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## AYNIET KEL CHF ON TTBTD CRCIS UF CANADA, 1922.

Ottawe January 19,1923. The Dominion Bureau of Statistics issusc to-day its finel aimval report $0 \%$ the area, yield, quality and value of the field crope of Caneda for the yea: 192?. The statistice of area and the eetirates of yield and vaine have been collected and cetablished in cooperation and agregment with the Provincial Departrients of Agriculture and, for quebes, wi th the Quobec Bureau of Staijstics, in accordance with plans follcwer annually since 1918. The total erea inder field crops in 192 was $57,200,681$ acres, as against $59,635,346$ acres in 1521.

## AFFAB AND YTETDS OR CRAIN CROPS

The total yiela of wheat in Canada for the year 292 ? is now finally eetimated at $599,786,400$ busiels Ir om area of 22,42?,693 acres, es compreed with $300,858,100$ brshols from 23,261,224 acree in 2921 and with $236,025,200$ btishele from $18,545,868$ acres, the annual Everage for the five vears 1977-21. The tutal for 1922 consists of is, 950,000 wushels from 992,559 harvested acres of fall wheat and of $380,850,400$ bushols irom 27,530, 124 cown acres of spring wheat. The total wheat crop of $399,786,400$ bushels. as now finally estimatod, is the largest on record for canada, and comparea with 353,542,600 bushels, the provioue record cion of 1915. The average yield per acre of all whest for 1922 worles out at $17{ }^{3}$ bushels, as compared wi th 13 bushels in 1921 , with $12 \frac{5}{4}$ buhels ine five year average, and with 26 bushels the recora for 1915 . For lall whea: the average yield per acre in 1922 is $21 \frac{1}{4}$ bushale, as against $21 \frac{1}{2}$ buenels in 1921 and $22 \frac{1}{4}$ bushels the five year avarage. For spring wheat the 1922 average is $17 \frac{2}{4}$ unshels, as compred $\because i t h 12 \frac{3}{4}$ pushels in 1421 and $12 \frac{1}{4}$ bushels, the five year Everage. Oats ji cldea in 122? the total of 491, 239,000 bushels from 14,541, i2? aures, as compare with 426, 232,900 bushels from 16,949.029 acres in 1921. with 530,709,700 bushels from $15,849,928$ acres, the record brop of 1920 and win th $436,130,380$ bushels from 15,170,961 acree, the annal average for the five years 1917-21. The average yield per acre is for 192233 bushels, as ggeinst $25 \frac{1}{4}$ bushels in 1921 and $28 \frac{3}{4}$ bushels, the five vear average. Barley yielded a total of $71,865,300$ wushela from $2,599,520$ acres, as compared with 59,709,100 bushels from 2,795,665 acres in 1921 and with $62,350,808$ bushels from $2,707,801$ acres, the five vear average. The averge yields per acre were 27s bushels in 192?, 2l $\frac{\pi}{4}$ bushels in 1921 End 23 nushels, the five year average. Fiaxseed gave a total yield of $5,008,500$ businels from 565,479 acres, as compart 0 with $4,111,800$ vuanels from 533,147 acres in 2921 ara with $5,914,480$ bushols from 1,008,409 acres, the five year averuge. The yield per acre was 8.85 bighels in 1922, $7 \frac{3}{4}$ bushols in 1921 and 5.85 bushels, the average. For the remaining cereal crops the totolyields for ig2? mere in bushcle as follows, the corresponding totels for 1921 and for the five jer aver ge jeing shown within brackets: Rye $32,373.400$ (21.455.260; $11,066,132)$ : peas $3,428,600(2,769,981 ; 5,408,824)$; beans 1, 303,300 $(1,089,900 ; 1,726,236) ;$ huckwheat $9,701,200(8,230,100 ; 9,260,100)$ : mixed grains $27,707,700(22,271,500: 26,872,656)$; and corn for husking
$13,798,000(14,904,000 ; 13,629,440):$

