ITEMS FOR AND ABOUT THE FARMER



YIELD OF CHEESE SHOWS DECREASE

Advanced Summary Based on Reports From Twenty-Eight Instructors.

PROSPECTS FOR SEASON

Increased Acreage of Grain and Fodder Foreshadows Greater Production.

The dairy branch of the Ontario Deof Agriculture will shortly a statement of dairy conditions on reports received from the various dairy instructors thruout the province some 28 in number. Thru he kindness of Mr. George A. Putnam. ntendent, The World is able to ive its readers the following advance

W. H. Dennis, Burgessville, bought recently, one hundred and one hogs, of which Harry Armstrong The questions answered in the various reports deal with the comparison in quantity and quality of cheese as mpared to the same period last year, cospects of the yield for 1917, condimon of seeding and the meadows, and supply of labor. The following is summary of the reports to date:

Cheese—Six instructors report gains in the production of cheese in their steers that averaged 1,415 pounds each. This is the finest lot of cattle that has shipped from here for years. The

or a decrease varying from to twenty-five per cent. Quality pects - With the increased prospects — With the find and specific and s onally good prospects for their

by them in the past year.

John Brown and Son, Galt, shipped, ricts for this time of year.

seding—An increased acreage is ton and a carload from Baden to the Toronto Stockyards. These cattle ts for this time of year. the Toronto Stockyards. These cattle seds in the very best of condition. Fall were purchased at from 10 to 111/2

for a good hay crop.

Labor—In most districts farm labor is scarce, but everybody is working a scarce, but everybody is working the face of the scarce of th

An extract from one of the most in-tresting letters follows. It is from the Chesterville dairy instructor. "I The Mulmur council, at its last meetalso received the leaflets on care ing, paid out for 11 sheep killed by mik and will distribute them as I dogs, the sum of \$235, and \$9 to valubest. I might inform you that Maple Leaf condensed milk plant dogs, owned at Kilgorie, were respons-

diseases

ansules

men. Urin-

t, Toronta

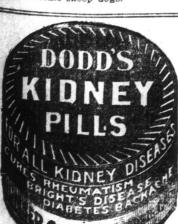
isions here

LAMBING IN LINCOLN FLOCKS.

is pleasing to be able to report y satisfactory lambing season Lincoln longwool flocks, Dried malt culm and bran were reasonable in price during the winter, and ited with some excellent hay of the ewes in fairly good condition. rts from many of the largest lers of Lincoln longwools in the e counties of Lincoln, Nottingham, Tork, Leicester and Derby state that ambs arrived strong and healthy, tho complain that ewes have been One flockmaster rea wonderful fall, there having ver one-third of his ewes with triplets, while he had more than a pair of lambs for each ewe. The toal of the ewes in the reports humbered 68,912, owned by 37 breeders. Of the total of ewes 29,150 dropped or triplets and 39.762 single This gives an aggregate of 98,062 lambs, which must be regarded remarkably good. What is more, the mortality among ewes is below the average, tho slightly higher than last

MILK FOR CHEESE Would Goat-Raising Prove Profitable In Ontario?

Goat farms are being projected as a way to utilize vast areas of free grazing lands along railroads in Arkansas, states The Cristian Science Monitor. Goats thrive on the undergrowth in Arkansas forests and their raising presents several distinct drantages. In the first place, goat meat it fully as good as mutton and there is an unimited demand for goat lambs in the city markets. In the second place, the state produce a fine, rich quality of milk, which is especially valuable for cheese. Charles A. Chambers, a railroad industrial goal of the second place, the session of the second place, the state of the second place, the state of the second place, the session of the second place, the second place of cheese. The second place of the second p perhaps 100 acres of cleared perhaps 100 acres of cleared per of the free grazing ranges that per winter feed- of the railroads to grow winter feed-



