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LONDON, ONTARIO, JULY 1, 1909.
No. 875



For Drain Tile, Red and Whico

and cement chinneys, wr
R. J. DOYLE, OWEN SOUN:

## WINDSOR SALT

Some cheese makers even say that they have got to use Windsor Salt to make good cheese.

For years, the prize winners at allthe big fairs have used Windsor Salt.

It is found in practically all the cheese factories -large and small-from coast to coast. Farmers and dairymen depend on it because cheese maker know that Windsor Salt makes the best cheese and that's the salt they want. Don't you?




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$\$ 74.10$ Return from
CONDON
Gayd ong
May 20 to tept 30


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CHIMES AND PEALS
memorial bells a Specialty
Fllly warbanted
mcshame bell foundry co..



## Another "Sunshine" Feature



## McClary's <br> 8

It is not the Low First Cost of a Furnace that Counts

## IPIEASSIE <br> REONOMY FURNACE <br> 








Folding Pocket BROWNIE

Pictures, $2_{1 / 4}^{1 / \times 31 / 4}$. Price, $\$ 6.00$ The kodak simplicity and the Kodak daylight loading features are all
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same skilled wor kmen who manufacsame skilled wor kmen who manufac-
ture the Kodaks, they have in them a quality that would not be possible They are not made of the most ex
pensive material, but they ARE care fully made by perfect machinery in large quantities, and each one must
undergo the regular Kodak inspecThey stand the one and all-important
thent test-THEY WORK. Their equip-
ment is such that they are perfectly ment is such that they are perfectly
adapted to snap-shots or time expo-
sures, and the amateur may, by providing a Dollar Rrownie Developing a dark-room, or may leave
other-just as he chooses.


 and weighing but 16 oulces. it is is in every
sense apocket camera. Handsomely finished
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the lyoo Kodak Cata logue.
CANADIAN KODAK CO., Limited,
$\begin{aligned} & \text { Hodak on the Farm" " } \\ & \text { ot the derlers, or by mail. }\end{aligned}$ Toronto, Can.




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 factory: 663 Bathurst st. London. Ont Alberta! Albera!

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Wheat. Clinan ic and dill conditions culpled NEARLY 75,000 ACRES SOLD IN APRIL

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Director of Colonization. Toronto

## The Farmer's Ndvocate <br> Persevere and

 and Frome MragazineSucceed.'

EDI I ORIA

Speed the Plowing

the Farmer's Advocate and Home Magazine.
the leading agricultural journal in the DOMINON

john weld, Manserr

Aosmts for
THE FARMER'S ADVOCATE AND HOME MAGAZINE is published every Thursday.
It is impartial and independent
iiluatrated with original engravings, and furnies, handes the memely
practical practical, reliable and profitate information for fermers dairy-
men, gardeners, stockmen and home-maters, of any publical
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THE WILLIAM WELD COMPANY (LLmitrd),

Nova Scotia, 1909, Legislation of Interest to Farmers
turn to the lroard, selting forth the amount of its
authorized capital, its capilal paid up, its liahiliauthorized capital, its capital paid up, its lahili
ties and assets, its receipts and expenditures fo the preceding vear, its dividends paid or declared the preceding year, its dividends phid or declared condition, as may be required by the Board. Every public utility shall file with the inspe schedules, which shall be open to purie ins clange can be made in such schedule without ing such with the Board. $\qquad$ No public utility shall receive a greater o
less compensation for any servici performed that is prescribed in the schedules which are at the time in force. Discrimination in favor of any individual, firm or corporation is liable to a jenalty of not ress than dity domers, nor more thar five hundred dollars. A similar penate which snall solicit, paccent or receive any rehate con cession or discrimination. utilities the right, when not paid for sorvice ret dered, to discontinue the service, and to enter private premises and scparate and take a

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$\qquad$on Industries and IImigration tom distriut

Advantage of Mowing in Stpips.


hat, when assembled in conference, they will pas yarious ineasures relative to their own intereats o. give the matter no further active supporte to give the matter no further active support.
would seem as if many conferences and meet iny were considered as ends in themselves, instead meetings for deliteration upon issues of mutur nterest in regard
ake definite action

## Hay or Straw?

$\qquad$ cill fincent number of "The Farmer's Advocath commene having operations What rop to be-hay or straw? Millions yood grass and clover, especially the latter. Amnualy converted into a product more nearly palatability and feeding value. Late cuttir hasty curing and failure to sweat the clover sponsible. Then, bran is bought at twenty

## HORSES

## To Exhibition Secretaries

importance to the furmers of the province. The
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Heavy Horses Pay.


Heavy Draft Horses
in in high-class heavy horses in the Western Prov- and all excellem amimals. (one, at is , momths, inces speaks well for the future of the industry, "eighs 960 pounds. The very smooth blocky
and the display of this class at the leading shows iype of steers make scarcoly the sain that the and the display of this class at ere ambition and enterprise of the farmers of that section of the Dominion, who display good judg ment in aiming to produce the best, since it is
the class that commands the highest prices, and the best is none too good. With the services so many high-class sires as are now available, the
character of Canadian horses should be well maincharacter of Canadian horses should be well main-
tained provided care is observed in the breeding, tained, provided care is observed in the breeding,
selection and retention of a suitable class of

Weaning the Lambs.
When lambs are four months old, thes will, as rute, thrive better if weaned, provided they have mothers. The milk supply by that time is genrally failing, as in most summers the pastures hecome dry in the latter part of July and during
the following months, and as the lambs are de-


Brood Mares at woik
pending upon their mothers largely, they do not get enough sustenance from that source to make them grow well, and their insistent demands up-
on the ewes pull them down in condition, too. I'sually, soon after the has crop is harvested, fresh feed is found in the aftermath, which is very suitable for lambs, especially if it is prin-
cipally clover, and the youngster should have the cipally clover, and the youngster should have the
first chance to benefit from it. It is well, when they are separated from their
lams, that they be kept some considerable distance apart from them for the first few days, so
that they may not hear each other calling, and hat they may not hear each other calling, and
he ewes should be kept on dry pasture for a he ewes should be kept on dry pasture for a
week to skrink the milk flow, while any which how overfull udders should be milked two or and have salt at least once a week, or, better, a ras. partake of it when they require it. A change of pasture is relished by the sheep, as by most
hinds of stock, and for variety, the lambs may o) better for it, even though the feed be not more Tundant. In the case of pure-bred lambs, inration o: oats and bran, with a little nutted mient. The lambs will also be better for havme access to a clean. partially-darkened shed
or shat er from flics and the heat of the sun!. hreep) or lambs intented for exhibition will stand huing bepen grain-fed. Attention should be given o) clipping and squaring the tails of the lambs hen weaned, and again later on, if necessary, for It is sood practice to have a patch or field of rape coming on for fall pasture for the lambs. This mav be sown as late as the middle of Julv, and is best sown with a drill in rows about 24 inches apart, so that it may be horse-hoed, to hasten its krowth. Raye will do very well sown
broadcast in a favorable season, but will be more broadcast in a favorable season, but will be more
injured by tampling than if sown in rows. There is no basture equal to rape for growing and fatis no basture equal to rape or growing and fat-
tening lambs in the fall. and frost does not iniure feeding value but rather improves it, so that
fe lambs will thrice and fatten on it right up to

THE FARMER'S ADVOCATE
winter, and ten after it is partialls covered with snow, It is rarely that a lamb howats on raped
but older sheep are liable to this troutle. and


is wet with dew or min, are the
for access also to a grass pasture field. but lambs wilit thrive and fatten on rape alone.


