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DOMTITO: ETEEAO OS STATISITOS - CANADA
AORICTUTRAL BRATV

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Ottera, Jemary 2i, 2932, 4 p.e. - The yominion suraan of 3etistics issues totay the linal estimate of the area, yielc and value of field crops in Canada in 1931. In accordance with previous practice, the estimates of wheat, rye and flaxseed may be suojected to further revision when full narieting statistics for the western provinces are available at the end of the crou year. We average prices used in crop valuation are based on moncily and soecial compliations to the end of Jecember, 1331, so these may also require revision tue to nrice changes durinc tie last seven montins of tiae crop seas?

This revort also includes revised Anvon for the wheat and ilaxseed crops of 1930.

Acreases compilea from the decenhiai senzus of Juno, 193], have been used Wherever available, and some ninor revisions rom the figures used in Tovember will be noted.

The wheat crop of Canada in 1931 is now estimated at $304,144,000$ businels comvared with a revised figure of $420 \quad € 72,000$ bushels fo" the crop of the previcus year. The new estimate fo: 1931 represents a slight increase of abodi 6 milion busiels over the rovisional estimate of November 12. The increases occur in ontario, Saskatchewan and Alberta, with the estimates for the other provinces practically unchanged.

The production of tiee otier rain crops is about tine same as forecasted on November 12, with oats and barley bei.ig paitinlarly close to the Yovember estimates. Rye, flaxseed, buckweat and com for hrecing are placed lower. A necessary upward revision res been made in the 1930 Slazseed prowucion now given as 5,069,000 bushels in place of 4,399,000 busizels.

The 1931 production of potatoes is aww estimated at 52,305,000 cwt. compared With tire provisional estimate or $55,089,000 \mathrm{cmt}$. and last yearis estimate of $48,241,000 \mathrm{cwt}$.

## CROE FROUJOTIO IN MEE PEATRI PROVITOES

Ihe production estinatos for the inve important grain crops siow iittle change from the rovisional es tates of orentlor 12, with a slicht increase in wheat and decrerses in oats, uarlay and ila: seed. The theat crup is placed 5 million businels higher at ? 3 4 milion bushel. jecause 0 : unward revisions of 4 and 1 miliion bushels in Saskatcheven and Alberia, rospect rely, the Vailtobs estimate being unchanged. These revisions are supportod $t$, the rocurd and promise of deliveries at country elevators and platfinm undines wicic, ta the neriod from August 1 , 1931, to Januery 8, 1932, totallec 190.jmilion ous els widich sre holding at ration higin lovels in this season urally maried by slacliness. $32.1+$ million bushels have been marketed in Saskatclewar 86.8 mill on busiela in Alberta and 20.1 milion businels in Yanitoba. Mile the minday normant was leclined to lor levels in Manitoba and Saskacciewai, the Alberta novemeni is contiruing at a relatively high rate. The returned scherules on farm stccks at Decmuer. 31, ? 931 , also revealed that Alverta farmers have lanser sumplies stilj to be mankeuki.
$\sim$ It will be noted that the 1930 wheat estime has been increased by 22.3 million busiels to conform witin revised deliverics and related estimates of crop disposition. Manitobals srop las lowered siigity, surlatchevan's increased by 10.4 millon busiels and Alberta's incrensef by 14 ? millon bushels. The wheat crop in the three provincos for 1930 is now estimetad at $797-3$ million businelso

1:0 si nificant charge has been nacie from the provisional production estimates for oats and barley in 1931, but the flex wa ree crops are considerobly reduced because of the lighter then execter deli exies these grains.

On the basis ci deliveripr, the flaxseed ecuimate for 1930 is increased from 4,293,000 to 4,553,000 bushels. The under-estimate was probably cua, is in the case oi wheat, to low estimetes of acrenee lest pear.

