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Vot. L.
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Royal Purple Stock Specific What we clim for our Roval Purple Stock Specific, the
great farm animal conditioner and fattener:In conditioning and fattening horres you can do more
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You can fatten steers a month earier on the same feed You can fatten st.
by using this specific. You can market pigs one month cartier and have large
and beter piss, thereby saving a months labor and feed and betere pigs. therebyy seving a month's labor and feed.
One stiro tin will be sufficient to develop six to eight pigs
for market. or marke. whany farmers have suid to them selves, "I cannot understand

LONDON, ONTARIO, MARCH 4, 1915.
We will give absolutely free for the asking to any farmer, stock or poultry raiser one of our new, revised books. This book tells how to feed all kinds of farm stock and poultry, and gives the common diseases with symptoms, what treatment to be given, etc.
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All standard varieties, 1 and 2 years old; large, strong and clean; grown with specia are from selected buds for our own planting.

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THE FARMER'S ADVOCATE.


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THE Imperial Oil Company,
1 Limited, manufactures at its refineries at Sarnia and Vancouver a complete line of lubricants especially prepared to meet the requirements of the Canadian Farmer.
Standard Gas Engine Oil, Prairie Harvester Oil, Capitol Cylinder Oil, Eldorado Castor Oil, and Arctic Cup Grease are brands which have been supplied to Canadian farmers for years.
They are known to be absolutely reliable lubricants-each carefully manufactured to meet particular requirements.
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KODAK on the Farm






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Galvanized Pans for sap boiling are clean and sanitary The mathature them in any size desired out of heavy steel. they stand the work and last indefinitely
your dealer does not handle the Wayne Line, write us , and we will quote you promptly.
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## Pin your Faith to Live Stock

The one outstanding feature of the world's farming is that there will soon be a great shortage of meat supplies. Save your breeding stock. They are today Canada's most valuable asset. If you sacrifice your breeding stock now, you will regret it in the near future.

Plan to increase your live stock. Europe and the United States, as well as Canada, will pay higher prices for beef, mutton, and bacon in the very near future. Remember that live stock is the only true basis of economic and profitable farming. The more grain you grow, the more stock you can carry. The more stock you keep, the more fertilizer for your fields. Mixed farming is real farming, not speculating.

BEEF. In ten years the population of Canada increased 34 per cent. while the number of cattle increased only 17 . Moreover, the city and town population, which may be looked upon as essentially the consuming element, increased by 62.2 per cent. while the rural population, or the producing ele
17 per cent.
Study carefully the adjoining table which was prepared before the war. What does it mean?
Only one of these countries increased its cattle more than its people in the past ten years. And, in it (Australia) in 1914 there was a tremendous loss of live stock through an unprecedented drought-a fact which the table does

this table that there is bound to be an increasing demand for beef? Add to this condition, the destruction of live stock of all kinds, breeding stock and young stock included, in the several war zones
Beef is the most important item in the British soldier's rations. He is The ${ }^{2} 1 / 4$ los. ol for meat by the British French and German soldiers is enormous. is enormous.
The war has merely hastened the meat shortage of the world. When it is over, the farmer with live stock will continue to profit in the world's markets, and, in addition to having helped feed our soldiers for having stayed with the live stock industry.

## Sheep, Swine, Horses, Dairy Produce

SHEEP. Canadian farmers have been losing great opportunities in sheep raising and sheep feeding Hundreds for wool is increasig. have been slaughtered to provide winter clothing for the soldiers of the different armies. Australia's losses, through drought, in 1914, were very heavy. Canada has been importing frozen mutton from New Zealand. In view of these conditions, wool and mutton should prove very profitable for Canadian sheep raisers during the next few years.
SWINE. Through the indiscriminate sale of swine in the Canadian West in the past three months, the supply in 1915 pros 1914 Add th the fact that the British soldier is allowed 1 the that sausage is the principal meat food of the German soldier, and you wil understand the outlook for the future Those who stay steadily with swine year in and year out, make money Those who rush in and rush out

Canadian
Department of Agriculture,
ttawa, Canada
generally lose money. "Buy when others are selling, sell when others are buying" applies to live stock as well as to Wall Street stocks.
HORSES. The wastage of horses during the war has been enormous, The estime war has the front, of the cavalry horse is seven days, of the cavalry horse thirty days. It is true the loss has been among light horses for which there has been a declining demand in recent years. But with thousands of such animals sent from this country, the tendency will be to liven up the whole horse industry. The demand of the future will be for high-grade animals and farmer should be more careful than ever in breeding. Use only stallions enrolled and inspected under your Provincia Enrolment Act
DAIRY. Milch cows increased in Canada from 2,408,677 in 1901 to 2,594,179 in 1911. This increase did not amount to $8 \%$ and was less than one-quarter of the population in crease of Canada. At the per capita consumption of milk
by Canadians increased 300. Is there any wonder we had to import Zealand?
The exports of Canadian cheese have been steadily declining for ten years. Look at the market prices today. Do they not suggest the advantage of increased production? Through cow-testing, selection, and better feedur cow in Canada did production per $2,850 \mathrm{lbs}$. 1901 to $3,805 \mathrm{lbs}$. in 1911, but this is only a beginning. Last year one cow in Canada produced $26,000 \mathrm{lbs}$.
The dairymen of Denmark who supply Great Britain with butter and bacon are not satisfied unless their herds average $10,000 \mathrm{lbs}$. per cow. Let Canadian dairymen work to in crease the productiveness of the milch cow. Breed for milk. Tes your cows. Save your calves. Select your mikers. Feed or yield. Read the Agricultral and in the Agri cultural papers, and the Government bulletins on dairying.

## No Postage Required.

Publications Branch, Canadian Departmest of Agriculture, Ottawa. Please send me Bulletins on Dairying, Cattle, Sheep, Swine, Horses. Mark out Bulletins you do NOT want.

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 write for catalogue
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## RIGHT NOW

is the time when you feel the need of a silo most and NOW is the time to order an IDEAL GREEN FEED SILO
THESE winter days when high- ORDER your silo now.

