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REVISED ESTIMATES OF PRODUCTION, VALUE AND STOCKS OF PRINCIPAL FIEID CROPS 1958 AND 1959; PRELIMINARY ESTIMATE OF VALUE, 1959

- also special to this report -

PROGRESS OF HARVESTING AT DECEMBER 31, 1959, PRAIRIE PROVINCES

Revised data indicate that the gross farm value of production of Canada's principal field crops in 1958 was $\$ 1.5$ billion, the same as the 1957 value but well below the record $\$ 2.33$ billion of 1952 . The pre-war ( $1935-39$ ) average value of field crop production in Canada was $\$ 0.58$ billion, while the $1952-56$ average amounted to some $\$ 1.8$ billion.

Crops contributing the largest amount to the 1958 total were wheat, $\$ 461.0$ million; tame hay, $\$ 282.6$ million; oats, $\$ 233.2$ million; and barley, $\$ 177.9$ million. The gross value of the 1958 wheat, oats and barley crop and the all-Canada total will be further increased by whatever payments may be made on that part of tho wheat, oats and barley crop marketed through the Canadian wheat Board. On a provincial basis in 1958, Saskatchewan with $\$ 391.3$ million recorded the highest value of field crop production, followed by Alberta, with $\$ 320.6$ million and Ontario with $\$ 320.5$ million. The gross value of field crop production in other provinces in 1958 was estimated, in millions of dollars, as follows: Manitoba, 175.6; Quebec, 164.5; British Columbia, 26.0; New Brunswick, 24.1; Prince Edward Island, 22.4; and Nova Scotia, 16.0

Preliminary estimates of the value of Canadais 1959 field crops, at $\$ 1.5$ billion, calculated from average prices received by farmers during the August 1959January 1960 period and based on initial Canadian Wheat Board parments only for western wheat, oats and barley, is virtually the same as the 1958 total. It is emphasized that a direct comparison between the 1959 preliminary total and the 1958 revised total is unrealistic. Some further payments may be made by the Canadian Wheat Board on the 1958 crop. The 1959 values reflect initial payments only for wheat, oats and barley on that part of the crop marketed through the Canadian Wheat Board as well as reflecting six-month average prices for all of Canada.

Note: Data for Newfoundland not available.

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In interpreting this report, it should be observed that the value estimates do not represent cash income received from sales but are gross values of farm production. Several crops, such as mixed grains and fodder corn, are utilized almost wholly on farms where grown, average unit farm prices being determined from the relatively small quantities sold commercially and then applied to the entire production of each crop to give its estimated value. Although such crops do not add greatly to farm cash income, they increase materially the gross value of farm production of field crops. It should be noted also that when a substantial amount of a crop is carried over on farms from one year to the next, average farm prices received during any particular year may not reflect exactly the value of the crop produced during the corresponding period.

Where monthly marketing data are available, the monthly average farm prices have been weighted by marketings to give weighted average unit values for the period. The average values assigned to most crops have been determined initially fram reports of the Bureau's farm price correspondents but have been accepted only after consultation with officials responsible for agricultural statistics in each of the provinces and after due consideration had been given to factors such as quality and grade. For some crops, price data have been supplied by processing companies and marketing agencies.

The interim payment on the 1958 westem wheat crop and the total payments on sugar beets in the four beet-producing provinces have been included in the 1958 estimates. Details of final payments on the 1958 western wheat, oats and barley crops have not yet been announced. Final prices for the 1957 wheat, oats and barley crops for Western Canada are shown in Table 1, Footnote 1.

Except where noted in the tables, values per unit assigned to each crop in 1959 represent prices received by farmers from August l, the beginning of the current crop year, up to mid-January only: No attermt has been made to forecast prices for the remainder of the crop year. For the 1959 crops of wheat, oats and barley in Western Canada the current estimates are based on initial payments only. The effect of additional payments on these crops as well as other adjustments through changes in price and/or production for all crops will be taken into account in later revisions when the extent of these become know.

For most crops, production estimates in this report are those published in the Dominion Bureau of Statistics ${ }^{8}$ November Estimate of Production. Details of the estimates for which revisions have been made since the publication of the November report may be found in Table 40 Revised figures on visible (commercial) carryover stocks of the five major grains at the end of the $1958-59$ crop year have been recently released by the Board of Grain Commissioners making revisions necessary in total stocks figures. These latest data on carryover stocks and also revised farm carryover stocks of wheat may be found in Table 5.

