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## REVISED ESTINATES OF PRDDUCTION, VALUE AND STOCKS OF PRINCIPAL FIELD CROPS, 1953 AND 1954

Revised data on average prices received by farmers indicate that the gross value of production of Canada's principal field crops in 1953 amounted to almost $\$ 1.8$ billion. Although this total is below the record-breaking levels of $\$ 2.3$ billion in 1952 and $\$ 2.1$ billion in 1951, it compares favourably with total values prior to those two years.

Crops contributing the largest amounts to the 1953 total were wheat, $\$ 783$ million; tame hay, $\$ 269$ million; oats, $\$ 254$ million; and barley, $\$ 225$ million. The gross value of both the 1953 wheat crop and of the all-Canada total will be further increased by final payments to be made on that part of the whe at crop marketed through the Canadian Wheat Board. On a provincial basis, the value of Saskatchewan's field crop production in 1953 was estimated at $\$ 642.9$ million, representing 36 per cent of the all-Canada total. The gross value of fleld crop production in other provinces in 1953 was estimated in millions of dollars, as follows: Alberta, 41C.8; Ontario, 308.6; Manitoba, 174.9; Quebec, 147.1; British Columbia, 30.7; New Brunswick, 22.5; Nova Scotia, 17.0; and Prince Edward Island, 16.7.

Preliminary estimetes of value of Canada's 1954 field crops, at $\$ 3,138$ million, based on average prices received by farmers during the August, 1954 -January, 1955 period and including initial payments only on Western wheat, oats and barley, indicate that the 1954 total will be well below that of 1953. However, additional payments on the 1954 western wheat, oats and barley crops will increase the value oyer the current estimate. Some indication of the possible extent of the difference in value of the two crops is given by the fact that the 1953 preliminary total, covering a comparable period and based on the sane initial payments per bushel for Western Canadian wheat, oats and barley, amounted to $\$ 1,665$ million as against the 1954 preliminary total of $\$ 1,138$ million. It is emphasized that a direct comparison between the 1954 prelimina ry total of $\$ 1,138$ million and the 1953 revised total of $\$ 1,771$ million is unrealistic since only initial payments for western wheat, oats and barley have been taken into consideration in arriving at the 1954 preliminary total whereas, with the exception of wheat, total payments on these grains are included in the 1953 revi.sed total.

The indicated lower gross value of 1954 field crop production is largely attributable to the unusually adverse weather conditions existing over much of Canada in the seeding, growing, and harvesting seasons in 1954 and to the rust epidemic in Western Canada. Production, particularly of major grains, was sharply reduced from 1953 levels and quality of much of the crop suffered serious deterioration. Reduction in quality has been reflected in lower average per bushel values of wheat, oats, and barley, all of which are down from the preliminary estimates of the 1953 crop, despite the fact that initial

[^0]payments were the same in both years. Unit values are lower than the revised 1953 prices shown for mixed grains, soybeans, sunflower seed, rapeseed, mustand seed and sugar beets but are the same or higher for the remaining 20 of tha 29 crops for which estimates are currently available.

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 com, are utilized almost wholly on farms where grown, average unit 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.

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 from 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 has been given to factors such as quality and grade. For some crops, price data have been supplied by processing companies and marketing agencies.

The values of 1953 field crops have been revised, wherever possible, on the basis of weighted average prices for the crop year 1953-54 (August 1, 1953-July 31, 1954). Final payments on the 1953 western oats and barley crops and on sugar beets in the four beet-producing provinces have been included in the 1953 estimetes. When details of the final payment on the 1953 western wheat crop are announced, the value of this crop will be revised upwart.

Values per unit assigned to each crop in 1954 represent, for the most part, average prices received by farmers from August 1, the beginning of the current crop year, up to mid-January only. No attempt has been made to forecast prices for the remainder of the crop year. For wheat, oats and barley of the $195 \%$ crop in Westem 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 becomes known.

