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FIELD CROPS OF CANADA

Ottawa, September 10, 1924, 4 p.m. The Dominion Bureau of Statistics issued to-day its first or preliminary estimate of the yields of the principal grain crops, based upon reports of average yields per acre as estimated by crop correspondents at the end of August. The areas used for the preliminary estimate of totals are as obtained in June last through the rural schools for wheat, oats, rye, barley and flaxseed in the Prairie Provinces and for all crops in the Atlantic Provinces and Ontario. For Quebec and British Columbia the areas are as estimated by crop correspondents at the end of June.

General Conditions in the West.

Throughout the Prairie Provinces the harvest is about two weeks late. In Manitoba conditions have improved generally during August. The grain has filled well and should yield good, plump samples. Many correspondents, however, report damage from night frosts on August 9-15, the frost on the last named date being the most serious. The extent of the damage cannot be ascertained until threshing. Some damage is also reported as due to rust and sawfly. In Saskatchewan showery weather during the early part of the month and drier and warmer weather towards its close improved the late-sown crops. Fair yields of wheat are expected in the southern and east central districts. In the drier areas weeds, especially pig weed, grew rapidly after the rains, and in some cases got ahead of the crops. A high wind on the 30th damaged ripe crops in the south. Some rust is reported in the south east, but the extent of the damage will not be great. The sawfly has done some damage in many places. Telegraphic reports received by the Saskatchewan Department of Agriculture on the 8th instant state that frosts occurring last week were severe enough in a few places in the Southern and Eastern districts to lower the grade of wheat and do considerable damage to late sown crops. In other places the extent of the damage will not be known before threshing. Only light frosts are reported in the central, west central and north western districts with little or no damage to field crops. Good harvest weather prevailed pretty generally over the province last week and wheat cutting is well advanced; also a large acreage of coarse grains is cut. Threshing has commenced in a few districts in the south western part of the province and with favourable weather will be general by the end of next week. In Alberta rains during August effected a wonderful improvement in most crops, though as a rule they came too late for wheat. Ripening has been retarded by rains, but was rapid where the weather proved favourable. In some cases the rain caused second growth. Some farmers express apprehension of damage from frost because of the lateness of the season. Correspondents were requested to estimate the areas of grain and flax that are likely to prove unproductive of grain, either through total loss of crop or owing to their being cut green or turned into hay. It is too soon to present any definite figures under this head, but the reports received indicate that in Saskatchewan the percentage of the areas sown that will fail to produce grain are about 12 for wheat and 16 for oats and 5 or 6 in the case of barley and spring rye. In Alberta it is estimated that at least 25 p.c. of the area sown to wheat and 25 p.c. of the area sown to oats will fail to produce grain. In Manitoba the percentages are slight and practically negligible.

Preliminary Estimate of Grain Yields

The average yields in bushels per acre for all Canada in 1924, with last year's finally-determined averages in brackets, are reported as follows: Fall wheat 25.2 (23.8); spring wheat 12.5 (20.8); all wheat 13 (21); oats 32 (30.3); barley 26.6 (27.8); fall rye 16.6 (16.3); spring rye 14.7 (15.6); all rye 16.2 (16); flaxseed 8.5 (11.3). The total yields in bushels, based on these averages and on the areas sown, are as follows, last year's final estimates being given

