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that every possible means for facilitating the werls be employed.
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## Farmer＇s Ydvocate

LONDON，ONT．，and WINNIPEG，MAN．，JANUARY 4， 1906


$\cdots{ }^{-1}$ some resolution，indeed．We commend，also，th our which would，we belicve the general adoption oi himself，Sor the country，and for the world： how they lessen yicel how weeds are increasing，and deternined to sow and increase work，and $I$ am fruw patches of noxious weeds as it is，but they shall not spread if I can help it；and I can，and I will go further，and enter on a war of extermination． hat others have done 1 can do ．cannot make a seed to grow，nor have I any influence over the weather，but I can prepare the seed－bed carefully，and，by thorough tillage cultivated crops，increase largely the annual arns from he son，and I will．
＂．lhiscouraged，until this scason，by the ri
turns，apple culture has been neglected，but I c $n$
not afford to be without a sufficient supply for
the possibilitits of profit in the orchard．Spray
ing may be disagreeable work hut I will do it
for it pays．Pears also，and plums，cherries and small fruits，which are so delicious，and of which so many larms are bare，shall be planted as needed， ＂Realizing more and more the value of ma nure，I shall take pains to app＇y it carefully and to prevent its waste in either liquid or gasious form．To supplement manure as a fertilizing agent．clover shall be grown largely，as its value for such a purpose has of late years licen refeated－
$\qquad$ somehow，their brains seem， am going to depend more on my own thinhing than 1 have done，white，at the same time， more open to receive hints from other sources． producing only THE BES＇T doing so if I find out som everything，and in wing so，if make public something worth knowing cocare，that others may know it to，＂． For Beth Sexes－＂Contese to tol Fast，I shall in future striveng to failure in the farm home attractive by trees，lawns，veretable garden，general tidiness，paint，papers，books， music，sprightly and intelligint conversation
． My thoughts and interest shall not be lim－ ted to my farm and family－for that were，indeed， poor way to live－but whatever is for the ＂elfare of the country generally shall have my suppert and co－operation．＂
＂I shall seek so to conduct myself that the profession of tilling the soil shall be raised to
its proper place in general es imation，as con－ ducive to thr ft，honesty，pure living and intelli－

These suggestions we leave to our kind reaters， with the hope that the hints given may be far HAPPY，GOOD NEW YEAR．
$\qquad$
$\qquad$ arth is the most important labor of ma：．．Man ay be ciriized in some degree without great
 th his distant neighbors，but without the cul－ ation of tarth he is，in all countries，
$\qquad$ carth，he is a roaming barbarian．Whent tillage hegins other arts follow The farmers，

## A Fonword Policy at Grelph

A Fomward Policy at Gralph． Canada，by the establishment of one in op－ eration at Truro，N．S．，another expected to com－ mence its work at Winnipeg next fall，and still another planned on most elaborate scale，in course of erection at St．Anne de Bellevue，Que． should serve as the only stimulus necessary to induce a vigorous forward policy in the mother of these institutions，at Guelph，Ont．，which，with the prestige it has attained，should spare no effort to maintain its position as the foremost agricul－ tural university of America．To this end，it seems to us，a little introspection is in order just now，to determine whether there are any depart－ ments which need strengthening or more elaborate equipment．There is，to our mind，the need of nore altention to horse breeding and the has That sone is evident from the high standing of the 0 A C，students at the Chicago Interna－ tional，where，among six American college teams， the Canadian boys who captured the trophy in cat－ tle，sheep and $\varepsilon$ wine，stood a good second in judging horses．At the same time，it is no secret that what has been done was accomplished in the face i difficulties，and，moreover，the competing team， drawn from the fourth year，during preparation was accorded privileges to visit various herds and studs，which the other students are deprived of， and the fact that they have done well is no argu－ nent that they are incapable of doing better． The truth is that，while male and female repre－ sentatives of the leading breeds of cattle，sheep， for breeding，experimental and class－room farm poses，there is not a single stallion，nor any mares or geldings，except those kept for working and driving purposes．The instructor in torse judging，Dr．J．H．Reed，usually supplies some ight horses from his own stables for the students 10 score and judge，but for the most part，the numbers and types of horses available to illus－ rate the several breeds and classes of horses are quite inadequate，one of the greatest drawbacks being the total lack of entire males．In a country Where thr horse is universally employed，where soil conditions and climatic and ment of an exuort－horse industry，whe develop－ needs are so great，and where of all places own account of the winters of our northern climate the horseless age is a chimera，it is astonishin that the matters of horse－breeding，horse－judging and experimentation with this indispensable class ir stock should have been so long neglected at this anter of live－stock and agricultural re search，and it is to be hoped the lack will be promptly supplied by the judicious purchase of hales and females of the leading breeds，to be eept on the farm as cattle and other stock are now kept．With this innovation，we believe spent by the students in increased amount of time ing horse－breeding problems horses and study the recognition of the importance is indicative problems，we find the National Governeereeding United States inaugurating at and in conju the with the Colorado Experiment Station an tended demonstration in the production an ex－ coach horse，us described recently in the＂Farm－ cr＇s Advocate．We know of nothing better cal clated to increase the attendance of the 0 ． ，，or likely to be fraught with more bemefit to he students and to the Province generally，than he inauguration of a strong，up－to－date horse departmen
the Parmer's Advocate and Home Magazine. THE LEADING AGricultural journal in the DOMTMON:
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 ALL COMMUNIC
tith thio poperications in roferentite tod to any matter coanected Addrow-THE FARMER'S ADVOCATE, O THE WILLIAM WELD COMPANY (ROextroit romons cinmana
ay the Province. Statements have been given out that the Provincial Government purpose establishing a school of forestry, and hints dropped that its location would be in Toronto, in con-
nection with the Provincial University-a very sure way to invite its failure. To get the right stamp of student material for future foresters and

There are other branches, also, that deserve attention. There is a feeling that the horticulministration, more thorough and comprehensive work in research, and improved instruction methods. Good work has been done, we bel eve, es-
pecially in vegetable gardening. The climate is, admittedly, a handicap in fruit culture, but stil. considering the future possibilities of horticulture oars: every branch of the College should be pulsating with the present-day energy of Canadian growth and progress. There are other departments which have done and are doing good work,
but which would be all the better for a little dynamiting. The stress of competition should We believe that the minister, Hon. Mr. Mon teith, can count on the backing of the agricultur al community in providing ior a policy of expa There is a tendency in come aph iters it seen. to take things a trifle easy. Recreation is all
right, and no one earns it better than the man who is carrying on pedagogic or investigative
work, but we confess we would like more active earnestness in some quarters around the institution, and a little more of that spirit of intentness which binds a man to his work. Lawn tennis and football
but they will never solve
but they will never solve the problems of agm proportion as a man's interest
on the lawn and the playground, his alue to th institution and to the country dectinns the
treerent onent at the O. A. C, is one for the
dynamiss of action.


## HORSES.

An Act to Protect Horse-breeders of the Province of Manionots.
We print below a copy of the essential clauses of a
. Horse-breeders' Act." prepared by the Secretary and Executive of the Horse-breeders' Association of Mani
toba, to take the place of the old Horsehreders' Manitoba is proposed to present the revised Act to the May in all probability be expected to become and it
maw in that Province. It embodies quite largely the Terri-
torial Ordinance, which covers torial Ordinance, which covers the same ground, and
which has worked very satisfactorily. The proposed be of interest to horse-breeders generally : registration of stallions.

$$
\begin{aligned}
& \text { 3. Every person, from or company, standing or } \\
& \text { travelling any stallion for profit or gain in Manitoba } \\
& \text { shall cause the name. description and pedigree of such }
\end{aligned}
$$

$$
\begin{aligned}
& \text { shall cause the name. description and pedigree of such } \\
& \text { stallion to be enrolled in the Department, and shall }
\end{aligned}
$$

$$
\begin{aligned}
& \text { 4. Such owner, when the stallion is pure-hred, shal } \\
& \text { pay to the said Department for such enrollment and }
\end{aligned}
$$

$$
\begin{aligned}
& \text { pay to the said Department for such enrollment and } \\
& \text { certificate the sum of two dollars : provided, that in the } \\
& \text { case of a sale or transfor dit }
\end{aligned}
$$

$$
\begin{aligned}
& \text { case of a sale or transfer of a stallion once so enrolled } \\
& \text { the new owner, upon filing proof of such sale or trans } \\
& \text { fer to him, and, if required, surrendering the original }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Ier to him, and, if required, surendering the original } \\
& \text { certificate, shall he entitled to a new certificate of en } \\
& \text { rollment upon payment of the sum of one dollar. } \\
& \text { 5. In order to obtain the Department's endorsation }
\end{aligned}
$$

Liens for services.
14. The owner of any stallion holding a certiticute of enrollment for such stallion under Section 9 of this
Act, or his agent, may tile in the omce of the clethen Act, or his agent, may file in the omice of the clerk
the County Court of the judicial division in which owner or person in charge of any mare upon which such stallion performs service resides, within 18 months after
such service has been performed, a statutory declara(a) The amount of service fee.
(b) That the same is

$$
\begin{aligned}
& \text { (a) The amount of servic } \\
& \text { (b) That the same is uny } \\
& \text { (c) The fact of service. }
\end{aligned}
$$

A reasonable description of the mare The County Court clerk shall file the suid
declaration upon the receipt cents. declaration, and complying with the provisions of the fee and costs, as hereinafter provided, upon the ice in respect of which the said declaration is filen Which lien shall take and have priority over any an
all writs of execution, chattel mortgages, bills oi sale enforcement of Lien 16. If payment of the service fee is not made befor
he first day of January in the year following the yea In which the colt or filly is born, the owner of the said
stallion, or his duly appointed agent, may at any sald before the first day of May following, take possisssion Of the colt or filly upon which he has such lien as
aforesaid, wherever the same may be found. aforesaid, wherever the same may be found, and may
proced to sell the same by public auction, after proceed to sell the same by public auction, after giving
the person in whose possession the said colt or filly Was when taken ten days' notice in writing of or fuch in ention to sell, which notice may be elfectually given
to such person by delivering the same to him person ally, or by posting the notice up on the door of such
person's last known place of residence in Uouth 17. The proceeds of such sale shall Manitoha. in payment of the reasonable expenses of the taking of possession, giving of notice and conduct of sale, not in
all in any one case exceeding ten dollars : next, in payment of the said service fee ; and the balance shall be paid, of demand service fee ; and the balance shall be
person from of the stallion. to these possession such colt
$\qquad$
$\qquad$ on summary conviction to a penalty not exceeding $\$ 25$.
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年利h before a notarycublice-bred stallion shall make
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THE FARMER'S ADVOCATE.
es and breakings o it. Trregularity in the times
of feeding, resulting in the pigs getting greedity
hungry, and, when their food comes, gorging themhungry, and, when their food comes, gorging them-
selves, sometimes brings The plan of keeping a small heap
and ashes in a corner of the stye or yard is most and ashes in a corner of the stye or yard is most

