

22-002  
no. 22  
1930  
Sept. 10  
c. 1

Issued by Authority of the Hon. H. H. Stevens,  
Minister of Trade and Commerce

DOMINION BUREAU  
OF STATISTICS  
SEP 11 1930  
PROPERTY OF THE  
LIBRARY

1930 (2,200)

DOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.  
Chief, Agricultural Branch: T. W. Grindley, Ph.D.

FIELD CROPS OF CANADA

Ottawa, September 10, 1930, 4 p.m. - The Dominion Bureau of Statistics issues today, a bulletin reporting for 1930, (1) the preliminary estimate of the yields of the principal grain crops and (2) the condition and forecast of the yields of late sown crops. The report is based upon the returns of a numerous corps of crop correspondents, including practical farmers throughout Canada and Bank managers, railway and elevator agents and the Alberta Provincial Police in the Prairie Provinces. A special return was also received for this report from a large list of selected agriculturists, in addition to those already co-operating as regular crop-correspondents, and from rural postmasters in the Prairie Provinces. In all cases, estimates of yield were based on total acreages sown. The areas used for the preliminary estimate of the principal grain yields are as obtained in June last through the rural schools and post offices for wheat, oats, barley, rye and flaxseed in the Prairie Provinces and for all crops in the three Atlantic Provinces and Ontario. For Quebec and British Columbia, the areas are as estimated from the returns of crop correspondents at the end of June last.

The reports as filled in on about August 31st. forecast a wheat crop of 384,769,000 in all Canada, of which 362,000,000 will be garnered in the three Prairie Provinces. The western crop is very 'spotty' and thus difficult to estimate because of a series of depreciating weather effects from seeding until harvest. Grain was generally seeded on land with insufficient moisture reserves. High winds in June, accompanied by dry and hot weather, caused a serious reduction in crop prospects. Cutworms and hail were more serious than usual. Drought was damaging almost throughout the growing season and limited growth and filling was especially evident in the triangular Prairie area of concentrated wheat production. Manitoba and the mixed farming areas across the park belt, along the foothills, and in the Peace River country fared much better and the good crops are found in these areas. Rust became serious in Manitoba and eastern Saskatchewan late in the growing season and caused large reductions in the yield of late, heavy crops.

The crop has been favoured by relative freedom from frost damage and by almost ideal weather for harvesting. The short straw and the extended use of combines have also aided the dry season to establish a new record for earliness and volume of grain marketed in the month of August. Inspections to date show the quality to be even above that of last year.

GENERAL CONDITIONS AT THE END OF AUGUST

Maritime Provinces.- The season has been very dry and this, coupled with hot weather, has caused the grain and other crops to mature rapidly. Consequently, threshing is two weeks earlier than last year, and in many cases, earlier than average in all three provinces. The grain has been housed in excellent condition and very satisfactory yields have been obtained. The oat crop is particularly good this year. However, much of it will be cut green owing to the fact that pastures have suffered severely from the dry season and because the hay crop was light. Recent rains, however, have somewhat relieved the feed situation, both with respect to turnips and mangolds as well as pastures. There is some fear that the blight will injure late potatoes.

Quebec.- There have been frequent falls of rain during the month of August throughout the province. This has had a generally beneficial effect, except on late crops situated on low-lying fields. The grain crop has a good appearance and harvesting weather is satisfactory. The oat crop is very good, although slightly affected with rust. The growth of corn has been retarded seriously by wet weather. Potatoes are suffering from both blight and rot due to wet weather during their period of growth. The general crop outlook is promising.





Ontario.- The month of August witnessed a continuation of dry weather in practically all parts of the province, except in the east, which was favoured with abundant rainfall. Grain crops in some sections of northern Ontario are poor owing to an excess of moisture.

All grain crops in western Ontario have been damaged by the very dry weather. Eastern Ontario reports the best crops of hay, grain and corn that they have had in years. Threshing is well advanced throughout the province with good weather conditions prevailing. Pastures are very dry, especially in the south and west, with the result that dairy cattle are being fed on grain and ensilage.