Sheep as Weed Destroyers.
In a very short time the field would be as bare ass
a bill iard table. I might syy that ene or
a

 wis shipping my own whent from Martinville, no dockate and one per cent. is all I was ever | no |
| :---: |
| docked |

 to 70 acres, and at times it would have from 1 ? of farm stock, relish i 1 ariet in their diect, ming
weil account for their usefulncss in destroving weeds which give troutle in crop-growing, robing he crops by extracting mossturn hould go to the properties
nourshand and development of the crop, and which, if allowed to seed. multiply their
ravidly
It is hel rapidly. it is helieved thal quat farmer are
cent. of the weeds hat trouble the
 ment for their destruction With the aid of
Inock of sheep, and bs juticious management, flock of sheep, and by juticious managementy nll
farm mav he cleared and hept clean of noarly all
 on their own merits as protucers of tirneng the be treated as mere scavengers, and allowed omls trom choice even when given the run of good pasturage thev will consume weds an oun appe
izer, and that they prefer the short, sweet nilithl of grass to that which is rank and hnee-hich, addd
oreir value. and places them in the froml rank in the list of live stock ans profitalle producers.
It is easily capable of demonstration that, con idering the cost of production in lator and valu oif feed consumed. and comparing th" avwne
 with that for cattle or hogs, witw or dressed, the fleec, which is an extra product not vielded b the fairly good. will nearls if not quite. pay for
anc
the keep of the fook the whole sur. whils the Searly crop of lambs, uts a rule, , wienns an incromes.
 of the Suencer. Bischay of the Branch of mom trom experienced
$\qquad$ Shamed that ait er kereping sherep so manys
 resplect wus not observult, howe or, it seremes of the blue hurr and thistlos Pefore cominge ey




THE FARMER'S ADVOCATE

Hay Caps Hay caps have been little used in Cunada. Th general impression is that chaps this is true. Pe haps, again, their real worth is not appreciated for certain it is that most haymakers go farthe than is profitable in sacrificing quality to speed. ery best dairy farmers in America, strongly con tends that hay caps do pay. "In our own ex perience," he says, "' especially in curing clove and alfalfa for both cows and horses, we find that nost productive of good returns, so that it richly worth the extra labor to cure it in that way. In curing alfalfa, farmers should value. that it is not like timothy in leeding ruch igher
more nearly approaches bran, has a much higher feeding value than timothy, and consequently should be more carefully handled and cured, if the full value of it is to be saved. When bran is will pay farmers to spend some money and time in making sure of a good crop of alfalfa. When the dairyman has his barn fifed with good alfalt hay, and his sllos full of ationd and dom not require $h$
flows oi milh.
Through his paper, Hoard's I hairyman, thit ide-awake and observant farmer has reppat od urged
follows
ng. The cloth in the caf is made from $1-1$ the ach corner a large washer, weighing about one .. The hay is put up in corks about 75 pounds, each, and then covered with the hay caps of weights that as the round.
 accomplish this, the weights, when the capl: portuni hee corners of the cap, and hook them into then hay to hold the cap, over the cock. This ssistem
 nid iold :

 Mas cured in this way ws morn watathen and ry come hrittle und hreak onf The leaves of the hay
are the thast winatle pait of it. and any system


The White Campion.
$\square$
$\qquad$ mostly insipid, inodorous and inconspicuous weeds. It does, however, embrace a few species that ar noteworthy for their
tionableness as weeds.
ionableness as weeds.
To the former division belong the DianthusTo the former division belong the Mianthus-
literally, the flower of Jove-the superb carnation the old-fashioned Sweet William, and the aromatic clove ielly-flower. In Furope, Spurry is fed to
cows and hens, and there, also, are the voun shoots of the Bladder Campion gathered for a pot nerb that is said to rival asparagus. As weeds some of the cockles, chickweeds and campions ar
well known on both sides of the ocean. The Bladder Campion (Silene vulgaris), recos nized by its smooth foliage and inflated calyx, is
too well established in some parts of Ontario. By botanists. it is placed in a difterent genus fron the White Campion (1ychnis alba), because the


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New Type of Grain Thresher Just when thresting machinury, haul been -mb. and thratens to

 Which he ins montel. nuld hish is.
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them in by water-lexpl. We use five, six and even inch for mains, with three-inch tile draining
nto them. The worl: is done in spring by hand with spades, a deep furrow being thrown with spades,
with plow to

## Use Pole to Spread Hay.

$\qquad$ see it starting to bloom, as we find we have much less loss of the leaves; also, if it is not cut til ater, the stem becomes very woody. Red clowe he hedt ore litte hrown Timothy some ut just after the first bloom has fallen. Cut with a five-foot mower, but never cut whon grass is wet. If crop is heavy, we ted after din er what we cut in the forenoon, rake and coi n evening. let stand a couple of days, then dran to mows; load all by hand, unload all with
with horse-fork, or, if hay is very short, we ush the slings that run lengthwise of the load, ant
"ork to perfection. In one harn we use the pold
irom beam to bean to spreat ha! it works woll
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Jew Type
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Tiling in Essex Co., Ont

A Roller Hay Rack

$\square$

# THE FARMER'S ADVOCATE 

five, six and $\quad$ Some Haymaking Suggestions
tile draining
Some Haymaking Suggestions wr which varying seasons and conditions pre
ail. In some early sections, the four reasons for early cutting of hay given below may be to
late to be seasonable, but over most of our ter ante to be seasonable, but over most
iiors they probably will still npply.

The first argument for carly cutting is to fore
all the maturing weeds. Billions of weeds ir tall the maturing weeds billions of weeds in
late-cut meadows ripen and scatter their seed,
which, if the field had been mown when the clover was in full bloom, would have succeeded in ripen ng few germinable seeds Farle cutting of hay I second consideration is the udancement of he season's work. While the early-hay ing
weather is often precarious, and the process slow ne curing of a field or two may usually be at tuther with moderation or two, put out of the hefore neighbors have
line start ommencement of hasing often runs this opher ion into the harcesting season. putting "ory
thing hehind, as well as discouravine hoth mat I third and wer *impertant concern is quatit if profuc. Protials most of us can recall "o, then hauled to the mows, with the leave treat it uns to fimd that hay in the botom the mow, fragrant and dark green, with the re
of th.. hilossoms still hhowing: The cows fel
the sump wal hown to the mith tow when it was reached wake such may a more yeneral determination t sufficient cecuse, for the total cost of curing and ither and a half doliars a ton, ant a consider
 1 fourtl reason iow early cultines, that is to igor of the astermath. The nearer the first crop ant will be the seconif growth. When the sed wh may sometimes amount to more than th are a crop of seed. it is necessars either to pa sut aven when intended for pasture or a second arly-cut meadow witi much more than compenwe form the slightly-reduced cutting. leaving the superior foed-
$\qquad$
things considered. therefore, the conclusion "a irreistible that, while a clover crop contans wis ereatest nutrive datue (home, it pats to commence, if weather wrmits, as soon at, or wen sightly hefore, the
full-thoom stage is reached To wait longer. Tull-thoom stage is reached. To wait longer. here the meadow is a mixture of clover and limothe, cut it at the stage when the clover is at
is best, in the in the stable, a ton of good toin of timothy. ton of timothy
Alfalfa should be cut when atome one tenth in
laom and clear timothis iust after the second lowm, and clear timothy just after the second
loom hais fallen
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I litate sap will not spoil a mow of hay, for, tains quite a considerabie percentage of moisture
tut beware of a vers iittle extraneous moisture, hether den or rain.
Build hay cocks to shed the rain. Ho not urn together the cuter ends of a couple of rakeGuls, and perch a dab of a iorkiul on top, calling it a cock. The bottom of the coil may be formed
this way, but on top of this several successive This way, but on top of this several successive as to cause the outer ends of the stems and leaves odroon downwards thus shedding the rain as tack would. Mfalfa coiled on this principle.
while tough, will sheyl a week's rain, with far. less lamace than one would anticipate. In fact. "e have known it to make fairls appetizing feed after such a siege. * * *

THE DAIR
The Next Best Thing.

(Certainly, the margin between dairy and cream-

car, but I am not prepared to say that the hand cparator is responsible ior this. Prices for reamery have heen, on the average, much higher The the hand separator came into general use. leal creanery is the whole-milk system, but this impossible in many districts, and the hand parator on the farm is the next best thing. The verage farmer does not produce as rich a cream
s he should : indeed, about nine out of ten pro-

## Mixture Spoiled by the Worst


nd separator has had
cesult I anticipated, viz,
Whs 2. years ago, or,
when all of our butter was
made at the farm dairy.
This and made at the farm dairy.
This should not be the
case, but, as a matter of My reasons are these Many farmers who know how to make first-class
butter will not take the pains necessary to produce
that article, or produce cream that will. There are
also some farmers whe really do not know how without milk or cream, anything but pig feed we have dairymen who understand, and who do
take pains. and produce
first-clocs. butter and cream. $\begin{array}{r}\text { both } \\ \text { But. }\end{array}$
when all these qualities of when all these qualities of
arm-separated creamgood, bad and indifferent-
are mixed orgether, first-
ars buter cannot be made out of it.
present time, 1 At the the can we made in Canada is (imes mat be emplosed to advantage for clover the croamery every day. The cream proardalfa but, as a general practice, in the duced by the average farmer is not of a high
part of the season, when weather at all per- enough quality to make a first-class butter. This nits, the old-fashioned method of haymaking will should not be the case for I claim there is no It takes more time, but the labor will be place so favorable for the production of choice arer. Better hay and less millfeed, is a goon man has all conditions under his control; but, as matter of fact, he either dioes not know how, or not take the pains.
I do not consider dairying is goins ahead in
unada the way it








Hay Loader on Farm of Fred Luck, Brant Co., Ont
regulations for our chece factories and crean

Mispepresentations of Separator Salesmen

Fresh-cream Cheese at O. A. C. During June, at $3.30 \mathrm{p} . \mathrm{m}$. when milhing at th
A. C" dairy begins, an interested throng of ey cursionists pours through the stables to view th
sleek Holsteins, Ayrshires and Jerseys hrought in from the pastur the individual
which are to be seen on cards pasted wu hehin The creamery, which is run as an ordinary com
Thercial creamery tion. Patrons are charged three cents per poun tional if hauling is done. Iroficosor Dean repor that, for May, patrons were paid, whe $25 \frac{23}{2}$ an made. One end of the building is this year de
 rade is packede into mer cemt. buttor fat. Fiac ream cheese contains about four of strest, th whole-milk cheese about a pound or more en There is no ripening promens. and on old flum The checese is shipped as matio to draters in th

New Idea in Milk Can.