## ROUT AND FCDUEF OPROPS

Expressec in centals of ion lb, the yield of potatoes in 1922 was $55,745,300$ from 683,594 acres, as compared witn 64,407,600 centals from 701,912 acres in 1521, and with $66,118,860$ centals from 739,474 acres, the İve year average. The yield per acre of 1922 , Vir. 81音 centals, compres with 913 centals in 1921 and $w$ ith $89 \frac{1}{2}$, centals, the five jear areragg. Trimips, mangolds, etc., produced a total of $43,973,500$ centals from $224,2 \overline{6}$ acres in 1922, as against $39,575,150$ contels from $2 ? 7,675$ acres in 1921 and with 49, 398,040 centals from 275,705 acres, the five year average. The yield per acre
 with 179 centals tize avercge. Sugar beets produces 190,400 tons
from 20,725 acres in 2922 , as against 268,000 tons from 28,367 acres in 1921 and 243,600 tons from 24,231 acres, the average. The yield per acro wos in 19229.20 tons, in 19219.45 tons and for the average io tons. Of hay and clover the total yield was in 1922 14, 488, 200 cons from $10,001,667$ acres, as compared with $11,366,100$ tons from $10,614,951$ cores in 1921 and with $13,901,960$ tons from $10,071,857$ acres, the avcrage. The yield per acre was 1.45 ton in 192?, 1.04 torl in 1921 and 1.40 ton, the average. Grain hay in Alberta and British Columbie gave a total yield in 1922 of $1,624,100$ tons, as compared with $1,288,976$ tons in 1921. Of alfalfa, the total yield in 1922 was $306,400^{\circ}$ tons from 305,933 acres, as compareत with 622,200 tons from 263,892, acres, and with 489,798 tons from 207,114 acres, the five year average. The yield per acre was 2.65 tons in 1922, $2 \frac{1}{2}$ tons in 1921 anc. 2.35 tons the Everage for the five years. Fodaer corn yielded $5,879,000$ tons from 654,624 acres in 1922, as against 6,361,600 tons from 585,395 acres in 1921 and with $4,884,796$ tons from 510,946 acres, the average. The yield per acre in l922 was 9 tons, as against $10 \frac{3}{4}$ tons in 1921 and $9 \frac{1}{2}$ tons the five year average.

GRAIN YIFIDS OF THE FRAIRIE PROVIMCES.
The total yields in the three Prairie Provinces (Manitoba, Saskatchewan and Alberta) are finally estimated as follows: Wheat $375,194,000$ bushels from 21,223,448 acres, as comparec with $280,098,000$ bushels from 22,181,329 acres in 1921; oats 289,660,000 bushels from $8,564,212$ acres, as comparec with $284,147,500$ busheis from $10,819,641$ acres in 1921; barley 53,612,000 bushels from 1,983,292 acres, as compared with $44,681,600$ bushels from 2,109,065 acres in 1921: rye $29,429,000$ bushels from 1,926,117 acres, as compared with 19,109,700 bushels from 1,688,228 acres in 1921; and flaxseed 4,901,700'bushels from 555,043 acres, as co pared with $3,945,700$ busheis from 516,972 acres in 1921.

## QUALT TY UF GRAIN CROPS.

The average weights in ib. per measured bushel for all Canada are as follows, the averages for 1921 and for the five years 1917-21 being given within brackets: Fall wheat 59.91 (58.77; 60.13) ; spring wheat $60.31(58.10 ; 58.77)$ : all wheat $60.24(58.11 ; 59.10)$; oats 35.68 (32.97; 34.38); barley 47.66 (46.05; 46.84); rye 55.71 (55.06; 54.93); peas $60.08(59.42 ; 59.84)$; beans $59.39(59.30 ; 59.48)$; buckwheat 47.80 ( $47.35 ; 47.29$ ); mixed grains 44.33 (41.62; 44.38): flaxseed 55.04 $(54.34 ; 54.54)$; corn for husking $55.45(55.56 ; 55.54)$. The excellent quality of the principal cereals, wheat, oats, barley and rye is shown by the fact that the weights per measured bushel are well abole both those of 1921 and of the five year average. For all the other crops except corn for husking, the average weights per measured bushel are also above those of 1921 and are in nearly every case above the five year average as well.

## VA LUES OF FIELD CROYS

The average prices per unit, as roceived by farmers in 1922, are estimated from the reports of crop correspondents for all Canada as follows, the corresponaing prices for 1921 and for the five year average i9i7-21 being given within brackets: Per bushel: Fall wheat \$1.01 ( $\$ 1.02$; $\$ 1.89$ ); spring wheat 84 cents ( 80 cents; \$1.65); all Wheat 85 cents ( 81 cents; $\$ 1.66$ ); oats 38 cents $(34 ; 62)$; barley 46 cents ( $47 ; 92$ ); rye 58 cents (72; \$1.15); vess $\$ 1.79(\$ 1.96 ; 42.78)$; beans $\$ 2.85$ (\$2.90; \$5.02); buckwheat 81 cents ( 89 ; \$1.36); mi xed
 husking 83 cents ( $83 ; \$ 1.32$ ) ; Per cental: potatoes 90 cents ( $\$ 1.28$; WI. 55 ); tumis mangolds, etc. 54 cents ( $67 ; 86$ ). Per ton: hay and clover $\$ 13.46$ ( $\$ 23.56$; \$19.24); alfalfa \$12.77 (\$19.95; \$19.27) : fodder corn $\$ 4.97$ ( $\$ 7.05 ; \$ 6.80)$; grain hay $\$ 12.88(\$ 10,1921)$; sugar beets $7.88(\$ 3.50$ : \$10.07).