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po fast there is no use kicking
HAUL it home while the sleigh
``` because you dizn't put up a
silo and fill it last season.
YOU must realize that silage DECIDE in which plot you will would save you a lot on the per mern
cost of your feed just now, GET the right kind of seed corn and that with a silage ration ready. you would be getting a much
larger milk flow larger milk how.
BUT the chances are if you wait till next summer again
before ordering a silo, that with lots of green summer feed and your rush of farm work, you may put it off again Decond time

See our agent in your locality. If you don't know his
name write to our nearest office. Let us send you our
name write to our nearest office. Let us send you our
DE LAVAL DAIRY SUPPLY CO., Ltd. \(\begin{array}{lcl}\text { LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA } \\ \text { MONTREAL } & \text { PETERBORO WINNIPEG VANCOUVER }\end{array}\)


ANTHONY FENCE


The Anthony Wire Fence Co.
when some time next summer when you have a spare day or
two you can get your silo up and you'll be all ready for next winter. From the day you order a silo you'll feel a
lot more easy in your mind lot more easy in your mind to know your cows will go
back to better and cheaper .

\section*{The Farmer's Advocate \({ }^{5}\) Home Magazine}
val.

\author{
EDITORIAL. \\ \(\qquad\)
}
that in dinestrone
Clean plenty of seed and to spare
Get good beed and have it ready for the field.
It is a good time now to oil the harness and eet the implements ready for the bield.
In about a month's time the farmers of Canada will have their innings in the trenches.
This season is to witness the greatest campaign ever conducted upon the soil of Canada.
Plan to have plenty of green feed for the pigs this season. That is the only way to make ends neet.
The orders seem to be to seed just a little better than ever before, and these should be followed.
Why should all this "patriotism" cry be
firected at the farmer? his patriotic spirit?

If plenty of pasture is assurred do not sell any of the breeding stock. They may prove more valuable in a year or two.
"We are not creating great armies to win London Times, "but to restore peace permanent ly to the world. \(\qquad\) war against fal!
The worst "submarine" to war against
wheat is spring frosts. Every farmer knows it
wheat is spring frosts. Every farmer helpless to
but like the merchantman, is almost hell
cope with the situation.
Are there any bolts or nuts missing from the implements? You will not know unless you look, and if you do not look it may prove cost-
ly in a few weehs from now.
The pressure of sugar trade prices is going to
stimulate the maple industry this season, providing good Dame Nature furnishes suitable weather
ind ing good Dame Nature furnishes suitable weather,
and would have still greater effect if the extra 'arm labor required were forthcoming.
Farmers interested in increasing their production this year would like to read in the columns
of "The Farmer's Advocate", methods of cultivation found to be successful on other farms. Write for our columns a few good,
practical suggestions on thetter cultivation.

Some claim that the "production" end of th campaign of meetings put on for the special bene and all the emphasis placed on "patriotism.' Others take the other view and think that "patriotism" should have been dropped, and of the meetings attendance and interest at some dropped without seriously handicapping the farmer in his 1915 w....... Most farmers will try to have his patriocting questioned; some would like details as to how production might be increased are, rarely go int flatails, competent as 'they

LONDON, ONTARIO, MARCH 4, 1915.

\section*{A Conference on Cultivation} as 1915 is concerned, must be better seed of heavier yielding varieties, and this placed in more thoroughly worked seed-bed thran ever be
fore. An increased production means more work, and it is time to begin. Get the seed ready. If ot satisfied with the varieties on hand or the weed seeds of the grain now is the time, (if is has not already been attended to), to locate seed of the desired kind, and have it delivered to the granary ready for the field. Ciean the seed twice t least, and three or four times if necessary Plump seed, pure as to variety and free from weeds will produce several bushels per acre more than will shrunken, dirty, cull seed. The fan ring mill, the screen and sieve cannot be used too much.
Much of the success of this year's crop depends upon the way the seed is put in this spring. Nothing can be gained by an increased acreage if the seed is only scratched in." An extra disking, one more cultivating with the
spring-tooth cultivator, and an extra stroke or spring-tooth cultivator, and an extra stroke or
two with the harrow may mean the difference between a heavy and a light harvest next August through their meeding their rustr to be the frrst through their seeding go around wet places in
the fields with the cultivator and drill for fear of miring their horses, and sow a little seed by hand on these places and scratch it over with the harrows. Farly seeding is always advisable, The is not good cultivation to mud it in. The cultivation which is given the fields will mion". a great deal toward the "Increased Producmany little things in cultivation which our read-ers-practical farmers-have learned by experience It is the duty and opportunity of these men to give others the benent or this expericnce, and our columns are open. iet us have an interesting and valuathe ing isue there one opening the discussion on cultivation. Read them, and whether you agree or disagree give us your opinions

\section*{The Manure Question}
question of handling harnyard manure came up for discussion, and as is usually the case, brought out much difference of opinion. As wo see it the chice advantage in winter application has no suitable place to keep manure he will lose less by applying it directly to the soil as mado In winter, provided his soil is not too rolling and too much inclined to wash. If a man has plenty shed in which to store the manure, and prevent leaching or seepare, and keeps that manure well tramped by allowing his cattle thre run of the shed part of the time, and if necessary adds a little water, we helieve he can get the best re sluts possible with manure by handling it in this intorner, and applying when needed and working are 50 situated. Few have the lator and the time to haul manure in spring and summer. Few most a sulame covered and situated so that water runs away from it all situated so that water runs away from it all
and leachings from the soiid excrement. True, many are careless and take mo pains to pile their manure in neat piles and keep it packed solid. Many leave it under the eaves or spread all oven the yard. Many neglect to mix the manure from she different classes of stock, something whic should always be done. So that under average conditions it is considered good practice to spread the manure on the fields in winter an made. This will not apply to all conditions. A practical farmer at the meeting in question stated his soil with or six years he had tried it out on plication unsatisfactory and found the winter ap. on heary nowe in Ans winter on heavy plowed land spreading in winter seemed in the spring, and he did not favor it. There are exceptions to any farm rule buit as a general thing, all phases of the subject considered, win ter application seems advisable where a proper shed and plenty of labor are not available and where the land is comparatively level. Where the land seems to be injured by winter applica tion, of course, it would not be wise to continue its practice. As manure rots it loses in bulk This must not be forgotten.

Too Much Education
According to our last "Scottish Letter" some farmers in Great Britain complain that too much education spoils boys and girls for farm He. We have heard the same thing many times In reply to the common ques almost invariably is, "oh, he took an education and is in the city doing well" । The idea of education the city doing wer lity We not believe that too much education is posetble if the education is what edould be Qur young mer and young women cannot rot too broad a knowledge of things in general to aid them in life, and all education should lead to a knowledge of these things. Is it then our education whicb is at fat or is it that the young man from the farm when he gets that education sees how the bigger interests, located in large cities, are masters of the situation, and decided to take his chance at making good with these interest rather than staying at home on the farm and working hard for the enrichment of the others who have been "educated" to the ways of the worla, and know what the farmer's chances are comparen with those of the men who really rule he roost There must be something wrong with farming and farm life We believe there ith little just not richt in whe bere a why educated farm hoys and farm girls in this country leave the farm, and those who stay on the farm think that too much education is bad is because the educated hoy or cirl sees a little more of how the organized interests get the best of every great national deal. Some day it farm hoys the business of some of these educated back to the farm and use their knowledge, to expose some of the workings of dominating influences in this country. We want education that will fit our farm boys and girls not only to farm hut to take their places in the affairs of the nation, especially in so far as these affect agriculCure. We care nothing for the education that turns a farm boy's heart against farming. When these educated farmers a a alable, and

The Farmer's Advocate and home magazine

