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icd by Authotity of the Hon. James Malcolm,M.P.,
Minister of Trado and Commerce
DEPARTMENT OF TRADE AND COMMERCE
IOMIIION BUREAU OH STATISTICS -CANADA AGRICULTURAZ DIVISION

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ANMUAL REPORT OF FIELD CROPS OF CANADA, 1927
Ottawe, January 25, 1928, 4 p.m. - The Dominion Burcau of Statistics issued to-day, subject to finel revision, the anmual report on tho area, yield, quality and value of the field crops of Canada for the year 1927. As in previous years, tho data have becn determinod in agreement with the Provincial Governments, except as regards Queboc, for which the estimates are made solely by the Dominion Bureau. Data of the Census of the Prairie provinces of 1926 have been used for Manitoba, Saskatchewen and Alberta in
 and values for 1927, the renort is based upon final returns made by crop corres ondents during the month of December, 1927.

AGRICULTURAL SEASON OF 1927.
In the Atlantic Provinces, the conditions of the spring of 1926 were practically repeated in 1927. The meather was cold and backward, and little seeding mas done before the latter half of May. The season was much earlier in Quebec and Ontario. Farmers in Quebec Province had completed about 12 per cent of the seeding by the end of April in 1927 while seeding was nearly three-quarters completed in ontario during that conth. This was a noticeable gain over the previous year. May conditions in Ontario, however, were not so sood and it was well in June before this work was finally completed. In the Prairie Provinces and British Columbia, the weather was very cold and backward. Owing to excessive moisture there was considerably less seeding accomplished in Manitoba and Saskatchewan up to the end of April, 1927, than in the previous year. Better progress was made in Alberta. In British Columbia, over half of the seeding was complotod by the end of April. A great deal of wet weather during Nay dclayed seeding operations generally throughout Canada and on the whole, the season was well advanced before this work was finished. Featrer conditions improved in the latter part of June and into July. There was rand germination and crops made excellent growth, with the exception of focder corn, which suffered from the excessive moisture. During August, conditions indicated oxccllent yields of the principal grains in Saskatcheman and Alberta. In Manitoba, conditions had been less favourable. Growth had been good and there were many excellent stands of grain. The oat crop, and wheat to a loss extent, homever, had been affected by stem and leaf rust as well as adverse weathor conditions. Frost i/as al so expericncod in Saskatchewan early in August. These made results of the rear's tork uncertain al though the crops looked mell. The hay crop was reported as gocd in ctery provinco. Tho late scason delayed cutting operations, and wot meather causcd furthor set-backs. The veather remained favourable for a longer period than usual in the West and this onablod much grain to be harvested that mould otherwi se have been lost. Record crops pere harvosted in Alberta, thile returns in Saskatcheman rere satisfactary.
Maniteba's oat crop turned out to be practically a failure while the yiolds fro:n wheat were also disapointing. The potato crops in the Atlantic region were considorably roducod by wot weather and blight. On the whole, howevor, crops of all descriptions did exceptionally recll, and larger yields have been realized than eaflier conditions promisci. The quality of grains and potatoes, however, has been lomered by the advorsc conditions oxperienced during the scason.

AREAS AND YIELDS OF GRAIN CROPS.
Tho total yield of wheat in Canada for the year 1927 is cstimated at $440,024,700$ bushcls, from $22,460,154$ acres, as compared with $407,136,000$ bushels from $22,895,649$ acres in 1926, and with $387,738,620$ bushels from $22,009,997$ acres, the anmal averases for the years $1922-26$. The total for 1927 compriscs $22,266,000$ bushels frct 853,258 acres of fall wheat and $417,758,700$ bushels from $21,606,896$ acros of spring wheat. Tho average yleld per acre for all wheat in 1927 was 19.5 bushcls, as compared with 17.8 bushcls in 1926 and with 17.6 bushels, the anmal average for the years 1922-26. For fall wheat the average yield per acre in 1927 vas 26.1 bushels, as compered with 25.8 bushels in 1926 and with. 25.8 busheis, the five-year average. For Spring wheat the average for 1927 was 19.3 bushels as compared with 17.5 bushels in 1926 and with 17.3 bushels, the five-year average. Oats yielded in 1927 the total of $439,712,700$ bushels from $13,239,963$ acres, as compared mith $383,416,000$ bushels from $12,741,340$ acres in 1926 and $449,384,900$ buskels frcm $13,743,468$ seres the five-year
averago. The average yicld por acre was 33.2 bushels, as against 30.1 bushels in 1926 and 32.7 bushcls, the five-year averagc. Barley yicldcd $96,938,000$ bushols from 3,505,713 acres, as against $99,987,100$ bushcls from $3,647,462$ acres in 1926, and $84,955,100$ bushels from $3,192,586$ acres, the five-yoar average. The average yicld por acre was 27.7 bushels, as against 27.4 bushels in 1926 and 26.6 bushels, the fiveyear average. The total yield of flax-sced was $4,884,600$ bushols from 475,852 acros as compared mith $5,994,700$ bushels from 738,397 acres in 1926 and with. $6,814,900$ bushels from 810,602 acres, the fivo-ycar average. The yicld por acre mas 10.3 bushols, as compared with 8.1 bushels in 1926 and 8.4 bushels, the five-year average. For the remaining grain crops the total yields for 1927 rere in bushels as folloms, the correspondine totals for 1926 and for the five-year average being given within brackets: Rye $14,950,600(12,178,900 ; 18,138,700)$; Deas $2,794,900(2,635,000 ; 3,070,780)$; Deans $1,037,300(1,159,500 ; 1,239,860)$; buckwheat $10,890,000(9,882,300 ; 10,257,000)$; mixed Erains $37,621,500(33,875,000 ; 31,286,840)$; and corn for husking 4,262,000 (7,813,000;