## The total values of field orops in 1922 are estimated as

 follove, the corresponding values for 1921 and for the five year aver१ge 1917-21 being given within brackets: Wheat \$339, 419,000 $(4242,936,000 ; \$ 22,546,320)$; oats \$185,455,000 (\$146,395,300; \$270, 406,080): barley $\$ 33,335,300(\$ 28,254, i 50 ;(57,487,784)$; rye \$18, $703,200(\$ 15,399,300 ; \$ 12,744,150)$; peas $\$ 6,141,290(35,439,400$; $\$ 9,467,240)$; beans $\$ 3,713,800(\$ 3,155,800 ; \$ 8,613,200)$; buckwheat-     - 

$\$ 8,140,800(\$ 7,285,700 ; \$ 12,618,220)$; mixed grains \$16,500,700
( $\$ 13,901,220 ; \$ 28,058,214$ ); flaxset $\$ 8,638,900(35,938,400$;
 potatoes $\$ 50,320.000(922,147,600 ;$ \# $102,770,950$ ); tumips, mangolds. etc. \$23, 886,000 (\$20,620,100; 42,259,360; ; hay and clover
\%194,950,000 ( $\$ 267,764,200 ; \$ 257,459,520)$; grain hay ${ }^{4} 20,910,000$ (\$14, 476, 000 in 1921): alfalfa \$10,295,000 (\$13,211, 000; '\$9, 780,740 ); fodder corn $\$ 29,197,600$ (\$44, 880,800; \$33,20\%,060); sugar beets $\$ 1,500,000(\$ 1,742,000 ; \$ 2,453,100)$. The aggregate value of all field crons in 1922 is $\$ 962,616,200$, as comared with \$931, 863,670 in 1921.

Area. Yield, Zuality and Value of Field Crops in Canada, 1922.