Manitoba. Threshing is well advanced with favourable weather conditions prevailing. Yields, (as indicated by the early appearance of the crop) in some cases have been very good, in others disappointing. Rust has been a serious factor in reducing yields and has caused a wide variation in yields as well as quality. Wild oats and sow thistle have also contributed to a reduction in yield. Potatoes have turned out well in many cases. Pastures are very dry and vegetables and roots are much in need of rain. Cattle are in good condition, but markets are very low at present.

Saskatchewan.- Hot weather in August hastened the ripening of crops and cutting was general by the middle of the month and threshing well under way before the end of the month. Yields generally appear to be up to expectations, the principal causes of reduction being drought and rust. The latter, however, is pretty well confined to the eastern portion of the province and the effects of drought are most apparent in the south central and central districts.

Alberta.- Harvesting is well advanced in most parts of the province except where it has been held up by rains. There is still, however, a considerable amount of grain to ripen owing to the fact that re-sowing was necessary in many cases. Part of the crop injured earlier in the season from hail and insect damage has recovered, and barring frost within the next two weeks will ripen satisfactorily. Hail damage has been reported late in August, but of small extent. Potatoes and garden stuff are of good quality. Pastures have benefited by rains during the month.

British Columbia.- The weather has been excellent for harvesting, but too dry for pastures and late crops. All fruits are sizing well but deficient in colour.

#### PRELIMINARY ESTIMATE OF GRAIN YIELDS

For all Canada, the average yields per acre in bushels are as follows, with last year's figures within brackets: Fall wheat 24.9 (24.6); spring wheat 15.1 (11.6); all wheat 15.5 (12.1); oats 33.2 (22.7); barley 24.8 (17.3); fall rye 16.0 (14.7); spring rye 18.1 (10.3); all rye 16.5 (13.3); flaxseed 8.4 (5.4). The total yield in bushels, based on these averages and on the areas sown are as follows, with last year's estimates within brackets: Fall wheat 20,288,000 (20,504,000); spring wheat 364,481,000 (284,016,000); all wheat 384,769,000 (304,520,000); oats 438,675,000 (282,833,300); barley 137,594,000 (102,313,300); fall rye 17,450,000 (9,775,000); spring rye 6,317,000 (3,385,500); all rye 23,767,000 (13,160,500); flaxseed 4,847,000 (2,060,400).

#### GRAIN YIELDS OF THE PRAIRIE PROVINCES

For the three Prairie Provinces, the preliminary estimates of total production in 1930, as compared with the revised figures for 1929 within brackets, are, in bushels, as follows: Wheat 362,000,000 (281,664,000); oats 267,000,000 (141,620,000); barley 112,000,000 (79,737,000); rye 22,490,000 (11,982,000); flaxseed 4,760,000 (1,970,000). By provinces the yields in bushels are: Manitoba, wheat 44,000,000 (28,565,000); oats 52,000,000 (30,740,000); barley 50,000,000 (36,518,000); rye 2,232,000 (1,309,000); flaxseed 1,120,000 (445,000). Saskatchewan, wheat 198,000,000 (160,565,000); oats 134,000,000 (68,944,000); barley 43,000,000 (30,755,000); rye 16,000,000 (8,301,000); flaxseed 3,400,000 (1,462,000). Alberta, wheat 120,000,000 (92,534,000); oats 81,000,000 (41,936,000); barley 19,000,000 (12,514,000); rye 4,258,000 (2,372,000); flaxseed 240,000 (63,000).