Table 1: Preliminary Estimate of the Gross Value of Field Crops in Canada, by Provinces, 1959, Compared with Revised Estimates for 1958


Note: See page 6 for footnotes.


| Province | Production | Average Farm Price | Totsl Farm | Value |
| :---: | :---: | :---: | :---: | :---: |
| and Crop | 1958 - 1959 | 1958195921 | 1958 | 195921 |
| MANITOBA | - bushels - | - \$ per bushel - | - \$ 000 |  |
| Wheat | 58,000,000 60,000,000 | $1.27 \mathrm{I} / 1.16 \mathrm{3} /$ | 73,660 I/ | 69,600 3/ |
| Oats for grain | 60,000,000 61,000,000 | 0.48 1/ 0.48 3/ | 28,800 I/ | 29,280 3/ |
| Barley | 44,000,000 35,000,000 | 0.77 1/ 0.76 3/ | 33,880 I/ | 26,600 3/ |
| Rye | 1,200,000 1,660,000 | $0.85 \quad 0.91$ | 1,020 |  |
| Flaxseed | 4,700,000 5,700,000 | $2.62 \quad 3.12$ | 12,314 | 17,784 |
| Mixed grains | 3,400,000 4,400,000 | 0.66 0.68 | 2,244 | 2,992 |
| Corn for grain | 282,000 267,000 | 1.160 .95 | 327 | 254 |
| Buckwheat | 480,000 250,000 | $0.90 \quad 1.15$ | 432 | 288 |
| Peas, dry | 700,000 480,000 | $2.00 \quad 2.50$ | 1,400 | 1,200 |
| Soybeans | 70,000 - 45,000 | 2.041 .80 | 143 | 81 |
| Potatoes | 1,200,000 cwt. - $1,150,000$ | $\begin{aligned} & -\$ \text { per cwt. } \\ & 1.85 \\ & 2.00 \end{aligned}$ | 2,220 | 2,300 |
| Mustard seed | 292,000 pounds - 144,000 | - \$per pound - | 15 | 7 |
| Rapeseed | 12,600,000 12,000,000 | $0.029 \quad 0.04$ | 365 | 480 |
| Sunflower seed | 19,350,000 20,000,000 | $0.052 \quad 0.035$ | 1,006 | 700 |
|  | - - tons - 10000 | - \$ per ton - |  |  |
| Tame hay | 1,000,000 1,400,000 | $13.75 \quad 15.00$ | 13,750 | 21,000 |
| Fodder corn | 110,000 146,000 | $7.50 \quad 7.00$ | 825 | 1,022 |
| Sugar beets | $196.000 \quad 191.900$ | 16.48 ( 7.504 | 3.230 | 1.4394 |
| Totals |  |  | 175,631 | 176.538 |
| SASKATCHEWAN | - bushels - | - \$ per bushel - |  |  |
| Wheat | 192,000,000 232,000,000 | $1.231 .103 /$ | 236,160 1/ | 255,200 3/ |
| Oats for grain | 83,000,000 94,000,000 | $0.461 / 0.463 /$ | 38,180 1 | 43,240 3/ |
| Barley | 87,000,000 74,000,000 | 0.71 1/ 0.71 3/ | 61,770 1 | 52,540 3/ |
| Rye | 2,500,000 3,000,000 | $0.84 \quad 0.88$ | 2,100 | 2,640 |
| Flaxseed | 11,300,000 8,700,000 | $2.62 \quad 3.17$ | 29,606 | 27,579 |
| Mixed grains | 1,800,000 1,900,000 | 0.68 0.64 | 1,224 | 1,216 |
| Peas, dry | 41,000 30,000 | 2.20 2.00- | 1,90 | 1,60 |
| Potatoes | $7770,000^{\text {cwt. - }}$ 1,044,000 | -\$ per cwt. ${ }_{2} \mathbf{2} 51$ | 1,933 | 2,819 |
| Rapeseed | 330,000,000 pounds 145,000,000 | - \$per pound - | 8,250 | 5,800 |
| Tame hay | $770,000{ }^{-}$tons - 970,000 |  | 11,935 |  |
| Fodder corm | $4.000 \quad 2.000$ | $14.50 \quad 15.00$ | $\begin{array}{r}11,935 \\ \hline 88 \\ \hline\end{array}$ | 15,278 105 |
| Totals |  | 3.20 - | 391.306 | 06.477 |
| Wheat ALBERTA | bushels - | - \$ per bushel - |  |  |
| Wheat Oats for grain | 96,000,000 107,000,000 | 1.22 l / 1.03 3 | 117,120 1/ | 110,210 3/ |
| Oats for grain Barley | 97,000,000 108,000,000 | 0.47 I/ 0.47 3/ | 45,590 1/ | 50,760 3/ |
| Barley Rye | $\begin{array}{rr}107,000,000 & 110,000,000 \\ 1,700,000 & 1,700,000\end{array}$ | 0.71 I/ 0.71 3/ | 75,970 1/ | 78,100 3/ |
| Flaxseed | $\begin{array}{ll}1,700,000 & 1,700,000 \\ 6,500,000 & 6,600,000\end{array}$ | $\begin{array}{ll}0.82 & 0.85 \\ 2.63 & 3.20\end{array}$ | 1,394 | 1,445 |
| Mixed grains | $\begin{array}{ll}\text { 7,400,000 } & \text { 6,600,00 }\end{array}$ | $\begin{array}{ll}2.63 & 3.20 \\ 0.67 & 0.67\end{array}$ | 17,095 | 21,120 |
| Peas, dry | $93,000 \text { - cwt. - } 116,000$ | 3.00 per ${ }^{2.20}{ }^{30}$ | 4,958 279 | $\begin{array}{r} 6,365 \\ 267 \end{array}$ |
| Potatoes | $\begin{gathered} 1,580,000 \\ \text { _ pounds } 1,520,000 \end{gathered}$ | $2.15 \quad 2.25$ | 3,397 | 3,420 |
| Mustard seed | 70,000,000 49,000,000 | $0.035 \quad 0.038$ |  |  |
| Rapeseed | 45,500,000 23,000,000 | 0.025 0.04 | $1,138$ | $1,802$ |
| Sunflower seed | $2,775,000 \text { tons } 17,000,000$ | 0.05 0.03 | 1,139 | 510 |
| Tame hay | 2,500,000 2,800,000 |  |  |  |
| Sugar beets | ,601.201 2, 474.768 | $\begin{array}{cc} 16.75 & 16.50 \\ 15.31 & 9.00 \end{array}$ | $\begin{aligned} & 41,875 \\ & 9,204 \end{aligned}$ | $46,200$ |
| Totals |  |  | 320.609 | $\frac{425.452}{}$ |