| IPBC | acres | bush. | busi. | b. | h. | \$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Swring wheat <br> Oats <br> Barley <br> Rye <br> Peas <br> Beans <br> Buckwheat <br> Mjxed grains <br> Flaxseed <br> Corn, husking | 145,047 | 15.75 | 2,286,000 | 59.39 |  | 1,000 |
|  | 252,016 | 27.75 | 62,281,000 | 36.25 | 62 | 38,614,000 |
|  | 155,578 | 22.75 | 3,549,000 | 46.80 | . 92 | 3,277,000 |
|  | 18,736 | 15.50 | 288,500 | 53.10 | 1.26 | 364,400 |
|  | 64,096 | 14.25 | 914,000 | 60.03 | 2.74 | 2,506,000 |
|  | 29,812 | 17.00 | 505,500 | 58.77 | 3.15 | 1,592,000 |
|  | 167,185 | 22.50 | 3,760,000 | 46.20 | . 94 | 3,547,000 |
|  | 139,697 | 26.75 | 3,744,000 | 43.32 | . 79 | 2,957,000 |
|  | 5,880 | 10.00 | 58,200 | 52.46 | 2.75 | 160,200 |
|  | 53,379 | 28.00 | 1,492,000 | 53.72 | 1.28 | 1,911,000 |
| Potatoes Turnips, etc. |  | entais | centa?s |  |  |  |
|  | 206,254 | 82.35 | 16,983,000 |  | 1.08 | 18,342,000 |
|  | 48,812 | 158.15 | 7,719,000 | - | 86 | 6,638,000 |
|  |  | tons | tons |  | per ton |  |
| Hay \& clover Alfalfa | 3,998,036 | 1.35 | 5,397,000 | - | 14.00 | $75,558,000$ |
|  | 30,200 | 1.50 | 45,300 |  | 11.50 | 521,000 |
| Fodder com ONTARIO - | 120,592 | 7.25 | 874,000 | - | 6.50 | 5,681,000 |
|  |  | bush. |  |  | per bus |  |
| Fall wheat | 813,935 | 21.90 | 17,793,000 | 59.89 | 1.01 | 18,031,000 |
| Spring wheat | 124,206 | 16.90 | 2,100,000 | 58.81 | 1.00 | 2,100,000 |
|  | 938,141 | 21.25 | 19,893,000 | 59.44 | 1.01 | 20,131,000 |
| Oats | 3,034,090 | 38.20 | 116,034,000 | 34.48 | . 40 | 46,404,000 |
| Barley | 433,922 | 32.20 | 13,972,000 | 47.73 | . 57 | 7,932,000 |
| RyePeas | 152,709 | 16.40 | 2,500,000 | 56.13 | . 76 | 1,900,000 |
|  | 105,544 | 19.70 | 2,077,000 | 59.81 | 1.40 | 2,907,000 |
| Beans | 39,999 | 15.60 | 623,000 | 59.13 | 2.48 | 1,545,000 |
| Buckwheat | 197,812 | 21.60 | 4,266,000 | 47.62 | 170 | 2,993,000 |
| Flaxseed | 4,556 | 10.70 | 4 48,600 | 49.75 | . 98 | 47,700 |
| Mixed grains | 552,399 | 38.50 | 21,270,000 | 44.38 | . 58 | 12,255,000 |
| Corn, husking | 265,018 | 46.50 | 12,306,000 | 56.07 | . 78 |  |
|  |  | entals | centals |  | er cent |  |
| Potatoes | 172,858 | 70.65 | 12,210,000 | - | . 90 | 10,989,000 |
| Turnips, etc. | 105,083 | 222.60 | 23,318,000 | - | . 38 | 8,885,000 |
| Hay \& clover 3,575,662 |  | tons | tons |  | per ton |  |
|  |  | 1.56 | 5,568,000 | - | 12.40 | 69.049.000 |
| Alfalfa 221,526 |  | 2.8 | 629,100 |  | 11.55 | 7,266,000 |
| Suger beets | 438,819 20,725 | 10.06 | 4,413,0ก0 |  | 4.35 | 19,197.000 |
| MANITOBA - |  | bush. | 150,400 |  | 7.88 | 1,500,000 |
| $\begin{aligned} & \text { Spring wheat } \\ & \text { Oats } \\ & \text { Barley } \end{aligned}$ | 3,125,556 | 19,25 | 60,051,000 | 60.52 | . 83 | 49,842,000 |
|  | 1,851,608 | 40.25 | 74,433,000 | 36.04 | .31 | 23,074,000 |
|  | 968,783 | 29.75 | 28,863,000 | 47.54 | . 41 | 11,834,000 |
| Rye | 421,603 | 16.75 | 7,078,000 | 55.19 | . 61 | 4,318,000 |
| Peas | 11,000 | 23.50 | 258,500 | 58.00 | 1.25 | 323,000 |
| Mixed grains | 13,503 | 30.00 | 405,000 | 48.00 | . 38 | 154,000 |
| Flaxseed | 66,680 | 11.00 | 734,000 | 55.54 | 1.80 | 1,321,000 |
| Potatoes |  | entals | centals |  | ntal |  |
|  | 38,798 | 96.00 | 3,725,000 | - | .47 | 1,751,000 |
| Turnips, etc. | , | 145.25 | 673,000 | - | . 56 | -377,000 |
|  |  | tons | tons |  | per ton |  |
| Hay \& clover | 222,617 | 1.75 | 394.000 | - | 10.00 | 3,940,000 |
|  | 4,609 | 2.60 | 12,200 |  | 14.00 | ,171,000 |
| Foder corn | 28,853 | 7.50 | 216,000 | - | 6.00 | 1,296,000 |
| SASKA TCHEW:N |  | bush. | bush. |  |  |  |
| Spring wheat $12,332,297$ |  | 20.25 | 250,167,000 | 61.50 | . 8521 | 12,642,000 |
| Oats | 5,098,104 | 35.25 | 179,708,000 | 35.93 | . 29 | 52,115,000 |
| Barley 636,456 |  | 29.00 | 18,511,000 | 47.97 | . 38 | 6,,971,600 |
| Rye | 900,931 | 18.00 | 16,164,000 | 56.23 | . 53 | 8,567,000 |
| Beans | 2,302 | 22.50 | 51,800 | 60.60 | 2.00 | 103,600 |
|  | 2,199 | 12.75 | 28,000 | 60.00 | 2.50 | 70,000 |
| Mixed grains | 29,425 | 29.25 | 861,000 | 45.00 | . 30 | 258,000 |
| Flaxseed | 466,177 | 8.75 | 4,079,000 | 55.94 | 1.71 | 6,975,000 |
|  |  | entals | centals |  | per cental |  |
| Potetoes ${ }_{\text {Turnirs, ete. }}$ | 55,600 | 72.25 | 4,012,000 | - | . 80 | 3,210,000 |
|  | 8,666 | 112.25 | 973.000 |  | . 98 | 953,000 |
|  |  | tens | tons |  | , |  |
| Hay \& clover Alfalfa | 255,024 | 1.40 | 360,400 | - | 8.00 |  |
|  | , 341 | 1.85 | 13,600 |  | 12.50 | 170.000 |
| Fodder corn | 38,645 | 4.85 | 187,000 | - | 7.00 | 1,309,000 |