With the major exceptions of crops in Ontario and Quebec, production estimates in this report are those published in the Bureau's "November Estirate of Production". Production estimates for mustard seed, which is becoming of increasing importance in southern Alberta, are included in this report for the first time. Details of estimates for this crop as well as those crops for which revisions have been made since the publication of the Bureau's November report may be found in Table 4.

Revised grain marketing data for the 1953-54 crop year recently released by the Board of Grain Commissioners have provided a further check on the disposition of the 1953 crop. An upward adjustment in farmers' marketings of weat in Saskatchewan has required some downward revision in the estimate of stocks of weat on farms in that province as at July 31, 1954. Revised csta on stocks of Canadian grain both on fams and in armarciel, positions it July 31, 1954 may be found in Table 5.

Table 1. - Preliminary Estimate of the Gross Value of Field Crops in Canada, by Provinces, 1954, Compared with Revised Estimates for 1953


Note:- See page 6 for footnotes.

| Province and Crop | Production |  | Average Farm Price | Total Farm Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1953 | 1954 | 1953 1/ 1954 2/ | 1953 1/ | $19542 /$ |
| NEW BRUNSWICK - per bushel - \$000 |  |  |  |  |  |
| Wheat | 70,000 | 74,000 | $1.70 \quad 1.75$ | 119 | 130 |
| Oats for grain | 6,840,000 | 4,896,000 | $0.76 \quad 0.77$ | 5,198 | 3,770 |
| Barley | 338,000 | 255,000 | $1.08 \quad 2.05$ | 365 | 268 |
| Mixed grains | 324,000 | 272,000 | $0.95 \quad 0.95$ | 308 | 258 |
| Buckwheat | 221,000 | 177,000 | 1.121 .17 | 248 | 207 |
| Potatoes | 13,988,000 | 10,123,000 | $0.43 \quad 0.95$ | 6,015 | 9,617 |
| Tame hay | 688,000 | 792,000 | $14.00 \quad 15.50$ | 9,632 | 12,276 |
| Field roots | 42,000 | 31,000 | $14.00 \quad 14.00$ | 588 | 434 |
| Tot als |  |  |  | 22,473 | 26,960 |
| QUEBEC | - bushels - |  | - \$ per bushel - |  |  |
| Wheat | 241,000 | 211,000 | 1.721 .73 | 415 | 365 |
| Oats for grain | 42,780,000 | 31,122,000 | 0.850 .89 | 36,363 | 27,699 |
| Barley | 1,582,000 | 998,000 | 1.151 .19 | 1,819 | 1,188 |
| Rye | 55,000 | 43,000 | 1.231 .35 | 68 | 58 |
| Mixed grains | 6,565,000 | 5,162,000 | 1.101 .12 | 7,222 | 5,781 |
| Buckwheat | 997,000 | 749,000 | 1.201 .27 | 1,196 | 951 |
| Peas, dry | 55,000 | 48,000 | $4.25 \quad 4.03$ | 234 | 193 |
| Beans, dry | 17,500 | 12,700 | 4.55 4.58 | 80 | 58 |
| Potatoes | 16,600,000 | 11,408,000 | 0.851 .30 | 14,110 | $24,3,30$ |
|  | - tons |  | - \$ per ton - |  |  |
| Tame hay | 5,201,000 | 6,013,000 | $15.00 \quad 14.50$ | 78,015 | 87, 789 |
| Fodder corn | 708,000 | 520,000 | $7.00 \quad 6.65$ | 4,956 | 3,458 |
| Field roots | 86,000 | 64,000 | $19.65 \quad 21.70$ | 1,690 | 1,389 |
| Sugar beets | 70,291 | 67,604 | $13.00 \quad 13.00$ 6/ | 914 | 8796 |
| Totals |  |  |  | 147,082 | 144,038 |
| Ontario | - bushels - |  | - \% per bushel - |  |  |
| Wheat | 26,946,000 | 24,769,000 | 1.491 .25 | 40,150 | 30,961 |
| Oats for grain | 68,576,000 | 64,873,000 | $0.72 \quad 0.72$ | 49,375 | 46,709 |
| Barley | 6,156,000 | 4,723,000 | $1.07 \quad 2.01$ | 6,587 | 4,770 |
| Rye | 1,710,000 | 1,854,000 | 1.170 .99 | 2,001 | 1,835 |
| Mixed grains | 46,884,000 | 47,573,000 | $0.82 \quad 0.80$ | 38,445 | 38,058 |
| Corn, shelled | 20,404,000 | 21,920,000 | $1.36 \quad 1.45$ | 27,749 | 31,784 |
| Buckwheat | 1,740,000 | 994,000 | $0.98 \quad 0.93$ | 1,705 | 924 |
| Pees, dry | 202,000 | 140,000 | $2.60 \quad 2.61$ | 525 | 365 |
| Beans, dry | 1,202,000 | 1,015,000 | $4.12 \quad 5.00$ | 4,952 | 5,075 |
| Potatoes | 11,883,000 | 9,492,000 | $1.07 \quad 1.58$ | 12,715 | 14,997 |
| Fla xseed | 537,000 | 188,000 | 2.63 2.55 | 1,412 | 479 |
| Soybeans | 4,406,000 | 4,953,000 | $2.45 \quad 2.40$ | 10,795 | 11,887 |
|  | - tons - |  | - per ton- |  |  |
| Tame hay | 7,350,000 | 6,742,000 | $13.00 \quad 13.00$ | 95,550 | 87,646 |
| Fodder corn | 2,695,000 | 2,323,000 | $3.95 \quad 4.23$ | 10,645 | 9,826 |
| Field roots | 194,000 | 197,000 | $14.40 \quad 14.40$ | 2,794 | 2,837 |
| Sugar beets | 245,606 | 256,642 | 12.86 10.13 5/ | 3,158 | 2,600 5 |
| Totals |  |  |  | 308,558 | 290,753 |