The theat crop in point of yield is the second largest on record, the highest yield having been $474,199,000$ bushels in 1923.

## ROOT AND FODDER CROPS.

The total yield of potatoes in 1927 was $46,458,000 \mathrm{cvit}$. from 572,373 acres, as compared with $46,937,000 \mathrm{cmt}$. from 523,112 acres in 1926 and $51,008,840 \mathrm{cmt}$. from 570.327 acres, the five-year average. The average yield per acre was 81.2 cwt . a.s compared with 89.7 cwt . in 1926 and 89.4 cwt ., the five-year average. Turnips, mengold etc. Yielded 37,248,000 cwt. from 197,177 acres; as compared 7ith 34,235,000 cut. from 198,044 acres in 1926 and $38,650,000 \mathrm{cwt}$. from 202,756 acres, the five-year average. Sugar beets produced 391,000 tons from 44,103 acres, as compared $\operatorname{lith} 525,000$ tons from 46,988 acres in 1926 , and $344,760 \mathrm{crt}$. from 33,932 acres, the five-yoar avorage. The yicld per acre mas 8.87 tons, as compared with 11.17 tons in 1926 and 10.16 tons, the five- year average. The total yield of hay and clover amounted in 1927 to $17,370,000$ tons from $10,226,895$ acres, as comparcd with $14,058,000$ ions from $9,516,125$ acros in 1926, and $14,662,720$ tons from $9,736,255$ acres, tho five-year average. The yield per acro wes 1.70 tons as against 1.48 tons in 1926 and 1.51 tons, the five-ycar average. Grain hay is cstimated at $3,893,000$ tons from $1,560,845$ acres, as comporod witt. $4,763,000$ tons from $1,910,100$ acres in 1926 and $4,028,840$ to ns from $1,817,794$ acres, the fivo-ycar avorage. The average yield was 2.49 tons, as compared with 2.49 tons in 1926, and 2.22 tons, the five-ycar average. Alfalfa yielded $2,157,300$ tons from 910,156 acres, as compared with $2,061,300$ tons from 836,501 acres in 1926 , and $1,347,040$ tons frcm 528,775 acres, the five-year average. The yield per acre was 2.37 tons, as compared rith 2.46 tons in 1926 , and 2.55 tons, the five-yoar averago. Fodder conn yiclded $3,547,500$ tons from 471,569 acres, as compared with $4,489,800$ tons, from 511,125 acres in 1926 and $5,224,400$ tons from 612,470 acres, the five-year averagc.

## GRAIN YIELDS OF THE PRAIRIE PROVINCES.

The total grain rields of the three Prairic Provinces (Manitoba, Saskatckeman, ard Alberta) are estimated as follows, with the yields and acreages of 1926 givch within brackets: Wheat $414,919,000$ bushels from $21,425,656$ acros ( $380,765,000$ bushols,,$~$
805,314 acros); oats $269,453,000$ bushels from $8.205,067$ acres $(220,450,000$ bushols, $21,805,314$ acres) ; oats $269,453,000$ bushels from $8.205,067$ acres (220, 450,000 bushols, $7,491,888$ acres) ; barlcy $75,846,000$ bushols from $2,838,346$ acres ( $81,917,000$ bushels,
$3,048,413$ acres) ; rye $13,287,000$ buthels 3,048,413 acres) ; rye 13,287,000 bushels from 651,130 acres ( $10,391,000$ bushels, 727,204 acres).