THE FARMER'S ADVOCATE
needed. And the application of this air gives a stead of No. 3 's, the tree is exhausted less, an thorough mixture of the milk before any sample is in better condition to produce a crop the fo is drawn, so that the samples in cach part of the lowing year. It is better to have a tree produc,
$\qquad$

## GARDEN 新 ORCHARD

Thinning an Essential of Orchard Practice.
aper by F. H. Johnson, read before the Nova 'scotia
Farmers' Association, January, 1909.
A large proportion of the apples grown in the
years, being less drain on the tree, and not bring
ing all the apples on the market in a year on ge crons
The time spent in thinning will be gained
rit on the tree until fall, they will have to cked in haskets, carriod from the tree to th handled over again at the time of packing much faster, and give a bectuer urticle when placed the market than ones that are uneven in sim In Britich Columbia
$\qquad$ plums is recarded to be as necessary as any pat of the orchard work, most of it being done by Chinamen paid at "ith of abor at and sow he cost of thinning is not regarded as excessive. ash returns to the grower. It costs as much to barrel of No. 1 's, the No 2 's bringing from 2 to
shillings less per harrel. The lower grades are If we expect to make a success in boxime most worthless, scarcely paying for the han lling, and, if placed on the market, cause mon
$\qquad$

$$
\begin{aligned}
& \text { Ii part of the apples of an overloaded tree are } \\
& \text { picked in the early part of the growing season. } \\
& \text { phe remaining ones will have a better chance to }
\end{aligned}
$$

$$
\begin{aligned}
& \text { picked in the early part of the growing season. } \\
& \text { ihe remaining ones will have a better chance to } \\
& \text { develon and grow to a larger size. The apples }
\end{aligned}
$$

being farther apart, admit the sun, with the re

verlasting


 How of the leaves on certain branches or twigs. The effect of lightning-stroke. Those who hav, whine? the dicease have determined the cause or it on account of the effects above referred to, mear-blight, hecause the pear seems to be more sumceptible to it than the apple, quince or haw II. B. Wuite, Hathologist to the U. S. Departstudy of this destructive pome-fruit disease, is of opmion that the bacterial infection enters the

trees most commonly through the flowers at hlossoming time, bees and other insects being the chef arents of distribution. some infections oc
sur through tips of growing shoots, and a still unaller number directly into the fleshy bark. shiply kill the blossoms or a few inches of the All whole branches, and sometimes even the whol ascet alle. Mr. Waite makes the unusual general wation that the conditions most favorame for Ferim. Favorable weather, heavy fertilizing, good Mrased succulence of the tissurs. alled twigs and branches, but keep alte ine
Howty advancing margin of the affected portion
Hate, which 'the sources of re-infection in the followng twhes in its tark, elther os well as vertically, and dimeted at the ground or below the ground line "Which case it is known as colar-hight
ir Waite states that more trees-pears, particu
arls-are killed to collar-blight than by branch In July and early August is the time when fo. whects of the discase are most from the We. and save all the healthy parts that can out antirel) Blight completely kills the bark "tach it reaches,
infured."-(Waite.) When blighted bark is re-
moved from trunk or, branch, the scraped part should be washed with a bactericide to kill the crms that are sure to adhere. The cutting an opration. For these purposes, Mr. Waite recomands a solution of corrosive sublimate, the sixth
lant of one ounce in a galion of water. appled

Lime-sulphur Prevents Leaf Curl. Tiling Pays on Sandy Loam Editor "The Farmer's Advocate ": My experience with tile drainage is rathe rolling, and surface drains very easily. Neverthe less, I have found tile drains a very profitable in-
vestment in some of the lowest parts of my or chards and berry plantation. In a wet season peach trees will not survive if soil is oversatu rated with water for any length of time; so, in a peach orchard, it means that some places mus be tiled, in order to have a solid block of thrifty
nealthy trees. In the fall, 1906, I did a little tile draining, which cost me three cents per foot for 3 -inch tile, digging and filling. In my soil it can be done for less by using a plow and get ting tile in car lots, as I paid $\$ 15$ per thousand as possible; there is no debating the question as to whether it pays. It means the difference between success and failure in most soils in our
neighborhood, specially if intending to go into fruit-growing. There were no oats sowed here before May 24th, except here and there a field whic had been tile-drained

## Iprigation Experiments with

 Vegetables.McMeane who has charge of the vegetable division of the Horticultural Department at the Ontario Agricultural College, hopes to improve specimens and growing his own seed. He will conduct experiments in this line, also, with corn, peas and beans. Irrigation for strawberries and vegetables is to be tried this season. The plan
used is known as the Skinner system. In-
set of overhead pipes water, is forced under a to a set of overhead pipes water, is forced under a pressure of 30 pounds. Through small openings
in the pipes every four feet, the water will fall in in the pipes every flants below.

The onion-growers of the Leamington district had their first sowing drowned out. They have
 this year putting up a large storage building by 100 feet, and will sell

## POULTRY

## Fattening Chickens.

Many iarmers market their poultry in a thin Condition. The manager of the Poultry Depurtment of the Ontario Agricultural College claims out the pens, etc., make at least 50 cents per hour over and above cost of food. The birds are usually fed by lamp-light at night, so little time On a ration of barley meal, low-grade tlour, middlings and buttermilk, together with some ther mixed grains, and a little shredded whea 26 birds, fed, some for four days, and sund long as three weeks, consumuds of milk
inancial statement of fattening ;26 chickens weighing 2,233 lbs
per, lb., live weight $4,000 \mathrm{lbs}$ buttermilk, at 10 c . per cwt.... $\begin{array}{r}30.80 \\ 4.00 \\ \hline\end{array}$

4 dressed chickens, bled and plucked
$\$ 294.75$
Profit ... ... ... ......................... $\$ 81.26$
Birds that are starved, ready to kill, shrink nearly 12 per cent. by bleeding and loss of
feathers. We have figured frequently that the feathers. We profit per bird in three weeks feeding was about 15 cents each; the above table shows nearly 13 oents. The profit would have been
somewhat higher if all the birds had been fed at somewhat higher
least two weeks.

From Coop to Roost
Chickens, like human beings, are creatures of habit. The coop, which has to them been a saf reckoned home long after the hen has left them Cases are known where a whorelyzen have grown
so big that the coop was scarcely large enough to hold them, but night after night they would crowd in, and then one fine morning the whole lot would be found dead, smothered for lack of air. Wven where no such calamity befalls, the health and vigor of growing chickens must be injured by
overcrowding. When they are well feathered they overcrowding. When they are well feathered they


Pleased with Colony-house Method
 field, altogether away from the
I'rafessor W. R. Graham, Poultry Manager at the O. A. C. (iuelph, fairly stumbled upon a few
years ago, is in more favor than ever. In fact, will the chickens. in the College Poultry Depart-
ment, except the very early ones, are now reared in this way, though pasture fields and others
sides corn fields are used for the purpose. coiony house is hauled to a convenient place, and chickens. If the chickens are without mother hens, a brooder is attached to the side of the colony house, and when the chicks are large
enough, is removed, leaving them to roost in the house. Where hens are with the chickens, no
brooders are needed, the house proper serving all purposes. No enclosing fence is put around the
chichs wander at will, but the houses are closed evers night What food is given them is put int ${ }^{4}$ sell-terder. It is hoped fill the hill for winter, as well as summer. since he could remember was such an interest tak Prices are high. For broilers, at the time of the 45 cents per pound. alive. As late as the second week ir
Experimen

## THE FARM BULLETIN

Toronto Business Men Visit the
Toronto Business Men Visit the
O. A. C.