| Frovince and Crop | Procuction |  | Average Farm Price |  | Total Farm Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1953 | 1954 | 1953 1/ | 1954 2/ | 1953_1/ | $19542 /$ |
| BRITISH COLUMBIA - bushels - |  |  | - \$ per bushel - |  | $3.699^{-\$ 000}$ |  |
| Wheat | 2,605,000 | 1,750,000 | 1.34 | 1.21 - ${ }^{\text {d }}$ | 3,491 | 2,118 $8 /$ |
| Oats for grain Barley | 5,586,000 2,716,000 | 3,967,000 2,337,000 | 0.60 0.85 | $0.528 /$ 0.75 / | 3,352 2,309 | 2,063 $1,753 /$ |
| Rye | 160,000 | 100,000 | 0.82 | 0.94 | 131 | - 94 |
| Mixed grains | 165,000 | 125,000 | 0.80 | 0.70 | 132 | 88 |
| Peas, dry | 58,000 | 79,000 | 2.40 | 2.25 | 139 | 178 |
| Potatoes | 3,390,000 | 2,876,000 | 1.36 | 1.70 | 4,610 | 4,889 |
| Flaxseed | $\begin{array}{r} 75,000 \\ -\quad t o \end{array}$ | 100,000 | 2.31 | 2.41 ton - | 173 | 241 |
| Tame hay | 772,000 | 730,000 | 20.75 | 24.75 | 16,019 | 18,068 |
| Fodder corn | 38,800 | 33,600 | 8.00 | 9.00 | 310 | 302 |
| Totals |  |  |  |  | 30,666 | 29,794 |

1/Revised; includes effect of final payments on Western Canadian oats and barley, and on sugar beets; final payment on Western Canadian wheat to be taken into account when details available. 2/ Preliminary; based on average prices received by farmers during the August, 1954 -January, 1955 period. 3/Final payment on Western Canadian wheat to be taken into account when details available. $4 /$ Based on initial payments only for Western Canadian wheat, oats and barlēy. 5/ Based on estimated total payments. 6/ Based on total payments. 7/Final payment on that part of the crop marketed through the Canedian shant Board to be taken into account when details available. 8 Includes effect of initial payments only for that part of the crop marketed through the Canadian wheat Board.