## The Four Great Beef Breeds.

## SHORTHORN

This class of cattle was formerly known as in which it originated. The term Shorthorn was probably adopted to distinguish them from the Longhorn breed which prevailed in the same counstill preserved in its purity in Fingland, althoul in very limited numbers and confined to few dis ricts, while the Shorthorn has proved its righ become popular in many countrifs and in all quarters of the world, ony coung largely and in all purpose character, the cows in its earlice history being generally gond milkers as well as beef pro-
ducers. The precise origin of the breed, case of nearly all the other British breeds of catthe, is involved in much obscurity. It is lut just to say here that for much oi the information given in this article we are indebted to Sanders' excel
lent history of Shorthorn cattle, from which we freely quote.
The Romans, Saxons Danes and Normans wh turn brought cattle with them that were crossed on the native herds, and
this, in part, accounts for the variety of these, while the modifying infuences of climate, shelter and treat ment doubtless had much
to do with the origin of breeds. Thus it was that in the rich pastures of Durham and Yorkshire and especially in the Val comparatively large type of cattle existed several centuries ago-the ances-
tors of the modern Shorthorn. For a long time there were two independent strains of ancestry, Holderness, which were later blended through the indiscriminate crossing o claimed that a dence It type of cattle existed the Yorkshire estat Earls and Dukes
Northumberl the sixteenth the sixteenth cen-
tury. Betwern the
years 1730 and 1780 years 1730 and 1780 many eminent breeders gave attention
to the improvement of their cattle. Some of the bulls with Finglish
numbers, $\begin{gathered}\text { Herdbook } \\ \text { appearinc }\end{gathered}$ in the pedigrees of Shorthorns we r
Lorn in the eight Lorn in the eight eenth century, ${ }^{\text {t h }}$ h
Studley Bull
$(620)$ or instance, one o the first great sires the breed, having
been calved in 1737 At this date it was not customary $t$ oreserve the name or even a description
of the cows from which sires in ser vice were descended the pedigree being bull line exclusively and many of th most noted founda tion sires wer
known by the name


Alestair (28217

## Smithfield Fat-stock Show, 1905.



Madeline
 property of His Majesty the King, the Royal Farm, Windsor. Winer
the breed championship and reserve for the grand championship at
capacious chests, thick mossy coats ment shit with a great deal of fine flesh spread evenly al over the carcass, and his handling was supurio which counts for very much his day, a guaity t evidently did in Hubback's time. Charles Colling. who had heard of Batew. Il and his wonderful success in the imprownu nt of
the breeds of 1 ,eicester sheep and 1 onghorn cattle by in-and-in or close bheep bing. visited Dishley-
the home of Ro' ert Bakewell-mad. a cill
uer acand bred by John Hunter, a brick
rayer who kept otre difce littble cow, a good
milker, and handsome, which ran in $t$
the town of Hurworth, afd 9 a
showdu's Bull, also in Hurworth,
of his theory and practice, and in the followin iving not far from I'arlington one oring Charles Collin. some into Darlington market weekly, noticed learned thent veal calves, and upon enquiry, learned that they were the progeny of a bull be-
longing to Mr. Fawcett, of Haughton Hill. Th's bull, then known as Fawcett's Bull, afterwards
called Hubback, was at called Hubback, was at the time serving cows ait
a shilling each. Chas. Colling, on seeing the bull Was not particular'y impressed with him, but bor, Mis brother, Robert Colling, and his neigh-
bor, Waistell, thought better of him. bought him in April, 1873, for ten guineas (about (50), when he was about seven years old, and time. Chas. Colling, having. changed his opinion of the merits of the bull, offered his owners eight guineas for him, and they sold him. Chas. Colling kept the bull two till he was fourten Mr. Hubback, who used hin name when Colling sold him, and he was the figa Shorthorn of that time, and his dam was small but of fine symmetry, with a nice tous $h$, and finc Hubbe, mossy hair, all of which choice qualitio Hubback took from her. As size was a meri
torious point in Shorthorns at the prohable the Collings discarded him for that lack more than any other. Yet, his reputation amons the breeders was. greater then thet of any ith r
bull of his time. It is said that his stock hald he named Duchess that was the foundation wh of the noted family of that name that in middle of last century became so popilar that the dispersion of the Campbell herd, at York Mills, in 1873 , a cow was sold for $\$ 10$,
two others for $\$ 30,060$ and $\$ 35,000$ and the whole herd of 109 head for an avectiv $\$ 3,504$. The original Duchess cow was descon at as a "massive, short-legged animal, of a beami ful yellow-red color, her breast near the , promin
her back wide, and her handling (uality In 1786 Chas. Colling purchased from Mavnard, of Fryholme, for 28 guineas. the
called Fan horns of the old Teeswater type, and comine long a well-established trive . The , amd comine from this com
was after changed by Mr. Colling was after changed by Mr. Colling to Lad Mis Myy
mard, and she became the ancestress of solut.
$\qquad$
$\qquad$ of Shorthorns, and is credited with ing ham
quite equal if not superior, to that of his brother
Charles. as evidenced in the pult and there is no gainsaying the fare-reachime in
fluence of the bood of this bull in the ment of the bread some cven crediting himp with Thos. Bates. onne of the most distingulst ha d
thuse who followed the Collings, went so tind
my early "It "ase that had opinion of goond beon for Hubluat Shorthorns would have boen, valuable bublirely losed
that where Hubback's blood wald that where Hubback's hrod was wanting there
was no real merit," We have dwelt upon the
history and record of this bull as we spall that of other noted sires of later date, because of the great importance which experience and ob-
cervation has proved should be given to chataster in a bull, and especially to the handling quality

## The Hog Question. <br> inge the mesent hog spestion. In a late regsue of Tariff Commission mocate," In noticed, when the of farmers waited on that Commission, asking them to rermove the duty off American hogs com- ing into ing into Canada. I also noticed that Ir. Smaie ropereenting the advocated the fame thing. I Can at Guelph, why the

 duty the proveding-housis would want the present duty removed, but why a deputation of farmerschould talk such nonsense I fail to sice. We all how that our bacon has a better reputation in
the English, market than the American product,
which,

 moved and the bonding system continued, it
should bo branded American and sold as such
Ir. Smate said that sometimus they coull




 the houding high time something was done with during the past seven
thenthe 50 son live hogs have been tunt Canada and killed here, on which the Government they received mot one dollar. The present state
of the hoge business is not fair to the farmers of
this country, and if we the this country, and if we (the farmers) fot half a
show we would produce all the homes oul packerg
could hat Cardwell Co., Ont. (ile ) 10WNFY. Whititor's Note--The Tariff Commission were wore told that removal of the duty on hogs, hut judicially. We doubt the Canadian farmer prowould rosult in the marhet being flooded with cheaply producason when they colld fumer or moct packer woudd not carry on businesk umader such
conditions. 1

## THE FARM.

The cost of raising pigs, suin Prof G. W, Ma,
the ontario Agricultural Colluge, at one of the sessions of the Ontario Wintur Fair, is on. Which
has attracted a good doat of and has been discussed it considerable length in


Southdown Yearling Wethers. mithfield Club
Sundringham. cation of which we
speak theause in an agricultural country the soil ecomes the true capital stock of the people, and the mental and material interest has, therefore, true fundaas been waterial significance. Our farm practice strained to check it we shall soon be confronted with There is, I adm shortage, nor is there any danger of a dissemination of knowledge that will radically change farm practice. It is a common saying that farming depends more upon o a final conclusion it will be found that the cause was due to an education secured in some way. Take theuld be more of a problem on the farm than else whould be more of a problem on the farm than else-
where economic conditions were fairly and evenly adjusted. Neither would there be ground for complaint concerning the values of farm produce it they ere ixed the essing exceptional opportunities by way of intelligence and capital
When the college has attained its full usefulness as nducation is and wave come to recognize what sound here will be less call upon the stations for educational fort, and, consequently, more time for investigation. The farmer does not see the value of prolonged inll of our forees and provide agricultural tol with roper and useful material. We daily witness large reas lying ide because we do not know what to do ight kinds of plant food, vet we are unable applying ervice in making available essential anable to be of Stupendous losses of live stock occur annually because we have no remedy. Insects prey upon our plants emedies. 1 cite these hacts not in a spirit of criticism, b
ay be incited to greater activity.

Limit the Lensth of Institute Mentings and similar meetings are heing held Institute suggest to secretaries the desirability of would he duration of the meetings, with a vew to cur ailing the verbosity of some of the platformers, vital part of such meetings-and wiscussion-the ip at a more convenient hour than is the case. Short, crisp meetings are the idcal, they draw the come to be the rule in a locality good. As a means of securing such the most suggest the observance of a few rules are more than the hour advertised, whether there 2. Limit the time of each on hand or not five or ten minites' notice before his time is him This is the only way to handle some of the wind 3. Limit the discussion on each subject This has the effect of getting them down to their mutton more pror.ptly. Close the people to get home to supper. Most people wa supper
and hear all there is to get their money's worth, o be able to do it without inc omen folks at home. from the bad example of Parliament, and shut
who is allowed to speak aftr 5 oclock $p$. m.
should have something very important should have something very important to say.
One other point we might add is : ol . programme advertised. We remember one meeting where half a dozen people who had come long distances to hear a talk on silos, went away dis approinted because the local president, who didn't
believe in silos, switched the speaker off onto an alternative subject. This sort of thing is bad policy ; give the people what you promise every

## The Credit System.

| Ke your most timely article on |
| :---: |
| edit," I want to say "thank you |
| ing so forcibly to our notice what is, I think |
| midable leak in the whole round |
| operations. How |
| arners have had their |
|  |
| air achievements lessened by the |
| uggle to meet the maturing implement no |
| , in a great many cases was |
| have been incurred if ca |
| However, farmers, for the mod |
| buy on credit for the reason of ina |
| ash, but largely because the |
| ed payment is dangled before them by the |
| ewd-witted agent. 1 am satisfied that |
|  |
| dy unnecessary, or at least not imme |
| e been bought and the inevitable ma |
| given therefor, for no other reason b |
| he Luyers, were first approa |
| man, and fina!ly succumbed to the |
| g -deferred payment. The cure |
| asy, and you need not count on the |
| ation of the manufacturers. Why? The hatis |
| ht |
| uld be a tremendously diminished demand |
| ere |
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| tput would be needed. But |
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| w an agent as an agent on my place. I |
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How May Our Institute Meetings be Improved?

| discuss here and now some m <br> $I$ believe that the surest Interest is the employment of agement get a number of the of the community to prepare plenty of time allowed on the cussion after the speeches or the discussions are invariably Let just as much weight atta be met in increasing the att Such procedure would not local men, but often they distance. <br> local men. it is an excellent <br> the meeting and thoroughly these essays should be assign length should be limited gramme. This plan has bean cess in some Eastern Ontario being limited to boys we think it might be advanta chosen nemghbo <br> should <br> topies <br> be introdaced. |  |
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of that particular breed, can find readier sule for his for a certain extent, hut we are realizing to-day animals because his neighbors are engared ine the same that greater ditiorences can be made where
business. business. Buyers can obtain a choicer lot of stock at weights and the made in the hands of an intelligent and capalini.
less expense, and the whole trade is benefited by the macter fact that that whole community is making a specialy Maker. To bring this in a practicable and for hat one particular thing, and have learned to produce cive vou as an example the reallts and motho better to breed one class of horses, cattle, sheep and of two creameries in iny district this season, Because whole communities have specialized, the live with nearly the same amount of fat produced stock of (ireat Britain has become famous.
fordshire you will find little else but Herefords; in
Shropshire, little else but Shrops. in the Sontish iniy Shropshire, little else but Shrops, in the Scottish dai y
districts, little else but Ayrshires, and so on through-
 In this district we are so situated that the raising
of draft horses might be made a more remunerative business than it is at present. We have the right class
of mares, and if more farmers had an intelligent understanding of the demands of the present. day heavy-horse market, and were taught to mate their mares with sires
that would produce the proper type, to raise animals worth from a quarter to half as much again as those now raised. If they knew detinitely just what is desired in heavy horses they could produce them
more uniformly. The function of the intitule more uniformly. The function of the institute and the
duty of its ofticers is to provide for districts such an
this men who are capable this men who are capable of teaching and of demon-
strating exactly what a high class, modern, marketabl. just as practical as the local conditions will permult. The lecturers should be men of initiative, men who are
capable of appreciating and summing up local comdi-
tions, and of determining just what particular stamp of sire should be userm, and would produce the best results.
And so on, whatever particular phase of arriculture thi And so on, whatever particular phase of agriculture the
community was adapted to. We believe in this district community was adapted to. We believe in this district
specialism, and we believe that the institutes should, in
as as great a measure as possible, foster and direct its de-
velopment.
H. B. S.