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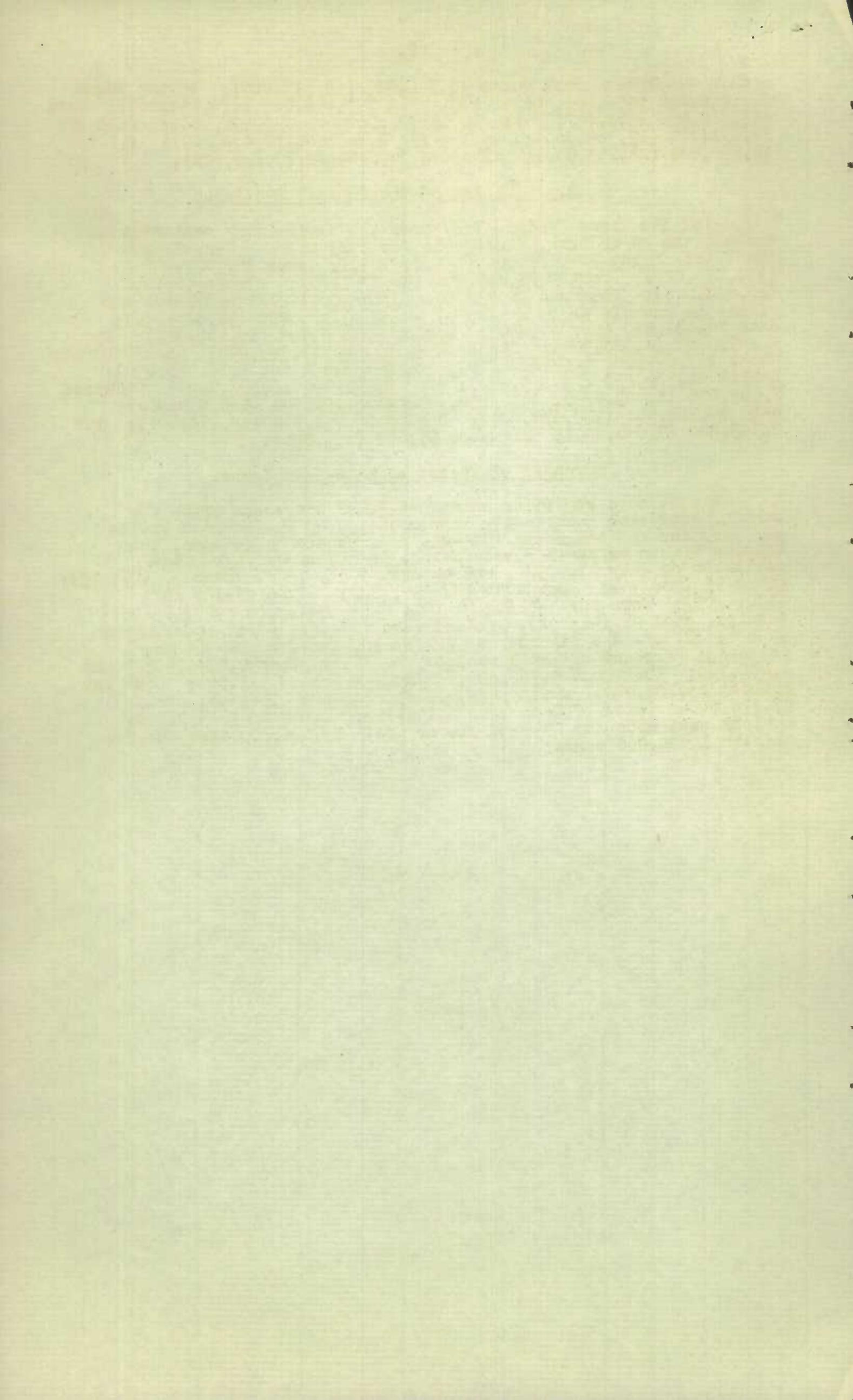
within brackets: Fall wheat 20,544,000 (19,315,000); spring wheat 271,060,000 (454,884,000); eali wheat 291,804,000 (474,199,000); oats 463,360,000 (563,997,500); barley 90,769,000 (76,997,600); fall rye 10,151,000 (17,760,000); spring rye 2,648,000 (5,462,800); all rye 12,799,000 (23,231,800); flaxseed 10,646,000 (7,139,500).

Grain Yields of the Prairie Provinces

For the three Prairie Provinces the preliminary estimates in bushels are as follows, the totals for 1923 being given within brackets: Wheat 267,177,000 (452,260,000); oats 288,083,000 (391,756,000); barley 73,107,000 (55,773,200); rye 10,057,000 (20,842,000); flaxseed 10,737,000 (7,044,800). By provinces the yields in bushels are: Manitoba, wheat 43,286,000 (32,804,000); oats 74,031,000 (58,704,000); barley 30,650,000 (25,726,000); rye 5,167,000 (4,620,000); flaxseed 3,141,000 (1,395,000). Saskatchewan, wheat 157,699,000 (252,622,000); oats 143,331,000 (218,075,000); barley 21,366,000 (19,278,200); rye 2,547,000 (8,582,000); flaxseed 7,509,000 (5,493,800). Alberta, wheat 66,192,000 (166,834,000); oats 70,721,000 (114,977,000); barley 12,891,000 (14,774,000); rye 2,343,000 (7,640,000); flaxseed 57,000 (156,000).