Thble 2 - Estirated Total Area and Value of Canada's Principal Field Crops, 1954 Compared with 1952 and 1953

| Province | Area $1 /$ |  |  | Value 1/ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1952 | 1953 | 1054 | 1952 | 1953 2/ 1954 3/ |
|  | - 000 acres - |  |  | - 000 dollars - |  |
| P.E.I. | 417 | 421 | 432 | 26,012 | 16,664 20,886 |
| N.S. | 440 | 431 | 437 | 22,716 | 17,040 18,233 |
| N.B......... | 675 | 660 | 657 | 30,202 | 22,473 26,960 |
| Que. ......... | 5,555 | 5,526 | 5,527 | 154,660 | 147,082 144,038 |
| Ont. | 8,298 | 8,202 | 8,392 | 337,171 | 308,558 290,753 |
| Man. | 7,281 | 7,159 ${ }^{\text {76 }}$ | 6,948 | 247,408 | 174,914:7.07108,049 |
| Sask......... | 24,199 | 23,327 | 22,361 | 926,432 | 642,940 264,808 |
| Alta. ........ | 14,299 | 14,290 | 13,291 ${ }^{\circ}$ | 527,305 | 410,761 , 234,149 |
| B.C. | 580 | 586 | , 567 | 34,491 | 30,666 29,794 |
| Canada ..... | 61,745 | 60,601 | $58,60$ | 2,306,397 | $\begin{array}{ll} 1,771,098 & 1,137,670 \end{array}$ |

1 See table 2 for crops included in the se estimates.
Subject to upward revision when extent of final payment on Westem Canadian wheat delivered to the 1953-54 pool becomes known.
3/ Prelimirary; based on prices received by farmers during August-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, 1954, Compared with Latest Estimates for 1953

| Crop | Area |  | Yield Per Acre |  | Production |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 195 | 1954 | 1953 | 1954 | 1953 | 1954 |
|  | - acres - |  | - bushels - |  | - bushels - |  |
| Winter wheat | 732,000 | 710,000 | 35.8 | 34.0 | 26,206,000 | 24,140,000 |
| Spring wheat | 24,780,600 | 23,556,800 | 23.7 | 11.7 | 587,756,000 | 274,769,000 |
| 111 wheat | 25,512,600 | 24,266,800 | 24.1 | 12.3 | 613,962,000 | 298,909,000 |
| Oats for grain | 9,830,000 | 10,160,600 | 41.4 | 30.2 | 406,960,000 | 306,793,000 |
| Barley | 8,911,100 | 7,855,900 | 29.4 | 22.3 | 262,065,000 | 175,509,000 |
| Fall rye | 1,031,200 | 672,500 | 20.6 | 17.7 | 21,225,000 | 11,922,000 |
| Spring rye | 463,000 | 178,000 | 16.3 | 12.7 | 7,550,000 | 2,254,000 |
| All rye | 1,494,200 | 850,500 | 19.3 | 16.7 | 28,775,000 | 14,176,000 |
| Mixed grains | 1,445,400 | 1,632,600 | 43.0 | 37.6 | 62,188,000 | 61,454,000 |
| Corn, shelled | 362,000 | 418,000 | 57.6 | 53.4 | 20,854,000 | 22,339,000 |
| Buckwheat | 1419330,900 | 130721,500 | 23.1 | 17.8\% | 3,210,000 | 2,168,000 |
| Peas, dry | 60,400 | 50,000 | 20.0 | 17.6 | 1,210,000 | 880,000 |
| Beans, dry | 68,500 | 72,500 | 17.8 | 14.2 | 1,219,500 | 1,027,700 |
| Potatoes | 321,100 | 1,296,200 | 208.7 | $169.9{ }^{17}$ | 67,002,000 | $50,326,000{ }^{5}$ |
| Flaxseed | 972,000 | 1,206,000 | 10.2 | 9.3 | 9,912,000 | 11,238,000 |
| Soybeans | 216,000 | 254,000 | 20.4 | 19.5 | 4,406,000 | 4,953,000 |
|  |  |  | - pounds - |  | - pounds. ${ }^{\text {- }}$ |  |
| Sunflower seed | 4,500 | 20,000 | 880 | 650 | 3,960,000 | 13, 000,000 |
| Rapeseed | 29,500 | 146,000 | 877 |  | 25,875,000 | 40,500,000 |
| Mustard seed | 42,700 | Wre-67,900 | 446 | $383^{4 \prime}$ | 19,049,000 | 25,987,000. |
|  |  |  | - t | - | - | ns |
| Tame hay | 10,702,000 | 10,802,000 | 1.84 | 1.81 | 19,650,000 | 19,549,000 |
| Fodder corn | 364,700 | 355,500 | 9.77 | 8.38 | 3,564,800 | 2,978,100 |
| Field roots | 43,200 | 42,800 | 11.04 | 10.28 | 477,000 | 440,000 |
| Sugar beets | 81,952 | 90,453 | 10.99 | 11.10 | 900,339 | 1,003,853 |