South Simcoe Notes.
-4 1 ,
 $\qquad$

|  | season, be a rather unique dwarture. On June 19 th two hundred members of the Canadian Clut. of Toronto on imvitation of lresident Credman |
| :---: | :---: |
|  |  |
|  |  |

visited the, College. It is needess to say they
were dulighted with what thes saw and heard fore They had a kind of vague idea that they
wrould see a haree farm, well kept. on which were
to be found a few buildings suitable for teaching and demonstration purpose. But when they were taken through department after department, from
the dairy to the Macdonald Institute, and saw the splendid equipmomet and facilitions provideal for ectuhe highest praise were heard, and the farme
olling rose several notehes in the estimation hese citizens of ontaric's metropplis. profitable outing was reached when the visith
lined up on the college campus to partake of uncheon perpared by the staff and students if Such occasional intermingling of city and counountry. Won the farmer depends 10 at ars creat dogree the properity of the city and town
If he fails in his undertaking the proiessional or
fousimese This fact were atways uppermost in the minds
the people of the dity, many of them would


The Drag in Dorchester

Season Satisfactory, Though Late.
The Census and statistics office has issued a
report on the crops and live stock of Canada, as
reported at date of June 15th In all parts of
Canada farm operations have been delayed this
vear. The monthe of April and May were cold
 method of road maintenance, as descrited in "The Farmer's Advocate," decided to put the principle into practice. He constructed a drag 9 or 10
fect long of two parallel rock-lim planhs, $2 \times 12$
inches, is inches apart, and held in position twy inches, 18 inches apart, and held in position the planks, the ends projecting a few inches behind the rear plank, to catch the ends oi the dr
chain. The latter passed through two holes in each of the planks, so that the tram drew on
the back plank, and the drag could not pull as to draw the drage on an angle. Mr. Weir was
$\qquad$
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$\qquad$
$\qquad$
$\qquad$ short piece of road surfaceld with gra judgment.
condition

## Some 1909 Fair Dates

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grains, with $,2,000 acres, and hay and clover.
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    "xtent as last vear. The former has a reported
    The Province showiny the larkest arren of wat
    ()ntario. with $3,142,200$ acres, and also th

$\qquad$ Regina Industrial Exhibition:
Canadian National Fxhihition
to Sept. 13.
anada Central; Otta $\qquad$

International Horse Show. Horse show hel that the third Internationa largest and best display of equed bes ever assember
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Tuberculosis in Hogs.
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$$
\begin{aligned}
& \text { Wdue at that time was over Si339,000, (100) le ederal } \\
& \text { rispection at the abatoirs of the country shoul } \\
& \text { "o wer cent. of the hogs slaughtered to be af- }
\end{aligned}
$$

$\qquad$

Incorporated 1885 the TRLAERS BAIIK of Cludad

Capltal and Surplus $\$ 6,350,000$ Tetal Assets. 34,000,000

Our 85 branches, and other extensive connections, enable us ice to our clients.
Collections promptly made. Negotiable paper discounted. Exchange bought and sold.
Money transmitted by Draft, Money Order or Telegraph Money
Transfer

THE BANK
FOR THE
PEOPLE.
74 Branches in Ontario. The Manager

MARKETS.
Toronto.

Montreal.


## IMPERIAL BANK

 OF CANADA cmartered 1875
## SAVINGS DEPARTMENT

 $\$ 1.00$ opens an account. Interestpaid at highest current rate from date of deposi

Farmers sale notes discounted. Branches throu
aninion of Canada.

Representative Cheese Board Prices

Chicago

British Cattle Markets

An insurance man declares that he
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$\qquad$

THE FARMER'S ADVOCATE.

|  |  |  | SPICE OF UFE |
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| Miscellaneous. |  |  |  |
| A MORTGAGE ENCUMBRANCE$\square$ |  |  |  |
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| running through it. A sUBSCHEBER Ans-Digging it up and burning it is |  |  |  |
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| (tand |  |  |  |
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| VARIETY OF FALI WHEAT |  |  |  |
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| four gallons of water. Shovel while thesprinkling is being done, till all is thor-oughly dampened. Then shovel into a |  |  |  |
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| stirred until dry 4. There is no better time than the |  |  |  |
| TO PREVENT SUCKING an vou rive me ans informatifn |  |  |  |
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parents, at an esspecially iormative. People, Books and Doings.

[^0]These few notes will give some
small idea of the introduction work
of the I. W.. but no report could
odequately give a rigint significance
oi what his congress stands for
imong the nations. II. 1. B. Would like to add that
hure introctuction of Mrs. Parsons as a sulstitute ior herself, as a corre-
apondent of . The Farmer's Advone position at wach of the prelimi- severe, but men viry seldom dare to take one who has stepped out of tonging nary mosition at angs, and a kindly recomnition by the stalfi of the l'ress C'om-
mittee, from whom also, a warm wel-



Hope's Quiet Hour.
The Beauty that God Loves.


The Mowers : French Peasants
boiled, but also the jars, rims, tops, bacteria reproduce. that a single bac substance laymere in contact with the
canned, may, under favorable conditions, give rise to a family of 20 ,Finally, when sterilization has been comprevent the entrance of the germs of molds, yeasts and bacteria which are tion is perfect, exclusion of air is of benefit, and that, on the other hand, no the air. with its floating microbes be air itself does no harm), must be kept

It is commonly known that vegetables
are much more liable to spoil than fruit, are much more liable to spoil than fru
hence comparatively few housekepers
tempt tempt to can them. $\qquad$ greater spoiling t
tahles present a much better medium for spores (some kinds reproduce and their by spores or seeds) than does fruit. One
boiling of from 10 minutes' to half an our's duration, is usually sufficient for the bacteria. One such boiling will not however, kill all the spores, and. although
the latter are not likely to develop in fruit, they are almost sure to in vege
tables. A sure way of keeping the lattables. A sure way of keeping the lat-
ter has, however, been found out. How
it is accomplished. II will it is
it
as the
as the old rhyme-books say.
In the first place. it is necessary to
have good jars. Mr. IBreazeale is not
much in favo of the common screw-top
"Mason". iar for vegotables. He very
"Mar. much in favor of the common screw-top
"Mason" jar for vegetables. He very mueh prefers a kind, retailing at abou klass top, heid in place by a wire spit evetables, and to be depended upon for end, since the jars last longer. Wide for whole ones should, of course, be chosen
or vegetables. Now, being provided with jars and new boiler, which may lie an ordinary tin wash-boiler, ready for use. In the bot-
tom of it should be placed some sort of rack, or support for the jars. This may be made of strips of lath; even a layer
of clean struw may do, but the best is a
false bottom, made of wire netting, and placed on supports. Next pour about some put in enough to come up to the as good-and set the perfectly-clean jars on to the rack. The vegetable may be raw, with cold water added to fill up to the top, or it may have been previously
cooked. detailed description will be given the neck, and place the glass top o
loosely, as shown in tio loosely, as shown in Fig. 2 , but vo care
Iull not to preses down the sprine at the


 cormant not teyyy when the same perThe operation is angin treated, nod thin

ago how she cried making that dress, she
made so many mistakes, put the sleeves in wrong, and
she was praised 1 always remember then on their birth-
days and at Christmas with something extra, and after housecleaning I get them
something, one year a waterproof each. something, one year a waterproof each,
another year tweed to make shirtwaist. suits, etc., and now my baby girl is
away, and getting $\$ 400$ a year and
toard, so she sends us presents home. hoard, so she sends us presents home. I
tried to teach them, as far as I was
Ithe how to spend money. able, how to spend money, I think
children, when old enough, ought to have their own money to get or give anything
they want to, without asking for every cent, and telling what they want it for.
it might be some little gift to a friend,
and to have to explain it all, is like and to
pulling
cocent is
 Worth more than a horse. "hne olpuness.
ministers defined "love" as "helpula
Give the little ones a loving happy child (iive the little ones a loving, happy child- This"."alt hinders the yeast plant from
hood: but in mercy to them, make them
respectul and obedient. York Co.., Ont. helponabit. as well in cold weather, therefore the Welcome back, Helponabit. I hope your ate In hot weather, it rises so quickly
letter will inspire others to throw out ble. that the bread is apt io be sour, there
what help they can on this most im.

$\qquad$ Dear Dame Durden,-1 enjoy reading
your section of the paper very much, and.
having noticed a week or two ago what a kind interest you took in a Normalite thought perhaps you would give me tew instructions upon that subject.
I hope to attend Normal School nex
tall. and, as you know. clothes are th fall, and, as you know, clothes are th
important feature when one is to away from home for a year. Please giv
me an account of the amount of thes
reavired. Does one have to take sum mer clothes, and how many? About th
middle of September is the opening the Normal. As regard
hould like a few hints.
W.llington
Wrillington Co., Ont. rusbabed Youwill not need a great many clothes
as comparatively fow of the girls, eithe at Normal or at the Macdonald Inst
tute, try to make a great sensation the fashionable world-and very sensible
they are-but what you have should be
well made and suitalue. For cot-weather well-made and suitable. For sot-weather
school wear, I should think one neat prin school wear, I should think one neat print
or foulardine shirt wnist suit, a good
dark skirt (sicilian or lustre are the mos servicenble materials yout can choose
and three or four light shirtwaists vesting and French cambric (a sort of
fine print, in light colors, that "boils" wouldint, in light colors, that "boils comes, a dark shirtwaist sutit. With, per
haps, a shantung silk waist of the sam
shade to wear for a change. will put you hrough. Then, for more dressy wear, should be brushed every day, and the $\begin{array}{llll}\text { nile. or panama, which will to for cool } & \text { udder and lower parts wiped off with } \\ \text { damp } \\ \text { cloth before milking. } \\ \text { The }\end{array}$ of these-and, if you can afford it, a
cream silk or net waist, which will come
in well should you want to go to the coat, you can make on
 very acceptable adjunct, if money is
object. As regards hats, one of the coarse straw, droopy sailors, if becoming,
will do finely for school and general weal with a more dressy hat (simple, not some of the girls make one ready-to-wear. do throughout, while some of the younger
ones last winter wore tobogkan caps for sch Now. I think the alhove list covers most
of the essentials. Of course, you will need some pretty neckwears. The Dutch
collars and jabots, now so fashionable, lirighten up a plain shirt waist suit wonderfully, as do also the ever-fashionathle turn-
down collars of embroidered linen, with a bow collars of embroidered linen, with
atring" tie. If you use fridl-
ing, buy net and pleat. it to a band. ing, buy net and pleat it to a band.
By basting the pleats down you can wash
such frilling very well. and so accomplish Answers to Questions on Bacteria.