Received the Harmonica in gosd c ndition th you sent me for obtaining a new subscriver t
the "liarmer's Advocate." for which please ac cept my thanks. It s a very nice one, and the
little folks appreciate it very hirhly Wishine little folks appreciate it very highly. Wishing you
all a prosperous New Year
$\qquad$
THE DAIRY
Re Mo.sture and Overrun in Butter making.
 allowed, through ignorance or carelissnus sis ovcrchurned, or the buttermilk drawn before in deal of loss in the yield and quality of bre Instead of grading high, it may be very low. The
object of churning is to cause object of churning is to cause the minu'e fat
globules to break through the that surrounds them and unite, forming large ones, until the desired size is obtained. small, or about the size of wheat, the buttermilh
is more readily removed, and cach granule is more readily removed, and cach granule s sur
rounded by a thin film of water when washed that the greater number of granules the mor peratures are otsserved in churning. to have the the
granules the right size and shape the tomper granules the right size and shape, the temperature
and amount of wash-water such that will give us
a good even quality day after day we wil hive accomplished a gond deal in the art of butter During the Dairy School term of 1904-0.5, at
strathrov, we paid special attention to this a Wrathroy, We paid special attention to this mat
Mckaying to forlow instructions given hy Prof
Momes. Iowa, which revealed to us in
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 cents per pound, this made a total loss of
161..-This method, practiced in our crean--
crius, has the tendency to make the patrons di:satistied, makes proprictors heep) down makers Wages, and spend as litlle money as possible to
Ward improving and equipping their creameries (reamery No. 2 has a d fferent a appect the mo
ment you come in sight. Everything is neat and tidy inside and out, with up-to-date machinery
in good working order. The maker is ready in rood working order. The maker is ready to
change ideas, and uses good judgment in an in-
telligent way in evervthing he dows telligent way in everything he does. He keeps a
daily record of all trmperatures and acidity takes
an average sample of the cream, and weighs all an average sample of the cream, and weighs all
cream delitered from wagons each day, thus findcream dewcred from wagons each day, thus find-
ing out iust wher, he is. The amount of crearm
riceived for month, comparing with No. was $4,5,000$ pounds, or 17,500 pounds less, testing 30
per cont equalling 13,500 pounds fat, manufacper cont. equalling 13,500 pounds fat, manufac-
turing 16.200 pounds of butter, or an overrun of
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$\qquad$ from woen 50 and 51 degrees. The churn was filled hamstive chird to one-half full, so that an ex10 minutes. The agitation was suh thit the
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Pw. E. Island Fruit-growers Meet

Nova Scotia I ruit-growers.
The forty-second annual meeting of the Nova
Scotia Fruit-growers Association was held in An-
napolis Royal
cen cember. The gathering was large and enthusiastic, and much interest was maniiested in all the questions discussed. The President, Ralph S.
Eaton, of Kentville, in the
 in succession was disappointing, and possibly the Association had not come together with quite
the elation of spirits over our work the elation of spirits over our work that had Liten
manifiested in former years; yet, if wo would study the conditions carefully, we we would find much that
was Was encouraging. The average return of about shipments that have gone forward frem the heavy tinent to England, speaks volumes for the stabil-
ity of the persons felt satiskied. Not before have so many $y$ control our worst enemy ability to thorough before has there been such marked evidence of th efficiency of Bordeaux when applied early of the
thoroughly thoroughly. This feeling of certainty regarding plication of the fungicitd. We are not likal ap have again for many years sure not likely it weather when the pollen of the stuch undavorabl
in its most sensitive condition. in its most sensitive condition. Then, again,
trees have had a rest, which should count in
income income of 1906. The ocean transportation thes
tion, which was so serious for free from criticism. Serious for many years, seems
cultios ine competition creasing yearly, and we cannot business are an exception. More study is necessary to to be us to fight our enemies, and only the fighter realls: stacles and standing up apainst overcoming ob Prof. F. C. Sears., of the N. S. Acricultura College, followed with an address on . Agricultura The professor illustrated this practical talk with
trees and limbs brent cides and limbs brought to the platform. A de-
cide in the methods brought about in the past five years. Instead of long bare arms reaching far into the air, devoid
of fruit spurs and hearing of now is toward low-headed. well-deve tendency now is toward low-headed, well-developed traence
well set with fruit spurs-in fact, a buysiness tree rather than ornamental,
The growing of nursery stock a was discussion at this time, and, incid wastally also under vantage and importance of incidnntally, the adgrown trees, rather than of uatring morizing home fhe San Jose scon. Our present immunity from in our favor, and was wha a very important point
importations from should not be jeopardized by importations from scale-infested seopardized ceived-operation in shipping and... marketing tion was introducod at this meeting. The que polis, who pointed but very forcibly the of Anna-
in expensers and system of packing that wo of a more unifur system of ca-operation. Mr. Tupper claimed thal salung of from ten to twenty cents per harre we are now subiected, ard a larger quantity of
 As nanal. at this annual meetion houses. cussion, Much interest was expliniterl in the dis the past season WI II Mack of Woprayille. and operated hy him this seas.on. Mr Mr hlack
given the matter of power spraving much
tion the mat.
 generally conceded that very satificutory results
 and in many instancus absolutwly clean
The question of a uniform Canada avain cume hwiwn

Scota uses the minimumu stund ird barrel, holdi ninetr-six quarts. as opposied to the burrel in Muart-it is inlt hy our people that greater extent than against in many markets to to

cel iustifice
difference in size

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barel in slenty large corough maintain that our
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a product as the apple to best advantage, and
barral of the minernment to ostablish a standard
throumhout
throughout Canada.
olved, that this Asesolution was passed: Ra
solved, that this Association was passed, Rition the Nomin-
ion Government for a uniform harre tom
 ing a definite quantity.

THE FRUIT MARKS ACT,
Inspectors Vroom and Fitch were present a he meeting, and discussed the several phases
the Fruit Narks Act. Mr. Vroom snoke par cularly of the great improvement in methods
packing and marking in the packing and marking in the five years since he
had been connected with the Department said that there were with few instances of deliber ate fraud coming to his notice. The bulk of the
apple shipmonts are apple shipments are well packed, and the mark-
ing asually complied with the ing asually colmplied with the law It was nec-
essary, in the interests of the trade. to doffine a
No. 2 apple. At present many chingers ware No. 2 apple At present many shippers were infraction were not too highly faced this was no
concernod taw, but in the interests of all concerned. a No. 2 apple should be defined as
No. 1 already is. while culls, if the market da

S. C Parker, berwick, N. s.
mands such, should be so specified. This ques tion was discussed at tength by the Association thent to amend thas passed asking the Depart. aple must be Aot, cerning wiat a No. 2 assigned to Prod Orchard Practice," was the topic Coun went fully into the most' apperoved mr. Maof handing the orchard speaking particularly of
thorough cultivition conern fertilization, advising all fruit-mrowers toving and
 The proposed Federal Convention of Fruit"f the lopartment of Agriculture, is looked forCurious Provinces are divided may on which the sented to the satisfiaction of anl The following
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Sinds, and produce in quartity a prementing with





encouragingly and, of the Local Government, all, spoke
ry, which they tully of the fruit--krowing induleading ines of the farmed was destinecd to bosinewing indusProts. Macoun the farmers' business in the near outure.
tical addresses.
All .ars als als delivered excellunt
neded now was practical horrtugeture here, and what wheall of th
teatur
le. Walt
Walideted Sones, Principal of the Macdonnuld Con(uong the whe great intersest that whas duwel Mr

Shillul horticulturists in the fulure furmers ind morn
The Original McIntosh Red Tree
$\qquad$
variety. The McIntosh Red is one of the most
luscious apples grown, and has increased very
rapidly in favor goring the
trees of thisy variot., wherever grown, trate Ail
origin to the time-homered sperment on Mr. Mc-
Intosh's farm.
versary Wear is the want alobration of circulation fonth anni

as these bees, unlike the old bees, remained wher put. Several of these sets of combs were put to-
gether and a queen or mature cell given them to torm a colony. Supers were added as needed, and swarming controlled in this way. Other
well-known methods, such as ". shaking ", the bees, were give
R. F. Holtermann, Brantford, Ont., stated that he used a twelve-frame Langstroth hive, that he
found the bees required plenty of entrance venti lation, and to keep the bees content in the supers, super ventilators were adopted by him. These ventilators were not used by the bees unless the
queen got in the super and a brood chamber was made of it. Then, plenty of super room, giving a large storage capacity in proportion to the brood-chamber, was important. He had as
many as four extracting supers on one hive, and many as four extracting supers on one hive, and
less than two for each hive should not be thought
L. A. Aspinwill, Jackson, Mich., in his address Oh " The Non-swarming Hive," endorsed what Mr. not management to prevent swarming was after and thought he nearly had it. The main idea was to use a fifteen-frame Langstroth broodchamber, and when the flow began, to put slatted
dummies on outsides of brood-chamber. and interchange every second comb with these dumn es, selecting the best combs of brood to put between the dummies.
The question of tinkering the tariff on comb honey to exclude foreign honey was of some in-
terest to Canadians, but it. was decided not to make any effort in that direction.
Mr. A. Gill, Longmont
Mr. A. Gill, Longmont, Colo., U. S., under
Short-cuts in Beekeeping,", gave some excellent advice, particularly applicable to the beekeeper who is also a general farmer. He said, have ap-
pliances of most modern kind, have uniformity pliances of most modern kind, have uniformit,
in frames, etc. Destroy poor colonies in the fali do not lose them during the winter or spring. .. The Dietetic and Hygienic Value of Honey, by Dr. Eaton, Chicago, more than warm discussion, by the Doctor, in re
ply to a question, giving its food value by chem cal analysis compared with glucose, but harmony was restored by a further explanation along the
lines of digestibility, etc., a difference which is now known by every well-posted feeder of stoch ment from Mr. F. F. Philips, who is employed by the Government at Washington, D. C.. He stated that, contrary to the investigations of Cheshir
Cowan, and others, in Europe and Kenzie and Harrison in Canada, and Howard in the United States, no bacillus alvei had been found in specimens of the disease, foul brood, and th germ of this disease had yet to be found. It may
be here stated that, aside from various State Fix perimental Stations, the Federal Government ha organized a departmient at Washington for apicul tural investigation. He stated there were plenty management, but the natural history. Comparison was made as to the work carried on in the dairy and poultry industries for their advance Benton was on a trip to Europe and Asia Mr. Frank varicties of bees. A main apiary was established at Washington; a queen-breeding apiary was at Arlington, near Washington; one to experiment
with diseases six miles from Washington: a substation had been established in California, and bees sent for testing purposes to Alaska, where
they were doing well. R. F. Holtermann, Brantford, gave an address,
demonstrating with his hive, the subject heing "Mi-
gratory Reekeeping ". gratory Reekeeping.,' He Condemned strongly a
statement going the rounds of the II. bee journals that bees could be Whed on wagons done, it was never safe.
The Ontario Department of Agriculture recrives an encouraging notice in the following resolution,
passed unanimously
Resoly great help which Federal. State and Provincial Government can be by hringing before the public
the value of honey as a food, and the method of utilizing and keeping the same, and in connection of such bulletins as No. 146, " Ises of Fruit,
Vegetables and Honev," issued by the Department of Agriculture for Ontario. Canada. That a vont of Agriculture for Ontario, Canada. That a wot
of thanks and anpreciation he tendered Hon. N.
son Monteith. Minister of Acriculture chiff of the Department, and that a copy of thi The National Beekeepers Association embraces elected by ballot. sent through the mail. annually They protect their members against spiteful perse oney The offereare ( 1 ) Dadant Hamito honey The officers are : C. P. Dadant, Hamilton
Ils. President: Hon. Geo. F. Hilton. Freaborn Mich. Vice-Pres.: W. Z. Hutchison, Flint, Mich Manager.