## QUALITY OF GRAIN CROPS.

The average weights in 16 . por measured bushel for all Canada aro roported folloms; the averages for 1926 and for the five years 1922-26 are given within rackets. Fall wheat 59.96 ( $59.54 ; 60.20$ ); spring mheat $58.74(59.55 ; 59.45)$ : all incat $58.75(59.55 ; 59.53)$; oats $33.76(33.10$; 34.92$)$; barley $47.20(47.10 ; 47.34)$; all rye $55.83(55.36 ; 55.18)$; spring rye $55.80(55.43 ; 55.20)$; all rye $55.80(55.38$; 5.29) ; peas $59.86(59.33 ; 59.82)$; beans $59.80(58.66 ; 59.25)$; buckrheat $47.43(47.15$; 7.53): mixed grains $42.53(41.86 ; 43.30)$; flaxseed $55.42(54.9 C ; 55.00)$; corn for usking $54.66(54.72 ; 54.76)$.

## $V$ VIUES OF FIELI CROPS

The average prices por unit as received by growers at the point of product-
corresponding wrices for 1926 and for the five-year average $1922-26$ being given within brackets: Per bushel: Fall wheat $\$ 1.24$ ( $\$ 1.24$; $\$ 1.14$ ); spring wheat 99 cents ( $\$ 1.08$; 97 cents); all wheat $\$ 1.00$ ( $\$ 1.09 ; 98$ cents); oats 51 cents ( 48 cents; 41 cents); barley 66 cents ( 52 cents; 53 cents); fall rye 81 conts ( 76 cents; 72 cents); spring rye 85 cents ( 82 cents; 69 cents); all rye 81 cents ( 77 cents; 66 conts); peas $\$ 1.76$ ( $\$ 1.75$; $\$ 1.74$ ) ; bears $\$ 2.32$ ( $\$ 2.64 ; \$ 2.70$ ); buckmheat 89 cents ( 87 cents; 86 cents); mixed grai ns 72 cents ( 66 cents; 64 cents) ; flaxsecd $\$ 1.55$ ( $\$ 1.62 ; \$ 1.80$ ) ; corn for husking 99 cents ( $\$ 1.0 \mathrm{C} ; 97$ cents): Per cmt: Potatces $\$ 1.17$ ( $\$ 1.47$; $\$ 1.20$ ); turnips, ctc. 46 cents ( 60 cents; 54 cents) Por ton: Hay and Clover $\$ 10.41$ ( $\$ 12.13$; $\$ 11.58$ ); Erain hay $\$ 1 C .11(\$ 1 C .11 ; \$ 8.50)$; alfalfa $\$ 12.03(\$ 13.30: \$ 12.54)$; fodder corn $\$ 4.47(\$ 4.88 ; \$ 4.75)$ : sugar beets $\$ 7.79$ ( $\$ 6.45 ; \$ 6.58$ ).

The total values of field crops are estimated as follows, the corresponding values for 1926 and for the five-year average being given within brackets: Wheat $\$ 439,340,000(\$ 442,221,000 ; \$ 381,346,580)$; oats $\$ 225,879,000(\$ 184,098,000 ; \$ 184,453,800)$ barloy $\$ 64,193,000(\$ 52,059,000 ; \$ 45,147,820)$; rye $\$ 12,255,500(\$ 9,430,600 ; \$ 12,040,040)$; peas $\$ 4,958,800(\$ 4,609,500: \$ 5,341,500)$; beans $\$ 2,408,300(\$ 3,060,000 ; \$ 3,346,060)$; buck pir.eat $\$ 9,727,000(\$ 8,598,000 ; \$ 8,808,820)$; mixed grains $\$ 27,001,000(\$ 22,365,000$; $\$ 20,119,680)$; flaxseed $\$ 7.562,000(\$ 9,688,000 ; \$ 12,272,320)$; corn for hubking $\$ 4,212,000$ ( $\$ 7,780,000$; $\$ 11,184,280$ ); pctatoes $\$ 54,341,000(\$ 69,204,000 ; \$ 61,347,540$ );
; turnips, mangolds, otc. $\$ 17,282,000(\$ 20,497,000 ; \$ 20,983,500)$; hay and clover $\$ 180,835,000(\$ 170,473,000 ; \$ 169,755,680)$; grain hay $\$ 39,359,000(\$ 46,154,000$; $\$ 34,259,560$ ); fodder corn $\$ 15,849,000(\$ 21,926,000 ; \$ 24,803,940)$; sugar bects $\$ 3,044,000$ ( $\$ 3,386,000 ; \$ 2,267,980)$. alfalfa $\$ 25,946,000(\$ 27,414,000 ; \$ 16,889,560)$.