NEWS OF OUR READERS SOLDIER FARMERS

Mrs. Wm. Loveless, of Ellesmere, and son are examples of the progressive 45 white Wyandottes and a number of the parmer, having their motor truck with Runner ducks. She and the children which to bring their produce to martake a great interest in the position of the progressive form of the prog chicks. Mr. Wm. Loveless has al-ready built up a nice herd of Hol-steins, some twenty head, besides a few other cattle. He has been shipping time. Mr. Proctor realized top market few other cattle. He has been shipping between four to six cars of milk per day, and two weeks ago, installed a Burrells, Lawrence & Kennedy milking machine. He has two units, and price which netted between \$4000 and Many farmers have been trusting to

vour over the lack of growth. Two re-

wheat, and are now considering plow-

buckwheat. Potatoes have made but

little growth, according to Mrs. Thompson. Pehaps the sun, which

is becoming more reasonable, will put a different look on things gener-

brought in sixty-five, weighing 1,210 pounds, receiving a fine cheque,

Orval Drewey claimed of the White-

being a good average crop of apples this year. The blossom is developing

well and is not too heavy. On account

of last year's yield being so poor the

chances are that a good crop of ap-

Richmond Hill grain crops were com-

are for a good average crop from this

ples will be secured this year. Last week in the neighborhood of

Splendid Example of the

What did your best cow earn for you

herd near Oxford Mills, Ont., that milk-ed from March 30, 1916, to Jan. 30, 1917, gave 263.9 lbs. fat, which at 45 cents

PRICES HIGHER ON MARKET.

Special to The Toronto World.
Chatham, June 24.—Chatham citi-

tens are indignant at the high prices

which are being demanded on the lo-

cal market, and which exceed prices

local stores. Fatter was sold

the market Saturday from 35 to

and eggs at thirty cents.

district.

ing again with the tractor, and seeding

weather conditions to the last chance to bring along the winter wheat, and they are working fine, though he intends getting a smaller gas engine, as the four horse power one, which he at last found it necessary to sow other grain to get a crop. There appears to be an increased now has, is too powerful and expensive for the purpose.

Near Lansing, some of the farmers have, apparently, been somewhat neracreage for corn this year and the majority of farmers have their crop planted. Corn for ensilage was plant-

> **CURRENT PUBLICATIONS** VALUABLE TO FARMERS

yet there was a fair crop

ed as late as June 20 last year, and

Review of Interesting Features Contained in Catalogs and Bulletins Recently Issued.

On Wednesday a successful sale was held at Oakville. Col. Long was the auctioneer, and the bidders were somewhat slow in getting started, fair prices were realized and some excellent Helsteins changed owners. Consignors were Gordon S. Gooderham, J. Alex. Wallace, R. M. Holtby, Anthony Gies and Major E. F. Osler.

E. F. Osler.

Practor Plows.

In these days of labor saving devices the book, "Horseless Plowing," will naturally be read with interest. The World has not yet seen a better illustrated catalog than this. The photographs show various plows and disk harrows working the ground behind large and small tractors, and the construction of each device is described. Address the Cockshutt Plow Co., Limited, Brantford, 10th copies. been shipped from here for years. The Victoria Farmers' Club shipped from Thornbury, last Tuesday, three carloads of stock. The volume of business transacted by this progressive organization is rapidly increasing

The June fruit report is now printed and copies can be had from Donald Johnson, fruit commissioner, Ottawa. This Dominion Government review is issued monthly and will be mailed regularly to any interested party who sends in his request.

Some interesting statements are made

the Toronto Stockyards. These cattle sense in the very best of condition, Fall sat generally was injured and in any cases plowed up. Spring wheat in splendid condition, and there is increased acreage of corn, potatoes, is increased acreage of corn, potatoes, is increased acreage of corn, potatoes, it is increasing statements are made of their six.

Some interesting statements of cister water, action of illumination of illumination of illumination in it is increased. It is in it is increased in it is increasing statements of it is increased acreage of their six.

Some interesting statements of cister six in it is increasing acreage in it is increasing of cister w

issued by the Bishopric Wall Board Co., Ltd., Ottawa. The book goes into details of wall construction, points out errors to be avoided, presents copy of tests of the product, and is illustrated with some excellent photographs. A copy would be valuable to any intending builder.

ators of same. It is thought that two the Maple Leaf condensed milk plant dogs, owned at Kilgorie, were responsible for the damage.

Large books are not always the most valuable. One of the small variety written in 10,000 lbs. of milk daily. They are paying \$2.25 per cwt. for June milk. The pastures are good in this livered a fine team of Clyde mares to Thomas Sanderson, Wroxeter, for which he received the handsome sum of \$500.

According to the most reliable reliable resorted to the first forms. Silos.

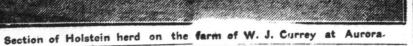
Large books are not always the most valuable. One of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the text of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in a pleasing style, presenting the plant of the small variety written in the plant of the small variety writer of the plant o According to the most reliable reports there is every likelihood of there

BRANTFORD MARKETS.

Special to The Toronto World.