Don't put it off any longer. Renew your sub-

## POULTRY.

## Pure Blood in Poustry Raising.

## that well 1 ago we entered a barnyard in whic

 dominated. The askied the farmer the breeding was a motley collection, and were told that there some Orpington Kock, a Hitue Black Spanish, the laying qualities of the tlock by introducing a top cross of Leglorn blood. Talk about mixing drinks-that man had a mixture there that would rods ! poultryman's chances of success at forty combination? In his own mind he thought he would produce a general-purpose fowl ; really, he was getting with each succeeding year a further cross between "no good " and "good for noth-ing." The value of pure blood in poultry denends on the ability of such stock to reproduce its kind along fixed lines of type and conformation, subject, of course, to such variations as tairds that along any line of breeding. Select
bure-bred. If you want chickens for market watch for the cockerel standing straight and firm on short legs set well apart, good long keel. A pure-bred bird, having in herited this conformation from a long line of ancestry, will, if he is of good sound constitution cross-bred we can hope for nothing but dis appointment and failur
If the egg yield is

Bronze Turkey Hen.

then it is important that, in addition to breed you take particular care to secure a laying strain.
In any breed there are families that have beon
bred with bred with greater care than others, and there is
frequently more variation between different strains
of the same of the same breed than between the different
breeds. Above all, in the selection of laying
stock, as in the production fix in your mind a deduction of birdis for market for the mark, and remember that you are never
likely to attain that object by the promiscuous crossing of breeds, so common on many of our farms.

## Dressing Turkeys.

```
Whe have celebrated so many Thanksgiving ant-our home. It is beromme a more un-tone visitor a
there is little to learn in regard would apprat
these popular birds for the feast. But at the
same time, it is so common to see fine young
poults ruined in the dressing that it is as well
to learn the right way before any more are
wall, the turkey caugh,t and its wings loched or
tied together. A stont cord should be fastened
downwards. The jugular vein should be cut with
a sharp penhnife across the outsould of its throat
and afterwards the kmmfe should lee driven into
Those who cannot successfully accomplish this
feat may dislocate the neck first. The bird
```

should be hung up immediately and picked rap towards the tall, as a downward pull to
feathers towards the head may toar the delic skin. On no account must the birds be scald When all the feathers are removed the turke
should be lightly singed, the head cut off just should be lightly singed, the head cut off just
the ears, the neck-bone cut of close to the jun tion, leaving the long piece of skin intact, the beauty of its whole appearance will be great-
ly enhanced if the breast skin is unbroken ly enhanced if the breast skin is unbroken. Th.
feet should be cut off and scalded. They, with thin neck and half the gizzard, liver and heart, will make excellent gravy. A deep incision should be made between the left thigh and the body. gizzard can then be grasped and drawn out with
the intestines. When the bird is entirely the carcass should be wiped out with a damp. clean cloth, but it should not be washed, as this removes part of the juiciness of the flesh. The sausage meat or chestnut stuffing, if liked. The crop is filled with bread-crumbs, parsley, lemon (i) be run behind the wings and one behind the legs. carcass pressed together compactly and tied with stout cord. A heavy weight should be placed on turkeys should be cooked breast downward the breast meat will be dry and tasteless
Ganges, B. C.
(MRS.) OCTAVIUS ALLEN
NEWS OF THE DAY. Canadian.


Trease of $\$ 20,000$, of

According to the report of the Provincial Bureau of
Mines. Outario, in 1901 , produced minerals to the value
The net earnings of the Trmiscaming Railmay for the

One hundred archeological specimens from the In-
perial Museum of Tokio are on their way to the Pro-
incial Museum in Toronto
Mr. C. M. Hays announces that o section of the
Grand Trunk Pacific, between the Touchwood Hills, the
western end of Mactonald \& McMillan's contract, and
Fimmonton, will be placed under contract within two
months

British and Foreign.
Charles Serhes, the iamous American capitalist, is

Fom Japan to the has been appointed First Ambassador

Wexander I. of Russia has been restored guaranteed by
Official returnc of the ,eerent Xow York mayoraliy

On December $28 t h$, aiter riots of almost unparalleleat

THE FARM BULLETIN.

## ON THE FIRST PAGE OF THE HOME



## East Prince, P. E. I.

Son, followed by a week of fine, mild weathe season, toinowed by a wek of fine, mild weat
1onh brought another storm, with nearly a
snow, and it bot
 coating of snow, without any ice, there is a guaranck of a full crop next season. Many wells throughout the Island have been dry, or nearly so, during the past two months. The fall rains so far have scarcely been suff-
cient to repplenish the water supply in some wells; under those circumstances some would of the deep another big rain before winter sets in to stay,
The great Winter Fair of Eastern Canada, which was held at Amherst., Nova Scotia, December 4th to 8th was the writer's first opportunity of visiting gas. This whis kind, writers I Irrst opportunity of visiting a fair inded highy pleased. $A$ very
this marked improvement is reported in the quality of naery
all the exhibits over other years.
The catule, sheep all the exhibits over other years. The cattle, sheep
and pigs were of good quality, and the show of poultry on the second foor was simply immense, and the main
who could not selcet a cookerel toond enough to her who could not select a cockerel good enough to head
his flock with was pretty hard to please. The haod his flock with was pretty hard to please. The good
old Barred Plymouth Rocks were the most numerous of the many different breeds shown. The Buff Orpington
were also very numerous. It was a sight worth seing In another room was the dressed a poultry, dressed in a manner which brought the highest price when placed on
the market.
The birds are well fasted before killing the market. The birds are well fasted before killing
the mode of killing is by breaking the neck, and allowing the blood to settlie in the throat; the head and and feet
ire left on, and they are not drawn t the feathers are left on the lower part of neck and on the wings. It is claimed that poultry dressed in this way keep better
and the meat is sweeter. excllent. $A$ Holltein cow of thyical dairy ypews ecored
117.9 points. This cow, with another of the same herd. with a record of 72 ibs. of milk a day, were soll
for $\$ 86$ each which was very cheap quality considered. Some good individuals of the other breeds were shown A Jersey cow scored 102 points. Each evening the large auditorium was packed from top to bottom. Dr
Reid. in delivering his address, snid that the Amhersil Reid, in delivering his address, said that the Amhers
Fair was a credit to Eastern Canada, and that even the Guelph auditorium was not as large, "and if it were, said he, "we could not fill it with the numbers assem-
bled in the Amberst building.". At good number of P. E. Islan farmers were prean at the Farr, an evidenc ow of this kind, which is purel.
more interested in a shows agricultural-no side-shows, horse trot or balloon ascen
sion. The exhibits trom the sland Province were no numerous, but the quality was most excellent. We can
scarecely compete with cattle, especially beef breeds, with
cur our Island breeders are generally successtul in carryin ply to our horses, which are far-famed for their excel lence.
This is certainly a banner year for our farmers-a
cond cron of everyhing good crop of everything, and a good price for almost
everything we have to sell. Pork has kept tu wonder pound is the price pald for a good article; oats aro 35 c . and 38 c . for white and black; hay, loose, $\$ 8$ per
ton ; pressed, $\$ 9$; lour (roller). $\$ 2$ per cwt.; potatoes,
 Factory butter is worth 24 cc . to 25 c . ; many butter fac tories will run all winter, which is a good sign of pros
perity
Eggs are
20c, and will likely
to higher.

## Graduates Ontario Veterinary College

 erinary College were held in the College buildings onDecember 21st.
The following gentlemen, after passing iners, were awarded diplomas: Thomas H. Boyd. London: William Brice, Macdonald Hills, Sask; Car! E. John A. Cordick, Tara; Samuel E. Coterin), New Lomdon, Wis. U. S.; Peter A. Dewar, Bowod ; Ben. T.
Gibson, Merritton; William R. Hawke, Medicine Hat,
 Man.: P. B. Lebrosse, St. Eusene : Truman L. McCon-
nell. Warsaiv, N. U., U. S. William H. Mahon, Tittsfeld, Wass., U. S., Fred Morphy, Rochelle, France:
Charles H . Newton, Barcie. Fred C. Pearce, Petrolea :

 Primary Examinations- -The Toltowing genten
Kain, william G. Moore.

Fevery time you put it of it necomes hardor 1 them
Renew your subscription now, while $y$ oun ar
thimkdeg abont it thiwkling about

Improvement of Seed.
$\qquad$ from the crops grown at the branch Experimental Farms
at Indian Head, Susk., and at Brandon, Man., will be distributed this spring from the Central Farm, Ottawa, consisting of oats, spring wheat, barley, Indian cor
(for ensiliage only) and potatoes to be sent this year will be 4 ls., and of wheat o,
barley 5 los., sufficient in each case to sow ono-twen potatos will weigh 3 lhs samples or motian corn and Oats-- Banner, Wide-awake, Abundance, Dollar, Improved Ligowo, Goldfinder and Waverley. Rurel and White Fife.
 Eanacian Thorpe and Stuney. Midnight. Compton's Early and Lonifollow , Antor variectes, Selected Leaming, Farly Mastodon and White Cap Yellow Dent.
Potatoes.-Carman No. 1, Early white Prize,
Rochester Rose. Early Andes and Late Puritan.
Omly one sample can be sent to each applicant, hence also receive one of wheat, sampley or onts he cannot
of tatos.
of names than one sample for one household cannot be enter-
tained. TThese samples will be sent free of charge
throush the mail Applications should be addressed to the Director
(Dr. Wm. Saunders) of Experimental Farms, Ottawn and may be sent in any time before the 1 st of March. aater which the lists will be closed so that all the
samples asked for may be sent out in good time for
soming.
Parties mritine should ant variety they would prefer, with a second sort as ait alternative, and should the
these varieties be exhausto
 potatoes will please hene appying for Indian corn o. avalabile for distribution until March or April, and
that potatoes cannot be mailed fromi here until danker
from frost in tranait


Outdoor Treatment for Tuberculosis. cattle at the Experimental FFarm Sumper the herd of
found to be tuberculous.
Io as an to mas of the exict onotition of ao as to maks, the ane perfectly sure
tor a second test. it has now been found out trat.
told of seventy head, about sixty are tuberculous. It has
been decided to oscertain whether there is any possibili-
ity

 possible in the open air, with only an opren shed tor
sheller; to be fed reasonably well and to be watched
careafuly and tester what the results may be. The rest of the animals are