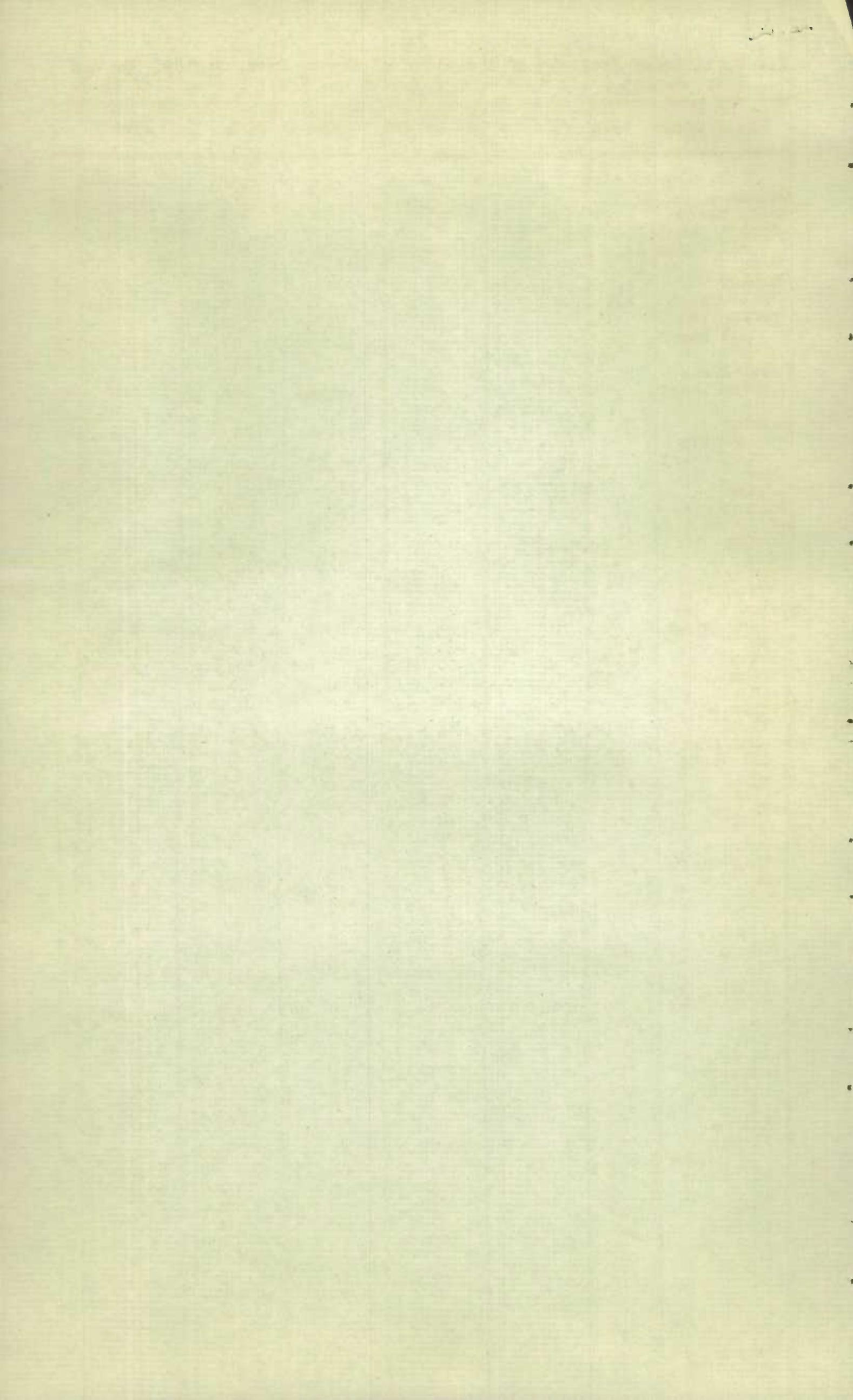
Forecast of Yields of Late-Sown Crops.