Brantford, June 24.—Prices eased on the market on Saturday, eggs falling off seven cents to 38c and butter being down to 40c. Fowl are higher, but pork is easier. Vegetables were plenmencing to grow in response to the showers and sun and the hay crop was coming along well. Indications commanded 25c a box.

An Innisfil Township farmer sold F. Thompson, Oak Ridges, has four-teen acres in hoe crop, five of which She was three years old and weighed are in potatoes. Mr. and Mrs. Thorap- 725 lbs.



CHANGED OWNERS. Advantage of Milk Testing John C. Nauman purchased a 50acre farm on lot 10, con. 2. Rainham, formerly owned by J. A. Nerrington. Frank Peters has purchased the farm whed by his father, the late James Peters, Aylmer,

sive 35... inc. 12... with the substantial sum of \$163.75. Perhaps you got more. Fortunately, the owner of this herd is keeping records of each cow that he Thomas Crittenden has sold his farm of \$163.75. Perhaps you got more.
Fortunately, the owner of this herd is keeping records of each cow that he owns, and has the satisfaction of knowing that six out of his fifteen cows earned over \$150 each.
With milk weighed every tenth day, and a composite sample tested once a menth, the actual yield of each cow for her full period of lactation can be found with but little trouble.

Milk and feed record forms are free on application to the dairy division, Ottowa. A study of records should mean an increase in your cows' earning capacity by at least fifty per cent. in three years.

Itomas trittenden has sold his farm of 100 acres on the second concession of 100 acres on the second concession of Scott Township to Edward Kydd of the same concession.

John F. Bingham of Erin Township has purchased 100 acres in the same township belonging to William Akitt.

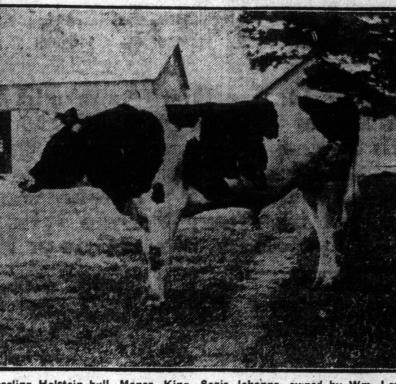
Mrs. Bullock, Plattsville, has sold her farm to Robert Thomas, and Mr. I have the dairy division, Ottowally and the provided in the second concession of 100 acres on the second concession of 10 100 acres on the second concession

and was very successful. Russell Bracey, Winterbourne, held an auction of farm stock and implements, at which good prices were re-

Another bunch of horses was pur chased at Minden during the week. would appear those that have good horses confind ready sale for them, cents a pound, and eggs at trices be-tween these figures for the dozen. of Carnarvon. orses for \$400 to the Rogers Brother

Government's Plans for Helping Returned Soldiers and Families.

A week ago Wednesday the first draft of thisty men left Tronto to eventually settle upon the land provided in the Townships of Owens and O'Brien, better 70 miles west of Cochrane on the National Transcontinental Ralicoad. In previous of the Control of Cochrane of the National Transcontinental Ralicoad in previous of the Common termed "O'Option Official in a provided for the National Transcontinental Ralicoad in previous of the National Ralicoad In Previous of the Recent Conservation of the Previous of the National Ralicoad In Previous of the Recent Ralicoad In Previous of the National Ralicoad In Previous of the Ralicoad Intervious of the National Ralicoad Intervious of the Ralicoad Intervious of the National Ralicoad Intervious of the National Ralicoad Intervious of the National Ralicoad Interv A week ago Wednesday the first draft of thinty men left Toronto to eventually settle upon the land provided in the



Be Grown Extensively, Says Expert.

prizes for the best display of turnips

Albert Johnston, 9th concession, de-

farm temporary dormitories and farm buildings will be erected. In addition a permanent schoolhouse and music hall will sustain social life. The men will be kept on the land until such time as they locate their land, which must be near the colony farm; at which time their families will be brought on the farms. At this stage they cease to receive a salary, but can work in assisting to clear land and build roads at the ruling wages under government sway. No one can



Photograph showing the simplicity of operation of a milking machine.

The cows seem to like it.