\(\qquad\) MPANY (Llmited). \(-{ }_{\substack{\text { chte } \\ \text { Ina. } \\ \text { Ian }}}\)
the Farmers adyocate and home magazine
published every
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nected with this paper shoud be addressed as tellow, and

\(\qquad\)
welfare of the farmer is a bigger consideratio
than party politics, then these men should
sent to parliament, untramelled by party ti sent to parliament, untramelted by party
and right instead of might rule risht here big Dominion, where our farmers get so much interest is taken to keep the wool carrfully pulled over the producers' eyes. While the Big
Interests pat the farmer on the back with ons. hand and tell him what a great follow he is and slip the other hand into his pochet and walh amount of his just dues. W. cannot get too

Nature's Diary

THE HORSE.
Sore Shoulders.
Not only is the Chickade a very congenial
companion, but its economic standing is very habits place it among the farmer's hest friends. E. 11. Forbush, the state Orinthologist, of Wassachussets, says: "Relfering from my own
ohservations that the Chickadees were feeding on the eges of the fall camker worm. I asked Mr.
Bailey to attract the hirds to the orchard hy sus-
pending pieces of tueat.
\(\qquad\)

have more or less trouble with sore farmers will horses. This trouble can, to a great extent in prevented by care and attontion. With horses there is little danger if carre the winter months good-fitting collars and to heme hoth collars ase
shoulders clean. but with colls or older and that have not had prepraration ty more on or lass
daily light work for some weks before regular
work comm.nces, danger is preat. In such caeg the muscles and sking of the sthoulders are candes and soit, hence have little power of resistance to
friction and pressure by the collar. The hair
such animals is usumly
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and in time will eat a considerathe portion of it. such animals is usually long, it the comes wair of with
perspiration, collects in halis. uneven surface upon which is exerted makes an
 We have discussed the advisatifity of cliping dep roving a plentiful supply of food the chicka- the mane is not allowed to remal care taken that winter. As they hecame accustemed of the comfort of the horse it would he good practice the


worms in large numbers, as well as the hibernat
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(hickadee would cat a few hirds were kiiled and
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\(\qquad\) water, this is toth cooling and antiseptic. In collar is padded so as to relieve the affected parts from pressure. If this can be done withne portion of the shoulder is but in many cases
\(\qquad\)
\(\qquad\) will submit to \(\qquad\) 15 inches long, not too heavy, a short 'piece of and when trouble occurs hastens recovery.
Other forms of shoulder trouble are the formation of abscesses or tumors. Abscesses are of
two kinds, viz., serous and purulent. The form-
er contains a thin, slightly bloody-looking fluid,
\(\qquad\)
\(\qquad\) Middlesey
or soreness. Purulent abscesses form slowly and
with well-marked soreness. A swelling which is

Preventing Kicking.
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\(\qquad\) The Horse Question.
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Stallion Enrolment and Inspection.
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Rising Tide. \(\qquad\)
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disgust.

How a Kicker Was Stopped.
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is bright. Do not let anyone think he can raise horses for nothing, neither let him he convinced
that under no conditions does it pay to raise something like the experienced Scotch sheerpman who was addressing a meeting and advising shee caising. He was questioned as to whether or not certain branches of farming paid, and some
feckoned that countiny everything these branches were operated at \(a\) loss. The Scotchman had done well on his farm and his reply contained
considerabie truth. considerabie truth. "Ah well, he sald, "I dinna
cen what paid, hut I ken there was ken what paid, but I ken there was an
paid."
So with the whole situation.

\section*{LIVE STOCK.}

What Does It Cost You to Produce Pork?

\section*{Ventilation a Big Factor in Sanitary Stables.}

It may be a little late in the season to say a
word on ventilation, but nevertheless many farmnection with the over-hauling of their stables during the coming summer, or the building of
new barns and stalles. In place in the country one of the most noticeable (eatures in connection with the stalling of live stock is the small measure of attention which is
given to ventilation.
This is true of the poultry house, the pig-pen, the cattle stable and th of tresh air may be taken into the building by open doors and windows. and that it requires no
apecially prepared outlets to carry off the foul apecially prepared outlets to carry off the fou
air. We were in stables iust a few
days aco which were dripping wet with moisture, having no outlets for foul air, and, notwithstanding the lact that top doors were open, the stabies wer
stufy, the ventilation heing decidedly hid tilation is a co and may be installed at very little cost, especial ly when the building is in course of construction. It is necessary in any ventilating system whic
is to prove of greatest worth to the farmer, to is to prove of greatest worth to the farmer, to
have it simple in construction and built so tha practicaily speaking no time or trouble is in volved in its operation. Complicated system. are a nuisance, and generally prove about as in-
effective as no ventilation at all. As has often been outlined in these columns there are two wellknown systens of ventilation and modifications of these. Some prefer the King system, others
the Rutherlord, and some a combination of the the king system
The King system, as shown in the accompany is drawn off at the floor, and the fresh air enter the stable at the ceiling. It is claimed by the advocates of this system that since carbonic acid
gas is the chief impurity in the stable, and since this gas is heavier than nure air it is likely to be found in larrest quantities near the floor. and, near the floor level. The inlet is shown in the diagram runnine from A to \(C\). The outlet be gins at B . the foul air goes an the thile and out
at a ventilator at the top of the buildint E. It at a entilator at the top of the huilding e. If
is qenerally believed that the outlets which are
put in on either side of the stable shouid be this system it is necessary to provide for it when building the walls and the cross sectional inches. It is easily seen that these is an olviecof so many long pipes or boxes to admit pure THE RUTHERFORD SYSTEM.
\(\qquad\) level, or some tirness under the flor. Mar thy foor
sider the poran shown in our diarram the method of bringing in the fresh air. It is simple in manipulation, and is a system which has met
with the favor of many stocknen who have it inWith the favor of many stockmen who have it in-
stalled. The air current when it enters the
The stable takes an upward dircction, as indicated by
the arows, but the air difuses a hroulo the arows, but the air difuses througlout the
stable very well ventilator in front of the cattle as irrdicated in is ne nlustration. In arranging for the intakes it comingssaresh to construct so as to direct the in-
ros. or horizontally across the room. Outlets also must be carke and straight. The outlets berin visable to have them controlled. Some systenn,
as is commonly seen in an ordinary stovepine: may be used to good advantage. Outlets should
alwave axtend point of the roof, so that it is lietter that they come out throuch the roof mear or at the peak
if possible. These air shafts should be alr tight. ventilating outlets. depends the success of the
system. The total cross section area of intake should provide for at least 15
stuare inches per head of catte or horses housed.
that manas head means one square foot of intake for each 10
he It is generally considered wise to build the outlets with double the capacity of the inlet,
or 30 square inches of outlet
 ns many sides the passible. entering the statles from less than four incres wide and openincses should ive
the Rutherford system the inlat sches lons. In



In constructing new sata ones ventilation should be ore of the first congld erations. Even in the hen-house it is neceessary open frort house wins out in the is where the warmly built structure. Even a cotton a too unless the cotton is kept clean at all times, mag give poor ventilation. Fresh air must be adhave a means of escape, otherwise the air must that building is sure to become stuffy, laden with moisture, and unhealthful for the animals en.

The Economics of Hog Feeding. Perhaps the market for hogs fluctuates more
than for any other kind of live stock. One rear son for this is the ease and rapidity with which they may be bred and reproduced, which, when
condensed, simply means the application of the law of supply and demand. The supply may be manipulated at times, but it is the supply which makes the manipulation possible. Markets for in the past for no apparent reason on the part sent time country and the supply, but at the pres be in symura thy wiook upon the price of pork to the farmer turns off in the form of meat. The raiser of hrogs has always been in a precarious position. Too often for his own good his excelthe same season by a large number on other farms which were established for the same reasons. Prices had been high, breedine stock had brieder of hores The resuts are obvious. The man who did not "plunge," as Prof. G. E. Das An elderly gentleman who had observed the every one else is running you stand." \({ }^{\text {son, "when }}\) good advice when applied to the swine industry, what one slrould first acree with himself as to maintain, number his hreeding stock accordingly And then stand. On every holding where mixed farming is practiced swine have a place. They