The average condition on August 30 of late-sown crops for Canada, expressed numerically in percentage of the average yields per acre for the ten years 1914-23, is reported as follows, the figures within brackets representing, in the order given, the condition on July 31, 1924, and on August 31, 1923: Peas 97 (97; 93); beans 93 (96; 94); buckwheat 102 (99; 92); mixed grains 102 (100; 95); corn for husking 91 (91; 87); potatoes 99 (93; 95); turnips, etc. 93 (96; 92); fodder corn 85 (82; 86); sugar beets 99 (93; 88). The figures for August 30, 1924, represent the following forecast of total yields: Bushels: Peas 2,934,200; beans 1,082,700; buckwheat 9,785,000; mixed grains 29,313,000; corn for husking 13,102,000. Cut: potatoes 49,970,000; turnips, etc. 37,778,000. Tons: fodder corn 5,168,700; sugar beets 332,000. Revised estimates for hay and clover are: 13,574,000 tons and for alfalfa 1,220,000 tons.



I.- Preliminary Estimate of the yield of Wheat, Oats, Barley, Rye and Flax, August 30, 1924, as compared with the Final Estimate of 1923.

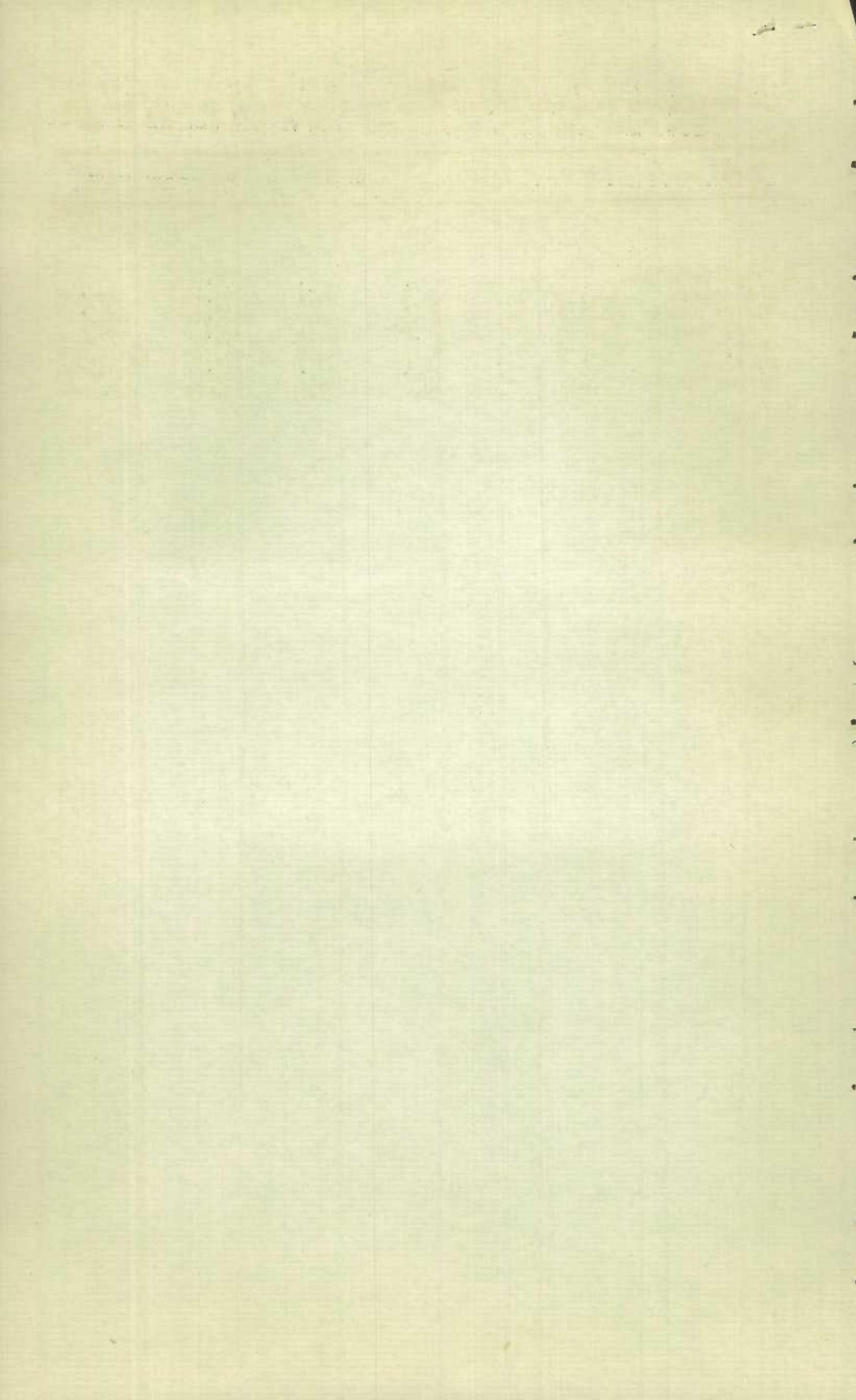
Field Crops	1923	1924	1923	1924	1923	1924
	acres	acres	per acre	per acre	bush.	bush.
Canada -						
Fall wheat	815,706	813,945	23.8	25.2	19,315,000	20,544,000
Spring wheat	21,856,153	21,690,713	20.8	22.5	454,884,000	271,060,000
All wheat	22,671,864	22,504,658	21.0	23.0	474,199,000	291,604,000
Oats	14,307,307	14,420,562	39.2	38.0	563,997,500	463,850,000
Barley	2,784,571	3,407,514	27.8	26.6	76,997,800	90,769,000
Fall rye	1,097,982	610,416	18.3	16.6	17,759,000	10,151,000
Spring rye	350,160	180,236	15.5	14.7	5,462,800	2,648,000
All rye	1,448,142	790,652	16.0	16.2	23,231,800	12,799,000
Flax	629,925	1,275,314	11.3	8.5	7,139,500	10,846,000
P.E.I. Island -						
Spring Wheat	30,756	23,642	15.3	17.5	575,000	501,000
Oats	167,891	169,137	35.0	30.2	5,881,100	5,103,000
Barley	7,464	5,201	27.5	23.3	205,000	121,000
Nova Scotia -						
Spring wheat	12,737	9,236	18.8	18.6	239,000	172,000
Oats	113,015	112,771	34.3	35.4	3,879,000	4,093,000
Barley	7,130	7,122	29.0	28.9	207,100	206,000
Spring rye	146	189	18.8	15.0	2,700	2,800
New Brunswick -						
Spring wheat	14,460	11,616	19.0	14.6	275,000	170,000