1) Includes interim payment for wheat and initial payment for oats and barley only. Final payment on Western Canadian wheat, oats and barley to be taken into account when details are available. Average farm prices for 1957 wheat, oats and barley, including final payments, were, respectively: Manitoba, $\$ 1.32, \$ 0.52, \$ 0.81$; Saskatchewan, $\$ 1.29, \$ 0.50$, $\$ 0.76$; Alberta, $\$ 1.23, \$ 0.50, \$ 0.74$; British Columbia, $\$ 1.22, \$ 0.53, \$ 0.75$. $2 /$ Preliminary; based on average prices received by farmers during the August $1959-J$ Jnuary 1960 period. 3 ' Based on initial payments only for Western Canadian wheat, oats and barley. I/ Based on initial payments only. $5 /$ Includes interim payment for wheat and initial payment for oats and barley only on that part of the crop marketed through the Canadian Wheat Board. Final payment to be taken into account when details are available. 6/ Includes effect of initial payments only for that part of the crop marketed through the Canadian Wheat Board.

Table 2: Estimated Total Area and Value of Canada's Principal Field Crops 1959 Compared with 1957 and 1958

| Province | Area 1/ |  |  | Value 1/ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1957 | 1958 | 1959 | 1957 | $19582 /$ | 195931 |
|  |  | 00 acr |  |  | \$000 - |  |
| Prince Edward Island Nova Scotia | $421$ | $415$ | $\begin{aligned} & 408 \\ & 372 \end{aligned}$ | $\begin{aligned} & 22,972 \\ & 17,561 \end{aligned}$ | $\begin{aligned} & 22,415 \\ & 15,992 \end{aligned}$ | $\begin{aligned} & 23,597 \\ & 15,443 \end{aligned}$ |
| New Brunswick | 579 | 565 | 562 | 29,112 | 24,056 | 27,709 |
| Quebec | 5,217 | 5,210 | 5,202 | 176,088 | 164,471 | 164,433 |
| Ontario | 7,820 | 7,763 | 7,753 | 295,714 | 320,538 | 297,124 |
| Manitoba | 7,655 | 7,393 | 7,501 | 154,621 | 175,631 | 176,538 |
| Saskatchewan | 23,988 | 23,347 | 23,781 | 442,715 | 391,306 | 406,477 |
| ```Alberta British Columbia``` | $\begin{array}{r} 14,398 \\ \quad 593 \\ \hline \end{array}$ | $\begin{array}{r} 14,457 \\ 588 \end{array}$ | $\begin{array}{r} 14,832 \\ 601 \\ \hline \end{array}$ | 302,148 32,272 | 320,609 25.965 | 325,452 30,086 |
| Canada | 61,042 | 60,118 | 61,012 | 473,203 | ,460,983 | ,466,859 |

1/ See Table 1 for crops included in these estimates. 2/ Subject to upward revision when extent of final payment on Western Canadian wheat delivered to the 1958-59 pool becomes known. 3/ Preliminary; based on prices received by farmers during Auqust-January period only. No allowance made for interim and final payments on Westem Canadian wheat, oats and barley.