CONDITION AND FORECAST OF YIELDS OF LATE SOWN CROPS

The average condition on August 31, 1930 of late sown crops for Canada, expressed numerically in percentage of the ten-year average 1920-29, is reported as follows, the figures within brackets representing in the order given the condition on July 31, 1930 and August 31, 1929; Peas 99 (99, 92); beans 89 (100, 96); buckwheat 91 (96, 95); mixed grains 102 (102, 91); corn for husking 85 (96, 87); potatoes 95 (100, 89); turnips, etc. 93 (98, 91); fodder corn 92 (97, 83); sugar beets 90 (101, 90). The condition of alfalfa is reported as 94, as compared with 97 at the same date last year and that of pasture 92, as compared with 88. The figures of condition on August 31, 1930 represented the following forecast of total yields for all Canada, as compared with the final estimate for 1929 within brackets: Bushels - Peas 2,144,000 (1,979,500); beans 1,370,000 (1,491,300); buckwheat 10,187,000 (10,470,100); mixed grains 42,782,000 (35,753,700); corn for husking 5,854,000 (5,183,000). Cwt. - potatoes 47,754,000 (39,930,000); turnips, etc. 36,327,000 (36,228,000). Tons - Fodder corn 3,605,000 (3,322,300); sugar beets 391,000 (364,000). The revised estimate of the yield of hay and clover is 15,104,000 tons, as compared with last year's final estimate of 15,833,000 tons.