## P. E. Island.


$\qquad$
Considerable of the tarmer's vroduce-many to bave not
now, end is quite a tax, as the price of coall has it
creased to nearly double it was ten years agro. Sof
coal from pictou so sydey




 fields seing so wind swopt in winter makes ago and there difili-
cult to gat clover to succeed.
We have no public lands here of any account, and,
consequenty, the system of forestry we will have to
tollow would be to set each former to tollow would be to get each farmer to plant and care
for a bush lot on his farm. At the rate that lumber is advancing in price. we will soon seo the necemity of
conserving what we still have and also phanting for the future. The conmon white spruce grows quite tha
here, and makes 区ood roush hoards and scantling. The
fir and white ninc
 The euestion of forestry tizo enonch for stove wood
cussed here, and we have only berinning to bo dis
push it. Thare has been no planting done, but man
who have still some bush on their farrun are realizizna th who have still some bush on their farma are realizing thy
value or it ando are doing their tept to to protect it troun
fires. We hoie in the near fill fires. We hope in the near future to see a move begm.
toward reforesting some of our bleak, bare hillsides thil at present are not returning much revenue from ag aricul-

## Christmas in Sweden.

 ONE DAY WHEN THERE ARE Neither rich If you were in Sweden on Christmas eve youwould hear the church bells begin to ring at fiv would hear the church bells begin to ring at five
o'clock, for everybody stops work then, and the restivities begin in great earnest everywhere in
the kingdom. Class distinctions are forgotten and servants are allowed to sit at table with the family. After supper comes the universal Christmas tree, for Sweden is one of the early homes
of this beautiful custom. On Christmas morning at 6 oclock, while Q body goes, unless you stayed at home to mind the lights in the house, for every home in the
kingdom is illuminated. There is almost sur to be a deep snow, and you would go to church two boys standing on the runness and holding pine torches-a beautiful spectacle as a long pro-
cession of sleighs glide over the snow on a forest road. These torches are stuck up in a circle
around the church. A whole week is given to good cheer and hospitality.
Even were it not foek is given to birthday of the Saviour, Dec. 25 would rank as of eminent persons whose natal day it is. Curious-
ly enough, however, we seldom think of the beginning of the career of any one on earth, other than He to whom oustom has assigned it,
We know that historical events of all sorts-hat tles, sieges, and so forth-have occurred on Christ-
mas, for articles almost without cond mas, for articles almost without end dealing with
this interesting side of the history of the day litte has been said, the of more odd this because
the fact that many notal, oses have ben the fact that many notalles have been born on
the day cannot fail to prove of interest biographical index of Christmas is comparatively long, and includes such names as Sir Isaacivew-
ton, William Collins, the lyric poct : P. S. Gilmore, the musician and bandmaster: Richard
Porson, the greatest classical scholar brated German Oriputalist. Jacob Reiske, the celehannv little shavers they must have been in the
childhood, with their birthday


Death of William Miller
$\qquad$ Brougham, Ontario, and of Robert Miller, Thistle. Ha, of Pickering.
He was a native of llunfriesshire Scort, grated to Canada about the year 1840 with his emar
ents, who settled Ontario, where he resided for a good many years before going to Iowa, where he bred Shorthory and, later,
Aberdeen-Angus cattle. Mr. Miller was and cheerful man, possessed of a rich vein of a bit and humar.
He was also a ready writer., and an miter occasion contributed interesting and on more than one mas Number of .. The Farmer's Advocate... He will
we remembered kindly by many of the old guard of noneer stock-breeders in Canada, whese number is year-
y growing less. His funeral took place from Thistle

Let Something Good Be Said.

Forver not that no fellow being yet
May fall so tow but love mave lit his hend:

No generous heart may vainly turn aside
In ways of sympathy, no soul so dead
But may awaken strong and glorified
If something good be said. glorified
And by the cross on whe thorny crown, Saviour bled
And by your own soull's hope of fair renown. Let something good be said! fair renown,

and find it a valuable guide in all thimps connected woarth
the farm. How about vour renetral?
$\square$

THE FARMER'S ADVOCATE


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## Buffalo.

$$
\begin{aligned}
& \text { Cattle-Prime steers, } \$ 5.25 \text { to } \$ 5.70 ; \\
& \text { shipping sters, } \$ \$ .5 \text { to } \$ 5.25 ; \text { butcher } \\
& \$ 4.25 \text { to } \$ 5.15 ; \text { heifers, } \$ 3.25 \text { to } \$ 4.85
\end{aligned}
$$

by- law on the subject, and the provisions
 ${ }_{\text {fxed }}$ by county py-law.


## Contents of this

 Issue.
## lustration

Burn Bellona (39998)
Moss Side Laddie and Crimson Flower Alestair (78217) Alestair
Madeline
Southdown Yearling Wethers.
Berkshire Sow Annie Laurie of Norwich (178.............. 11
S. C. Parker, Berwick, N. S. . Bronze Turkey Hen
Blackrock

## fintorial.

Am Resolved What to Do
HORSES
A Act to Protect Horse-breeders of Care of Colts After Weaning

Want an Up-to-date Veterinary College. The Four Great Beef Breeds .................... 8
8
The Hog The Hog Question
THE FARM.
Agricultural Investigation and Educa-
Limit the Length of Institute Meet-
The Credit System ............................................. 10
How May Our Institute Meetings be
Improved ?
the dairy.
making ... ...................................... 11
and
Dairy Cow Rations ... ............................. 11
Management of Dairy Heifers ... .
GARDEN AND ORCHARD.
Nova Scotia Fruit-growers ................. 12
The Original McIntosh Red Tree ........ 12
The Original McIntosh Red Tree .............12
P. F. Island Fruit-growers Meet
Beats the Garden of Eden ... ...............12


National Beekeepers' Association
poultry.
QUESTIONS AND ANSWERS.
Miscellaneous.
Pure Blood in Poultry-raising ............... 14
Dressing Turkeya
the farm bulletin.
South Waterloo; Oxford County Farm
Notes ; Beet ${ }^{\text {Sugar and the Tariff }}$
Commission .... ..............................
tario Veterinary College: A Good
Report; Improvement of Seed; Out-
E. Island: Christmas Tuberculosis ;
Death of William Miller: Sweden;
thing Good be Said ...................... 16
Clydesdale Sires of 1905 ............
MARKETS
HOME MAGAZINE ... ... .................... 18 to 23
QUESTIONS AND ANSWERS.
Loss of cow Miscellaneous
feeding colt stallion, Black Douglas :
quarrelsome pigs; factory feeding of
English pheasants; telegraph key and
sounder; registering telegraph key and
condition powders for horse for sale-
on cow's horn; the care of a dog..... 25
Costs of suit; an insolvent estate..... 26
Costs of suit ; an insolvent estate......... 26
Veterinary.
Scrotal hernia; cendition powders....... 26
dead frotus ; warts and capped hock
miscellaneous ailments ... ... ... .........
Eczema; eczema; worms in mare; fa-
tality in calves ; obstruction in milk
duct
duct ...........................................28
Ringworm ; protrusion ; air treatment
for milk ; fever, worms in mare.
Lump jaw; thrush ; partial luxation
of patella : horses coughing
and foruratian.
The Farmer's Advocate and Home Magozine Literary Society
$\qquad$ ASKS US, FOR REASONS GIVEN BECIETY THROUGH THE COLUMNS OF "THE FARMER'S ADVOCATE AND
HOME MAGAZINE." CIDED TO DO SO, AND WE COUNT ON OUR READERS, WHO WILL CONSTITUTE THE MEMBERSHIP, TO MAKE A success.
The practical value of a Literary Society in a community requires no proomed, but under always be so society or club which name, the together for the purpose of cultivating and exercising their mental faculties and exercising their mental faculties, people who thus meet together and indirectly through them to the whole country, and this statement is whole out by the experience of those who ful societies throughout the Dominion.
But in many sections of Canada outside the towns and cities, a thor oughly progressive and interestpossibility. Distances are great, roads are often poor, time always limited; and yet, scattered over our farming districts are many who would appreciate to the full the opportunity to exchange original ideas others, with some kindred spirit. The teacher in the country must keep out surely get if her mental processes were confined entirely to the work of the
schoolroom. The younger men and women who have received education-
al advantages. and hwn wisely gone back to the farm, need some mental
polishing to keep the rust spots from the mind's bright surface. And
the men and women who have buen compelled by circumstances to stick
closely to the work of the home, would find in such a socity a well
of interesting and hupful informafion, and a place in which to prosent thererhip fue the ideas and thoughts that have been forming in their minds. perhaps necossary We will , homently that and
$\qquad$ ing for a man or woman than to else; as "iron sharpeneth iron," so
does carh receive benctit in secing things through another's eves and
rom another's point of view. yet gether is not possib!e, and, as a consequence, many bright minds go hungry for a companionship that is ment.
That many readers of this paper are in this position of comparative ly, is evidenced by the feel it ke n quently received at this office. which the writers lament their in ability to form and caury on a so-
ciety for their mutual mental im provement.
.. To meet this widespread desire, ". The Farmer's Advocate and Home Magazine "has, therifure, considered a plan by which the !argest, most far-reaching and most interesting literary society in Canada may be
made a reality. Why should not the readers of this journal bind with the column one great society, the meeting-place of this paper for no just canise or impediment why abounding succass with the material which the members are abindantly
able to supply able to supply. by way of introduction: Many pressing one's self in the urt of ".x ten language
it is, but genius To some extent downright hard work wroduct of do by doing.
vexatious prolint wasting time on cated constitution. or a complichristen it the ". F. $\wedge$. and H. M.
L. S." All agreed? any reader of . The Farmer's Advo-
cate " not under sixtern years of
age, who sends in a request to that effect, with the sull name and P. O.
address, will he cmmollod in a book ings will be conducted her correspond-
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the beginning of this article, or
other reasons, this gathering
$\qquad$
All contributions for this competi- anid the United States, was reuniten
tion must reach this office not later in 1884. And now it would seem1
than Jan 20th than Jan. 20th, 1906 . The prize- that once again Canada is to be first winning essays, will be published in the healing of those wider breach a member and the contributions as es which the controversies of the
come in the same letter. Contributions to be written on one side of P. O. on back in all cases, be considered
[Editor's Note. Superestions future conduct of the . W. F. A. \& H. debates, will be gladly received

## Church Union in Canara

## The joint committee on Church

 Union, composed of representatives of ian and Congregational Churches, has prepared a report from the points mittees, which will serve as a framwork for the proposed union of these three denominations, and which willbe brought before their conferences next summer.
them in In this report are formulated th doctrines held in common by the three churchess the lines along which a united church would be possible:
the settlement and transfer isters, and their preparation for the ministry: and
ister to ister to the doctrines of the church.
that, as a candidate for ordinath
he must he must believe himself a child
God, truly God, truly called 10 the ministry:
must hold the Holy Scriptures as containing sufficiently all doctrines solved to to salvation. and be rove conformity with them.
The report on the doctrine culs gested by the sub-committer. as a
basis of possible union. containo nineteen articles, coorring, the billicfs
held in common luy es; the power, immutability, love and goodness of (iod as revealed in
$\qquad$ of His atonen

## the influence

## the redempt

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aw of God as whation and rollew.
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commandments and show in the ten ther himwfi for graduation into
the standard
$\qquad$ tantism of the world...
It is a historic pronouncenen and the result is most prouncement. marked feature of the findings is. A mony existing letween great denominations. Neither i was there disclosed any insuperabl objection to organic union, which even conservative publicists admit is time, but the lopic may take some ing these bodies into one with and a name and common creed ment of doctrin. purpose. The state able statement of a truly remark Christian belief. As a tentative basis agreed unon, what has been happily great assemblies of the go before the ear The during the approaching ment ameng the macseng the union sentiand particularly throughout the west, was one of the features very strongly which was held the union conference

Training to Think
$\qquad$ mportance of a young stan's work ing at some manual or mental chocil, but it does seem while he is at ish to graduatee Bechelors of Arts ing whe primary grade of the workThere is in our own shens Mowrsities far too much of the very o in the cultured scholar" "referry Wate from our article. Men a re(1.3 into the schools and Men gradday world We claim that workaThrough whom that fights his way While attending college, but in the vi. very fact that in the is due to the school oi suctuccaduation into agricultural colloges are usually from

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\begin{aligned}
& \text { catholic bi } \\
& \text { its head } \\
& \text {-baptism }
\end{aligned}
$$ baptism and sacramments to be two fot remain with their chos,n proThe sub-committee on Ministrs, in haw huon trainurk at college they ervice be without a tim the pastoral for themsilves, and think and work ne vear

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JANUARY 4, 1906

God ?), even though we know it not. But we do know that they have left
us by the memory of their beautiful lives, by their undying trust in the efficacy of the "Blood shed for the rethe uttermost," -such an example of patient endurance and untiring zeal, that we can, at the beginning of our
New Year, take heart of courage to New Year, take heart of courage to
begin our work anew, and drinking from the Fountain at which they drank when weary and athirst, we may, indeed, "forgetting those
things which are behind, press forthings which are behind, press for-
ward towards the work of the prize of the high calling of God in Christ
Jesus., Jesus.'
Was this a vision, or just an old story retold? Nay, rather, is it not " the story without an end? Is not the Loom, upon which creato its wider and wider proportions, ver at work? Can one single thread snarl or twist or drop out altogether without the knowledge of the Master Weaver Himself ? Nay,
even if it will keep adrift from the shuttle, and will make choice of its own part of the fabric, may it not be again and again gathered back given up to its own devices? And so, for a while-always hopefully, never despairingly, let us ponder upon the simple but endless " Lesson
of the Loom."
H. A. B.