are a line or a sideline that will consume a

The Rutherford System


Ex

\section*{THE FARMER'S ADVOCATE}

MARCH 4, 191 :
quantity of by-products and convert a probable waste into a certain prote in the feeding lot, manufacture
corn-fed sters in whey of the dairy into pork or the skim-mie scraps of the ordinary farm table clean function is the same and most and that light. More exshould consider them should the tased upon a minut teusive ope the cost of production, both of feedin
knowledge of hnowfs and pork as well as a pretly accurate have cast of one one brood sow. More are often warranted,
at least discussed in a general way. The vital quest ine least possible cost to the fer produced Grain commands a price that attracts it to
valuable upon which grain can be produced at present prices yet many farmers have a bunch of
shoats to finish, or brood sows that will litter
竍 shoats that must be reared. How is it to be don at a profit?
Inder present conditions the breeder is justiUnder present
fied in spending a good half day in figuring out
ger and anish a litter of pigs. In the lied in spender and finish a litter of pigs. In the
how to rear and first place it will requite all the way rom of grain to protuce a pound of pork
5 pounds of
5 and 5 pounds of grain to proctuce a pound question
dippnding upon the age, of the swine in
and the amourt of milk, whey, rape, clover or and the amour thay be fed in conjunction with it.
alfalfa that make
Cenerally speraking, the required amount of concentrates will be decreased as the proportions of
these roumhages mentioned are increased. Yet to these roughages mence ang pips make better
oisset this advantace souns on a certaim amount of prain than older
gain gains on a certaim amount of then consume the same amount of roughage, and the cors of for each month. In a Danish experiment pies weighing from 115
to 155 pounds required 466 pounds of grain to
4
 225, , y Prof. (A. E. Das, point to the fact that
irom 331 to \(46 \%\) pounds of meal are required to produce 100 pounds of gain in all hreeds of hogs. fred are not consitured in the cost. It is for the meal alone speaking from the knowledge of
iarm operations it woull lie safe to say that from

 confronts ive widwatake farmer during the



Half-bred Shearling Tup.


THE FARM.
A Little of Everything.
about cows eating hones wood etc for advice others. We tried to satisfy our cows by saving (i) the bones, from house and breaking them up so they could chew them, but last spring the
cattie were so craving for something which they Mrere not getting that they were eating the pig laying around, and after they were out to stick list were no better satisfied. Having a pricepure hone meal for sale for poultry. As an ex-
 his year I he weather. out for sure if the soil
on which the maplact grow in any way affects
the quality of the syrup. the quality of the syrup.
In the past we have alIn the past we have al-
ways made syrup from trees that grew or sandy loam, and the sy rup
was amber colored a 11 year we made it from
trees that grew on heavy clay, loam, on an
other farm, and by ma process of refining could
we get anything
whe dark, unattractive syrup
of poor alavor. hi
year we are going back o thr sandy loam for other
led someone cls
With syrup made fro the two woods we call
compare them and see if,
when treated int samé way, we ket differ-
ent results. I know that some people always ket
Canadian-bred Hereford



\section*{}

\section*{340}

THE FARMER'S ADVOCATE
MARCH
fowls are Pied Pipers of Haarlem, guaranteed
riid the country of rats, we should trit to find



 ten ande eleren and when I was awateved ow thi
ellarm clock at siv in the morningy they werei still



 the hawks seemert to like the guinea-com
they killed them in preference to chichens. An
other correspondent in Ianitolat has writen t saxes from his tlock of poultry. So sou see the
fave an excellent reputation. whet ther there is an
have
fundation for it or not have an excellent reputation. whether there is any
foundation for it or not. All 1 know is that the
only thing I hase no the place that can bead
them at making a toise is the com-mheller
thourh its note is not so shrill and penestrating
\(\qquad\)







 patch or cross pups. Muring the late fall of
1914 pelts of foxes bred under the
 1914 pelts of foxes bred under the late fall of
described were valued at \(\$ 1,000\) apiece, and just
 accumulates the demand for heautiful apparel in- the silver-black and standardize the the blood of of
creases, and this demand was so fre in advance of the various litters showirg a good perceny of the supply up to August of last year that of silver-black blood will be cropsed, that
fathuinus prices were being paid for the more ex- eliminating the blood of the reed and establishing pensive kinds of furs. This is the condition that an strain of the desirable kind. This iblastrates
pase known as fur farming is captivity. the rancher pure stock, and forms the ground of the argimpure stock, and forms the ground of the argh-
ment that better furs can be produced in captiv.
ity than in the wilds. menthan in the wilds. In the latter statate opives
ity the
cross indiscriminately, and concentrated foxber itfeck hood may he iost or conventrated siliser. with redi blood. In the ranch the red is beting
constantly discarded, and furthermore the peing constantly discarded, and furt hermore the pelng is
taken when at its prime, which usually occurs
about the firsit of the new woul
\[
\begin{aligned}
& \text { about the first of the new year. } \\
& \text { The productivity of foves bred in captivity } \\
& \text { The quite satisfactory during the season of } \\
& \text { 1914. Four pens wintered on one of the ranchene }
\end{aligned}
\]
\[
\begin{aligned}
& \text { was quite satisfactory during the seaponity } \\
& \text { Four pens wintered on one of the ranches } \\
& \text { 1914. } \\
& \text { previousty mentioned produced sixteen pups. Ten } \\
& \text { pens raised three each and two pens raised five }
\end{aligned}
\]
\[
\begin{aligned}
& \text { important item financially, They are fead on } \\
& \text { horse meat which may be procured for about two } \\
& \text { cents per pound, booken soda biscuits and }
\end{aligned}
\]
\[
\begin{aligned}
& \text { horse meat whech way be procured for about two } \\
& \text { cents per pound boken soda hiscuits and skim- } \\
& \text { conils, at a total cost of atoout one cent per dar }
\end{aligned}
\]
\[
\begin{aligned}
& \text { mik, at a total cost of atout one cent per dap- } \\
& \text { fisher and martin, which are also kept in these } \\
& \text { fanches raferred to, are maintaine }
\end{aligned}
\]
\[
\begin{aligned}
& \text { anches refered to, are maintained at about one } \\
& \text { half of that cost. } \\
& \text { The pen or run, when it comprises a part of the }
\end{aligned}
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\[
\begin{aligned}
& \text { The pen or run, when it comprises a part of the } \\
& \text { ranch. can he constructed for athout } \$ 50 \text {. These } \\
& \text { ranchers in order to forestal accidents with the } \\
& \text { roungr have carpet }
\end{aligned}
\] sidents with the
sof the pen with
liecome alarmed



\author{
From a firancial viewpoint the fox busines
}
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\(\qquad\)
\(\qquad\)

Soils and What They Are

The Farmer as Furrier and
Naturalist
\(\qquad\)


Wiren one takes a caretul glance around and

MARCH 4, 1915 THE FARMER'S ADVOCATE


The Cultivation That Produces Biggest Crops.



Dominion Grange in Annual Convention


 had heen staynant for thirty sears, and cwen in Good said the farmers themseswe must see to it
the West production had come of hate to a halt. that a policy of wise economy is maxintained under the auspices of our various departments of municipalities will be exploited for the reckless

 siluation. It is good so far as it goes, hut it the past will endeavor to exploit the credit of
does not go far enough. It touches only the the rural municipalitics, as set relatively unimproduction of wealth and impers the question of paired. In conclusion Mr. (iond quoted the
distribution. Without equitable distribution pro- words of Sir Geo. Paish to this effect at is cannot reap unlest he is enslaved. I highere the however, of the greatest possilhe importance that Wice of intelligence and skill, thrift and industiv, power of the country hy parine a larger proHor capable management and co operation, thay
make a success of arriculture monder most any

\author{
lator devoted to ayriculture are hess than thos
}
\(\qquad\)
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\(\qquad\)
United Farmers of Ontario Discuss Organization.


THE FARMER'S ADVOCATE.



\section*{346 \\ THE ROYAL BANK OF CANADA \\ \begin{tabular}{l} 
Capital Anthorized \\
Capital Paid up \\
Reverev Funds \\
Total Assets \\
\hline
\end{tabular} Total Assers \(\ldots 180,000,000\)
HEAD OFFICE: MONTREAL Branches throughout every Province
of the Dominion of Canada \\ Accounts of Farmers
Invited
Sale Notes Collected}

Savings Department at all Branches

\section*{to \(\$ 22\) per cwt.; alfalfa clover
\(\$ 18\) to \(\$ 18.50\) per cwt.; alfalfa
No. \(3, \$ 1.50\) per cwt., timothy
\(\$ 11\) to \(\$ 11.50\) per cwt.; timmothy
\(\$ 9.50\) to \(\$ 9.5\) per cwt.; timothy} 88.75

Montreal. very small on the Montreal market las
week. As is usually the case durin
Lent, shippers have been sending in le.
otock than usual, knowing that demand