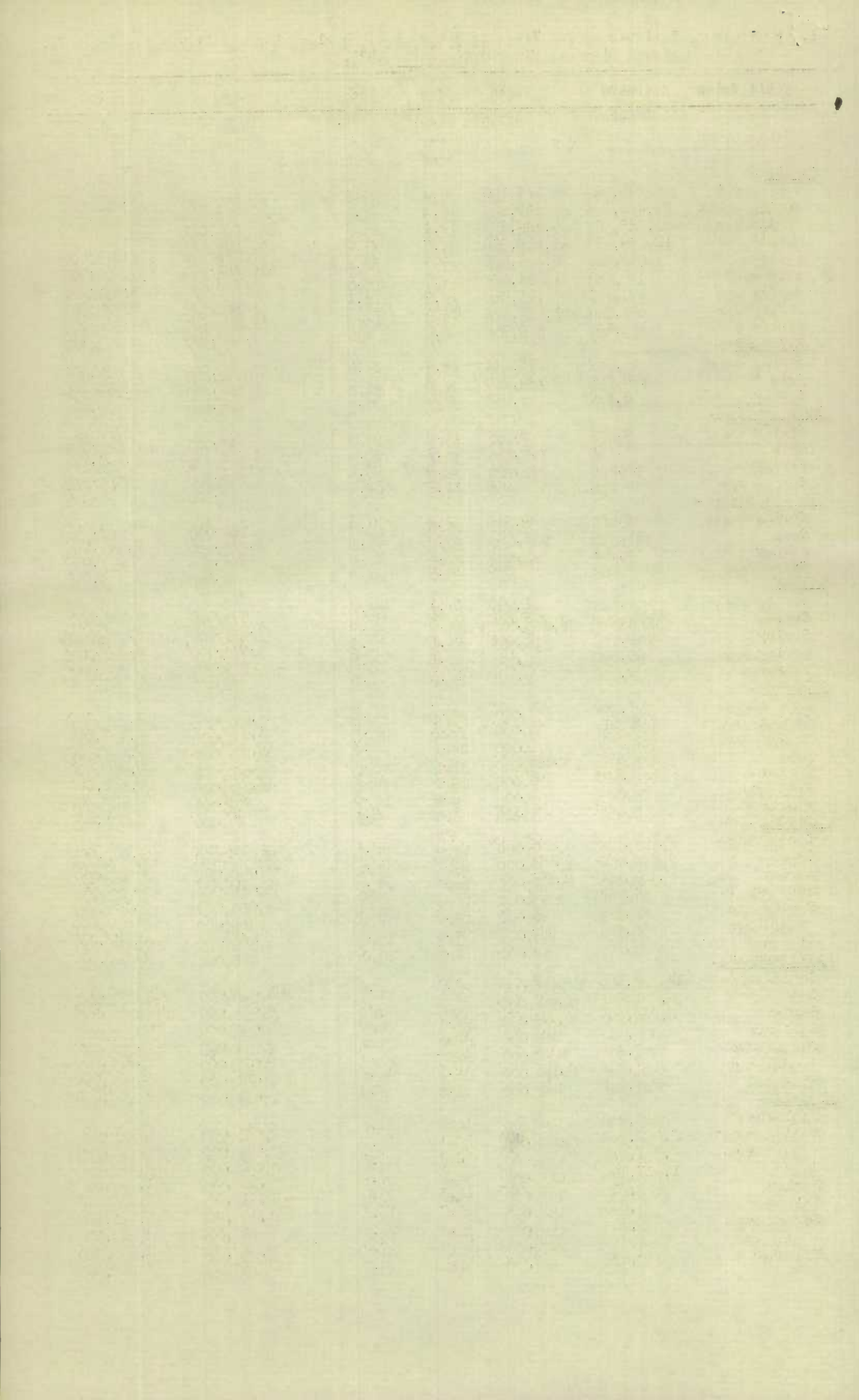


- 4 -

1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed, August 31, 1930 as compared with the Final Estimate of 1929.

