	22,200	396	361
Oats	29.00	94	27.25	320,000	9,666	8,720
Barley	23.75	93	22.00	7,300	188	161
Spring rye	16.75	95	16.00	550	11	9
Peas	15.25	96	14.75	2,200	32	32
Beans	16.25	93	15.00	3,500	64	53
Buckwheat	23.50	95	22.25	53,500	1,393	1,190
Mixed grains	30.25	96	29.00	3,600	113	104
	centals		centals		centals	centals
Potatoes	110.10	89	98.00	66,000	7,369	6,466
Turnips, etc.	178.00	89	158.50	16,200	3,218	2,568
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.35	-	1.20	701,000	1,051	841
Corn, fodder	6.50	91	6.00	5,700	41	34
Quebec -	bush.		bush.		bush.	bush.
Spring wheat	16.25	97	15.75	135,000	2,286	2,126
Oats	26.75	97	26.00	2,275,000	62,281	59,150
Barley	23.00	97	22.25	154,000	3,549	3,427
Spring rye	16.75	97	16.25	18,000	298	293
Peas	15.00	97	14.50	62,000	914	899
Beans	17.50	97	17.00	29,000	505	493
Buckwheat	22.25	97	21.50	166,000	3,760	3,569
Mixed grains	26.50	97	25.75	140,000	3,744	3,605
Flax	10.50	95	10.00	5,800	58	58
Corn, husking	28.50	96	27.25	53,000	1,492	1,444
Potatoes	92.95	99	92.00	204,000	16,983	18,768
Turnips, etc.	150.00	95	142.50	48,000	7,719	6,840
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.35	-	1.25	4,078,000	5,397	5,098
Alfalfa <sup>1</sup>	2.15	-	1.50	31,000	45	47
Corn, fodder	8.00	94	7.50	123,000	874	923
Ontario -	bush.		bush.		bush.	bush.
Fall wheat <sup>1</sup>	23.25	-	23.25	807,300	17,793	18,770
Spring wheat	18.25	95	17.25	116,000	2,100	2,001
All wheat	22.25	-	22.50	923,300	19,893	20,771
Oats	35.75	93	33.25	3,004,000	116,034	99,883
Barley	30.00	94	28.25	425,000	13,972	12,006
Spring rye	16.75	94	15.75	145,000	2,500	2,284
Peas	17.00	90	15.25	103,000	2,077	1,571
Beans	14.75	93	13.75	38,000	623	523
Buckwheat	20.75	93	19.25	200,000	4,266	3,850
Mixed grains <sup>1</sup>	36.25	95	34.50	552,000	21,270	19,044
Flax	12.00	95	11.50	4,200	49	48
Corn, husking	54.75	100	54.75	254,000	12,306	13,907
	centals		centals		centals	centals
Potatoes	69.35	92	63.75	164,000	12,210	10,455
Turnips, etc.	193.85	92	178.25	102,000	23,318	18,182
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.40	-	1.55	3,511,000	5,568	5,597
Alfalfa <sup>1</sup>	2.50	-	1.65	221,000	629	365
Corn, fodder	9.90	95	9.50	434,000	4,413	4,123
Sugar beets	9.25	94	8.70	19,700	190	171



	bush.	p.c.	bush.	acres	000 bush.	000 bush.
Manitoba -						
Spring wheat	16.00	96	15.25	2,915,915	60,051	44,468
Oats	32.00	98	31.25	1,834,504	74,433	57,328
Barley	23.25	96	22.25	1,156,212	28,863	25,726
Fall rye <sup>1</sup>	-	-	18.00	284,987	-	5,130
Spring rye	15.50	93	14.50	52,541	-	762
All rye	15.50	-	17.50	337,528	7,078	5,892
Peas	18.00	100	18.00	11,000	258	198
Mixed grains	25.50	98	25.00	12,800	405	320
Flax	9.50	94	9.00	139,519	734	1,256
	centals		centals		centals	centals
Potatoes	82.75	95	78.50	37,000	3,725	2,905
Turnips, etc.	110.00	97	106.75	4,600	673	491
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.45	-	1.70	229,000	394	389
Alfalfa <sup>1</sup>	2.25	-	1.75	4,600	12	8
Corn, fodder	5.95	105	6.25	30,600	216	191
Saskatchewan -					bush.	bush.
Spring wheat	15.25	108	16.50	12,790,984	250,167	211,051
Oats	31.00	109	33.75	4,238,031	179,708	143,034
Barley	23.25	105	24.50	640,402	18,511	15,690
Fall rye <sup>1</sup>	-	-	22.00	385,876	-	8,489
Spring rye	16.50	104	17.25	183,048	-	3,158
All rye	16.50	-	20.50	568,924	16,164	11,647
Peas	19.50	101	19.75	2,500	52	49
Beans	15.00	100	15.00	2,200	28	33
Mixed grains	30.50	111	33.75	30,600	861	1,033
Flax	8.50	104	8.85	465,653	4,079	4,121
	centals		centals		centals	centals
Potatoes	80.90	102	82.50	53,400	4,012	4,406
Turnips, etc.	141.45	103	145.75	8,800	973	1,283
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.40	-	1.90	275,000	360	523
Alfalfa <sup>1</sup>	2.00	-	1.50	7,400	14	11
Corn, fodder	6.00	103	6.25	52,200	187	326
Alberta -					bush.	bush.
Fall wheat <sup>1</sup>	20.50	-	27.50	84,260	839	2,317
Spring wheat	15.00	112	16.75	5,872,201	64,137	99,459
All wheat	15.10	-	17.00	5,956,461	64,976	101,776
Oats	32.75	110	36.00	1,846,247	35,519	66,465
Barley	23.75	109	26.00	383,508	6,238	9,971
Fall rye <sup>1</sup>	-	-	20.25	303,765	-	6,151
Spring rye	13.00	112	14.50	92,993	-	1,348
All rye	13.00	-	19.00	395,858	6,187	7,492
Peas	18.00	105	19.00	1,800	19	34
Beans	15.00	99	14.75	100	1	2
Mixed grains	27.75	107	29.75	14,600	370	434
Flax	8.00	103	8.25	15,000	89	124
	centals		centals		centals	centals
Potatoes	86.35	105	90.75	41,000	2,791	3,721
Turnips, etc.	106.60	106	113.00	9,300	806	1,051
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	1.30	-	1.65	300,000	234	495
Alfalfa <sup>1</sup>	2.15	-	2.40	32,000	58	77
Corn, fodder	5.30	102	5.50	24,000	82	132
Br. Columbia -					bush.	bush.
Fall wheat <sup>1</sup>	25.25	-	28.00	13,500	324	378
Spring wheat	23.75	102	24.25	31,400	711	761
All wheat	24.50	-	25.50	44,900	1,035	1,139
Oats	51.00	110	56.00	59,200	2,516	3,315
Barley	33.50	104	34.75	7,000	214	243
Spring rye	24.00	104	25.00	7,600	140	190
Peas	26.00	105	27.25	2,300	57	63
Beans	19.00	100	19.00	1,100	22	21
Mixed grains	38.50	104	40.00	5,300	155	212
	centals		centals		centals	centals
Potatoes	115.50	103	119.00	19,400	2,302	2,309
Turnips, etc.	208.90	100	208.90	7,200	1,469	1,504
	tons		tons		tons	tons
Hay & clover <sup>1</sup>	2.10	-	2.25	148,000	233	333
Alfalfa <sup>1</sup>	3.25	-	2.10	16,500	48	35
Corn, fodder	10.40	103	10.75	4,600	52	49

<sup>1</sup> Preliminary estimate.

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