GOOD RESULTS RECEIVED FROM MILKING MACHINE

After Two Years' Use Owner Claims That Time, Labor and Good Temper Have Been Saved, and Herd Looks

Among the many fine herds of Hol-1 ary intelligence. The tending of the stein cattle in Ontario is that of W. J. machines is certainly a simple enough Currey, R.R. 2, Aurora. Upon enter- job to look at and in the case under ing the barn, the thing which quickly discussion the cows were chewing impressed The World representative their cud during the time that they

outfit in August, 1915. He has two units (Hinman make) which means that he can milk two cows at the same time. Each unit milk at the same time. same time. Each unit milks one cow Another point upon which there is at a time. With these two units he more or less discussion in connection milks eleven cows twice a day by him-self, and has been shipping thirty-which is the cleaner, hand milking or Thomas Sanderson, Wroxeter, for

much time was saved by the use of his mechanical milker as two cows ing and it is a well-known fact that ing and it is a well-known fact that said already in many instances about were being milked easily at the same the hired man on the average farm time and the teat cups were moved cannot be expected to keep his hands from cow to cow in a very simple scrupulously clean. While watching manner, and this operation occupied Mr. Currey it was quite noticeable investigate the possibilities of mechanbut very little time. By the use of that the machine lent itself to cleanthe milking machine time is also saved by the fact that all four teats are
being milked at the same time, wherebeing milked at the same time, w FARMS THAT HAVE LATELY as by hand milking the best one can suction after being placed in con-

The point which specially interests sucked thru the short rubber tubing The World in such devices as the and aluminum valve into the pall milking machine, tractor, separator, which remains covered till full, when gasoline engine, etc., is the extent to the cover is simply moved to another which they help to solve the labor pail and the milking continues. Maniproblem, which is going to present the festly the whole operation is possible greatest opportunity for the application of being conducted in a clean, simple tion of progressive ingenuity in farm manner and both the cows and the matters in Canada during the next ten owner gave every appearance of sat-years or more. Anything which can isfaction. iemonstrate its usefulness in saving labor is worth the Ontario farmer's

serious consideration. Now a lator saving device not only saves time but it also saves manual labor, and his mechanical milker very evidently takes less manual labor on which any farmer who takes a pride evidently takes less manual labor on the part of Mr. Currey than if he were still milking by hand. In the first place four teats are milked at the same time with each unit whereas hand-milking would require the man to do the work twice over on each cow consequent upon a man being servative man we would say, the autobable to milk but two feats at the same mobile is still being improved, (even able to milk but two teats at the same

Butter could be purchased in local Abert McNab shipped a choice carstores at thirty cents to thirty-five and eggs at thirty cents.

Abert McNab shipped a choice carcow as they are milked dry. This apparently is a duty which could be time saver and it adds interest to life on the farm. The same thing can be readily learned by any man of ordinon the farm. The same thing can be

all would keep in mind the advantage, yea, even the necessity, of raising their own turnip and bean seed; it is in-digenous to the soil, and the farmer is sure of what he is sowing. Oft-times in the past fifty years many

was the good condition and the contented disposition of the cows. They looked so sleek in their black and white coats and certainly appeared well cared for.

Mr. Currey is one of the enterprising kind of Ontario farmers and has been using a mechanical milker for about two years, having purchased his cuttle in August 115. He has the count that they were being milked.

Mr. Currey strips the cows by hand, taking the cups from the cow tefore she is milked dry. In the case of a cow with a short teat he finds it easier to extract the milk by the manifold appear to be a favorable point as at the counties and central shows have been awarded to farmers in Puslinch. The highest priced yoke of fat oxen exported to the British cattle market were bred, fed and fattened in Puslinch by the late Duncan McKenziber in August 1215. He have the counties are the counties and central shows have been awarded to farmers in Puslinch. The highest priced yoke of fat oxen exported to the British cattle market were bred, fed and fattened on turnips and grain raised in Puslinch by the late Duncan McKenziber in August 1215.

two cans of milk each week. mechanical? Some hand-milking which he received the handsome sum fully apparent to The World that world could not be termed clean by much time was eased by the could not be termed clean by tact wit heach teat. Once the cups were attached the milk simply was

After the milking is completed the teatcups and tubing are cleaned in so'ution. This cannot be said to be a mobile is still being improved, (even the Ford) and yet the farmer has during the week.

ose that have go ady sale for them, rold a fine team of the Rozers Brother's the roads are the Rozers Brother's the roads are her change the palls as they become full in even fair shape, the automobile is

HOW TO PROMOTE STRONG COLONIES

Instructions for Securing Best Results From Your Bee-Hives.

DISCOURAGE DESERTION

Weak Nuclei Not Desirable, But Rather Strong Natural Growth.