Oats	225,695	205,244	31.0	30.1	7,007,400	6,178,000
Barley	5,595	5,069	29.8	22.1	166,500	112,000
Spring rye	100	283	30.0	15.0	3,000	4,200
Quebec -						
Spring wheat	74,478	69,002,260	17.8	17.3	1,194,000	1,228,000
Oats	1,819,920	1,838,000	26.7	29.2	48,845,000	53,670,000
Barley	124,771	124,000	23.3	24.1	2,895,000	2,988,000
Spring rye	13,499	13,000	15.0	23.0	201,100	299,000
Flax	3,000	2,800	8.7	9.4	26,000	26,000
Ontario -						
Fall wheat	717,307	722,366	23.1	26.9	16,599,000	19,432,000
Spring wheat	111,601	101,401	17.4	19.4	1,933,000	1,967,000
All wheat	828,908	823,707	23.4	25.9	18,537,000	21,399,000
Oats	2,967,417	2,891,990	34.9	36.0	103,485,000	104,112,000
Barley	452,490	459,177	29.9	32.0	13,523,000	14,054,000
Fall rye	123,354	126,641	16.3	18.2	2,011,000	2,305,000
Flax	6,766	6,619	10.2	12.5	63,700	82,000
Manitoba -						
Spring wheat	2,915,915	2,459,408	11.3	17.6	32,804,000	43,286,000
Oats	1,834,504	1,953,337	32.0	37.9	58,704,000	72,031,000
Barley	1,156,212	1,372,803	22.3	28.3	25,726,000	38,850,000
Fall rye	284,987	263,417	14.0	17.7	3,990,000	4,662,000
Spring rye	52,541	27,156	12.0	10.6	630,000	505,000
All rye	337,528	290,573	13.8	17.8	4,620,000	5,167,000
Flax	139,519	323,813	10.0	9.7	1,395,000	3,141,000
Saskatchewan -						
Spring wheat	12,791,000	13,033,000	19.8	12.1	252,622,000	157,699,000
Oats	4,898,771	4,942,465	44.5	29.0	218,075,000	143,331,000
Barley	640,402	953,851	30.0	22.4	19,278,200	21,366,000
Fall rye	385,876	105,986	14.5	14.5	5,601,000	1,537,000
Spring rye	183,048	72,198	16.8	14.0	2,981,000	1,010,000
All rye	568,924	178,694	15.0	14.3	8,502,000	2,547,000
Flax	465,653	927,082	11.8	8.1	5,493,000	7,509,000
Alberta -						
Fall wheat	84,260	76,479	28.0	20.0	2,259,000	765,000
Spring wheat	5,874,101	5,947,910	28.0	11.0	164,475,000	65,427,000
All wheat	5,958,361	6,021,389	27.0	16.9	166,824,000	66,192,000
Oats	2,229,446	2,303,624	50.0	30.7	114,977,000	70,721,000
Barley	363,858	423,801	35.5	26.1	14,774,000	12,891,000
Fall rye	303,765	114,372	10.3	14.4	6,167,000	1,647,000
Spring rye	92,993	60,000	15.0	11.6	1,473,000	606,000
All rye	395,758	174,372	14.3	13.4	7,640,000	2,373,000
Flax	15,000	15,000	10.4	5.8	155,000	87,000