## "This is a new idea to me-but, no dount, the sall is rather hurfiul to the yeast microbe, and in the winter time it is is

 microbe, and in the winter time it isvery necessary to encourage the rising of
the yeast as much as possible, while in the yeast as much as possible, while in
summer it is inclined to rise too fast, and sour. 'Down South, they use com-
paratively little yeast-bread, as it is an aratively little yeast-bread, as it is so
liable to go sour.""In order to give the yeast germs
"In order abundance of chance to work, the salt is
added last in winter, but in warm weaher, the temperature is favorable to the
reproduction of germs. so so the salt is depded sooner to prevent their multiplying "In cold weather it is necessary to
keep, salt out of bread sponge as long as keep salt out of bread sponge as long as
possible so as to hasten the growth of
bucterin bacteria. "Ie know that salt retards
their grinwth, so does the cold, therefore sponge will rise. On the other hand, in
summer we know that heat is favorable in as soon as iossible to retard too rapid development of incteria, and consequent souring of the bread" "aring for
7 D. Describe the process of cat into the stable, until the milk is sepahacteria as poscible may be in the milk "The one great thing in caring for milk
is cleanliness. The tmilk in the healthy is cleanliness. The milk in the healthy
cow's udder is practically germless. we should keep it as far as possible from coming into contact with anything except
clean dishes and pure air. The cows
chould be brushed every day, and the

of sunshine and fresh air admitted. Ni
dusty feeds should be given near milking
time. The milker should be cleanly
$\qquad$ Tore beginning. The pails and can should
have been well washed, thoroughly scald- After separating (which should be done a soon as possible), the cream should be
cooled by setting the can in cold water.
It should then be closely covered, It shoulld then be closely covered, until "In order that as few pernicious bac
teria as possible may be in the milk first the stabsibe must be clean before the
fows are driven into it. Have plent of fresh, clean straw strewn about. Let
all the dust from that process, and the feeding process, settle. Brush down the
cows, especially all loose hairs and dust cows, especially all loose hairs and dus
aloout the udder. Wash the teats with
lukewarm water, and if you have the

the necessary openings made in in, with it
around the cow before milking her.
$\qquad$ "Have the milk pails clean, well scald-
ed, and sunned, if possible, likewise all
parts of the separator that the milk
passes through. When you have miliked
a pail of milk, send immediately to
$\qquad$ clarting the separator according to quan-
tity of milk you get. Separate as soon
" "The practice of using a little vaseline to either "wet" or "dry" miking, as it prevents dust from falling, and there is
no danger of the filthy "drip." It
seems to irritate cows whe seems, to irritate cows when milked
"dry." But by all means use dry hands
if you If you have not mastered the art of using
no more moisture than is needed, or use
vaseline and be sure. stances dip the finger into the pail the dampen. Milk out a little of the first milk as waste milk. It is generally
pretty "blue." You will not suffer much have made their way up the opening.' Possibly one or two more papers on
"Bacteria", will be published in the early future: indeed, out of so many good ones,
we scarcely know where to stop. Sex eral others will be held over until needed
again.

## Recipes.


Wear. and bake in a moderate oven.
A \ice filling for ('ream Puffs.-Beat
thick, remove from the stove, cool, andNummer Salad.-First make the dress-
in as follows: Rub yolks of 2 hard-niled eggs tows: Rub yolks of 2 hard-easpoon sugar,
tard, pepprer and
teaspoon made mus-
salt to taste, andCablespoon salad oil, or melted butterLet it stand 5 minutes, theh beat in
up vinegar. Now cut fine 2 heads let-
tuce (hearts only), 3 tender radishes, and
a small cucumber. Arrange the chopped
inixture on the larger lettuce leaves, and

# Our Scrap Bag 


 smaller and sew all around the square
oblong thus left, a carpet border to
match. The left-over strips can then be
made into small rugs for bedrooms and
halls, with fringe sewn along each end.
Allows: Wake thake a rose - jar is as
are supposed to have roses "to spare,"
of coursesed place them in a basket, and
hang in the shade in the fresh air, so
perfectly dry, so as to leave no danger
add the following mixture A A few sprigs
of lavender or 2 drops oil of lavender
drop of bergamot and 3 drops attar
of rose. A little heliotrope sachet pow-
der may also be added. Keep in a tight-
y -closed rose jar, which is only opened
occasionally, when an extra - agreeable
ccasionally, when a
To gather goods without a ruffler: If
ine stitch of the machine is lengthened,
and $n$ loose tension used, a row of
stitching can be run where the gathering
is desired, und the thread pulled until the

Does My Hat Annoy You? That question makes me mad. The
high tul, inverted on top of her head.
To the bottom of the tub she has fast
co the bottom of the tub she has fast-
ments of an aviary, the two togethe
elevating the structure about six inches
higher. It measures four feet across
hat mind, and the up and down.
It is a woman of average height, bu
Pelion on Ossa could not lo
with that thing on her head
"Does my hat annoy you?"
O, no, madam; not at all! Not in the
least little bit of a mile !
I am a trifle aggrieved at the scantiness
of it. If you would only pile on ten
flowers and the loot of three barn-yards.
I should have a more generous prospect.
hut you will do better next month
annoy me in the least ! - Arrow, in C.
annoy
World.

## The Secret

It isn't in doing your work, my boy, It isn't in doing the thing you must,
That you win the honor and gain the Or claim the profit or earn the trus It isn't in laboring long and late.
And it isn't the hurry and noise that The smallest thing that you do is grea It isn't in getting it done, my boy. It isn't in getting it out of the way
$\qquad$
$\qquad$
$\qquad$ And it isn't in rushing ahead pell-mell lime

1082
"The Farmer's Advocate" Fashions.


Ine Roundabout Club
Our Literary Society
Rabbi Ben Ezra.

John Armstrong's Last Good-night

## is there never a man in all Scotland, From the highest state to the low degree, That can himself now before the

 king? ? Tes, there is a man in Westmerland. And John Armstrong some do him call He has no lands nor rents coming in.yet he keeps eightseore men within his He has horse and harness for them all. And goodly steeds that be milk-whit,
with their goodly belts about their nech: with hats and feathers all allike. The king he writ a lovely letter. And has sent it unto. John Armstrong, When John he leoked the letter upor,
$\qquad$ My. fat her, iny grandfather, nor none o
ws three. Bu: seeping ue inust gu, betore the king
Lorrd we will go most waliantly Yous hall wery one have a velvet coat.
tand down with goldon lacres threw. And vill shall every one have a coarle
 But when John he went from Gailiknock
$\qquad$
$\qquad$
$\qquad$
Now John he is to Edenborough gone.
And his eightscore men so gallantly.
And every one of them on a milk-white
steed.
With their huchlore and smords hanging

The hing he moved his sonnet to nim :
"土 ha.

And in sublyect of yourse. my y inece, said
Away with thee, thou false traitor
A" pardon 1 will grant to thee,
sio. tomorrow before eight of the clock.
I will hang thy eightscore men and
frow. Jotm lookect ower his lett stoultae
an to his toeryy men thus suad be
Con purtion here is lor youn nor me:"
himu John puled out a nut trown swor
laut diet the king moved his toot as hit
T, whin had uhenen his head froum hisi toodv

Turs shall be said ne were hung ing
they fought on li.he champricus
". their harts were sturdy. stown
Thev had killed all the hing's goond
Evard
$\qquad$
Guve rise uise by thousands fugh



The only nourishment that bread affords is that which the flour contains.

Bread baking is merely putting flour in appetizing form.

Flour making is merely putting wheat in shape for bread making.

## Royal Household Flour

is made from carefully selected Manitoba Hard spring wheat. Every pound is almost a pound of food ; clean, and nutritious.