The aggregate value of all field crops in 1927 is $\$ 1,134,192,600$, as compared with $\$ 1,104,983,100$ in 1926, and $\$ 1,098,303,938$ in 1925 . Their total area amounts to $56,172,310$ acres, as compared mith $56,097,836$ acres in 1926 and 53,108,145 seres in 1925.

## CaNADIAN WOOL CROP OF 1927.

The total production of wool by Canade in 1927 is estimated at 18,672,766 1 b. . as comparod with $17,959,896 \mathrm{lb}$. in 1926 . The value of the clip of 1927 is cstimatod provisicnally at $\$ 3,734,000$, as compared with $\$ 4,131,000$, the value of the clip in 1926. By provinces the mool clip for 1927 is as folloms: Prince Edvard Island $513,882 \mathrm{lb}$.; Nova Scotia, $1,480,541 \mathrm{lb}$.; Nem Brunsmick $873,724 \mathrm{lb}$.; Quebec $4,956,418$ 1b.; Ontario $5,326,651 \mathrm{lb}$.; Manitoha $765,609 \mathrm{lb}$.; Saskatcheman $987,458 \mathrm{lb}$; Alberta $3,033,161 \mathrm{lb}$.; British Columbia 717,892 1b.; Indian Reserves 17,410 lb .