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I.- Preliminary Estimate of the yield of Wheat, Oats, Barley, Rye and
Flax, August 30, 1924, as compared with the Final Estimate of
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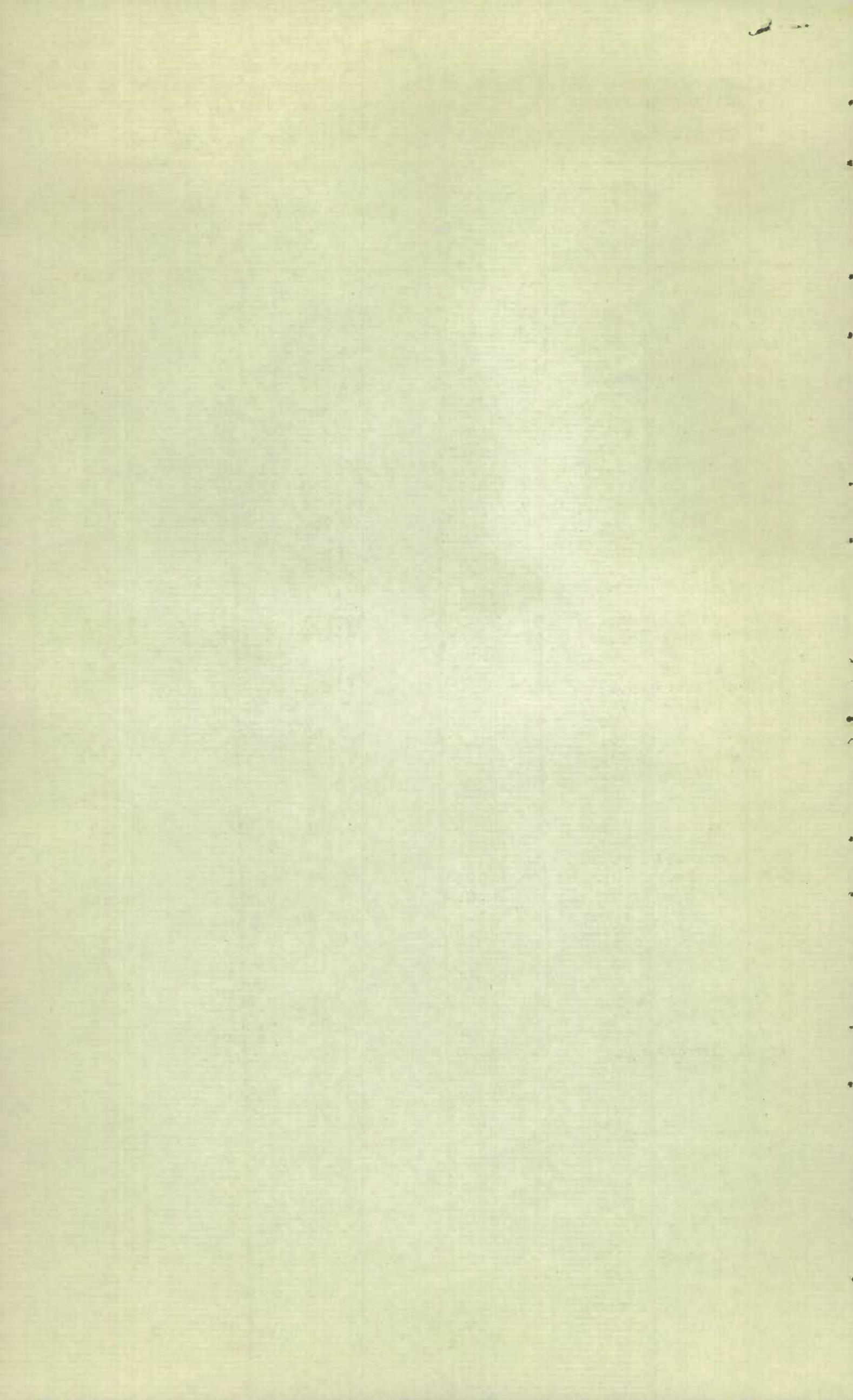
Field Crops	1923	1924	1923	1924	1923	1924
	acres	acres	Bush. per acre	Bush. per acre	Bush.	Bush.
British Columbia-						
Fall wheat	14,139	15,100	25.3	23.0	357,000	347,000
Spring wheat	31,110	30,500	24.5	20.0	762,000	610,000
All Wheat	45,249	45,600	24.8	20.2	1,119,000	957,000
Oats	61,048	61,000	51.5	42.8	3,144,000	2,611,000
Barley	6,648	6,400	33.5	28.3	223,000	181,000
Spring rye	7,833	7,500	22.0	17.5	172,000	131,000