It goes farther, does better baking and is more satisfactory in every way than any other flour. Ask your grocer.
Ogilvie Flour Mills Co., Limited, Montreal.
Are you pestered with POTATO BUGS? If the old remedies
won't work, try


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i/c." %/" Net cash f.o.b.
Toronto.
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Use two or three pounds to forty imperial gallons water.
yade in canada only by
CHEMICAL LABORATORIES, LIMITED 148-158 Van Horne St.

TORONTO, ONT.


## "FARMING <br> FOR <br> PROFIT"

Experienced Dairymen


SEE THE New 1909 Model

SEND For Latest catalogle, free
R. A. LISTER \& CO., LTD. 62 Stewart Street TORONTO, ONT
 ND PAY FOR THEMSELVES THE FIRST YEAR.
R. A. LISTER \& C0., LTD. 62 Stewart Street TORONTO, ONT.

It Takes Courage.
e according to your convictions

The Odor of Sanctity.

$\mathbf{N}^{0 W}$ here's the newest, nattiest and classiest road wagon-one of the new gems for 1909 season. This wagon is fitted with the Baynes Long-Distance Axles, which will run a year with one oiling, and the Baynes Ball-Bearing Quick-Shifting Couplers.

## BAYNES BUGGIES

You can take out the shafts in ten seconds, put in the pole in ten seconds more - and there you are. If your dealer doesn't handle our work, write us direct.

THE BAYNES CARRIAGE CO., LIMITED, HAMILTON, ONTARIO.

NEW IMPORTATION OF CLYDESDALES.
STALLIONS AND MARES. We shall b pleased to supply any person desiring a first
class Clydestale stallion or mare when our new consignment arives. Which will be about
August 20. 190.
JOHN A. BOAG \& SON, OUEENSVILLE, ONTARIO. $\square$
500,000
FEET Iron Pipe for sale, from
$1 / z^{\prime \prime}$ to to 10 " Dia.

| have been the end of it; but Chaffee stood there, with the bullets kiyiying around him, beside the boy, who had crouched down again, and thought, with his chin in his hand <br> like a veteran. <br> '" liy and by he put his hand on the boy's shoulder. 'There isn't as much danger as you think for,' said he. 'Now, get up and take your gun and fight, and I'll stand here by you' The boy got Shot pretty near straight in the air. That's protty high," says the General. 'Keep $\qquad$ After a while to retire from the trench, retreat with the comrest of the fights there er soldier in the com- $\qquad$ <br> Out of Order. <br> to tell of how in son, of Indiana. called an Illinois repre- sentative a jackass. The expression was unparliamentary, and in retraction John- $\qquad$ word, Mr. Speaker, I must insist that the gentleman from Illinois is out of $\qquad$ from Illinois. yelled the tell you." answered Johnson. and that |
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Brevities.
An inner choice to do right is much
etter than an outward restraint from oing wrong,
Listen to the man who speaks of what e knows better than you do. He is
conpetent to be your teacher.
When you see a man busy following his When you see a man busy fo otherwise a safe counsellor The proper discharge of duty to-day is the best preparation for the performance
of larger tasks to-morrow. Do your best! Work that is indifor-
ntly done may cost little time and labor. but it is the dearest in the end. Only
thoroughness really pays. thoroughness really pays.
When a young man prides himself that he is the victin of but a single vice, re-
mind him of Bishop Hall's remark "Vices are seldom single."
A youth with only ordinary talent, b
extraordinary diligence, will likely acco extraordinary diligence, will likely accom-
plish more than one who has been con-
sidered a "kenius" by his friends. plish more "han one who has been con-
sidered a "Renius" by his friends.
Edison was once asked by a youth, "Do you not think that genius is in-
spiration ?". The electrical wizard re-
plied. "No, not inspiration, but perspiration.". Do you perspire?
We have known many fathers, We have known many fathers, "good,
bad, and indifireret,", butt we never knew
one who did not want his enen ne who did not want his son to be a good or how had he himself was
The first book a boy reads is The first book a boy reads is not the
Bible, but his father's life, and it is a sad thing for the son, and a sadder thing
for the father, if when the lad grows and or the father, if when the lad grows and
reads the Book. he finds that it contradicts what he has already
father's life.- ( Fpworth V.ra

Mary, aged five years, and Stella, who was about the same age,
"When I frow up," said Mary, "I'm
going to be a school going to be a school teacher.'
 "Well. when they come to
hip them !"
"You mean thing, '." said stella, as the
vars came into her eves. "What hava

## BALMY BEACH COLLEGE AND

School of Music and Art. A residential school for girls
a day scbool for boys and girls. Regular with kindergarten, and
2nd-year collegiate special courses in MUSIC, ART, EXPRESSION, ANGUAGES, AND COMMERCIAL BRANCHES
all term begins September

Mrs. A. Courtice, Directress
59 Beech Aven E. Tirectress
Tan, Freckles,


Mothpatches, and all dis
cololations disolved, in
aclear ocompexion will be
yours if of wou will accep
COMPLEXION PURIFIER
$\qquad$ been the ideal
complexional
cet bocklet

 miscott dermatological institute


ROCK SALT for Stock. \$IO PER TON oronto Salt Works. G. J. Cuiff, Manager


$\mathrm{E}_{\mathrm{R}}^{\mathrm{GG}}$
$\qquad$

## the Evenne wina. The Golden Dog

Le Chien D'Or.

A Canadian Historical Romance.
Copyright, 1897, by L. C. Page \&e Co. (Inc.) wou mever did, and newor could. Say [Sertal Rtghte Secured by the Wm. Weld Co., Led., what you will, ask me what you like;
London, Oot.).

 nd high their suran
$\qquad$ The young soldier laughed merrils. it touches me to the quick of suspect

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death? It will be worth piving up the flinched nor his pride was
life for, to have the lears of the right. "It was "new Imelie was
Thhale thee in the rullmess of delight: ament your fate. What could th
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WILSON'S FLY PADS
Cowan's

## Cake Icing's

If you had trouble with prepared Calke Icing, it was not Cowan's.
Even a child can ice a cake perfectly, in three minutes, with Cowan's Icing. Eight delicious flavors. Sold every. where.
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 LADIES ${ }^{\text {ºnd }}$ Whitby COLLEGE Ontario



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pelled to go to the city on an anal
of urgency, and had left them t
make excuses. P'ierre Philibert wa the state of affairs. He pitied Le
Gardeur and excused him, speaking Gardeur and excused him, speaking
most kindly of him in a way that most kindly of him in a way that
touched the heart of Amelie. The and enjoyment. The old walls fairly vibrated with the music and dancing of the gay company.
The music, like the tide in the great river that night, reached its
flood only after the small hours had set in. Amelie had given her hand to Pierre for one or two dances, and
many a friendly, many a half-envious guess was made as to the probable
Chatelaine of Belment.

Consumption


THREE SAFE INVESTMENTS






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Central Prison Binder Twine will be supplied
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 These pice are net cash.
The twine is put ut in fity-pound jute sacke,
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ity
iorequired
urchaser pays
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COOPER'S FLUID soothes and heals sore
Udders. It is an absolute cure for Ringworm and Mange, and instantly kills Lice and other Vermin that infest cattle

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saying in which paper you saw this advt. and the number of cattle you have, and we will tell you how to prevent Abortion in cows

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Stallions; 100 acres $3 / 2$ miles from Meafora:








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Mondey and Wednesday. Horses and harness Mondey and wednesday.
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 Farmerr or ranchen : tarting breding clydeo
pure or grade, specially invited to coorereppond. $\underset{\substack{\text { For } \\ \text { Sole }}}{\text { Love Knot (VoI. XXVII) (5826 }}$



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Palpitation of the Heart. One of the first danger signals that an-
nounce something the irregular beat or violent throb. Often
there is only a flutering sensation, or an "all gone" sinking feeling; or again, there may be a most violent beating, wila flushings of the skin and visable pulsa
tions of the arteries. The person may ex tions of the arteries. breath and feel as though about to die In such cases the action of in quieting the
Heart and Nerve Pills in Heart and Nerve Pills in quieting imparting tone to the nerve centres, is, beyond all question, marvellous. They give such prompt relief that no one nee
suffer. Mrs. Arthur Mason, Marlbank, Ont.
writes:- " Just a few lines tolet you know writes:-"Just a few lines to let you know what done for me. I have been troubled with weakness and palpitation of th heart, would have severe choking spel and could scarcely hee but got none to
tried many remedies answer my case like your pills did. I
can recommend them highly to all with heart or nerve trouble."
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late purchases, he will make them
step some


HEREFORDS
.... SHORTHORNS

 7 Imported Scotch Shorthorn Bulls 7

 fred. barnett, manager. J. F. mitchell, burlington, ont.