Table 4 - Details of Revisions, by Provinces, in Area, Yield and Production of Principal Field Crops, 1954, Compared with 1953

| Province and Crop | Area |  | Yield Per Acre |  | Production |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 |
| QUEBEC | - acres - |  | - bushels - |  | - bushels - |  |
| Spring wheat | 11,100 | 11,300 | 21.7 | 18.7* | 241,000 | 211,000* |
| Oats for grain | 1,380,000 | 1,371,000 | 31.0 | 22.7* | 42,780,000 | 31,122,000* |
| Barley | 56,500 | 53,100 | 28.0 | 18.8* | 1,582,000 | 998,000* |
| Fall rye | 2,700 | 2,800 | 20.4 | 15.5* | 55,000 | 43,000* |
| Mixed grains | 202,000 | 209,000 | 32.5 | 24.7 * | 6,565,000 | 5,162,000* |
| Buckwheat | 41,200 | 45,100 | 24.2 | 16.6* | 997,000 | 749,000* |
| Peas, dry | 3,300 | 3,700 | 16.7 | 12.9* | 55,000 | 48,000* |
| Beans, dry | 1,000 | 1,000 | 17.5 | 12.\% | 17,500 | 12,700* |
| Potatoes | 100,000 | 92,000 | $\begin{aligned} & 166.0 \\ & \text { - tor } \end{aligned}$ | 124.0* | $16,600,000$ | 11,408,000* |
| Tame hay | 3,637,000 | 3,644,000 | 1.43 | 1.6** | 5,201,000 |  |
| Fodder com | 72,600 | 76,500 | 9.75 | $6.80{ }^{*}$ | 708,000 | 520,000* |
| Field roots | 11,100 | 10,600 | 7.75 | $6.05{ }^{*}$ | 86,000 | 64,000* |
| Sugar beets | 7,025 | 6,473* | 10.01 | 10.44* | 70,291 | 67,604* |

*irevised since release of Crop leport No. 22 on November 5, 1954; other estimates remain unchanged.