## Qutitr or 1031 THEATCROP

The percentages of inspections in the Prairie Frovinces grading No. 3 Northern ol better from August to Cecemoei。 1931, ware as folluws with corresoonding figures for 1930 in brackets: August $67.03(85.05)$, jontenter 73.62 ( 86.37 ) , October $79.14(78.53)$, November $76.79(40.82)$, Iucumur 75.61 (28.3), five montis ending December, 75.61 ( 70.47 ). Inspections in August and September, 1931, failed to grade as high os inspections for the same montins in 1930, the mall crop in the normally high grade wheat area of southern Sastatclicwen end southow Aiberta probably accounting for the difference. In October, 193\%, the percentage o inspections gradin No. 3 Northern or better about equalied the reroentage for the sama month in 1030. Hovember and Decomber inspections in 1932 gradod much higher than inspections for the same months last $y$ ear. In general, the grading of the $i 931$ crop in these months reflected much cotter haivesting weatiner than was experiencea in the fall of 1930.

For the five montins: period, Auqusi io Deceriber, i932, 75.61 per cent of inspections graded $7^{\circ} 0$. 3 2osthem or botter as ompared $\$$ ith 70,47 per cent in the corresponding period in 1930. This sta ement wase be oualified by noting tiat only 29.28 per cent of the cars grading 1\%. Nor Nerm or better were No. I Northern in August to December. 1931, compared with +1.63 per cont in the same class in 1930, while 45.88 per cent graded 7 N. 2 Nowthem $\operatorname{in} 103$ : compared with only 32.33 per cent in 1930 .

## ARUAS AND YTELTE OF GRAII CROPS

The total production of weat in Canaia for the year 1931 is estimated at 304.144,000 bushels from $26,114,650$ ecres, as comnerd with $420,672,000$ bushels from 24.897.900 acres in 1930. The avarage vield par ecte for all wheat in 1931 was 11.6 bushels ner acre, as compared with l0.g bushels per acre in 1930. Oats ylelded $328,278,000$ bughels from $12,871,341$ acres, at comparud with $423,148,000$ bushels from 13,258,700 acres in 1930, \%he average viela per acre being 25.5 bushels, as compared with 31.9 bushels. The jield of barley is estimated at $67,382,600$ bushels from $3.768,269$ acres, as compared witir $135,160,200$ busnels from 5,558,700 acres in 1930, the respective yields oer acre voing 17.9 bushels and 24.3 bushels. Rye is estimated to have given a yield of $5,322,000$ busheis from 777,534 acres, 0 s compared with 22,018:500 busheis from $1,+48,050$ acres in 1930. the yields per acre being 6.8 bushe1s and 15.2 busnels, respectively. Flaxseed yiended 2,565,000 uusheis from 627,430 acres, as compered with 5,069,000 buchels from 581.800 acres in 1930. The yield per acre was 4.1 bushels, as somparen 7102 on- 7 tushele in 1930 . Ter the remaining grain crops, the totals for 1931 were. In bushels, as follows with the 1930 figures in bracketa: Peas $1,370,000(2,370,600)$; beans $1+267,900(1,438,600)$; buckwheat 6,640.700 (10,903,300); mixeu grains $39,431,000(44,276,000)$; corn for husking $5,426,000(5,8,6,000)$.

## GRATM YIULE OF MGEPAIRIE PROTINCES

The total Erain vields of the three Erairle Provinces are estimated as follows, with the 1930 figures within breckets: "eat $284,000,000$ bushels from $25,352,722$ acres ( $397,300,000$ busheis Mm. $23, \forall 0,0$ ecres); oats $183,700,000$ bushels from 8,311,967 acres ( $25,4,011,000$ busichs from 5, 266,000 acres); barley 50,540,000 bushels from $3,202,727$....es ( $109,495,000$ busials from $4,755,000$ scres); rye 4,157,000 bushels from 711,709 acres ( $20,541,000$ bushe!s from 1,770,000 acres); flaxseed $2,470,000$ bushels from 618,56 ] acres ( $4,953,000$ bushels from 571,000 acres).