II. Harvest Forecast of Yield of Late Sown Crops, as indicated by Condition on August 30, 1924, and as compared with Final Estimate of 1923.

NOTE.- For condition, 100 = average yield per acre, 1914-23.

Field crops	Average yield per acre 1914-23	Con-	Indi-	Areas sown 1924	Final	Forecast
		dit- ion Aug. 1924	cated yield per acre 1924		Estimate 1924	of Yield 1924
	bush.	p.c.	bush.	acres	000 bush.	000 bush.
Canada -						
Beans	166	97	16.1	181,760	2,898	2,934
Beans	16.0	93	14.9	72,458	1,042	1,093
Buckwheat	21.8	102	20.1	642,263	9,744	9,786
Mixed grains	34.0	102	34.7	845,852	29,751	29,313
Corn, husking	49.0	91	44.4	295,015	13,603	13,102
cwt.			cwt.		cwt.	cwt.
Potatoes	38.7	99	87.4	572,001	55,497	49,970
Turnips, etc.	191.2	98	187.4	201,443	38,117	37,778
tons			tons		tons	tons
Hay & clover ¹	1.43	-	1.40	9,796,551	14,645	13,674
Alfalfa	2.50	102	2.56	476,558	1,020	1,220
Fodder corn	9.18	85	7.76	666,272	5,321	5,169
Sugar beets	9.29	99	9.20	36,080	216	332
P.E. Island -	bush.	bush.			bush.	bush.
Peas	19.4	98	19.0		5	3
Buckwheat	25.8	93	25.3	2,088	82	53
Mixed grains	39.1	96	37.5	22,931	738	860
cwt.			cwt.		cwt.	cwt.
Potatoes	96.0	105	100.8	37,173	2,732	3,747
Turnips, etc.	253.2	100	253.2	9,847	2,157	2,493
tons			tons		tons	tons
Hay & clover ¹	1.43	-	1.17	251,926	321	295
Fodder corn	8.73	101	8.82	648	3	6
Nova Scotia -	bush.	bush.			bush.	bush.
Peas	19.3	96	18.5	517	10	10
Beans	16.7	99	16.5	1,565	34	26
Buckwheat	23.3	92	21.4	7,338	188	157
Mixed grains	31.3	95	29.7	3,548	119	105
cwt.			cwt.		cwt.	cwt.
Potatoes	108.5	97	105.2	29,052	3,311	3,056
Turnips, etc.	219.5	99	217.3	12,643	2,514	2,747
tons			tons		tons	tons
Hay & clover ¹	1.69	-	1.49	510,017	890	760
Fodder corn	8.65	95	8.22	1,015	11	8
N. Brunswick -	bush.	bush.			bush.	bush.
Peas	16.0	96	15.4	1,229	23	19
Beans	16.1	98	15.8	1,246	27	20
Buckwheat	23.2	98	22.7	38,285	1,076	869
Mixed grains	30.1	94	28.3	2,351	71	67
cwt.			cwt.		cwt.	cwt.
Potatoes	109.1	101	110.2	46,231	6,043	5,095
Turnips, etc.	173.8	88	157.3	10,657	2,095	1,676
tons			tons		tons	tons
Hay & clover ¹	1.35	-	1.20	534,752	659	642
Fodder corn	6.98	92	6.42	2,449	39	16
Quebec -	bush.	bush.			bush.	bush.
Peas	15.0	100	15.0	40,000	625	600
Beans	17.5	100	17.5	15,000	294	263
Buckwheat	22.1	103	22.8	154,000	3,385	3,511
Mixed grains	26.4	102	26.9	112,000	3,071	3,013
Corn, husking	28.0	99	27.7	31,400	747	870
cwt.			cwt.		cwt.	cwt.
Potatoes	94.2	103	97.0	159,000	18,761	15,423
Turnips, etc.	190.9	100	190.9	33,600	6,563	6,414
tons			tons		tons	tons
Hay & clover ¹	1.38	-	1.43	4,031,000	5,666	5,764
Alfalfa	2.14	100	2.14	21,500	47	46
Fodder corn	8.05	100	8.05	92,000	782	741
Ontario -	bush.	bush.			bush.	bush.
Peas	17.0	96	16.3	130,972	2,031	2,135
Beans	14.7	96	14.1	52,047	634	734