Table 4 - Details of Revisions, by Provinces, in Area, Yield and Production of Principal Field Crops, 1954, Compared with 1953

| Province and Crop | Area |  | Yield Per Acre |  | Production |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1953 | 1954 | 1953 | 1954 | 1953 | 1934 |
| ONTARTO | - acres - |  | - bushels - |  | - bushels - |  |
| Oats for grain | 1,548,000 | 1,685,000 | 4.336.0 | $\begin{aligned} & 38.5^{*} \\ & 32.8^{*} \end{aligned}$ | 68,576,000 64,873,000* |  |
| Barley | 171,000 | 144,000 |  |  | 6,156,000 | 4,723,000* |
| Nixed grains | 1,017,000 | 1,130,000 | 46.1 | 42.1* | 46,884,000 | 47, 573,000* |
| Corn for grain | 347,000 | 400,000 | 58.8 | 54.8* | 20,404,000 | 21,920,000* |
| Buckwheat | 77,000 | 54,600 | 22.6 | 18.2* | 1,740,000 | 994,000* |
| Peas, dry | 10,000 | 9,600 | 20.2 | 14.6* | 202,000 | 140,000* |
| Beans, dry | 67,500 | 71,500 | 17.8 | 14.2* | 1,202,000 | 1,015,00** |
| Flaxseed | 41,000 | 19,000 | 13.1 | 9.9* | 537,000 | 188,000* |
| Soybeans | 216,000 | 254,000 | 20.4 | 19.5* | 4,406,000 | 4,953,000* |
|  |  |  |  | ns | - ton | , |
| Fodier corn | 264,000 | 255,000 | 10.21 | 9.11** | 2,695,000 | 2,323,000* |
| Sugar beets | 22,771 | 23,504* | 10.79 | 10.92* | 245,606 | 256,642* |
| MANITOBA |  |  |  |  |  |  |
| Sugar beets | 17,455 | 23, $510^{*}$ | 9.29 | 10.08* | 162,161 | $237,090^{*}$ |
| ALBilita | 42,700 | 67,900 | - pounds - |  | - pounds - |  |
| Mustard seed** |  |  | 446 | 383 | 19,049,000 | 25,987,000 |
|  |  |  |  |  | - ton |  |
| Sugar beets | 34,701 | 36,966* | 12.17 | 11.97* | 422,281 | 442,607* |
| BRITISH COLUMBIA |  |  | - bushels - |  | - bushels - |  |
| Barley | 67,900 | 75,400 | 40.0 | 31.0* | 2,716,000 | 2,337,000* |
| Peas, dry | 2,100 | 2,400* | 27.5 | 33.0* | 58,000 | 79,000* |

* Revised since release of Crop Report No. 22 on November 5, 1954; other estimates remain unchanged. **Lstimates published for first time.

Table 5 - Revised Estimates, Stocks of Caradian Grain at July 31, 1954

| Position | Wheat | Oats | Barley | irye | Flaxseed |
| :---: | :---: | :---: | :---: | :---: | :---: |
| On farms 1/ Prairie Provinces |  |  |  |  |  |
|  |  |  |  |  |  |
| Manitoba | 7,000 | 10,000 | 16,000 | 700 | 200 |
| Saskatchewan | 130,000 | 40,000 | 40,000 | 7,500 | 700 |
| Alherta | 55,000 | 35,000 | 39,000 | 4,500 | 100 |
| motele | 192,000 | 85,000 | 95,000 | 12,700 | 1,000 |
| Othar provinces | 3,860 | 12,250 | 1,810 | 160 | 30 |
| Totals on Farms 2/ | 195,860 | 97,250 | 95,810 | 12,860 | 1,030 |
| In commercial positions 3/4/. | 386,815 | 28,519 | 49,100 | 6,425 | 1,548 |
| Totals, all positions 4/ ... | 582,675 | 125,769 | 145,910 | 19,285 | 2,578 |

I/ Estimeted by Dominion Bureau of Statistics. 2/Same as originally published except for farm stocks of weat in Saskatchewan. 3/ Compiled by Statistios Branch, Board of Grai $n$ Conmissioners for Canada, except for stocks in mill bins compiled by Dominion Bureau of Statistics. $4 /$ Totals for all grains revised.


[^0]:    Note: Data for Newfoundland not available.