## The Enchanted Forest."

he artist who has given us this expression of a poetic imagination is Syaney Strickland Tully, R. C. A. or our Canadian artists whos plare hang in the Paris Sal emy in the London Royal Acad a purely fanciful clear yet delicate form the artist's delicate mental picture. The original painting is a paste, the colo deep purples to pale yellows and greenish blues. The wings of the
beautiful being who beautiful being who dwells in the enchanted forest are of the color of
the Luna moth.

## The Food Experiments.

One result of the recent experiments ture in the Department of Agriculvalue of different foods, has the dietary phasize the value of fruits and nuts as merimenterials. The subjects of the exdren, two elderly men women, three chilcottage cheese and eggs, and these were this diet the subjects hg hard manual work, retained performhat scrength, some of them fun The peanut decided improvement.
were shown to be the bean in particular
Either of them it was ply protein and enargy at a lesser cost than either bread or ony at a lesser cost

## The Charm of the Kitchen.

There is a kind of sentiment about of sentiment in New England-a kind rooms. Here the provoked by other rooms. Here the farmer drops in an errand from the barn or field he sweet Here, in the great, clean housewife lives complace, the busy the cradle, sometimes somes rocking shutting the oven door, sometimes naring the not, darning stockings in a vellow bowl or mixing goodies on the steps, stringing beans sholl ing peas, or hulling berries ; the cat sleens on the floor near the woodbox, and the visitor feels exiled if he stays in sitting-room or parlor busv, is the heart mother is always

The Lesson of the Loom A midnight reverie, vision,
dream? Which name can one gi dream ${ }^{\text {W }}$ Which name can one give
to the mental pictures which, as a phantasmagoria, come and go before
the eyes of those who lie wakeful the eyes of those who the wakeful
upon their beds whilst others sleep, and who scarce can tell when they have passed at last from the border-
land of dreamy wakefulness into the veritable sleep-land which they have reach? The year was just dying cut, and
the sounds of the bip church bells he sounds of the big church bells, giving their glad welcome to the old, mingled with the wind amongst the trees, and perhaps brought with
them those other sounds which so them those other sounds which so
blended with those of my vision that they became as one. Clang! clang! are they saying? Voices like a re rain seemed to sing. "Come all y Waichrul, come! Come! watch!
work! pray! !' and then, in happy
chorus, followed : chorus, followed:
Every day is a fresh beginning,
Every morn is the world made new
You. who ere weary of sorrow and sit ning.
Here is a heautiful hope for you-
A hope for me, andl a houe for youn All the past things are past and over The tasks are dore, and tears ar Yesterday's errors, let yesterday cover
Yestenday's wounds, which smarte and bled,
Are healed with the healing which
night has shed." Listen, my soul: to the glad refrain,
Take heart with the day, and begin again." the message of the joybells to me me
or were they but the memory of or were they but the memory of
Susan Coolidge's beautiful little poem, which had helped myself and
others so often before ? -helped us others so often before ?-helped us
all to the blessed self-appropriation all to the blessed self-appropriation
of those other words which of those other words, which have
always healed so many broken and always healed so many broken and
contrite hearts: "Your sins and
inicuities hell iniquities will I remember no more?' Clanig! clang ! went the bells, and a murmur of voices, and what
seemed like a whirring of machinery followed in their wake. My dreamworld was peopled for me, and I was amongst a throng of busy workers. ask, and to stand at their post attor the bidding of the Master. At least, all looked eager, but it was easy to pick out the loiterers from those heir work or who sought to elude t altogether
VHAT THE PATTERN WAS LIKF What the pattinn was like.
/. Listen, my people. and while yon ". Listen, my people, and while ye ook, learn once aga $n$ the good old
Lesson of the Loom. ", Thus the Lesson of the Loom.'" Thus the Master spoke, as. for a space, upon
nur own especial section of that
nighty Loom hefore us stood out in
the whole in a confusion so inextric- in hue and stronger in consistency as the fabric neared its completion, but
they had, by their constant looking they had, by their constant looking
up, so reflected the Pattern which they had striven to imitate, that such threads which had intermingled with
theirs partook of their loveliness, and gained courage and sirength from their contact and example; and yet, withal, upon their face shone no self-satisfied look, as of those wno

- thanked God that they were not as other men are," Jut only the gladness of those servants who wait or their Lond, and who know that all things, even apparent failures
must "work together for good t those who love Him.

THREADS SEVERED FROM EARTH BUT USED IN

And hur
Master Himself could restore its
Meanty And sult? As we gazed had been the re morse or of tender sorrow, of hop spondency, whilst here hoped there at peared a face testifying to a dogge
resistance to all bidding and an stinate determination to work its own will, regardless of consequences
Hero would stand Were, with a wilful blindness-on see the Pattern, and recognize how had lost thread committed to him would have been dropped out of the
piece altoget her but that by the law of the Master, whilst the shuttle reach, and so, for good or evil, must


Mingled. so influencing and influenced that the dropping of one thread here and one there, and their consequent


The Enchanted Fores:

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THE FARMER'S ADVOCATE.
Answers to Transcontimental Train Conundrum.
In our issue of Oct. 14 th, page
1798 , we offered prizes for the fist 1798, we offered prizes for the first
two correct answers to the " Trans continental Train Conundrum," for particulars and conditions of which
offer, turn up the above number offer, turn up the above number.
From Monday, 18th, to Saturday, 23rd, the mails bulked large with
answers. One hundred and fiftythree were received the first two days,
and by Saturday, Dec. 30th, nearly and by Saturday, Dec. 30th, nearly
four hundred answers were in hand.
Of the many received after that date of the many received after that date
no account has been taken. The in-
terest has greatly exceeded no account has b
terest has greatly pectations, all classes of people hav-
ing sent in replies-from school children to college professor conundrums. One of these ored other conundrums. One of these, we fear,
is too widely-known. The other may be printed late
There has been some money spent
on postage stamps, but this will not on postage stamps, but this will not
be regretted if the increased volumie
of business results in a of business results in a lowering of
the postal rates or an improved serthe postal rates or an improved ser-
vice to country districts. There
may be

## GLENGARRY SCHOOL DAYS.

". Now, James, come here !"' said
the master, turning to Jimmie. "You
see what happens when a boy is in-
subordinate,." Jimme camee trem-
bling. "Hold out your hand.". Out
see what happens when a boy is
subordinate." Jimme came trem-
bling. "Hold out your hand ". Out

fell the strap.
". The other !"'
". Stop it !" ro
took his thrashin
". The other !"
took his thrashing."
". The other !". said the master, ig-
noring Thomas.
W.
". The other!" said the master, ig-
noring Thomas.
With a curious, savage snarl Thom-
With a curious, savage snarl Thom-
as sprang at him. The master, how-
ever, was on the alert, and swinging
round, met him with a straight facer
between the eyes, and Thomas went
to the floor.
.. Aha ! my boy ! I'll teach you
"Aha! my boy! I'll teach you
something you have yet to learn.,
For answer came another cry,
" Come on, boys.". It was Ranald
For answer came another cry,
Come on, hoys.". It was Ranald
Macdonald, coming over the seats,
followed by Don Cameron, Billy Ross
followed by Don Cameron, Billy Ross
and som to meet them.
turned said, backing
". Come along !". he said, backing
up to his desk. Mhat I warn you
it's not a strap or a rawhide I shall
ueve tranud payed no atumion to his













mas roumd the master s. midatis
1




drar ite Thomas who assumed com- "ho con strike such in coverardy ymaw
said.


By Ralph Connor-Rev. C. W. Gordon.




 vell Mr Mou to begin at hame rashed to the hooks and brought one hung there, and Thomas proceded hung there, and homas proceeded While he was thus busily engaged a shadow darkened the door, and a through the section like fire through voice exclaimed. " What is all this a brule. The younger generation about?" It was the minister. whe when they heard that Thomas Finch had been driving past and had come once to the rank of a hero, but the rushing home. $\begin{aligned} & \text { heads of families received the news } \\ & \text { doubtfully, and wondered what the }\end{aligned}$ Don?", Is that you, Thomas? And you, rising generation was coming to the The boys let go their hold and story in the Twentieth store, and Immediately the matefiant. was on with some anxiety waited for the
his feet and with swifter to reach his father's ears, for his feet, and with a swift, fierce blow, to tell the truth, Billy Jack, man
caught Thomas on the chin. Thomas, though taken off his guard, fell with a thud dread

$$
\begin{aligned}
& \text { minister, gripping him by the neck found myself standing up, and aiter } \\
& \text { and shaking him as he might a child. that I, didn't seem to care for any- } \\
& \text { "Lift ye're hand to me, would ye? thing., }
\end{aligned}
$$

$$
\begin{aligned}
& \text { "Lift ye're hand to me, would ye? thing," } \\
& \text { I'll break you're back to ye, and that "Man! it was fine though." }
\end{aligned}
$$

$$
\begin{aligned}
& \text { It was something to win the approv. a disgrace to the commonity ers are } \\
& \text { al of billy Jack in an affair of this }
\end{aligned}
$$day that Nonald Finch heard about mattors of this kind Lore .John could

week before. The minister, in his
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$ gation, and I greatly misjudge the who can strike surch at cowardly matow
$\qquad$
$\qquad$
$\qquad$
as ?, asked Don, acknowledging
aq e, athed Don acthoowlug ing households well.


Chatham, Ont
Reopened for the New Year, Tuesday, Jan'y 2, 1906 Our New College

Have you seen a cut of this magnificent structure? If
not, write for it, and we will send you a copy. Our Handsome mostly engravings from specimens of penmanship by Catalogue.

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rood board for gentlemen, $\$ 2.75$ per week; ladies, $\$ 2.50$. $\mathbf{3 7 0}$ Students secured We Can Give You Home Training in Bookkeeping, Shorthand and Penmanship. Catalogue E gives particulars and terms of home courses. Address: D. McLACHLANR \& CO., Canada Business College,

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Wheat and the most modern milling methods Wheat and the most modern milling methods In making Five Roses Flour, because
this brand is now recognized as the Standard, from which all other flours are judged. will pay you to order "Five Roses" if you want the "best results on Baking Day
lake of the woods milling company, Limited.