While a maximum production of oney is of pressing importance this war-food year, yet increasing the bees for next season must not

Roughly speaking, the bees that are tn the hives at the commencement of the honey-flow gather the crop, while the trood builds up the colony for next year, unless there is to be another important honey-flow. This next year, unless there is to be another important honey-flow. This brood is very valuable for forming nuclei, because these, started early with a laying queen, or ripe queen-cell, will build up into strong colonies be with the strong colonies during the honey flow is the basic principle upon which an apiary can be quickly full up, while at the same time an almost full honey crop is secured.

In newly-formed nuclei containing

In newly-formed nuclei containing brood in all stages, there is always more or less desertion of bees and consequent death of the young brood and sometimes chilling and death of the older brood even when the nuclei are skilfully made by an experienced the older brood even when the nuclei are skilfully made by an experienced apiarist. Further, queens may not be immediately obtainable, or they may be lost in introduction. Robbing of the newly-formed nuclei has also to be guarded against, but during the height of the honey-flow only carelessness will cause this: towards its end, however, the danger of robbing grows so great that it is difficult tomaintain newly-formed nuclei even when strong. Desertion may be maintain newly-formed nuclei even when strong. Desertion may be checked by stopping the entrance with grass; the bees will make their way out when the grass dries and shrinks in about two days, but care must be taken to avoid overcrowding the constined bees, which would lead to stifuling, especially in hot weather. A good way to overcome the loss of young brood is to place the brood over a queen excluder a week before its removal from the parent hive. This, may be done in the ordinary course of relieving congestion in the broods

Turnips and Beans Should relieving congestion in the brood-chamber as a means to discourage swarming, a frame or two of empty comb or of foundation being placed in the brood-chamber when the brood-Prof Zavitz recently delivered a practical, valuable address at Aberin the briose, Puslinch Township, stating that is raised.

much poor grass land and injured wheat land could be better used pro-Eliminate All Risks. wheat land could be better used pro-fitably in growing potatoes, turnips and beans than in mixed grains or and beans than in mixed grains or oats, as the former were of much greater food value than the latter. He urgently requests that farmers note move the parent hive to a new stand, He urgently requests that farmers note that there is an unlimited demand for and place the swarm in an empty hive that there is an unlimited demand for good shipping turnips, and the price will remain high. The average yield of beans in Ontario for a number of years past has been 17 bushels per acre; that they are not perishable and will ship any distance; they are ready for consumption without any manufacture in the swarm, and the super should be transferred from the parent hive together which will read the swarm. facturing process; they are easily the swarm which will produce the grown, cared for and harvested. The crop of honey. The colony, now decanners guarantee a minimum price of pleted of bees but rich in brood, is \$5 per bushel. Prof. Zavitz made it divided a week later into three to six plain that while he was aware that nuclei, each nucleus consisting of farmers in the Township of Puslinch two or three frames containing broad were growing as much as 25 acres of and honey, carrying two or three beans with success, he did not advise plunging on the part of those inexperienced with bean crops, but he did

This method has the great advantage of the containing queens soon to emerge with the adhering bees.

perienced with bean crops, but he did urge every farmer to grow enough to assure a plentiful supply of seed for satisfies the troublesome swarming next year.

Very timely are the suggestions and information for the farmers of Puslinch, especially the last request that mostly capped is not likely to get mostly capped is not likely to get mostly capped, is not likely to get chilled; the bees desert neither it nor the queen-cells readily, and all trouble in raising and introducing queens is avoided. The bees in the newly-formed nuclei are in the post-swarming stage, when their instinct is to spread themselves over and inculate as much brood as possible, and es-

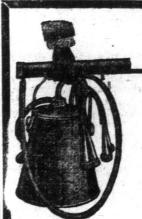
pecially the queen-cells.

The beginner should be warned not. to divide the parent colony into too many weak nuclei, but this fault may be rectified in the autumn by unitup nuclei are a slow honey-flow thruout August and early September. Fortunately these are supplied in most Canadian localities by goldenrods, asters and buckwheat.

Mismated queens should be replaced any time up to the first or second week in October, preferably not during the rothing season.

At Mildmay the price of hogs dropped to \$14.50 last week. Fred Ward shipped a carload of hogs

from Claremont last Monday. Local drovers in South Bruce who have been buying heavily in advance investigate the possibilities of mechanical milking, preferably by visiting experience just now. Many of the



Hinman Milkers **Used By**

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-Write to-H. F. BAILEY & SON, Galt, Ont.

They know because they have made it their business to know