| Field Crops            | 1929       | 1930       | 1929                 | 1930                 | 1929        | 1930        |
|------------------------|------------|------------|----------------------|----------------------|-------------|-------------|
|                        | acres      | acres      | bush.<br>per<br>acre | bush.<br>per<br>acre | bush.       | bush.       |
| <u>CANADA -</u>        |            |            |                      |                      |             |             |
| Fall wheat             | 834,284    | 813,300    | 24.6                 | 24.9                 | 20,504,000  | 20,238,000  |
| Spring wheat           | 24,420,718 | 24,081,200 | 11.6                 | 15.1                 | 284,016,000 | 364,481,000 |
| All wheat              | 25,255,002 | 24,894,500 | 12.1                 | 15.5                 | 304,520,000 | 384,769,000 |
| Oats                   | 12,479,477 | 13,222,900 | 22.7                 | 33.2                 | 282,838,300 | 438,675,000 |
| Barley                 | 5,925,542  | 5,557,000  | 17.3                 | 24.8                 | 102,313,300 | 137,594,000 |
| Fall rye               | 684,193    | 1,091,000  | 14.7                 | 16.0                 | 9,775,000   | 17,450,000  |
| Spring rye             | 327,751    | 349,550    | 10.3                 | 18.1                 | 3,385,500   | 6,317,000   |
| All rye                | 991,944    | 1,440,550  | 13.3                 | 16.5                 | 13,160,500  | 23,767,000  |
| Flaxseed               | 382,359    | 579,700    | 5.4                  | 8.4                  | 2,060,400   | 4,847,000   |
| <u>P.E.I. ISLAND -</u> |            |            |                      |                      |             |             |
| Spring wheat           | 27,057     | 26,500     | 16.7                 | 17.3                 | 452,000     | 458,000     |
| Oats                   | 170,105    | 174,700    | 32.5                 | 31.1                 | 5,524,000   | 5,433,000   |
| Barley                 | 5,870      | 5,400      | 24.7                 | 25.5                 | 145,000     | 138,000     |
| <u>NOVA SCOTIA -</u>   |            |            |                      |                      |             |             |
| Spring wheat           | 6,056      | 5,800      | 15.7                 | 19.2                 | 95,000      | 111,000     |
| Oats                   | 109,836    | 115,200    | 32.1                 | 35.7                 | 3,523,300   | 4,113,000   |
| Barley                 | 10,868     | 10,800     | 26.9                 | 29.0                 | 292,500     | 313,000     |
| Spring rye             | 172        | 200        | 15.0                 | 17.6                 | 3,000       | 4,000       |
| <u>NEW BRUNSWICK -</u> |            |            |                      |                      |             |             |
| Spring wheat           | 8,916      | 9,900      | 18.8                 | 21.6                 | 168,000     | 214,000     |
| Oats                   | 216,530    | 223,000    | 30.4                 | 33.2                 | 6,588,000   | 7,404,000   |
| Barley                 | 9,448      | 10,800     | 27.4                 | 26.6                 | 258,800     | 287,000     |
| Spring rye             | 565        | 350        | 15.0                 | 17.6                 | 8,000       | 6,000       |
| <u>QUEBEC -</u>        |            |            |                      |                      |             |             |
| Spring wheat           | 58,200     | 58,000     | 17.1                 | 18.7                 | 995,000     | 1,085,000   |
| Oats                   | 1,826,042  | 1,863,000  | 26.0                 | 27.6                 | 47,475,000  | 51,419,000  |
| Barley                 | 154,016    | 156,000    | 22.8                 | 23.9                 | 3,512,000   | 3,728,000   |
| Spring rye             | 10,954     | 11,000     | 15.8                 | 17.6                 | 173,500     | 194,000     |
| Flaxseed               | 2,996      | 3,000      | 12.1                 | 9.8                  | 36,400      | 29,000      |
| <u>ONTARIO -</u>       |            |            |                      |                      |             |             |
| Fall wheat             | 691,562    | 677,000    | 25.8                 | 25.7                 | 17,821,000  | 17,399,000  |
| Spring wheat           | 106,610    | 99,000     | 18.1                 | 22.7                 | 1,930,000   | 2,247,000   |
| All wheat              | 798,272    | 776,000    | 24.7                 | 25.3                 | 19,751,000  | 19,646,000  |
| Oats                   | 2,335,310  | 2,469,000  | 31.5                 | 40.1                 | 73,640,000  | 99,000,000  |
| Barley                 | 522,063    | 610,000    | 29.0                 | 34.2                 | 18,032,000  | 20,862,000  |
| Fall rye               | 52,023     | 53,000     | 16.8                 | 18.3                 | 873,000     | 970,000     |
| Flaxseed               | 5,492      | 5,200      | 8.5                  | 9.8                  | 47,000      | 51,000      |
| <u>MANITOBA -</u>      |            |            |                      |                      |             |             |
| Spring wheat           | 2,300,615  | 2,470,000  | 12.4                 | 17.8                 | 28,565,000  | 44,000,000  |
| Oats                   | 1,558,404  | 1,590,000  | 19.7                 | 32.7                 | 30,740,000  | 52,000,000  |
| Barley                 | 2,181,895  | 1,991,000  | 16.7                 | 25.1                 | 36,518,000  | 50,000,000  |
| Fall rye               | 60,171     | 83,000     | 16.0                 | 20.3                 | 1,000,000   | 1,689,000   |
| Spring rye             | 24,869     | 30,000     | 12.4                 | 18.1                 | 309,000     | 543,000     |
| All rye                | 85,040     | 113,000    | 15.4                 | 19.8                 | 1,309,000   | 2,232,000   |
| Flaxseed               | 62,474     | 112,000    | 7.1                  | 10.0                 | 445,000     | 1,120,000   |
| <u>SASKATCHEWAN -</u>  |            |            |                      |                      |             |             |
| Spring wheat           | 14,445,286 | 14,326,000 | 11.1                 | 13.8                 | 160,565,000 | 198,000,000 |
| Oats                   | 4,255,789  | 4,531,000  | 16.2                 | 29.6                 | 68,944,000  | 134,000,000 |
| Barley                 | 2,228,604  | 2,016,000  | 13.8                 | 21.3                 | 30,755,000  | 43,000,000  |
| Fall rye               | 452,194    | 818,000    | 14.0                 | 15.6                 | 6,331,000   | 12,800,000  |
| Spring rye             | 189,444    | 192,000    | 10.4                 | 16.7                 | 1,970,000   | 3,200,000   |
| All rye                | 641,638    | 1,010,000  | 12.9                 | 15.8                 | 8,301,000   | 16,000,000  |
| Flaxseed               | 298,302    | 431,000    | 4.9                  | 7.9                  | 1,462,000   | 3,400,000   |
| <u>ALBERTA -</u>       |            |            |                      |                      |             |             |
| Fall wheat             | 128,253    | 124,000    | 18.3                 | 21.0                 | 2,353,000   | 2,600,000   |
| Spring wheat           | 7,422,962  | 7,040,000  | 12.1                 | 16.7                 | 90,181,000  | 117,400,000 |
| All wheat              | 7,551,215  | 7,164,000  | 12.3                 | 16.8                 | 92,534,000  | 120,000,000 |
| Oats                   | 1,917,744  | 2,165,000  | 21.9                 | 37.4                 | 41,956,000  | 81,000,000  |
| Barley                 | 703,704    | 748,000    | 17.8                 | 25.4                 | 12,514,000  | 19,000,000  |
| Fall rye               | 99,805     | 137,000    | 15.7                 | 14.5                 | 1,571,000   | 1,991,000   |
| Spring rye             | 95,734     | 110,000    | 8.1                  | 20.6                 | 801,000     | 2,267,000   |
| All rye                | 195,539    | 247,000    | 12.0                 | 17.2                 | 2,372,000   | 4,258,000   |
| Flaxseed               | 12,639     | 28,000     | 5.0                  | 8.6                  | 63,000      | 240,000     |







I. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed, August 31, 1930, as compared with the Final Estimate of 1929. (Con.)

| Field Crops        | 1929<br>acres | 1930<br>acres | 1929<br>bush.<br>per<br>acre | 1930<br>bush.<br>per<br>acre | 1929<br>bush. | 1930<br>bush. |
|--------------------|---------------|---------------|------------------------------|------------------------------|---------------|---------------|
| BRITISH COLUMBIA - |               |               |                              |                              |               |               |
| Fall wheat         | 14,369        | 12,300        | 23.0                         | 23.5                         | 330,000       | 289,000       |
| Spring wheat       | 44,950        | 46,000        | 23.7                         | 21.0                         | 1,065,000     | 966,000       |
| All wheat          | 59,319        | 58,300        | 23.5                         | 21.5                         | 1,395,000     | 1,255,000     |
| Oats               | 89,717        | 92,000        | 49.8                         | 46.8                         | 4,468,000     | 4,306,000     |
| Barley             | 9,074         | 9,000         | 31.5                         | 29.6                         | 286,000       | 266,000       |
| Spring rye         | 6,013         | 6,000         | 20.2                         | 17.1                         | 121,000       | 103,000       |
| Flaxseed           | 456           | 500           | 15.0                         | 14.0                         | 7,000         | 7,000         |

II.- Areas and Yields of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1930.

| Province     |       | WHEAT       | OATS        | BARLEY      | RYE        | FLAXSEED  |
|--------------|-------|-------------|-------------|-------------|------------|-----------|
| Manitoba     | acres | 2,470,000   | 1,590,000   | 1,991,000   | 113,000    | 112,000   |
|              | bush. | 44,000,000  | 52,000,000  | 50,000,000  | 2,232,000  | 1,120,000 |
| Saskatchewan | acres | 14,326,000  | 4,531,000   | 2,016,000   | 1,010,000  | 431,000   |
|              | bush. | 198,000,000 | 134,000,000 | 43,000,000  | 16,000,000 | 3,400,000 |
| Alberta      | acres | 7,164,000   | 2,165,000   | 748,000     | 247,000    | 28,000    |
|              | bush. | 120,000,000 | 81,000,000  | 19,000,000  | 4,258,000  | 240,000   |
| Total        | acres | 23,960,000  | 3,286,000   | 4,755,000   | 1,370,000  | 571,000   |
|              | bush. | 362,000,000 | 267,000,000 | 112,000,000 | 22,490,000 | 4,760,000 |

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010525362