The Qulncy Inoubator, 든 $x \rightarrow$ Niviz onars Traic
ommend it highly. It is the bebt in the
market; possesses great shell-producing market: possesses great shell-producing
qualities, and keeps the hens healthy and Alex Doustiass.
st. Mary's. Ont.


Work in a Great City.

## and another of my friends from the

 and another of my friends hrom theRochester St. tenements. And how thor-
the
enjoyed
thefee oughly they enjoyed the coffee
from the big cans in the corner of the room: It was very good coffee too, and the lump sugar handed round with it was of the very best quality. And you
should have seen how the young people enjoyed the jolly dance that followed. There is no direct Christian teaching attempted with these Jews, as that would only antagonize them; but they are being
taught by action that speaks far louder than words, that the keynote of the Christian religion is Love. Their chil-
Cren are gathered into the kindergaten every day, the older ones are taught carpentering, cobbling, sewing, cooking, Clubs for playing games after school.
hours and in the eveniness and hours and in the evenings-a add so kept
of the street. There is a free dispensary for the sick free legal advice for the
 tianity or not, at least the work is done cept the neighborly kindness in the loving spirit in which it is offered.
One of the many houses belonging to
this mission is called "Welcome House." The name is a very good one, for its doors are ready to open and welcome any girl who needs a helping hand. The
other day a poor pirl came, asking for other day a poor girl came, asking for
admittance. She had only five cents to stand between her and starvation or crime, and not a friend in this great
city. Think of it, you who have sweet city. Think of it, you who have sweet
young daughters growing up like pure lilies in sheltered homes.
hom like pure
hin were wanciaring forlorn, homeless, hungry and terrified along the wintry streets, a house with ". Welcome ", written on the door and on the kind faces within the bright, homelike rooms. Perhaps this poor wanderer had seen one of the cards
which are scattered freely abous the aits Which are scattered freely about the eity
telling any girl who is in need of
friend friend to come to " Welcome House."
Another young girl Another young girl came frona Europe
several years ago-a mere child of six several years ago-a mere child of six
teen, entirely ignorant of English. She
trusted wibe trusted where no trust was due, and one winter night, forlorn, frightened and ili,
she crept about the streets she crept about the streats, begging to be
taken in somewhere and cared-for Turne away from house after house, she crawled into one that was empty, and next morn-
ing was found so badly frozen that of her feet had to be amputaved. I wish you could see her happy face now that she has found a home and good friends in
"Welcome House." Therome House." other day I called on one of the
young women young women who had on one of the
drink, had been separated from way to band, got into bad company, and was has-
most in despair. most in despair. After some time spent
in Welcome House, she went back to home-and a nice, bright home back to her
When now. When I called, I found the room
decorated in hone decorated in honor of her husband's
birthday. She said she had done it be-
cause he was :" cause he was -" soid she ghad done it be-
so had no present to give himer, and she
A very
handsome Bible, givem her at Welcome handsome Bible, given her at Welcome
House, occupied the place of honor on House, occupied the place of honor on
the table, and she could not say enough
about the kind about the kindness she shat not say enough
It isceived there. girls who are pleasure to talk with the
Their face being trained there. spond so readily to bright, and they rehad tea with them last friday, and la ful. Then there is the " neighborhood work"
among the Russian Jews, and orther
people whe people who live in the tenement-houses
around us (for this is a mission-church around us (for this is a mission-church in
a very poor district). Ome day last week
I said to a very poor district). One day last week
I said to one of the litte Jews in my
"Good Time", "lub ife don't keep Christmas, "O course, yo "Why, what do youraham." take us for?".
was the indignant reply. "o of course we
kepp Christmas ." keep Christmas !
How strange it How strange it is that people who re-
ject Christ should keep His Berthday !
When I qaid, ." How do you keep

THE FARMER'S ADVOCATE
The Celebruted EPPS'S


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Made in London
THAT has attained a prominent THAT gives the best satisfaction. THAT is chastely artistic in design. THAT is simplicity itself in con-
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$\$ 12$ WOMAN'S WINTER SUITS $\$ 4.5$
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The Oanadian Pacific Railway Company have $12,000,000$ acres of choice farming lands for sale in Western Canada. Manitoba and



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JOR MAPs AND FULE

PARTIOULARS APPLETO TO




Jantary 4, 1906
THE FARMER'S ADVOCATE.



DR. HESS Poultry PAN-A-CE-A

DR. HESS \& CLARK, Ashland, Ohio, U. S. A.


WHEN WRITING TO OUR ADVERTISERS PLEASE Mention Farmer's Advocate.

AGE rina on cows hoze
There are two parties who have a disring, comes on a cow's horn. Is it or two
or three years? or three years? E.S
Halton. Halton.
Ans.-Generally, almost invariably in
thind year, or by the time she is three years old. ter care of a dog. I have an extra good cattle dog, but
during the breeding season he roams during the breeding season he roams at
night. I do not want to tie him up, nor yet castrate him. J. S. Ans.-The latter is the only sure
method, and in cases that came under our notice did not depreciate the value of the animals. Give him littile or no meat
give him a diet of bread and vegetables. cossip.
HENRY B. WEBSTER'S SHORTHORN On Jaṇuary 24th, 1906, at his farm, adjoining the Village of Fergus, on G. T.
R. and C. P. R., Mr. Henry B. Webster will offer for sale by auction, as advertised, his entire herd of 42 head of
Scotch and Scotch-topped Shorthorn cattle, representing such families as Matchless, Claras, Marr Beautys, Missies and
Margarets, among which are 20 breeding Margarets, among which are 20 breeding
cows, 12 heifers from 6 to 24 months, cows, 12 heifers from 6 to 24 months,
and 6 bulls from 6 to 15 months of age. All these cows are either in calf or with calves at foot. The present stock bull,
Royal Chancellor $=44688=$, bred by Royal Chancellor $=44688=$, bred by
Thos. Redmond, Millbrook, Ont., has for Thos. Redmond, Millbrook, Ont., has for
sire Royal Member (imp.) $=17107=$ (64741); dam Matchless $=-41368=$. The stock bull used before was Lord Stanley
4th $=226 \pi 8=$, and many of the young 4 th $=22678=$, and many of the young
cows and heifers are sired by hine. Fuller particulars as to breeding of herd will be given in our next issue.
J. GORDON \& $\overline{\text { SONS }}$, SHORTHORN This is the last call for John Gordon \& Sons is important auction sale of 45
Seast imp
head of Scotch and Scotch-topped Short. head of Scotch and Scotch-topped Short-
horn cattle, to be sold at their farm,
three miles from Sumderland the three miles from Sunderland, Ont., where
conveyances will meet all morning trains $\begin{aligned} & \text { on day of wall, Teet all morning trains } \\ & \text { on and, January 9th, } \\ & 1906 \text {. Besides this lot of Shorthorns, }\end{aligned}$ 1906. Besides this lot of Shorthorns,
Mr. Gordon will sell a big, breedy pair
of breeding Clydesdele mige of broeding Clyddesdale mares, making ali together an offering that offers a rare op-
portunity to the farmers of this country portunity to the farmers of this country
of purchasing at their own prices some
excellent Shorthorn and Clydesdale blood This lot of Shorthorns are in prime condition, and are regular breeders, all the
cows being in calf or having calves at foot. Among the lot is about a dozen heifers from six months to two years of age, prizewinners among them, and about a dozen bulls from calfhood up to 2 years
of age, some of them pure Scotch, and some
of them out of them out of Red Rose dams that are deep milkers; but all of them the making
of thick, good bulls. The terms of sale of thick, good bulls. The terms of sale
are ten months' credit
on approved joint are tek months' credit on approved joint
notes, at five per cent.
will wield the Jackson Will wield the hammer. C
be supplied on application.

## Our Daisy Rubbers

Warm and comfortable on the feet

High enough to keep legs dry
Make winter barnyard choring a delight

Made with all the good old time wearing
quality, they will withstand rough usuage


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By good management in buying our leather before the leather market soared as high as it is at present, we are able to still give our customers the benefit of low prices. Leather has advanced $30 \%$. in price, and, of course, harness has advanced also. The advantage we have gained in having our own factory and buying the leather months in advance, we give to all purchasers. We give you Harness manufactured by ourselvee, and guaranteed to be exactly as represented, at a price that is the lowest.

Our January-February Sale Catalogue has a page of Bargains in Harness and Leather Goods. Write for it to-day

The Harness illustratod here is made in our own factory, and we guarantee every strap and buckle in it. We ask you to try it, and if it is not all we represent it to be we will refund your money. We have riuly a limited number of this Harness at this price, and advise you to order at once.

our special team farm harness
Bridles-4 inch checks, patent leather winkers, good fronts and rosettes, nose bands with bit straps, stiff or jointed
Lines-1 inch, good length, with straps and spreaders. Collars-Thong sewn, leather faced, open top.
Hames-Steel bound, high ball top, wood staples. Hame Tugs- 3 -ply x $1 \frac{1}{2}$-inch with D. G. trace buckles.
Martingales $-1 \frac{1}{2}$ heavy. Breast Straps $-1 \frac{1}{2}$-inch, heavy, with slides and snaps,
Traces- $1 \frac{1}{2}$-inch x 3 -ply, hand sewn. Back Bands-Padded, fancy housings.
Belly Bands-Heavy folded. Back Straps-With buckled crupper and hip straps.
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We pay Freight and Express on shipments of $\$ 25.00$ or over on all goods except Furniture, Springs, Mattresses, Organs, Refrigerators, Stoves, Baby Carriages, Flour, Sugar and Salt. We ship the cheapest way.
"T. EATON C
190 YoNge Street
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Sheep farming in america
the tithe of an exceedingly interesting and
practical book of 332 pages, by Mr.
Joseph E. Wing, dealing with the history
Joseph E. Wing, dealing with the history
of the mutton and fine-woolled breeds of
sheep. their selection, breeding, feeding,
care and management, treatment of dis-
eases, dipping, shearing. marking and
eases, etpping, shearing. marking and
marketing. There is also a clapter on marketing
rangement of topics, table of cintents
and the index is complete. it is put lished by the Sanders Publishing Cut,
Chicago, Ill., and may be had Chicago.
publishers or this office at the quoted
price, \$1, for which it is excellent value.


QUESTIONS AND ANSWERS.



Ans.-1. We do not advocate the use of
condition powders, except in catses where condition powders, except in cases where
an animalis system is plainly out of tone.
In such a case. try the following: Bran.
5 , 5 lbs : shorts. 3 lbs.: oil meal, 7 lbs.
1 dessertspoonful gentian, 1 teaspoonful
iron sulphate. Mix, and feed $1 \ddagger$ lbs. at a feed. AAter a months or so, omit the
gentian and sulphate, and feed instead gentian and sulphate, and feed instead,
twice a week, a small closed handful of sifted wood ashes. Allow water and salt may be mixed with the condition of salter.
2. The best tonic for pirs is ture of charcoal, salt and ashes in a boo. the pen. A couple of sods of earth
thrown in the pen daily are also excel-
lent. 3. The following, or Douglats mixture,
is recommended for fowls in the book,
a " Veterinary Elements $" \quad \begin{gathered}\text { Sulphuric } \\ \text { acid, } \ddagger \text { ounce : copperas. }\end{gathered}$ ounces : rain acid, to ounce: : copperas, 6 ounces, rain
water, 4 ounces. $\quad$ Give a tablespoonful to six quarts of the drinking water. For
colds, this is s.id to ke excallent.
Wo
have more faith, though, in chopped onions, steamed, 'cut clover, krit, lime, dus
baths, sunshine. scratching sheds, and
other natural re, fulstites to good health.