lor consumption are more easily satistit than during other portions of the year. prices showed no change of consequence. Choice steers. were quoted at 7 icc . to
7 c . per 1 lb . while fine quality were quoted at \(\bar{T}\) c. to itc., and medium grades ranging down to 5 c . per lb . Cows
and bulls were quoted from about 4ic.
to 6 kc . per lb ., covering all qualities.
 Prices ranged from \(3 \mathfrak{c} \mathrm{c}\). to 4 c c. per lb .
There was a fair demand for sheep and ambs, the latter of which held firm in
price, at 8 c . to 9 c . per lb. Ihemand for sheep was not very active, and prices ranged from 4 fc . to \(5 \ddagger \mathrm{c}\). per 1 b . Calves were in moderate demand, and price showed no change, being from \(\$ 5\) to
for inferior, and up to \(\$ 15\) each f
choice. The tone of the choice. The tone of the market for ho,
continued slightly on the easy side, an prices were fractionally lower.
st. for selects, weirhed oft c. Horses.-There was practically no d
mand for horses from any quarter eary draft horses, weighing from 1.5 3300 each; light draft, weighing fr each. Broken-down. old animals. win saddle and carriage animals sold at \(\$ 31\) D \(\$ 40 \mathrm{e}\) each.
Dressed Hogs.-The outlook was
f gower prices for dressed hog were still made at declined. Purchase
 Poultry,-l'rices were steady and d
mand rather dull.
Turkesc ranved tron hickens \(\underset{\substack{\text { serse and } \\ \text { corcing } \\ \text { tin }}}{ }\)


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THE FARMERS ADVOCATE

Gossip.
Edgar Broderick, R. R. R. No. 1, Ementer,
Ont.. writes. thate his seed oats adver ised in another colturn of this issuve and eached us too late to make changee to

 or the sale.


 year when stock is at that season of
 .

\(\qquad\)
\(\qquad\)
\(\qquad\)
\(\qquad\)
\(\qquad\)
the first big sale.
atention is directed to the advertise

mental
at all
photogra
Questions and Answers Miecellaneoue
Fishing
Fishing.
Can a private party prevent me from
fishing off the pubtic hichway in a dary
or creck that croseses the highway?
Rape in Grain




Who Are Life's Victors.
\(\qquad\) When friends deserted or turned ayainst (iod can accomplish. lis will in improv- be spoken to the men who have hasanity
Him. when His careful training nand ing the conditions of the world without world-wide schemese of philanthropy.
 Can we think of that defeating of His less you co-operate with Him. He has what his mastervant is expected to do
unselfish hopes and plans? Would that given you freewill, therefore He cannot where he is placed
 the victory, of the Resurrection ", disappointment and failure, do no rest
oo a thousand times yo The earthy satistid with a merely stocal endurance
hopes and plans might apparently be de of pain: but lift up your head and thank hopes and plans might apparently be de of pain; but lift up your head and thank
feated, and the loving heart be crushed (iod that you can stand beside Him unand broken, but the Man Himself was a harmed by any outward circumstances.
Victor long before the dawn of Easter and can reach out a daring hand in
nay
\(\qquad\)
\(\qquad\)


 If wee want to join the great army of that (iod's purpose concerning us nust
victors we must do it now. What should sarely be fultilled if we succeed in thoine








\section*{}
which-if hravely endurel-make a -mil man oniosine great prosperity and


Cond save our gracious King .
L.ong live our note
Cong live our noble King.
(end save the King:
Send him victorious.
Happy and glorious.
Cong to reign over us the King.
1) Lord our God. artse.
Scatter his enemines
Ecatter his enemies.
Make wars to ceas
Keep us from plague and dearth
Turn Thou our woes to mirth.
ind over all the earth
T.et there be peace.
hiy choicest gifts in store,
On him be pleased to pour
On him he pleased to pour
Longe may he reign:
Ind ever give us cause
To sing with heart and volce.
Coid save the King.
In perfect peace serene.
Keep Thou our gracious Queen
With her abide.
Rest on her everywhere:
Hungarian Shepherd



A Dining-room With Beamed Ceiing and Field-stone Fireplace.
Another kindly reader has sent two
dollars to help anyone in need. 1 shall
spend it on food for a family whose apend it on food for a family whose Giwynnes and Lady Hamitons. the lo at that so many of them gave thenselved Fwynnes and Lady Hamiltons. the tha at that so many of them gave themselves
Rarrys and Madame Pompadours and ail to the mad whirl, and the greater Louise De La Valieres, have given way marvel is, perhaps, that any truly fine before the on-coming of such women as and good women were to be found
Florence Nightingale and Otavia Hill; among them at all. Adams. Marrett Browning: Sane Horio, and Dr. However that may be, comparing the Montessorl. those to whom reference has been made, True, we cannot sit in judgment too it sectrs clear enough that womankind
severely, in regard to the ephemeral ladios has been evolving, and that rapidly severely in regard to the ephemeral ladioss has been evolving, and that rapidly
of past ages. Their time had mugh to pnough. It cannot be denied, perraps of past ages. Their time had much to enough. It cannot he denied. pertang, tains will be that between of the short
do with making them what they were. that the unbending conventionality of fiere that burns speedily dith all the interest of higher education modern times-with its contempthe, the pure, rippling river, bright wit
 and playthings, and that their only woman-has had something to do wit
ome of the stories of the past; and there are those who argue that such repression
is not always altogether good, especially is not always altogether good, especially for the woman of marked ability. But,
the broad general sanity of the world the broad seneral sanity of the world
says not so, and to the thoughtul it appears clear enough that repression may
not be a bad thing for a woman, or for mot be a bad thing for a woman, or for
a man, that there are inner graces that
srow from it and that by acceptance of grow from it, and that by acceptance of
it must the vast order of the world be maintained. Self-sacrifice is always worth

And so we begin to wonder about the woman of the future, the superwoman
who shall arrive as surely as the superman.
Love? Yes, she will love as woman Love? Yes, she will love as woman
must always love. but she will realize to
the full that, in the words of Olive Schreiner, "whoso takes a love not law-
fully his. own gathers a flower with fully his own gathers a flower with a
poison on its petals." poison on its petals." For the sake or
the world, though not, perhaps, for her
own, she will not tamper with that poison.
Nevertheless. in the day of the superSevertheless, in the day of the super-
man and the superwoman, this will be a
temptation continually lessening. It will be realized that the less people
think about sex the better, and so there think about sex the better, and so there
will be more concentration on other
things,-on public service, on the develop-things,-on public service, on the develop-
ment of pure and beautiful art, on the acquirement of knowledge with all its
vast, illimitable interest. Then, when vast, comes. it will be a real love, not a mere muddling of physical confusion
driving into marriage which may prove driving into marriage which may prove
to be all wrong. Men and women who marry will be companions because mentally equal and seeing eye to eye, and
companionship is the true test of the companionship is the true test of the
love that lasts. To quote Olive love that ast. There is a love that
Schreiner again:
bering in the head and goes down to thi ,erins in the head and goes iown to the death, and asks less than it gives."
Nor need it be feared that this shelv ing aside of the sex problem as the
greatest thing in the world will give rise greatest thing in the world will give rise
to a race of cold and bloodless humans dent, bound up only with the short span of human life, it will take its true place, honored, yet subservient to vaster issues, accomplishing all that for which it ex great reasons for the existence of th

The Ingle Nook.
 chance of mountine -
 columns, a sericy of skutches of the lives I have been brought to a halt by one that the famie of sol great a majority of them has hung upon their connection xith some man. The story has been creditable on:--Braum - power expended upon intrigue; manwuvrings for clandes tine meetings: pow.ir dependent upon a aurl, or a winnime nash of the eyes, of "hese and you haw.. twutherd all the high lights, with lit. ...lo. that history ha thought worth whle to hand down. And so 1 han....csitated, again anc mines untoul





been so above r....... that all the de-
tails of them.
which pernet rat........ in a magazine


A Home-like Living Room

\section*{The Western Ontario Consignment Sales Company}
in the City of LONDON, APRIL 7 and 8

HARRY SMITH, Hay, Ont., Sales Manager
\begin{tabular}{|c|}
\hline \multirow[t]{3}{*}{} \\
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Ontario Lightning Rod Co.
nently, to accept such work. There are ashes on a buokshelf, and it he could
people born with a talent for nnd liking have his way he would keep the best of
for manual labor of every kind, and in window curtains dragced uin people born with a talent for and liking have his way he would keep the beould
for manual labor of every kind, nud in window curtains doragked up in a string Those future diass such talent will be and tucked over a picture-frame. Ditring
glad to avail itself of the expert train- colors, on the othor hand, flufy - -ruffe ing that will be demanded, while liking cushion - covers, spindle - lezged flufy-rufle
for Hepple for the work itself will increase with whites, and things that topple Hepples
efliciency and with the model equipment knock over, or stand in the wer or