	bush.	p.c.	bush.	bushes	bush.	bush.
Buckwheat	21.0	103	21.0	245,532	5,012	5,196
Mixed grains	36.4	101	36.8	645,622	23,881	23,759
Corn, husking	52.7	93	46.4	263,615	12,361	12,222
cwt.			cwt.		cwt.	cwt.
Potatoes	69.2	102	70.6	169,145	11,479	11,942
Turnips, etc.	196.4	99	194.4	106,196	21,126	21,033
tons			tons		tons	tons
Hay & clover ¹	1.46	-	1.44	3,575,846	5,529	5,106
Alfalfa	2.56	103	2.64	381,258	783	1,007
Fodder corn	9.58	94	9.01	403,060	3,651	3,632
Sugar beets	9.29	99	9.20	36,060	216	232
Manitoba -	bush.		bush.		bush.	bush.
Peas	14.0	89	14.5	1,000	19	13
Mixed grains	25.1	93	22.1	15,000	317	332
cwt.			cwt.		cwt.	cwt.
Potatoes	79.0	99	78.2	28,000	1,912	2,190
Turnips, etc.	109.1	99	108.0	4,900	570	529
tons			tons		tons	tons
Hay & clover ¹	1.47	-	1.28	261,000	365	334
Alfalfa	2.22	97	2.22	7,000	19	17
Fodder corn	6.00	78	4.68	37,000	226	173
Saskatchewan -	bush.		bush.		bush.	bush.
Peas	20.2	85	17.2	2,100	55	36
Beans	13.5	82	11.1	900	22	10
Mixed grains	30.6	82	25.1	29,000	941	728
cwt.			cwt.		cwt.	cwt.
Potatoes	80.8	89	72.0	46,800	4,370	3,370
Turnips, etc.	141.9	86	122.0	5,200	585	634
tons			tons		tons	tons
Hay & clover ¹	1.41	-	1.14	262,000	425	299
Alfalfa	2.08	88	1.83	6,100	16	11
Fodder corn	5.62	78	4.38	68,500	305	300
Alberta -	bush.		bush.		bush.	bush.
Peas	10.9	98	18.5	3,300	73	61
Beans	16.3	104	17.0	600	6	10
Mixed grains	28.9	96	27.7	11,200	469	310
cwt.			cwt.		cwt.	cwt.
Potatoes	88.7	95	84.3	38,000	4,759	3,203
Turnips, etc.	106.4	95	101.1	9,300	1,055	940
tons			tons		tons	tons
Hay & clover ¹	1.23	-	0.39	250,000	402	223
Alfalfa	2.23	93	2.07	42,000	104	87
Fodder corn	4.94	88	4.35	57,000	251	243
British Columbia -	bush.		bush.		bush.	bush.
Peas	25.7	94	24.2	2,400	58	58
Beans	19.0	93	17.7	1,100	24	20
Mixed grains	36.5	91	33.2	4,200	141	139
cwt.			cwt.		cwt.	cwt.
Potatoes	114.8	91	104.3	18,600	2,100	1,944
Turnips, etc.	203.1	91	184.8	7,100	1,452	1,312
tons			tons		tons	tons
Hay & clover ¹	2.11	-	1.67	150,000	337	251
Alfalfa	3.14	93	2.92	17,800	54	52
Fodder corn	10.66	91	9.69	4,600	53	45

¹ Preliminary estimate.

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