Miscellaneous

an insolvent estate


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25 Percherons, also French Coachers, Hackney and Clyde Stallions



 buying elsewhere. Inspect our stook and get our pricoes. Terms made to suiit purchasers, before
Hamilton \& Hawthorne, simooe, Ont. 88 miles S.W. of Toronto, on G.T.R. Wabash

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From such noted champions as Baron's Pride, and Lord Lothian, ete. Inspection invited.

For fuller description and prices write
T. H. Hassard, Millbrook, Ont.


LaFayette Stock Farm
J. Crouch \& Son, Proprietors.




J. Crouch \& Son, LaFayette, Ind.

## HODGKINSON \& TISDALE

Breeders of High-Class Clydesdales and Hackneys BEAVERTON, ONT.
cether present stock of mares and fillies are the best lot we ever had to Lether. Among them are championship, first, second and third prize-
winners at Toronto. Our prices are consistent with quality. We have
comething

BEAVERTON P.O. \& STATION.
Long Distance Telephone.
| QUESTIONS AND ANSWERS.

| Veterinary. <br> W ARTs - SCRATCEES <br> Nose and under lip of two-year-old He also has scratches. T. D. C. See answer to question 1 o $\qquad$ purgative of 6 drams aloes <br> Dress the heels twice daily <br> heep dry. Dress the heels twice daily <br> JUINT ILI <br> JUINT ILL <br> calf <br> One-week-old calf became stiff in his joints, especially the knecs, and he can not rise without assistance. T. J. M. <br> Ans.-This is joint ill, and recovery sel dom takes place. Hathe the joints <br> quently with hot water, and after bath- $\qquad$ <br> 7 grains iodide of <br> morning in a little new <br> PROB הB.Y DEAD FGETUS <br> DEAD FOETUS calve and udd $\qquad$ $\qquad$ $\qquad$ $\qquad$ | to give selisfaction. <br> GOMBAULT'S CAUSTIC BALSAM <br> A safe, speedy and positive cure for <br> Curb, Splint, Sweeny, Capped Rock, and all lameness from Spavin, Pingbone diseases or Paragites, Thrush, Diphtheria. Gattie. <br>  <br>  per bottle. sold by druggists or sent by ex press, charges paid, with inll directions for its use. Gend for descriptive circulare, testimo <br>  |
| :---: | :---: |

Shire Horses
able the membranes are ruptured and the
fluids escaned
the size of the abdowen. If if this condi-
tion exists and
tion exists, she must have profession.11
attention at once. I Iould advise you
to send tor ho send for your veterinarian and have
him examine her. and in or dead votus ve
present, he will remove it. It
If you think this condition does ont exist, give her
tonics, as 11 dram each sulphate tonces, as 1 drame each sulphate of iron,
gentian,
times dinger anili.
W.iri AND mapprd hon:

1. Yearling colt has warts on his nose.
2. Heavy mare had a thoroughpin last raf This is disappearing, but the point
of the hock is swelling like
I $m$ 俍 I miy say that this has been on more or
less since she was a sucher.
 others once daily with necks. Drail parts buther the
of antimon plien with a and tincture of myrrh ap-
the dai a application. Some claim that
the The darly application of castor oll will re-
move if the the capped hock is getting more
3. marked, she mpast hock is is getting more
the stall post, or it by hicking some ber
the Removall post, or in some other way.
Rease, and blister the parts
nith two culs mercury and drams each binione pardion ounces vaseline. Clip the hairides mixed with twi
heand
Cit rub well with the cannot bite the parts
two alister once daily for applichtions; on the third dayy wash
off and appry sweet oili, let her head down ow, and oil every day hutil hean down scale mijuellaneo js athments.



Ans -1 . Curb is a dissase of a ligaextmonding from the point of the hock to
the cuboid bone at the inferior portion of
the ioint. Neither


Keep the colt as quiet as possible in

$\qquad$
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$\qquad$
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Wout boad bid

 ural condition
neither forrin
nor overfeean nor overreeding
for showing pur
poses.

 station: Althorp Park, LL \& No-w. Ry JOHN CHAMBERS E EONS Holdenby. Northampton, Ensflane
Dr.Page's English Spavin Cure.



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 receipt of price, Mailed to any aididrees Rood,
 NEW IMPORTATYOI have landed one of the tivest
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 DUGALD ROSS, Streeteville. Ontarlo
 A choice lot of Seg. fillies and Shorthorn calves
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Slires, Clydes, Parcherons, Hackneys and Spanish Jacks.
 Percm prizewwinners in England, Scotland and France.
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This is a ailtedged lot and the best we ever ind This is a giltedged ot ot and the best we ever imported, com-
bining size and quality. stables at WHESTON, ONT
J. B. HOGATE, Pmoprietor.


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DALGETV Bros., Dundeo, Scotiand,
and London, Ont., have and Lindond Ont.. have on hand just now
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${ }_{21}$ head INNIS Woodstock and Ingersoll.

TO SECURE THE BEST RESULTS Place an idd, in tha Farmer's Advecate

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THOS. MERCER, Markdale, ont. ${ }^{\circ}=$ Shorthorns For Sole Two choice red yearFame ' imim.). at head of heral
LLEX $\frac{\text { aLEX. EURNS, Rockwood P. O. and Station, G.T. R }}{\text { For Sale }}$ unvir imp monhis hand the hero. 9 monoths.

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BARREN COW CURE
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 in case of a Brike or

This reuted is rapind
pheasant to use, and
pork the horse. dio work
no hair gonerse. do
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R. J. Penhall, Nober P. O., Ont. HEREFORD CATTLE FOR SALE.
A number of nice young bulls, from
6 to 24 monthe old.
fellows. At rock-botom, bown, beefy
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HEREFORDS ${ }_{-1}^{-W e}$ are noiv offoring a few a number of females-a low-down, even, beefy
lot. Tf in want of something extra good, corre
gpond with na of and with us. We can please ex ou good, corre
f. A. LOVERING Coldwater P.O. and Sta, Aberdeen-Angus cattle and Chester Whitit Hogs, thawa and Sherbrooke. Breedings stork and
young things for sale. Write for prices. A. G. SPAFFORD, The glengore herd of aberdeen angus Has for sale 3 of the choicest bull calves ever
offereo hy any breeder. They wo everything at
the fall ahows-never. been beaten passed ; also females all ages all as unsur tired Black Bird sire. Would be plaesed to thp hent
from persons requiring such stock. Prices and terms to suit purchnsers. All , tock Amer American
registered. GEO. DAYIS, Alton, Ont. 0 We are Aberdeen-Angus $\begin{gathered}\text { show stock. } \\ \text { ofering }\end{gathered}$
 Fat-stock Show. Jais. BOWMAN, Guelph, Ont ${ }^{\circ}$ POLLED ANGUS CATTLE A number of thoroughbred Polled
Angus cattle for sale, including Angus cattle for sale, including
five imported, three bulls and two
cows cows. These cattle will be sold very
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the dalton cattle co., Orillia, On We are offiering Durham Bulls, roan and red,
three yearlite Dy im
 r. Chicago winner. Prolific (imp,)
R. BO WMAN. MIt. Forest, ont GREEENGILLH HERED
SHORTHORNS

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(elson P.O.. Ont.; Burlington Junc. sta. Riverview Shorthorns and Oxfords shorthorns represent Crimson Flowers,
Athelstanes, Lady Janes and Roses. We have for sale ight bulls, including our stock
bull, tour yearlings, and the balanoo calves Will, four yearlings, and the balanoe calves,
haso atow one two and three yearolid heifers.
thick, straight. mossy lot. Also some ipring
 EORGE D. FLETCHER, Breeder of Sootoh Shorthorn cattle

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 SCOTCH-TOPPED SHORTHORNS Five choce roung bulls, 8 to 12 months; also
four hefifere W. H. Wi ALEACE.

\section*{Gossip <br> 

## JANUARY 19th, 1906

At his farm near Pickering Village, about 24 miles east of Toronto on the The offering will include three first-class young imported cows, and three equally good imported bulls.
Duchess of Gloster, Blush Roses, Lady Families as Cruickshank Lavenders, Duchess of Gloster, Blush Roses, Lady Fannies, Miss Ramsdens, and other Parties will be met at Pickering station, G.T. R., evening before an
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Terms : Six months' oredit on approved security, or 5 per cent. per for catalogues address

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## "Clarke's"' Moccasins

The stamp "A. R. Clarke \& Co., Limited," on a moccasin means that that particular moccasin is guaranteed 10 be worth every cent that you pay/ 10 rit - that it wir do all that is
claimed for it.
own leather Wo the like-do moccasin makers -
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"Clarke's" Bullhid advantage in extra value,
thick and heavy, heat and wet proof made from real bullhide-is
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A. R. Clarlie Q Co., Limited Torome

Tanners and makers of all kinds of leather gloves, mitts, moccasins, etc., for outdoar hard gear.


## "A <br> Great Tonic"


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DR T. A. sLocum, Llmitoed ife king st. w. Troronto, Oanada


## 9 haifors, yearling <br> 49 haifers, calver.

26 bulls, oalves.
all out of imported siras and
dams.
Prioes ensy. Ontalogue.
Johin Glaney, II. CARELLL \& SON,
Sherthern Cattle and Lincoln Sheep Shorthorn bulls, cows and heifers for sale at greatly reduced price
for the next 60 days.
.r. ansoon, somonate omt
Scotch Shorthorns

Ed. Robinson. Markham Sta. and P. 0
Farm within town limite. strathroy A SONS
SHORTHORHS and CLYDESDALES
 and heifers of all ages. Also one imp. stallion
and twobroo mares. Prioe
welcome. Fasonable. Visitors JOHN GARDHOUSE \& SONS, Highfield P.O., Ont.

Scotch and Scotch-topped Shorthorns, Linco


Maple Lodge Stock Farm. An excellent lot of 1854. haifers for sale now. Have choice milkin strains. Have
gains in ewes.
A. W. SMITH, Maple Lode, om

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THE FARMER'S ADVOCATE


GOSSIP
 Shorthorn Breeders' Association, held in
Chicago during the International stock Show. the rule by which the ances-
tors of cattle registered in the A merican tors of cattle registered in the American
Herdbook must be recorded in the 20th or earlier volumes of the English Herd-
book, was, by a practically vote, changed to allow the registry in the
American Herdbook of any whose ancestors are recorded in the 40th or previous
volumes of the English Herdbook. This
will admit the pntry int will admit
Herdbook Shorthorns which have hitherto be
barred. Volume 20 of the English Her
book book was issued in 1873, and volume
in 1893. The rules of the Canadi
Shortho altered likewise at ing of the association, which will be held
in Toronto February 6th. When its monstrous rule requiring a one-hun-
dred dollar rexistration fee for imported
animals, it will earn the commendation the world over.
AMERICAN COTSWOLD REGISTRY
The annual mecting mon. The annual meeting of the American Alr TREATMENT FOR MILK FEvER
Cotswold Realing

 sided. The Secretary and Treasurer's re-
port, as follows, was approved, and in
view of the fact that husinese dond port, as form for
view of the fact
sented an increa
year since the organization of the asso-
ciation, general satisfaction was expressed in the good
The Treasu
December 5 .


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## DYSPEPSIA

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$\begin{aligned} & \text { taking two bottles, I was so perfectly oured } \\ & \text { that I have not had a siga of Dyspepsia since. }\end{aligned}$
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The liver in the largest gland in the body; its offio is to take from the blood the properties
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the right side, and shooting pains in the same the right side, and shooting pains in the same
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