 will be suppliced.
The woman of the future will realize then, should he chance to have is hee
so it will that it is just as creditable to do one upon a wife who is possessed of no ined
thing as another, provided it will be the satiate craving for eternal change, thines that one lowes. There will be no of course, woman would not be womange sunghery and the elimination of snob- it she did not like pretty things, and
bery will mean sisterhood to a degree new thinks, occasionally, yet, joking of. . . . \(\begin{aligned} & \text { asite, she is wise who looks well to the the } \\ & \text { furisising of her house at the very } \\ & \text { kinning, choosing articles that are }\end{aligned}\)

 in our discussion of lat week ?very best of her time and talents in this heep up to the "latest", in furnishinges to
world, giving to every duty-nimental, well as in clothes is about as brainless
domestic. In her life, aloceve alf things "sane," an with.
 will have so long since recognized women set out: "The House and Its Furnibbas humans and given them their right to
speak on questions of government, that THE DINING - ROOM AND LIVINGspeak on questions of government, that THE DMANG-ROOM AXD LIVING-
no one will think anything about that matter at all. The right to vote will Having disposed of the kitchen fairly
encourage women to read duestions of well, in last issue, let us pass on from government, but better that than to be this, the work-room of the home to the addicted to bridge or gossip or fancy-
work, things to be toiched occasionally,
First, the dining-room: This compart perhaps, in a mild and harmless way, ment, as mentioned betore, need not be ber
but not to become enslaved to. . . \(\quad \begin{aligned} & \text { large, and it may be narrow it that will } \\ & \text { give added space to the living room, } \\ & \text { which should be, it goes without saying, }\end{aligned}\) Whether a Jane Addams, or a Madame the center of the home-lite and the mosi
Curie, or a 11 . Montessori, whether a important room in the house. It should, Curie, or a hr. Montessori, whether a important room in the house. It should,
Rosa Bonherur, or a Lucy Kemp - Welch, however, be wide enough to give plenty
or a Cornelia, the woman of the future of space about the table for serving, or a Cornelia, the woman of the future of space about the table for serving,
will still be a broad-minded, notle whe all the chairs are in use, and it
human, esteemmer herself not too highly, should be long enough to give accommoyet conscious of her power, a blessing
and a benediction to her day and qenera-
tion. And so we leave the thoukht of shat
dati
may
of
on
sho


The House and It
Furnishings

MARCH

THE FARMER'S ADVOCATE.

You Need Not Wear Clothes of Unbecoming Colors
 discard clothes because the colors do not
become you? Follow the example of thoubecome yoll? Fon whify women who use DIA-
sands of thrift With DIAMOND DYES yands D MIES. With DIAMOND DY
MOND DY
right in your own home you can alter thent wifh ease.
 Mrs. C. I. Treat
writes:
"It is very annoy-
ing to purchase a
a ing to porchase a
garment ofuchich you
guis become tired. "Last season I
went to buy a top
coat. I hud made


\section*{Diamond Dyes}
"A child can use them"
Simply dissolve the dye and boil the material



\section*{The Grocer Finds}

that people who once buy PURITY FLOUR cannot be persuaded to take any other.

A woman is naturally proud of her cooking ability and if she is a careful observer, will quickly discover that she makes with

\section*{PURITY FLOUR}

More Bread and Better Bread-Better Pastry Too

MARCH

HE ADIRONDACK SILO, CO, OF CANADA LIMITED The Wm. Rutherford \& Sons Co., Limited


Steef Truss Barns
\(\qquad\)
\(\qquad\)


You Should Have Adams' Furniture Catalogue No. 7

The Adams Furniture Co.
Lim ted

MARCH 4,1915
over the fire until the eggs begin to set．
garnish with parsley，und serve．
Cornmeal and Pork．－While the cora－ Cornmeal is warn，put it into jelly
meal mush in
glasses to mould．When cold，slice and glasses to mould．When cold，slice and ter of pork chops，and serve．
Apple Sondwich．－Mix one－half cup sugar and the grated rind of half a
lemon．Put a layer of cold，boiled rice lemon．Aumbs in a buttered dish，then
or bread crum of red－currant jelly，and a sprinkling of the femon having
is full，haver
over one－half cup cold water，and batig
one hour in a moderate oven，covering
taking it from the oven fipread a
meringue of white of egg beaten with
Gugar over the top．
Roast Spareribs with Dressing．－stun Roast spaid with the concave sides to－
the ribs，laid
gether，with a dressing made of one small stale loaf of bread，one quart of
thiny－sticed apples，one cup，seeded and chopped raisins，one－quarter cup butter
or pork fat，onehall cup chopped nuts．
and grated rind and iwice of and grated
lemon．
\(\qquad\) Molasses，one tablespoon wate，one cup
1
yeast
ne the boiling water over the oattmeal，and
let stand until cool enough，then add the yeast cake dissolved in a a littie lukewarm
water，also the molus ling ter．Knead it with a thake a stith bat－
it to rise，then mome into towes．Allow
to rise again：than his quantuly will make ciluht one hour hree oranges and three lomons，and soak da disshlved in＂t thblesperon bating opper．Add Lw，yuarts cold water ake of the tire and weikh．To ear ound sugar．And theil thirty mound add one t butter to clarity．

News of the Week


Hally has spent samw，muw，wou in mily







\(\qquad\)
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\(\qquad\)
\(\qquad\)
\(\qquad\)
\(\qquad\)
\(\qquad\)


\section*{AUCTION SALE}




Running Water Un Every Floor！ Whit us tidat for antilutr of the EMPRE

 MPIRE MFG．CO．，LIMITED 1200 Dundas Street，London，Ontario

\section*{March 31st， 1915}





\section*{TheBeaverCircle}

OUR SENIOR BEAVERS. [For all pupils from Senior Third to
Continuation Cllasses, inclusive.]

The Gray Squirrel. Hy Magdalene Merritt.
He came one morn when snow lay thick Upon the trazan yroumal,
Within an oak out out hie lawn A little hole he tound:
Some withered leaves were hanging s. Out on a slender limb, Quite sood enoush tor him. The kitchen windows fuccel that way With breaktast steaming hot,
1 thought how hard it was to have A small gray squirree stot And so I took a pan of nuts
And put them by the tree. While there he sut and watched, nor
One bit ufraid of me.
Wach morning out the hole he pops His cunning little nose, the limbs And up and down he gros: And calls so loud and clear, To fred the little dear.

But now he takes them from may hand And nibles, nibbles tast. And finds the meat at last: Oh. how his merry eyes then dance, He cocks one tiny ear,
and chews away so greedily He'll choke somet imes. I tear Dear, happy little carre-tive squirrel. Depending day by day upon The food that connes from me: And trust the constant care. That full supplies my every nee
And kepps me cverywhere.

\section*{Funnies.}
\(\qquad\) Wir ired the kindergart ner of her new puph basithtuly:
"Well, what dow your father a
"I don't know." still morro hasthtully:
 pupil: "T'm there alrenty."

The Mystery of the Old Well.
By Margaree Darling (ase 13), Bracternt

"Where to, Giordon ".




\section*{Buy High-Grade Flour}

Direct From the Mill MAKE the best you've ever tasted.
Prices of flour and feeds are listed below Orders may be assorted as desired. On ship. ments up to 5 bags buyer pays freight charges. On shipments over 5 bags we will prepay freight to east of Sudbury and south of North Bay. West of Sudbury and New Ontario add 15 cents per bag. Prices changes. Cash with orders


\section*{Cream ot West Flour she bard wheat flour that is guaranteed for bread} gUARANTEED FLOURS
Gream of the West (for bread)
Oueen City (blended for all purposes) \(\quad . \quad \begin{array}{r}84.20 \\ 3.95 \\ \hline\end{array}\)
\(\underset{\text { Tower }}{\text { Fent }}\)
CEREALS
Gream of the West Wheatlets (per 6-1b, bak)
feeds
Bullrush Bran
Bullrush Middin
Whole Minitobd Uas
Crushed Otts
Chopped Orts
Whole Corn
Whole Corn.
Feed Cornmeal
Barley Me..1 (Crushed Corn, Oats and Barley)
Genevareed (rath ent (old process).
Oil Cake Me.ll (old
Cotton Seed Meal.
These prices are not guaranteed for any length of time owing
to the unsetted condition of the market.
No order for bran or middlinss accepted unless flour is ordered at the rate of at least
one bag of rour to two b HS of bran or nuiddlings. Special prices to farmers' clubs and Onc bag of four to two bles of
others buying in carloud lots.






Treasure Vallcy
LLisbeth of the Dale.
By J. J. Bell:
\({ }^{\text {Wen }}\) Whiler Thou Goest.
The Campbell Flour Mills Company Limited (West) Toronto

This Free Book Will Save You Money It will start you on the right road to profitable poultry raising. Show you
how to obtain the experience of successful poultry raisers. How to build your own brooders at small cost. The best Hover. The kind of feed to use
for growth and winter egss, and "Reasons Why" the guaranteed

Prairie State Incubators
 Gunn, Langlois \& Co. Limited 19 St. Vincent St., Montreal

Two Minds with but a Single Thought-
and
 that dear. See what I bought!"

Was this afternoong some for you some for myself, and thousht I'd surprise you with half a dozen pairs. Just think, Jack! You and ever so cons-Penmans wear so well.
You cample the merits of
Permans
- Hosiery

All Penmans Products are Made in Canad



\section*{PLAYTINE}

THE PLAYTIME



The Perfection Seed and Grain Separator


Government Standard We are situated in a heavy fertile
clay belt in County of Hadinand


 with order, and if seded do ont entirely
satisty
hack youn an arrivaly you ship them
 \({ }^{\text {RED CLLOVER - No. } 1 \text { Government }} 121.50\)






 AAt price.artere bubtel and are peoced not

The Caledonia Milling Co. Lidd Caledonia, Ont.

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numeraus.