## POOT HND FODE= TROPS

The total yield of potatoes in 103? Was $52,305,000 \mathrm{cwt}$. from 583,947 actes, as compared with $48,2^{\prime}+1,000 \mathrm{cwt}$ from $57 \mathrm{i}, 300$ acies 1 ll 1950, the yields per acre being 30.0 cwt , and $84.4 \mathrm{~cm}^{2}$, , respentfye1y. Turnips, mangolds, etc., yielded 29,371,000 cwt. from 154,147 acres, as and nst i41,064,000 cwt . from 225,970 acres in 1930 , representing yiaids per acre of 191.0 cwt . and 181.8 cmtas respectively. The production of sugar beets is estimated at 459,000 tons from 53, 647 acres, as compared With 471,000 tons from 52,500 acres in 1930. The yield per acre in 1931 is 9.06 tons and in $1930,8.97$ tons. The total yield of hay and clover in 1931 amount ed to 13, 60,000 tons from 8,532,363 acres, or 1.54 tons per acre as cumpared with $16,397.000$ tons from $\div 0.618,200$ acres, or 1.54 tons ver acre in 1930. Alfalfa yielded 1,342,000 tons from $5.37,110$ acres: or 2,50 tons ver ace as cormared with $1,640,000$ tons from 744,000 acies, or 2.20 tons par acre in 1950 . The yield of fodder corn is estimated at 2,864 :900 ton- from 341, 117 acros, or 8.38 tons per acre, as against $3.475,700$ tons from 25,400 ecres, or 8.15 tons per acre in 1930. The production of grain hay amounted to $3,615,000$ inns frcm $7_{3} 000,000$ acres. or 2.00 tons per acre, as compared with $3,159,000$ tons from $1.798,000$ acres, or 1.76 tons per acre in 1930 .

## - 3- <br> VALUE OF PIELD CROPS

The average prices per unit as received by growers at the point of production for tine 1931 crop are estimated from the reports of crop correspondents as follows, - with the prices for 1930 within brackets: Cents per bushel - Wheat, 38 ( 49 ); oats, 24 (24); barley, $26(20)$; rye, $28(20)$; peas, 84 (1.47); beans, 69 (227); buckwheat, 50 (65): mixed grains, 37 (42); flaxseed, 79 (34); cotn for husking, 42 (87). Cents per cwt. - Fotatoes, 43 (83); turnips, etc., 28 (44). Dollars per ton - Hey and clover, 7.62 (9.83); alfalfa, 10.37 (12.12); fodder corn, 3.97 (4.93); grain hay, 5.13 (6.73); sugar beets, 6.12 ( 6.87 ).

The total values of field crops are estimated as follows; the values : 0 or 1930 being given within brackets: Wheat, $\$ 117,080,000(\$ 204,693,000)$; oats, $\$ 77,070,000$ ( $\$ 102,913,000$ ) ; barley, $\$ 17,465,000$ ( $\$ 27,254,000$ ); rye, $\$ 1,476,000(\$ 4,401,500)$; peas, $\$ 1,155,000(\$ 3,487,000)$; beans, $\$ 873,400(\$ 3,261,400)$; buckwheat, $\$ 3,299,000$ ( $\$ 7,124,000$ ); mixed grains, $\$ 14,453,000(\$ 18,435,000)$; flaxseed, $\$ 2,025,000(\$ 4,741,000)$; corn for husking, $\$ 2,253,000(\$ 5,054,000)$; potatoes, $\$ 22,359,000(\$ 39,858,000)$; turnips, etc., $\$ 8,089,000(\$ 18,180,000)$; hay and clover, $\$ 106,343,000(\$ 161,122,000)$; alfalfa, $\$ 13,917,000(\$ 19,877,000)$; fodder corn, $\$ 11,370,700(\$ 17,142,000)$; grain hay, $\$ 22,130,000(\$ 21,254,000)$; sugar beets, $\$ 2,307,000(\$ 3,238,000)$.