| Willow Bank Stock Farm SHORTHORNS AND LEICESTERS. <br> Herd established 1855; Hick, 1848. Am offering a special good lot | 1854-Maple Lodge Stock Farm-19 <br> Shorthorn bulls and heifers of extra quality and breeding, and from best milking strains. <br> Lelcesters of fi <br> A. W. SMITH, Maple Lodge P.O., Ontarl |
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| s. ${ }^{\text {ding. Wate }}$ | SE MENTION |

## SHORTHORNS




Belmar Parc. $\quad$ John Doustan, Manager

| Shorthorn Cattle <br> AND LINCOLN SHEEP. | A. Edward Meyer, <br> P. O. Box 378, Guelph, Ontario |
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|  | P. O. Box 378, Guelph, Ontario, Breeds scotch shorthorns Exclusively Twelve of the most noted Scoteh tribes have repre |
| I. GIBSON, DENFIELD, ONT. |  |Choice Scotch Shorthorns


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Manazer.
H. Cargill \& Son, Cargill, Ont HOWICK, QUFE
The l'rovince of Quebec has long been
recornized as the great breading center of
Ayrchire cuttle in Canada, and chatenuAyrshire cattle in Canada, and Chateau-
guay County, south of Montranl, ns the
home of Cuebec's largest and choicest home of Cuebec's largest and chicest
herds, and most anthusiastic breeders.
harrely largely and mosted fonthusiastic breeders,
(hatenuguay County is thickly fact that




 an olthe states. to seeveral hentington, Quio. the west, We come




 An ther breveder of Note in the vicinity




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Nowing recent sales of Shortherorts the
$\qquad$ step some this fall. It is genereally coand
ceded that his stuck bull. Netherhall
Milkman (iimp. winner $\begin{array}{lll}\text { dikd That (imiss } & \text { stock bull. Netherhal } \\ \text { winner of first all }\end{array}$ carry off the tri-colors this falli; and will looks very much with a folbs, record
 dyany of the readers of "The Farmer's 1st. 1909, there has been shince January
Howick Station, Ayrshire fron of over $\$ 25,000$, Ayrshires to the value
cally all over distributed practimales. old or yountr. In this section can Au Ohio sheepl-breeder reports the st the lumyere \$1.66i, 50. Hork. which


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1909
Diarrhoea,
Dysentery,
Colic and Cramps

Nearly overy one is troubled with bowel complaint during the summer months. But, do they know what to d'

WE CAN TELL YOU
DR. FOWLER'S
Extract of
Wild Strawberry
WILL DO IT!
Il has been on the market 64 years, of families.
There are many imitations of this sterling remedy, so do not be led into taking something "just as good" which
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Dr. Fowler's is the original. There are none just as good. It cures Summer Complaint, Cholera Morbus, Cholera Infantum, Seasickness and all Bowel Complaints.
Price 35 cents. Manufactured only by
The T. Milburn Co., Limited, Toronto,
Ont.
$\frac{\text { A young New }}{\text { hable broher of convivial }}$ Who had gone on the ruad.
"Whenever you're in town come up, and
unk with me." he urged his friend as they separated. in No matter what old
time it is. if not there. just go
thead and make yourself at home. Sion after this the salesmman arrived in Soarding-house. There was only a dim
laht tickering in the hall, but he bave
h. weil an mantul pull. Presently he dy of grim and terrible aypect. A Freuth hady iving in London ener at a arpenter to do some work for
atipulated price
sine was sur


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Every man, woman and child begins mind and strength of body according to the first food supplied to the stomach. The best first dish of the day is a bowl of Quaker Oats. The stomach can assimilate it more quickly and with less
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Ill probably buy the regular size probably buy the regular size atry the large size family package More satisfactory. The large pack-

THE FARMER'S ADVOCATE



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 from imported Buttar ram. H. L. STEAD, Wilton Grove, Ont. calf trom one of my best cows, sioo. ed and White, thirten mosths, out of Lady Madge,
by Langord Eclipse, price 75 .
JOHN MILLER, BROUGHAM, ONTARIO,


ERKSHIRES VALLEY HOME SHORTHORNS AND BERKSHIIRES


 Shorthorn Rasid.


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| MAPLE SHADE FARM. |  |
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| Scotch Shorthorns $\square$ ving. ${ }^{8}$ E, Mit drods Royal heads my herd. For nale are young bulls and heifera, show stuff and Torato minere, <br>  |  |
| WHY NOT BUY A HIGH-CLASS SCOTCH SHORTHORN COW, Or a Helfer, Or a Bull, Or a Few Shropshire Ewes, Or a Few Cotswold Ewes, Now, While You Can Buy Them Low? |  |
| I can offer you something in any of them that will make a start second to none. Write for what you want. ROBERT MILLER, STOUFFVILLE, ONT |  |
| SPRING VALLEY SHORTHORNS One 14 months' old imported bull, bred by A. M. Gordon. Good enough to head any herd. Fiive Canadian-bred bulls from 12 to 16 months. Will be priced very reasonable, as we do not want to run them over. <br> Greengill Shorthorns! <br> Our present offering consists of 10 young bulls, from 8 to 20 months. All nice reds and roans. $A$ <br> aumber of them from imp. sire and dam. Prices right. R. Mitchell \& Sons, Nelsen P. O., Ont |  |
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Show Catlle $2= \pm=$
H. Smith, Exeter, Ont.


Scotch Shorthorns Five chaice red SHORTHORNS AND BERKSHIRES


come and se them, Prices moderate
ISRAEL GROPFI, ONTARIO.
FEW YOUNG BULLS and 20 YOUNG COWS and HEIFERS



## Brampton Jerseys

B. H. BULL \& SON,

BRAMPTON, ONT

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## By Its Looks

On the surface, most ready roofings | It is this gum which gives Ruberoid |
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| look the same. |

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Ayrshire Cattle ${ }^{-1 \text { Imported or Canadian bred }}$
action guaranteed.



Stoneycroft Ayrshires Cboice young bulls and heifers of the
ing, combining show and dairy quality.
Larse Improved Yorkshire Piss from imported siree
Stoneycroft Stock Farm, Ste, Anne de Bellevwe, Que.
BETTER LOT OF AYRSHIR Were never to be seen before
Stockwood teats lote of size. just the kinind oor
lock. Young buls from prizewinnin



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| LAKEVIEW HOLSTEINS |  |
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|  | Maple mil molsten -rmestans |
|  | Special oferin |
| ${ }^{4 \%} \%$ R. O. M. cows ; some will make grea |  |
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| haler. | G. W. CLEMONS, ST. |
| RNLEY POINT HOLSIEI | Holsteins |
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| rKson, ontario |  |

## Curre Without Dures

## Wonderful Invention Restores Health by Nature's Method.



THE FARMER'S ADVOCATE.

1094


## Ontario Fall Fair Dates

 Following is a list of fair dates furnished wy the superintendent of Agricul nished by the Superintendent of Agricul-
tural and Horticultural Societies for OnMassey
Manitowa priserve the list, as it will not appear
 Alexandria
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Alvinston Ash
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& \text { Rrampton } \\
& \text { Rurington } \\
& \text { Bavsuille } \\
& \text { Mansels }
\end{aligned}
$$

Monkland Yorkshires



Willowdale Berkshires ! Won the leadiong honors at Toronto
last fall For sale are both sexes and dul ages, from inp. stock on
abth sidee. Show thing a specialty.
 AND STATION. C. P. R. AND G. T. R.' P.



SUNNYMOUNT BERKSHIRES
 C.P.R. \& G.T.R. MERSEY SWINE Imported and home-bred. Sows ready to breed
Boars hit for service and younger ones. either sex
Alas
Ambden Alas Embden geese.
SONS, HARWICH. ONT




HIGH PRICES. WRITE US
F. T. GARTER \& CO.
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Farnham 0xford Downs


Fairview Shropshines

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Hampshire Down
Sheep.
SPLENDID MUTTON, GOOD WOOL,
GREAT WEIGHT
Lnnivalled in rapid and
$\begin{gathered}\text { WONIERFULLY EARLY MATURITY, } \\ \text { hardiness of constitution, adapted to } \\ \text { all climates, and in ouality of }\end{gathered}$ hardiness of constitution, alateded to
all limates, and in qualiy of
MUTTON AND LARGE PRORTION OF
LEAN MEAT.
$\qquad$
Secretary, Hampshire Down Sheep Breeders' Assoclation, salisbury. england.