The Renfrew Machinery Co., Ltd. Head Office and Works, Renfrew, Ontario

\section*{THAR POST CARDS Wa \\ \(\qquad\) an tome}

Cotton Seed Meal


\(\qquad\) Also dealer in Flax: Seed anu Linsed Mel.
march 4, 1915



\section*{Fence Buyers-Read This!}


PAGE WIRE FENCE CO. LIMITED


march 4, 1915
THIS WASHER


Royal Dublin Society \(\underset{\substack{\text { GRFAT IRISH } \\ \text { SRRING SHow }}}{ }\)
April 13, 14,15 and 16, 1915


Agricultiral st Perintendent
Leicester Itouse. Dublin. Ireland


THE FARMER'S ADVOCATE.

\section*{BARNS THAT \\ SCATTER LIGHTNING}

\section*{Barn Roofing}

\section*{well give you some hard facts that ought in turn you convert you to metal.}

THE METALLIC ROOFING CO., LIMITED TORONTO \(\begin{gathered}\text { MANUFACTURERS } \\ \text { and }\end{gathered}\) WINNIPEG


For You-a wonderful Book on Farm Drainage - FREE!



 Dominion Sewer Pipe Co., Limited



\title{
PEERILISS PARHICTION
}


 uive of this paperer found things going
dong in the ustal
well thananced was. and the large herd of scotrh and Booth
bred shorthorns ocounit throubt hew win tion. Mr. Morden announces the pas
year as quite unprecedented in the de
mand for Shorthorns, and the total of sales away ahead of, any the total
Tn fact he is lamen year an oversight of his, in selling so many
lemales, and therety reducing hiss herd at oright and the demand bound to in-
crease, but he has the kind of stock the
people want whether it is the big t beavily-feshed scotch kind or the English
bred milknut kind fuses to sell any more females, but haty
an interesting lot of young bulls, two of Nonpareil tribe, and sired by the neted
breeding and show bull Mountaineer by sher yearling is a rosn, Booth sowe English Lady sirmel, by the present sto
bull, Royal Albert, of the olfering for sale the noted Shire stallio
Baron kitchener
prizes himself and the sire of maay
prize wimners and champions; he is
ling, and right evory way, a mon
maker every vear
\(\qquad\)



Circumstances govern cases and I am the victim of circumstances. I was born with an innate love for horses and have spent my life breeding them. I have the largest stud of Clydesdales in Ontario and am forced to sell them, so at my farm. one mile south o Fletcher station, M.C.R., and three miles north of Merlin station, P.M.R., in Kent County, on

\section*{Tuesday, March 9th, 1915}
I will sell by auction absolutely without reserve. 24 registered Clydescales. 12 stallions from one to eight years of age, imported and Canadian-bred; 12 fillies and mares from fools up, imported and Canadian-bred. They are a high-class lot, many of them prize
 grades; 20 grade Oxford Down sheep, and 12 grade Tannworth brood sows.
Conveyances will meet all trains up to noon at both Fletcher and Merlin stations.
Terms: 9 months on Bankable paper for all stock except the stallions, for them 12 months credit will be given, \(6 \%\) off for cash
Write for Catalogue to W. H. Mancell, Fletcher, Ontario.



Price, \(\$ 1.75\) each
Express paid on two or more collary

Lankford Collars
increase horse power. They relieve
horse shoulders at work like slippers horse shoulders at work like slippers
ease men's feet on the job. Open throat principle, and oily,
epringy cotton fibre filling that holds no heat, and the closely woven army
duck-like a surgical bandage, give no heat, and the closel woll bandage, give
duck-like a surgical
exclusiveness to Lankford, as

\section*{A Collar That Can't Fail}
to remove Lumps-and cure Galls or
Soreness-and prevent either Every Soreness-and prevent either. Every
horse working in a stiff throat collar (no matter how soff and big the draft)
needs a Lankford for relief, to keep needs a Lankford for r
shoulders in good repair.
Ask your dealer for them, or write
T. I. THOMSON, LTD. Owen Sound, Ont.

\section*{IMPORTED PERCHERON}

\section*{Stallions and Mares}

We have a larger selection of Percherong than any other frm in Eastern
 An others combit for beautinl illustrated cataloggue.
cut off. Write
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CLYDESDALES AND PERCHERONS
 . H. IASSSARD

MARKHAM, P.O., G.T.R.
Stallions Imp. CLYDESDALES Fillies Imp. We have iust ended the season's how circuir with a practically, clean up of every
thing worth winning and can chow intending purchasers the biggest and choicest
selection of stallions and fillies, imported and Canadian bred, we ever had selection of stallions and fillies imported and Canadian bred, we ever had
Chmpins and Grand Chumpions at common horse prices. SMITH \& RICIARDSON, - COLUMBUS, ONTARIO



Questions and Answers.




 Veterinary.

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Clover Growing-Saw Dust.
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ABSORBINE STUPS
AMEMESS from a Bone Spavin, Ring Bone, Spliat, Curb, Side Bone, or similar trouble and gets horse going sound hair and horse can be worked. Pges 17 in pamphlet with each bottie tells how. \(\$ 2.00\) a kottle delivered Horse Book 9 K free. ABSORBINE, JR., antiseptic liniment or mankind. Reduces Painful Swellings, En-
larged Glands, Goitre, Wens, Brises, Vanilarged Glands, Goitre, Wens, Bruses,
oose Vein-
Veins, Varicosities, heals Old Sores. Allys, Pain. Will tell you more if you write. 81 and i2 a bottle at dealers or delivered Book \\
 \\
FOR SALE \\
CLYDESDALE STALLION \\
Golden Ray [11886] (15655). \\
Dam-Islay Queen (23833); by Loch Sloudet
11398). by Hiawatha (10067); by Prince Robert 7135). by Prince of Wales (673). Fickle Fastion
Sire-Golden Chief (13011); By Fioct 10546), by Earl of Knockdon (10190). by Prince lexander ( 8899 ), by Prince of Wales (67s). tha
Will be sold reasonably, as we are quitting foal setter; enrolled and inspected; can be seen at Iohn Rawling's Farm, Forest. Ontario.
\(\qquad\) \\
ACME FOR SALE \\
Holsteln Bulls 11 months and under, females ali iges. We have decided to give all our attention
0 Holsteins and offer Acme (imp.), by Baron's Pride for sale. He is the only borse in Americs Yound, sure and right and brozen to harness.
liso Torrs Type (Imp.), rising 5 years sure and toundered).
\(\qquad\) \\
Dr. Bell's Yeetrinary Mediaal Wonder \\

\(\qquad\) Clydesdales, Shorthorns, Cotswolds and Clyde Mares and Foals, highest quality, choicest
brevders
\(\qquad\) Clydesdales and Shorthorss. Yours
\(\qquad\)
\(\qquad\) \\
Strawberries \({ }^{-50}\) variniteieses Reapsemite: \\

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A FARMER'S
He hive wite plan her tate in in bus timed
 ITON ACF mint \(12=\)

\begin{tabular}{|c|c|}
\hline \% & book on \\
\hline [ \({ }^{2}\) & DOG DISEASES \\
\hline 4 ta & And How to Feed \\
\hline Mailed free to any ade author. & h. giay glover. v. S 118 West 31st Street \\
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\(\square\)
COMMISSION MEN PAY MORE
600 BUSHELS OF O. A. C.
NO. 72 OATS

TISDELLE'S SEED CORN
High germinatun (crown
TISDELLE BROS, Mifury, Essex Co., Ont.

Tweedhill Aberdeen - Angus

Angus Cattern sile If sou


Questions and Anspuers.


Angus
Bull For Sale


BULLS AND FEMALES A. F. \& G. Auld, Eden Mills, P.O. Robert Miller Pays The Freight Robert vulire. Glenallen ShorthornsSHORTHORNS
Maple Grange Shorthorns
R. J. DOYLE, :: Owen Sound, Ontario

Escana Farm Shorthorns, in


SHORTHORNS

0

GLENGOW SHORTHORNS


\section*{CHURGH BELLS} CHIMES AND PEALS memorial belus a Speciality FTLEY WARPANTED McSHANE BELL FOUNDRY CO.o| |,





Spring Valley Shorthorns
 ylub bras


THE F'ARMER'S ADVOCATE
Questions and Answers. Miscellaneous. Goats 1. Are goats profitable animals to 2. Could they be bought in Ontario,
as I never happened to see any in the Yours sincerely, J. C. M. Ans. - 1. Not generally on good land
ingora goats are said to be valuable on land covered with scrubby bushes.
2. There are a few in Ontario, bu heve are
aderetiso. Secretary's Duties.
what are the What are the duties of a secretary-

\section*{ \\  \\  \\ }

\section*{- -}


Preparing for Wheat-Fertilizing.
1. 1 have o tenacre 1. 1 have a ten-ace field of heary
lay, diry with owld oats, which 1 in
tend to tallow next sumuluer. is I ault


\(\mathrm{T}^{\text {Tit continent }} \mathrm{J}\)-M Transite
J.M Transite
Asbestos Shingles

\(\mathrm{J} . \mathrm{M}\) Asbestos
Ready Roofing
Weather-proof, fir
Yeather-proct, fire
paintant, rects no
paintirk.
First cost cost
J-M Regal
Ready Rooting "Ruber-Type" roof-
ing for general pur-
poses.
\(J-M\) Roofings for Every
Requirement
J-M ROOFING
UMERPonsibility

\author{
THE CANADIAN
H. W. JOHNS-MANVILLE CO., LIMITED \\ Toronto Montreal Winnipeg Vancouver
}

\section*{6-SHORTHORN BULLS-6}
\begin{tabular}{|c|c|c|}
\hline J. M. Gardhouse, & G.T.R., C.P.R & Weston, \\
\hline
\end{tabular}
Poplar Hall Shorthorns \(\begin{aligned} & \text { If you want a herd-header of the hitherem } \\ & \text { possible Indivlduality and richeat ponlit }\end{aligned}\)

 Perd headed by Imp. LoyT Scot. Have for sale, FARMS SHORTHORNS
 C.P.R. \(1 / 2\) mile from station.
GBO. AMOS \& SONS,
MOFFAT, ONTARHO

Many of our Shorthorn bulls are good enough to head the best herds.
CHPIONS
Others big and gromt that will sire the best kind of steers. Elora is oniy thirteen mille trom Guelp.
daily each way.
J. A. WATT, Three Tridu
ELORA, ONTARIO
10 Shorthorn Bulls, 9 Imported Clydesdale Mares
 \(\frac{\text { Bur.ington Junction, g.t.r., } 1 / 2 \text { mile. W. G. Pettit \& Sons, Freeman, Ont }}{\text { SHORTHORNS and CI YDESDATES we have a nice bunch of bull }}\)俍 A. B. \& T. W. Douglas, Lonk-Distance Phone Strathre Silies, all from imported stoch Ontario H. SMITH - HAY P.O., ONT. 12 SHORTHORN BULLS and as many heifers for sale.' Write your manto

PWillow Bank Stock Farm \(\begin{gathered}\text { Shorthorns and Leicester Sheep } \\ \text { Herd established 1855; flock } 1818\end{gathered}\)
 James Douglas, Caledonia, Ont.