| Crons | Aren. | $\begin{aligned} & \text { Yiold } \\ & \text { por } \\ & \text { Acre } \\ & \hline \end{aligned}$ | Tots 1 Yicld | $\begin{gathered} \text { Toiglt } \\ \text { por } \\ \text { Mcasured } \\ \text { bushel } \\ \hline \end{gathered}$ | Avcr- <br> cge <br> orico | Tot l V lue |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cinhid - | Acros | Bush. | Bush. | Lb. | \$ $\dagger$ | \$ |
| Fill Wheat | 353,253 | 26.1 | 22,266,000 | 50.96 | 1.24 |  |
| Soring whoet | 21,606, 396 | 19.3 | 417,755,700 | 50.74 | 1.24 0.99 | 27,544,000 |
| Oils wheet | 22,460,154 | 19.5 | 440,024,700 | 50.75 | 1.00 | 439, 340,000 |
| Borloy | $13,239,963$ $3,505,713$ | 33.2 27.7 | 439,712,700 | 33.76 | 0.51 | 225, 379,000 |
| Foll rye | 565,372 | 20.4 | 96,93,.000 | 47.20 | 0.66 | 64,193,000 |
| Surirg rye | 174,979 | 19.3 | $11,574,000$ $3,376,600$ | 55.3 | 0.81 | 9,369,000 |
| All rye | 743.311 | 20.1 | 14,950,600 | 55.0 | 0.35 | 2, 6,500 |
| Pres | 150,300 | 13.5 | 2,794,900 | 59.0 | 0. 31 | 12,255,500 |
| Beains | 66,775 | 15.5 | 2,194,900 | 59.06 | 1.76 | 4,953, 000 |
| Buckwheat | 471,333 | 23.1 | 10,897.300 | 59.00 | 2.32 | 2, 408,300 |
| Mired grains | 1,004,507 | 37.5 | 10,890,000 | 47.43 | 0.89 | 9,727,000 |
| Flaxseed | -475,852 | 10.3 | 37,621,500 | 42.53 | 0.72 | 27,001,000 |
| Corn for husking | 131, 526 | 32.4 | 4,884,600 | 55.42 | 1.55 | 7,562,000 |
| Potatoes | 572,373 | cwi. ${ }^{\text {t. }}$ | 46,45\%t.00 |  | per 0.9 | 4,212,000 |
| Turnips, etc. | 197,177 | 188.9 | 37,248,000 | - | 1.17 0.46 | 54,341,000 |
| Hay and clover |  | tons | tons |  | per ton | 28,000 |
| Alfalfa | .2:6,895 | 1.70 | 17,370,000 | - | 10.41 | 180,525,000 |
| Foider corn | 471,569 | 2.37 | 2,157,300 | - | 12.03 | 25,945,000 |
| Sugar beets | 44,103 | 7.52 8.87 | 3.547.500 | - | 4.47 | 15.849,000 |
| Grain bey | 1,560,845 | 8.87 2.49 | 391,000 $3,893,000$ | - | 7.79 | 3.04, 0000 |
| Totel | 56,172,310 | 2.49 | ,893,000 |  | 10.11 | 39,359,000 |
| PRINCE EDHARD ISLAND $1,134,192,60$ |  |  |  |  |  |  |
| Soring whent | 29.381 | 14.4 | 424,000 |  |  |  |
| Outs | .162,001 | 27.2 | 4,412,000 | 55.97 | 1.47 | 623,000 |
| Barley | 5,081 | 24.0 | -122,000 | 32.21 | 0.62 | 2,735,000 |
| Feas | 143 | 27.5 | 122,000 | 40.79 | 0.90 | 110,000 |
| Buckwher.t | 2,865 | 29.3 | 34,900 | 60.00 | 1.75 | 6,800 |
| Yixed greins | 21,586 | 31.3 | 64,000 | 48.0 | 1.11 | 93,000 |
|  |  | 1.3 | 676,000 | 40.80 | 0.77 | 521,000 |
| Pot-toes | 48,800 | co. 5 | cwt. |  | per cwt. |  |
| Turnips, etc. | 10,530 | 243.3 | 4,418,000 | - | 0.98 | 4,370,000 |
|  |  | tons | 0 | - | 0.42 | 1,076,000 |
| Fodder cornTotali.CVA Scotia |  |  | tons |  | $\begin{array}{r} 10.50 \\ 4.00 \end{array}$ | $\begin{array}{r} 3,906,000 \\ 20,000 \end{array}$ |
|  |  | $\begin{aligned} & 1.47 \\ & 9.33 \end{aligned}$ | $\begin{array}{r} 372,000 \\ 5,000 \end{array}$ | - |  |  |
|  |  |  |  |  |  |  |
| $\frac{\text { I. VA SCOTIA }}{\text { Spring whe }}$ |  | bush. | bush. |  | per bush. | 13,420,800 |
| Spring whe $t$ onts | $6.996$ | 18.1 |  |  |  |  |
| Onts Burley | 111,534 | 37.4 | 126,700 | 58.69 |  | 1.40 | 177.000 |
| Burley | 7.718 | 27.3 | 3.727.700 | 33.45 | 0.85 | 3.169,000 |
| Soring rye | 126 | 13.0 | 211,000 | 8.5 | 1.23 | 260,000 |
| Pens | 652 | 16.7 | 1.60 | 50.00 | 1.50 | 2,000 |
| Feans | 2.023 | 13.4 | 11,000 | 59.07 | 3.25 | 36,000 |
| Buckwheat | 7,109 | 21.1 | 27,200 | 58.86 | 3.94 | 107,000 |
| Uixed grains | 4,262 | 72.3 | 137,500 | 47.06 | 1.39 | 209,000 |
|  |  | - | 137,500 | 45.09 | 1.10 | 151,000 |
| Potatoes Turnijs, etc. | $\begin{aligned} & 31,628 \\ & 15,299 \end{aligned}$ | 193.8 | , $68 \mathrm{~cm}^{\mathrm{m}}$. | - | $1.00$ | $\begin{aligned} & 2,680,000 \\ & 1,308,000 \end{aligned}$ |
|  |  |  | $\begin{array}{r} 2,680,000 \\ 2,041,000 \end{array}$ |  |  |  |
|  |  | tons |  |  | 0.45 |  |
| Fodder corn | 513.724 |  |  |  | per ton | $\begin{array}{r} 10,400,000 \\ 78,000 \end{array}$ |
|  | 1,056 | 9.00 | 9,500 |  | $\begin{array}{r} 13.00 \\ 4.00 \end{array}$ |  |
| Total | 702,127 |  |  |  |  |  |
| Wht Fillismick |  |  |  |  |  | 18,597,000 |
| Srins wheit 0.371 |  |  |  |  |  |  |
| Oets | 203,576 | 25.7 | 142,000 | 00.15 | 1.63 | 231,000 |
| Berley | -0, 287 | 22.1 | 5,227,000 | 33.47 | 0.97 | 4,025,000 |
| Spring rye | , 359 | 20.0 | 147,000 | 50.50 | 1.04 | 152,000 |
| Pens | 1,192 | 18.3 | 7,000 | 56.00 | 1.50 | 10,500 |
| Be Cos | ,145 | 14.5 | 22,000 | 51.33 | 2.25 | 50,000 |
|  |  |  | 2, 000 | 00.30 | 4.60 | 97,000 |



Tot 1
$5,96,9,3$