Tie aggregate value of all field crops in 1931 is estimated at $\$ 425,065,100$, as compared with $\$ 662,040,900$ in 1930. The total area under field crops in 1931 is estimated at $57,964,056$ acres, as compared with $62,214,670$ acres in 1930. It will be noted that there is a decline of 4.25 million acres in the area devoted to the principal field crops of Canada in 1931 as compared with 1930, the decrease being about equally divided among quebec, Ontario, Manitoba and Saskatchewan.

Table 1.-Area, Yield and Value of Principal Field Crops in Canada, 1931.


| Quejic - Con. bicres bugh. bush. per bush. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Eorn for husking | 6,313 | $\begin{gathered} 25.4 \\ \text { cwt. } \end{gathered}$ | $\begin{aligned} & 160,000 \\ & \text { cwt. } \end{aligned}$ | $0.52$ <br> per cwt. | 147,000 |
| Potatoes | 144,421 | 117.0 | 16,897,000 | 0.51 | 8,617,000 |
| Turnips, etc. | 25,648 | 238.0 | 6,104,000 | 0.43 | 2.625,000 |
|  |  | tons | tons | per ton |  |
| Hay and clover | 3,404,866 | 1.55 | 5,618,000 | 6.50 | 36,517,000 |
| Alfalfa | 10,800 | 3.00 | 32,000 | 8.35 | 267,000 |
| Fodder corn | 42,651 | 9.90 | 422.000 | 3.50 | 1,477,000 |
| ONTARIO - |  | bush. | bush. | per bush. |  |
| Wheat | 625,711 | 27.6 | 17,246,000 | 0.52 | 3,968,000 |
| Oats | 2,343,884 | 33.5 | 78,520,000 | 0,25 | 15,630,000 |
| Barley | 439,483 | 30.7 | 13,492.000 | 0.37 | 4,992,000 |
| Fall rye | 56,398 | 17.7 | 998,000 | 0.42 | 419,000 |
| peas | 6U,175 | 16.6 | 999,000 | U. 63 | 629,000 |
| Berns | 73,833 | 15.6 | 1,152,000 | 0.58 | 668,000 |
| Buc lewheat | 178,093 | 20.5 | 3,65],000 | 0, 42 | 2,533,000 |
| Mixed grains | 999,568 | 34.7 | 34,585,000 | 0.36 | 12,487,000 |
| Flarseed | 7,065 | 10.7 | 76,000 | 1.05 | 80,000 |
| Corn for husking | 124,435 | 42.3 | 5,266,000 | 0.40 | 2,105,000 |
|  |  | cwt. | cwt. | per cwt. |  |
| Potatoes | 169,604 | 71.0 | 12,042,000 | C. 39 | 4,696,000 |
| Turnips, etc. | 87,431 | 172.0 | 15,038,000 | 0.20 | 3,008,000 |
|  |  | tons | tons | per ton |  |
| Hay and clover | 3,162,178 | 1.66 | 5,250,000 | 8.22 | 43,155,000 |
| Alfalfa | 431,525 | 2.50 | 1,079,000 | 10.00 | 10,790,000 |
| Fodder corn | 266,859 | 8.67 | 2,314,000 | 4.00 | 9,256,000 |
| Sugar beets | 38,047 | 9.30 | 354,000 | 6.00 | 2,124,000 |
| $\frac{\text { NindITBA }}{\text { Theat }}$ - |  | bush. | bush. | per bush. |  |
|  | 2,577,780 | 10.5 | 27,000,000 | 0.21 | 11,070,000. |