| AJBIRTA - $0^{(2)}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fall wheat | 64,554 | 13.00 | 839,000 | 60.50 | . 77 | 646,000 |
| Nrrins wheat | 5,701,041 | 17.25 | $\begin{aligned} & 64,1.37,000 \\ & 64,975,000 \end{aligned}$ | 60.58 | - 7749 | 49,385,000 |
| All Wheat | 5,755,595 | 11.25 |  | 60.58 | 3.7750 | 50,031,000 |
| Oats | 1,614,500 | 22.00 | $\begin{aligned} & 64,975,000 \\ & 35,519,000 \end{aligned}$ | 36.0746.99 | 1.5512 | 2,432,000 |
| Barles | 378.053 | 15.50 | $6,258,000$ |  | . 42 | 2,620,000 |
| Rye | 603,583 | 10.25 | 6,181,000 | 55.73 | . 55 | 3,403,000 |
| Pens | 1;591 | 12.60 | -18,500 | 60.00 | 2.00 | -37,000 |
| Beans | -100 | 24.25 | ?, 8 , | 60.70 | 2.00 | 2,800 |
| Ilixed grains | 14,314 | 25.50 | 370,000 | 4.4 .5054.79 | - 40 | 148,000 |
| Flaxseed | 2?,196 | $\therefore 00$ | 33:700 |  | 1.52 | $135,000$ |
|  |  | enue la | $\begin{array}{r} \text { c3ntalg } \\ 2,791,000 \end{array}$ |  |  |  |
| Pots toes | 42,502 | 55.75 |  |  | $.83 \quad 2,317,000$ |  |
| Turnies, et | 9.288 | 36.75 | 806, 000 |  | . 60 | 484,000 |
|  |  | tuns | tois |  | per ton |  |
| Hay po clover | 297.795 | . 80 | 231,400 | - | 16.00 | 3.750,000 |
| Alfalfe | 26,559 | ᄃ. 20 | 53,400 | - | 15.00 | 876,000 |
| Fodder corn | 15,548 | 5.25 | 8¢, 200 | - | 5.00 | 411,000 |
| Gra in hay | 1,220,000 | 1.25 | 1,525,000 | - | 12.0018 | 18,300,000 |
| BRIMISY COIU |  | bush. | - bush. |  | Der bush |  |
| Trall wheet | 14,080 | 2.30 | 324.000 | 60.00 | ) 1.18 | 382.000 |
| Srring wheat | 32,324 | 22.00 | 7.11:000 | 61.17 | 1.24 | 882,000 |
| All whoat | 46,404 | 22.25 | 1,035,000 | 60.70 | 1.22 | 2,264,000 |
| Oats | 57.513 | 40.75 | 2,516,000 | 37.11 | - 62 | ,560,000 |
| Barley | 7.306 | 29.25 | 274:000 | 48.78 | . 91 | 195,000 |
| Rye | 6,982 | 20.00 | 110,000 | 55.50 | -.95 | 133,000 |
| Peas | 2,274 | 25.75 | 57.000 | 60.00 | 2.08 | 119,000 |
| Beans | 1,122 | 20.00 | 22, 400 | 60.00 | 2.40 | 54,000 |
| Mixed grains | 5,009 | 31.00 | 153.000 | 45.00 | - 70 | 109,000 |
|  |  | encal.s | centals |  | or cental |  |
| Potrito es | 19.187 | 120.00 | 2,3.j2, 500 |  | $1.17$ |  |
| Turni.s, etc | $7,347$ | 200.00 | 1,469,000 | - | . 76 | $1,116,000$ |
|  |  | tors | tcres |  | rer ton |  |
| Hay \& clovex Alfalfa | 141,413 | 1.65 | 253,000 | - | 27.25 | 6,349,000 |
| Fodier comn | \%15 | 2.00 | 47,800 | - | 27.00 | 291,000 |
| Grein hay | 56, 626 | 1.75 | -9,.100 | - | 15.00 26.34 | 2,619,000 |