Meadow Lawn Shorthorns \(\begin{gathered}\text { Have for sale several well bred young bulld } \\ \text { and heifers also some young cows } \\ \text { fleshy type. } \\ \text { Brite } \\ \text { Brit }\end{gathered}\) C.P.R.and G.t.r. F. W. Ewing, R.R.No. 1, Elora, Ont. Northlynd R.O.P. Shorthorns and Jerseys
 G. A. JACKSON, DOWNSVIEW, P.O., WESTON STATION.
Scotch-SHORTHORNS-English If you want a thick. even feebed
heifer for either vhow or brediof

MARCH 4, 1915


More Milk---More Beef Reduce the "High cost of "Good Luck" Brand Cotton Seed Meal and Beef Caur Dairy Pull 41\% Protein Guaranteed. Insist on the bag with the "Good
Luck" supply "Giood Luck"' Brand-Write
us direct.

CRAMPSEY \& KELLY
TORONTO,

\section*{SHIP US YOUR}

CREAM
We supply cane and pay all express charges within a ray rus of 100
miles of \(B \cdots\).in. Send a statemay ul each shipment.
writb fof fill particulars
The Berlin Creamery Co

THE FARMER'S ADVOCATE

Questions and Answers. Miscellaneous.
 inforcing.
Ont. Ans.-A tank 6 feet square would hold
the required amount of water with small volume to the good. The base or
hotom of the tank should be 6 inches
thick thick, and the walls \(6 \frac{1}{j}\) inches thick.
This would require 16 cubic feet cement and 97 cubic feet of sand and
stone. The proportion should be and cement to 2 of sand and 4 of stone. The is is
the most economical mixture, as . The part of cement will fill the voids between
the particles of sand and the mixture
sand and cement ween the particlest of stone. The the base of
the tank should be reinforced with
rods por rods, placed 14 inches apart, while the
walls should be reinforced with
tinch rods phould be reinforced with \(\frac{1}{}\)-inch
and inches apart, vertically
and 10 inches anart and 10 inches apart horizontally. The
should be placed about 2 inches inside o
the inner wall, and should be put in to
and Rore the cement is placed in the form. A
wash of cement mader in the proportion
of one part cement of one part cement to two parts of sand
will finish the inside off much smoother Raising Squabs.
pigeons, feed, ceare, something about 2. How can one tell the difference be
tween sexes of pigeons?
3. What are best breeds for squab pro4. Where could 1 get some books abou
pigeons? 5. What will keep cows from eating
wood? They get plenty of salt, etc.

Ans.-1. Pure wheat, corn, peas, mil
let and hemp. All must be pure an let and hemp. All raust be pure an
sound. Heating makes these grains un
suitable. The birds must be given comfortable and sanitary place to mat
and nest. They mate at about one year
ald jority are not developed inside of on
year.
2. Even experts are not infallible 2. Fven experts are not infallible o
this point. The Male divulkes his se by his strut and carriage. Csuanly th tic male appearance, about the head.
3. The Honer is most popular. fit" A exhaustively treats this whole matoftice for sixty cents.
5. Give a ration including a fair pro
portion of feed rich in nitrouenous an mineral sulstances; for instance, whe
bran, and clover or alfalfa hay. Kee plenty of sale bowes in the corner of th
salt in litte
manger, or rock salu. Miso five once.



Remember, friends, that cheap fertilizers are poor investments. Remember, riends, you can get. And if there are any better fertilizers than Harab Fertilizers, I don't know their names.


The Ontario Fertilizers Limited, West Toronto, Canada

 BRAMPTON, ONTARIO
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Hillhouse Ayrshires \\
 F. H. Harris, Mt. Elgin, Oxford Co., Ont.
\end{tabular}} \\
\hline or Gordon, &  Write or phone your wants \\
\hline  & Campbellford, R. No. 3 \\
\hline
\end{tabular}
THE FARMER'S ADVOCATE. 3

Cream Wanted
The Oxford District Holstein Breeders' Club

\section*{Holstein Cattle}
Wednesday, March, 24th, 1915
\begin{tabular}{|c|c|}
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"11l - 11 ! 6 hew on hoice young cows and heifers, and bull ready for service. and shom should attend this sale, as we in \\

\end{tabular} &  \\
\hline JIMES RLITIE:
Norwich. President \(\quad\)\begin{tabular}{c} 
W. E. THOMPSON \\
Woodstock, Secretary
\end{tabular}\(\quad\)\begin{tabular}{c} 
A. E. HULET \\
Norwich, Sales Manage
\end{tabular} & \\
\hline aKEVIEW StORK Farm, Bronte \(\begin{gathered}\text { Breeders of } \text { High. } \\ \text { cass Hosteins }\end{gathered}\) & witt \\
\hline \begin{tabular}{l}
Offer for sale, some choice young stock of both exese. \\
E. F. OSIERR. Proprietor - T. A. DAWSON, Manager
\end{tabular} & \\
\hline \begin{tabular}{l}
Ourvilla Holstein Herd \({ }^{- \text {The first }}\) herd in Canada to develola, 311 lb . olve. ver \\
 nhys. If you want a bull backed by Ourvila reputation and records, sired by a 31.7 bl ib. bull. write win
\end{tabular} & \\
\hline LAIDLAW BROS.. & \\
\hline  82:ikkil hull, sires dam 32.17 lbs , sold for \(\$ 7,100\). &  \\
\hline WM. A. RIFE, & \\
\hline VILLA VIEW HIGH-TESTING HOLSTEINS Arbogast Bros., Sebringville P.0., \(\mathbf{O n t}\). & \\
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Questions and Answers. Miecellaneo 18.

wircer 4. 1915


DE LAVAL DAIRY SUPPLY CO., Limited PETERBORO


SUMMER HILL FARM
Holstein Cattle and Yorkshire Hogs



IMPERIAL HOLSTEINS


Five Hundred Good Grade Ewes Any number to suit pura
R. Reil Maple clif Farm, - Otawa Oxford Down Sheep


 Peter Arkell \& Sons, Teeswater, Ontario Alloway Lodge Stock Farm Aberdeen-Angus Cattle, Southdown Sheep, Collie Dogs
Some right good young Angus
bulls and heifers for sale Robert McEwen \(\underset{\text { (Near London) }}{\text { : Byron, Ontario }}\) Sheep. Swine and Seed Corn-Young stock of
both eexes in Dorset HornandShropshire sheep and

 Improved Yorkshires for weare booking orders
 rock is of the best imported strains.
POMONA FARM. Cbour
PO
 \begin{tabular}{l} 
C. J. LANG, \(\begin{array}{l}\text { Prdces reasonable. } \\
\text { Hampton, Ont. } \\
\text { R. R. No. } 1\end{array}\) \\
\hline
\end{tabular} 5 young TAMWORTHS


 sohn Pollard, R.R. No. 4 Norwich, Ont.

THE FARMER'S ADVOCATE

FOUNDED 1868
Questions and Answers. Miscellaneous.

Mortgage Discharge

:

It would be impossince to find a community in Canada and tew where FROST FENCE is not used. Canada leads he matter of wire fence, with the famous FROST FENC works located right in her borders.
The new slogan "Tuy (oorts Made-in-Canada" is having a splendid ffect upon this country sindustridy situation. It applics with particular orce to Frost Fence hecause not only is Frost Fence Made-in-Canada, but
the wire from which it is made is of Canadian manufacture too, which is more THEREFORE, whether you buy on the basis of greatest quality or

\section*{Frost Fence First}

Chickens, Geese and Crops.
2. Are sugar beets good young

WE MAKE OUR OWN WIRE. For one thing, it helps to keep Cana lian workers employed. During the year passed we paid \(\$ 50,000\) to those
workmen who made our wire. This stayed in Canada. Other firms go to ne nited states for their wire. Then again, it's the only sure way we
know of to get the quality we insist upon for FROST FE \({ }^{2}\) CE With cutra quality wire as a starter, we are putting out today a fence "Made-in-Canada" from start to finish.

Trite for our fence catalogue. If you can't get FROST

Frost Wire Fence Co., Limited, Hamilton, Ont.
Maple Villa \(\begin{gathered}\text { Oxtord Down sheep } \\ \text { Yorkshire Hoss }\end{gathered}\)
J. A. Cerswell, R. R. 1, Beeton, Ontario omp
Shropshires and Cotswolds

 ding at Toronto and Otawa exhibitions, 1913 and 1914, and junior champion sow Pairs appliwh
not akin. Stock guaranteed as represented. \(W \mathrm{Wm}\). Manning \& Sons, Woodville, ont
 S. Dolson \& Son, Norval Statit a choce selectun. NEWCASTLE TAMWORTHS AND SHORHTHORNS
 LARGE WHITE YORKSHIRES \(\begin{gathered}\text { Have a choice lo of of } \\ \text { in pis } \\ \text { Boars ready tod }\end{gathered}\)
 Hesmen, H.J. Davis, Woodstock, Ont. Long-distance'Phone. C.P.R.G.T.R. DUROC JERSEY SWINE, JERSEY CATTLE


TAMWORTHS \({ }^{\text {Elmfield }}\) Yorkshires Mat himw

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\(\square\)
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\hline 208 V17 & \\
\hline \multicolumn{2}{|l|}{Sired by Adonis Imp. 5749., and out of ewes that have won many prize- at bis and local shows. I have high-class flockheaders and high-clumewe lamb, also shearlings of both sexes, York-hires both sexes, any age.} \\
\hline & \\
\hline \multicolumn{2}{|l|}{} \\
\hline \multicolumn{2}{|l|}{} \\
\hline \multicolumn{2}{|l|}{Sunnybrook Yorkshires ohips at Toronto and Otawa exhibitions, 1913 and 1914, and junior champion sow Pairs anpplte dville, Ont.} \\
\hline \multicolumn{2}{|l|}{BERKSHIRES From our prize-winnink nerd of larm English Berkshires we have a particulam S. Dolson \& Son, Norval Station, Ontario} \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
NEWCASTLE TAMWORTHS AND SHORHTHORNS Boars and sows all ages, sows bred others ready to breed, all descendants of Imp. and Champlonemili \\

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\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{\begin{tabular}{l}
DUROC JERSEY SWINE, JERSEY CATTLE \\
In Durroc Jerseys we have wither sex of any desired age, bred from winners and championstor
\end{tabular}}} \\
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\hline & \\
\hline \multicolumn{2}{|l|}{TAMWORTHS Elmfield Yorkshires ooars and sows 2 to 3 3/2 m
ing stock.
Can sump Muma, R.R. . . No 3 . Ayr.
35 ring 2 , \({ }^{\text {Phon }}\)} \\
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MARCH 4, 1915

\section*{FREE LAND}

For the Settler in NEW ONTARIO

Millions of acres of virgin soil obtainable free
at a nominal cost, arc calling for cultivation.

 For full information as to lermss:
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