| Oats | 1,495,844 | 17.0 | 25,500,000 | 0.09 | 14,845,000 |
| Barley | 1,112,863 | 13.9 | 15,400,000 | 0.21 | 3,234.000 |
| Fall rye | 33,799 | 14.1 | 480,000 | 0.24 | :115,000 |
| Spring rye | 15,329 | 11.8 | 181,000 | 0.24 | 13,000 |
| All rye | 49,128 | 13.4 | 661,000 | 0.24 | 158,000 |
| peas | 1,300 | 16.0 | 21,000 | 1.06 | 22,000 |
| Suckwheat | 2,800 | 15.8 | 44,000 | 0.55 | 24,000 |
| Mixed grains | 11,324 | 20.5 | 232,000 | 0.21 | 49,000 |
| Flaxseed | 97,562 | 4.6 | 450,000 | 0.81 | 365,000 |
|  |  | cwt. | cwt. | per cwt. |  |
| Potatoes | 37,300 | 75.0 | 2,800,000 | 0.38 | 1,064,000 |
| Tumips, etc. | -4,800 | 11800 | 531.000 | O.E.44ton | 234,000 |
| Hay and clover | 294,888 | tons. | 413,000 | per ton | 3,201,000 |
| hlfalfa | 11,500 | 1.70 | 20,000 | 10.00 | 200,000 |
| Fodder corn | 12,000 | 3.70 | 44,000 | 4.50 | 198,000 |
| $\frac{\text { Shisur }}{\text { Wheatienin }}$ - |  | bush. | bush. | per bush. |  |
|  | 14,775,047 | 8.2 | 121,000,000 | 0.38 | 45,980,000 |
| Oats | 4,368,735 | 15.5 | 67,700,000 | 0.18 | 12,186,000 |
| Barley | 1,366,092 | 10.5 | 14,340,000 | 0.21 | 3,611,000 |
| Fall rye | 415,152 | 4.3 | 1,785,000 | 0.23 | 411,000 |
| Spring rye | 95,410 | 6.4 | 611,000 | 0.23 | 141,000 |
| All rye | 510,562 | 4.7 | 2,396,000 | 0.23 | 552,000 |
| Peas | 1,300 | 6.0 | 8,000 | 1.00 | 8,000 |
| Beans | 800 | 5.6 | 4,500 | 1.20 | 5,400 |
| Mixed Grains | 20,165 | 12.0 | 242,000 | 0.19 | 46,000 |
| Ilazseed | 492,168 | 3.7 cwt. | $\begin{gathered} 1,820,000 \\ \text { cwt. } \end{gathered}$ | $\begin{aligned} & 0.77 \\ & \text { per cwt. } \end{aligned}$ | 1,401,000 |
|  | 41,732 | 88.0 | 2,420,000 | 0.01 | 1,234,000 |
| Potrtoes | 3,100 | 43.0 | 133,000 | 0.55 | 73,000 |
|  |  | tons | tons | per ton |  |
| Hay and clover | 171,538 | 1.17 | 201,000 | 7.10 | 1,427,000 |
| Alfalfa | 9,800 | 1.32 | 13,000 | 9.00 | 117,000 |
| Fodder corn | 8,600 | 1.56 | 13,000 | 4.70 | 61,000 |
| $\frac{\text { ALSETA }}{\text { Wheat }}$ - |  | bush. | buish. | per bush. |  |
|  | 7,999,895 | 17.0 | 136,000,000 | 0.36 | 48,960,000 |
| Oats | 2,447,288 | 37.0 | 90,500,000 | 0.18 | 16,290,000 |
| Sarley | 723,772 | 28.7 | 20,800,000 | 0.21 | 4,368,000 |
| Fall rye | 93,162 | 6.5 | 610,000 | 0.22 | 134,000 |
| Spring rye | 58,857 | 8.3 | 490,000 | 0.22 | 108,000 242,000 |
| all rye | 152,019 | 7.2 | 1,100,000 | 0.22 | 242,000 30,000 |
| Peas | 1,300 | 15.0 | 20,000 | 1.50 | 30,000 |