American Shropshire Registry Association
henry L. Wardwell, president

[^1]1949
THE SPICE OF LIFE
hiswer to the question, "What pas
Holy Scripture bear upon cruelty animals?" one boy said: "Cruel pec often cut dogs' tails and ears, bu Bible says, "Those whom God hath

The teacher of elocution was nearly discitement, to put more expression into heir recitations livimed. "Too colorless You can do
letter than that. Try again. Now ! "riven your mouth and throw yourself into

- immix was ordered to put eggs under
old clucking hen. He did his wort In old clucking hen. He did his work right, and during the conversation next morning, the fact and er her. His
had put thirty-five eggs under
not her said: ".Johnnie, don't you know hat " hen call only cover fifteen or six
cen ergs." "1 know that," said Iolinnie, "but I just wan
old thing spread herself:"
"The editor of my paper," declared the
newspaper business manager to a little nuwsrajer business manager to a little
coterie of friends, "is a peculiar genius. Why. would you believe it, when he draws dollar for spending money, and sends the rest to his wife in another city.
His listeners-with one exception, who sat wither and reflective gave vent to
loud murmurs of wonder and admiration. "Now, it may sound thin," added the "Weer, "hut it is true, nevertheless." re, ned the quiet one; "I was only won
deming what he does with the dollar!"

A superstitious farmer. opening his farm baler, noticed that a spider had been
crushed to death between the pages. He
wrote in some alarm to the editor, in Write in some alarm to the editor, in-
quiring whether the incident betokened
pood or tad luck. food or thad luck, for he was a con-
firmed believer in signs. The editor refirmed believer in signs. The editor re-
Hied that the finding of a dead spider
in the per cold not be regarded by the in the paper could not be regarded by the
farmer as a sign at all, that the circumstances of the fatality indicated that the
insect had met an untimely death, and the only deduction possible was that the column of the paper to find out who with advertising, in order to get next
th- some dead business house, spin his
wet ar ross its door "owner after. Terry, when (in had wandered too far
hand on me shore, Oi suddenly found That there was a great big haythen, tin
teat t tull. chasin' me mid a knife as long fowl tall. chasing me wide a knife as long
an yer arm. oi took to me heels an
for lift miles along the road we had it Min an tuck. Thin Oi turned into the
w. ads an we run for one hundred an witty miles wore, wd him gaining'
we tatty, own' to his knowledge the. counthry Finally, just as Oi could
feel his hot breath -burning' on the back 11.. great leap Oi landed safe on the opand impotent wad rage." great jump." .Wi an' that was no great jump,"
 having been unable to secure seats
h.) parquet, were well located in the raw of the first balcony, where they they had lien further forward on
antlions was agreeably surprised the sombre drama ward, with his elbows on the cushailing in front of him, resting his in went deeply absorbed. As htened up.
dear. how do you like shake asked his mother. "Are you the play?"
an ". said Bobby, with the air of hus made a great discovery,
has
sixty-nine men here that have ants on the top of their heads:
an them five times.

## THE FARMER'S ADVOCATE

## Send Now For Free Book sam

 Learn about the strong est, most practical, most durable and easiest-laid culvert ever made--that's"For more than five years I have been experimenting with our experts to find the BEST culvert for all

round uses. We sough the markets o the world for
one that was one that was
just right; and just right; and it. If we ha we'd have bought the patent rights for Canada. Finally, last spring we struck the idea. Then we put in some expensive months in making that idea better, -and NOW we've got a culvert that is so far ahead of any other there's no comparison."
"You'll read something about it here; but to KNOW how 'way-ahead it really is, you'll want to see the sample (sent free) and read the booklet (free, ditto). With that before you, you will soon see why every Reeve, or Warden, or Town Councillor, or anybody who has any use for culverts at all, -will find it pays to get in touch with me right NOW. I am asking you to lay aside your notions of what makes a good culvert, and a cheap culvert, and find out about this NEW culvert. I don't expect you to buy a foot of it until it PROVES to you that Pedlar Culverts are in a class by themselves, and that you can't afford to overlook them Let us start that proof toward you soon-address nearest Pedlar place."

## 9.p.teder


work and a few dollars will put a modern and permanent culvert in place of a ramshackle bridge. Easily laid by anybody.

## Made of Special Billet Iron, Extra Heavy

 n every size of Pedlar Culvert, which comes in all standard diameters from 8 inches to 6 feet, we use nothing but the best grade of Billet Iron, specially made for us, of extra-heavy gauge ( 14 to 20 gauge, according to the diameter). This Billet Iron is curved into semi-cylinders-curved COLD, so there will never be any variation from exact dimensions; and it is then deeply and smoothly corrugated on a special press that puts a pressure of SIXTY TONS on every square inch of the metal. The corrugations, therefore, are uniform and very deep.Galvanized After Being Pressed Up When the corrugating process is done, the sections are galvanized by our
exclusive process that covers the entire surface with a thick coating of zinc spelter. Every edge, every rev-
ice, is heavily coated with this rustice, is heavily coarof galvanizing, not a spot is left unprotected. This is the only culvert galvanized after being

Will Stand Incredible Strains
The heavy gauge Pedlar Billet Iron sections, deeply corrugated and locked together without bolts or rivets by our compression triple-rib (this rib is flatwill stand cormous crushing strains and neither give nor spring. A thin cushion of soil on top is all the protec-
timon such a culvert needs against traffic; ion such a culvert needs against traffic; and no special precautions need be ob-
served in laying it, -it will stand what
no other culvert can.
Frost-Proof, Rust-Proof, and Wear-Proof This triple-rib flange-lock principle, found only in Pedlar Culverts, not only adds greatly to the strength of the piping and makes a perfect joint-practically as good as if welded-but it also allows for expansion and contraction under cold or heat. Though a Pedlar Culvert, of any length, be frozen solid full of ice, it will not split nor spring a leak.

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## Look At It In The Picture

Gettino dinher-of any meal-takes only half as lonio when you have this Cabinet in youn kitchen. Everything is so handy that cookery is a pleasure instead of drudgery. There's far less mess to clean up afterwards it's so easy to keep the kitchen tidy - and the cook sayes so many stopst, Compact, sensible, and work-saving

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 SendYouOne On TrialYou can pay for the Chatham Kitchen Cabi net a litte at a time, stretch the payments ove
 itseif while you use it. After it has been a week in your litchen you will wonder tow you ever got on without it.
This Cabinet actually is, and I GUARANTEE it to be, better, more compact and more laborsaving in design than any other made. It costs less, it is more comiplete, more convenient, built better-a greit deal better.
The wood-work is the finest selected- Canadian chestnut, beautifully finished in rich, lustrous golden-brown.
The bakeboards, drawers, flour-bin, are snow-white basswoodthe shelves, hard, clean maple-knobs, handles, catches, heavy red cop-per-every part the best material money can buy.

Take it on trial. Pay for it a little at a time. Nothing like it elsewhere.

## Saves Room And Time

Take and try it in your kitchen,-see the work: it does away with, the time it saves, the bother it puts an end to,-see how sensibly planned, how excellently built, how well worth its small cost it actually is. Indeed you will be well satisfied if you buy a Chatham Kitchen Cabinet. It is a most practical converience.

## Get My <br> Long-Credit Offer

The drop-leaves (they'll hold a heavy man's weight) just double the table-top's area. Nothing is in the way,-nothing opens on the table's level. The whole top is polish. od metal,-sanitary, clean, waterproof, Allthe fronts of drawers, doors and bins overlap,-that makes them dust-proof, fy-proof, CLEAN. All the inside parts are fin. slied satin-smooth,-not a crevice nor a seam to harbor dirt or insects.
The flour-bin (that compartment lowest down) holds 75 pounds, has a curved solid-metal bottom, and glides in and out at a touch, on double olfer ball-bearings. Every drawer shuts TIGHT, but never can tick. Every bin slides in and out EASILY. The whole Cabiat is mouse-proof.

## Practical and Common-Sense

 It couldn't be made more complete. Large enclosed closets for heary utensils; plenty of shelves ; shelf rack ; two big drawers ; $-17 / 2$ inches wide, 5 inches deep; three small drawers; three cupboards; two big bins-self-moving; the whole thing 6 feet high, and mounted on double-acting rotary castors-easy to move around. Top is made of extra-heavy, polished zinc that will wear for years and be easy to keep clean all the while. Six aluminized canisters sup. plied free with Cabinet.

## The Chatham Kitchen Cabinet

Saves 500 Steps a Day in Any Kitchen Saves endless bother and clutter

Fully Guaranteed In Every Detail There are no out-of-the-way cubby-holes around a Chatham Kitchen Cabinet; but there IS a handy, easy-to-get-at place for everything that is used in getting a meal ready,-flour, sugar, salt, coffee, tea, spices, package food supplies, knives, spoons, kettles, bread-pans, etc., etc. Let me send you a book that illustrates and describes the Cabinet ; or send me your order for it on trial, with my special credit terms and a guarantee that you will be wholly satisfied with it. Address me personally, or my nearest place.

THE MANSON CAMPBELL COMPANY, Limited, CHATHAM, ONT.



[^0]:    A Great Opportunity

[^1]:    Mortimer Levering. Sec.. Lafayette, Indiana.
    
    