Table 3: Revised Estimate of Production of Principal Field Crops in Canada 1959 Compared with Latest Estimates for 1958


Table 4: Details of Revisions by Provinces, in Area, Yield and Production of Principal Field Crops, 1959 Compared with 1958

| Province and Crop | Area |  | $\begin{aligned} & \text { Yield per Acre } \\ & \hline 1958 \\ & \hline \end{aligned}$ |  | Production |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quebec | - acres - |  | - tons - |  | - tons |  |
| Sugar beets | 5,949 | 4,503 1/ | 10.92 | 15.01 1/ | 64,956 | 67,580 1/ |
| Sugar beets | 31,588 | 33,306 1/ | 14.64 | 15.17 ] | 462,602 | 505,270 1/ |
| Manitoba |  |  |  |  |  |  |
| Sugar beets | 22,000 | 17,500 1/ | 8.91 | 10.97 I/ | 196,000 | 191,900 1/ |
| Alberta |  |  |  |  |  |  |
| Sugar beets | 38,308 | 35,144 1/ | 15.69 | 13.51 1/ | 601,201 | 474,7681/ |

1/ Revised since release of Crop Report No. 23 on November 18, 1959, other estimates
remain unchanged.

Table 5: Revised Estimates, Stocks of Canadian Grain at July 31, 1959

| Position | Wheat | Oats | Barley | Rye | Flax- |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| seed |  |  |  |  |  |

1/ Estimated by Dominion Bureau of Statistics. 2/Same as originally published. 3/Final figures compiled by the Statistics Branch, Board of Grain Comnissioners. \&/ As compiled by the Dominion Bureau of Statistics.
Note: Revised estimates of wheat stocks for 1958, with revised 1957 figures in brackets, in thousand bushels, are as follows: On farms - Manitoba, 9,000 (12,000); Saskatchewan, 144,000 (229,000); Alberta, 56,000(78,000).

## PRDGRESS OF HARVESTILG AT DECRMBIR 31, 1959, PRAIRIE PROVINCES

As of December 31, 56.0 million bushels of wheat representing 14 per cent of the tota] crop remained to be threshed in the Prairie Provinces. The amounts of the other major field crops remaining to be threshed in the Prairie Provinces in millions of bushels, with the per cent of total production in brackets, was as follows: oats for grain, 26.5 (10); barley, 25.9 (12); rye, 0.3 (5); flaxseed, 2.6 (13).

In a special survey conducted at December 31, 1959, the Dominion Bureau of Statistics' farmer correspondents in the Prairie Provinces were asked, among other items, to report on bushels harvested and on the bushels of the various grains remaining in the fields which they expected to harvest in the spring. This is the same concept as was used for the November estimate of production and for the summerfallow-stubble survey. Comparing the three surveys, the differences in the total production estimates were not considered significant. Rather than make minor adjustments to the November estimate, the estimate of grain threshed in the folloring table is derived by subtracting the grain remaining for harvest from the previously published November estimate.


Prairie Provinces
Threshed
To be threshed
Total production

| 343,000 | 86 | 236,500 |
| ---: | ---: | ---: |
| 56,000 | 14 | 26,500 |
| 399,000 | 100 | 263,000 |

- thousand bushels -


## Total production

$$
399,000 \quad 100
$$

263,000
90
10
100

| 193,100 | 88 |
| ---: | ---: |
| 25,900 | 12 |
| 219,000 | 100 |

6,050
310
6,360

| 95 | 18,370 |
| ---: | ---: |
| 5 | 2,630 |
| 100 | 21,000 |

## Manitoba

Threshed
To be threshed
Total productio

| 55,800 | 93 | 56,700 |
| ---: | ---: | ---: |
| 4,200 | 7 | 4,300 |
| 60,000 | 100 | 61,000 |


| 93 | 31,900 |
| ---: | ---: |
| 7 | 3,100 |
| 100 | 35,000 |

10

1,660
$100 \quad 3,900$
Total production
60,000
61,000
100
35,000
100
1,660
100
1,800
5,700
32
100
Saskatchewan
Threshed
To be threshed
Total production

| $199 ; 300$ | 86 | 84,900 |
| ---: | ---: | ---: |
| 32,700 | 14 | 9,100 |
| 232,000 | 100 | 94,000 |

$90 \quad 64,000$

8

$$
232,000
$$

94,000
100
10,000
74,000
14
100
2,840
160
3,000
8,02

Alberta

| Threshed | 87,900 | 82 | 94,900 | 88 | $97 ; 200$ | 88 | 1,550 | 91 | 6,450 | 98 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| To be threshed | 19,100 | 18 | 13,100 | 12 | 12,800 | 12 | 150 | 9 | 150 | 2 |
| Total production | 107,000 | 100 | 108,000 | 100 | 110,000 | 100 | 1,700 | 100 | 6,600 | 100 |

[^0]


[^0]:    1/ Less than one per cent.