|  | acres | bush. | bush. | \$per Gush. | \$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ALBERTA - Con. |  |  |  |  |  |
| Beans 400 11.0 40000 |  |  |  |  |  |
| Mixed grains | 17,909 | 33.2 | 4,400 595,000 | 1.20 | 5,000 |
| Flaxseed | 28,831 | 6.9 | 200,000 | 0.19 0.72 | 113,000 144,000 |
| Potatoes |  | cwt. | cwt. | per cwt. |  |
| Turnips, etc. | 35,596 3,200 | 78.0 126.0 | 2,776,000 | 0.42 | 1,166,000 |
|  | 3,200 | 126.0 | 403,000 | 0.30 | 121,000 |
| Hay and clover Alfalfa | 287,721 | tons ${ }^{1.37}$ | tons | per ton |  |
| Alfalfa Fodder corn | 33,200 | 2.19 | 394,000 | 7.50 | 2,955,000 |
| Fodder corn | 7,000 | 2.19 3.55 | 73,000 | 10.00 | 730,000 |
| Grein hay Sugar beets | 1,750,000 | 3.55 2.00 | 25,000 $3,500,000$ | 4.00 | 100,000 |
| Sugar beets BRITISE COLUVEIA - | 12,600 | 8.33 | $3,500,000$ 105,000 | 6.00 | 21,000,000 |
| $\frac{\text { ERITISE COLUNELh }}{\text { heat }}$ - |  |  | 105,000 | 6.50 | 683,000 |
|  | 64,827 | $\begin{aligned} & \text { bush. } \\ & 24.4 \end{aligned}$ | 1,580,000 | per bush. |  |
| Oats Barley | 85,64! | 24.4 51.5 | 1,580,000 |  | 1,043,000 |
| Barley Spring rye | 9,531 | 32.6 | 4,411,000 311,000 | 0.38 | 1,676,000 |
| Spring rye | 3,971 | 20.3 | 311,000 81,000 | 0.50 | 156,000 |
| Peas | 2,715 | 25.1 | 88,000 | 0.55 | 45,000 |
| Beans | 650 | 21.5 | 14,000 | 1.40 1.70 | 95,000 |
| Flaxseed | 2,289 | 40.1 | 92,000 | 0.42 | 24,000 39,000 |
|  | 275 | 11.2 | 3,000 | 1.00 | 3,000 |
| Potatoes | 20,365 | cwt. 108.0 | cwt. | per cwt. |  |
| Turnips, etc. | 4,063 | 228.0 | 2,199,000 | 0.82 | 1,803,000 |
|  |  | tons | tons | per ton | 556,000 |
| Hay and clover Alfa | 143,543 | 2.07 | 297,000 | 13.00 |  |
| Fodder corn | 40,585 | 3.08 | 125,000 | 14.50 | 1,813,000 |
| Grain hay | 3,838 | 10.55 | 40,000 | 6.00 | 240,000 |
|  | 50,000 | 2.25 | 115,000 | 10.00 | 1,130,000 |

Table II. Areas and Yields of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1929-31.

| Crops | 1929 | 1930 | 1931 | 1929 | 1930 | 1931 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | acres | acres | acres | bush. | bush. | buibh: |
| Wheat | 24,297,116 | 23,960,000 | 25,3E2,722 | 281,064,000 | 397,300,000 | 284,000.000 |
| Oats | 7,731,937 | 8,286,000 | 8,311,967 | 141,620,000 | 254,011,000 | 183,700,000 |
| Barley | 5,114,203 | 4,755,000 | 3,202,727 | 79,787,000 | 109,495,000 | 50,540,000 |
| Rye | 922,217 | 1,370,000 | 711,709 | 11,982,000 | 20,641,000 | 4,157,000 |
| Flaxseed | 373,415 | 571,000 | 618,561 | 1,970,000 | 4,963,000 | 2,470,000 |

