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everything

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homen Write homes. Write us for prices
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The Farmer's Mdvocate and Fome Nagazine EDITORIAL.


THE FARMER'S ADVOCATE
WHE FARMER'S ADVOCA

THE FARMER'S ADVOCATE.

Marketing the Wool Cpop The question of a wool tariff is being
threshed out by the sheep and wool-grow
these last few weeks. It is, perhaps, easier of the sheep problemms to to settle, the and
so has, been attacked first. When it is wiped on
the slate the slate, we trust that the problem of construct ing an extensive, profitable, permanent sheep in
dustry will be as effectively undertaken rank and file of producers.
J. P. Murray, Toronto. makes a number of able suggestions to aid in the encouragement o
this business oi wool production, which we submit this business oi wool production, which we submit
for the thoughtful consideration of our readers
here 1. Decide what parts of Canada are most suit
able for some breed of shcep. First, by Province
and again by tection First, by Provi
and again by section of a Province, for class.
2. In sections of Province, let there be clipery shecis, to which a grower may hring de his
clits, where an expert will deide chip and pelts, where an expert will decide
propartion of dirt, and issue a non-negotiable 3. The wool and lelts will be cleaned, the
sent to a provincial center, which will bed sent to a provincial center, which will be a ma
for all the wools of the Province. sembling-shed, certificates will be issued to the growers for quantity and class delisered at the
section shed, less dirt, taurs, etc. This certificate
will be hecotiabs 5. A general Canadian wool mart should be
established in the most adapted center daily returns of wools on hand in each Provincial 6. ill wools should be standardized for (a) age for waste and dirt. and loss in scouring. defined for manufacture, cach wool to be valued in
relation to any Canadian wool which mat couldi be used in its place.
the class of wool fabrics should be dissected, and mater, such wools to be valued in relation place. should be daily known at the world's markets bling-sheds: also, availatile supply, freight and
insurance irom market points, and to any point in Caanada. manufacturing
rates from and 10. Fach Provincial assembling-shed should have proper packing facilities, and establish a uni11. Destructive dogs may be killed, without
responsibility 12. Government contracts to call ior Canadian 13. Ofticial statistic-s be prepared to show hinds
of sheep, number of returns for wool. mutton, tol low and hides, hy Province and class. mutton, tal-
14 . The cost must be borne i,v the
Many and arx of the abou are excellent suggeducts. provements ang cannot be finested at once. and imonly result from an educatice campaign, the ceal

## Crippled Pigs.

## 







 To prevent much ontiound onts, irean and oin son silvura





 andiait in a stly foul In the voune growing



## mionh ho the hourd be gexen 

The Summer Silo. Coru-belt farmers are having preached to them
a lesson which thev should learn this summer, iz.,
to prepare for summer feeding by the filling of a
smaller silo for summer use. This is a dry year
in a great deal of the West and Middle West. As a consequence, grass is short and dry: milk cat-
tle and beef cattle are in need. Toy many of us are like the man who, on being remonstrated he did weather he could not, and in dry weather

Costs of Beef-making in Colopado. In interesting cxperiment in beef proluction has
recently been completed in Colorado Colorado is recentls been completed in colorado. colorado is
a has, oats, barle, wheat and root-gron ing State,
and consequently their methods and resulte and consequently the ir methods and results are inte,
teresting to Canadians. There were thirty steers. divided into three groups. The corn-firt steers, at $\$ 7.85$ per cwt... the harley-fed lot at $\$ \$ 7.60$ ordd The cattle were put in the lots on In per cwt. The thirty head were fed together on on alfalfa hay intil December 11 th, when they were divided. hay
weighed, and the experiment really head were put on a ration of alfalfa hay and and
ground California feed tarley ten ground California feed barley, ten head on alfalla
 seasons succeeded each other in truth there

What Breed is This $n$ chop and molasses arar heets, this chanses
in feed on this third

lot being made at this
rarticular time for
the reason that. as a
rule, the pult. sugar factories is
usually exhausted
about that date whe he steers were re
weighed, on Necember
lith. weraged 6i6.ey, thet Ombination lot the 6 Cained right along in he same relation u "hen the barle. cat
tle began to fall be
hind thon lat cont inued the
heaviest until with isho weeks of within Cain, nearly 4 lias. per
lay, while the combisideratio summer which does not have a con- little less than 3 lth ., and the barley cattle only ing is too short to be economical. For that saz- periment. This was probably due to the hot (tiston for his cows. The summer silo has demon- "attle ate less of it. In feeding the two bunches when grazing is for that service. And even on tariey and corn, they were given the same numing than paid for in the milk returns. Ihen put- lots consumed practically the same amount three ider the sill, do not overlook or forget to con- per duy. The difference in the the hay most iroftable from the feeder's standpoint,
and they also showed the
Iowa Cattle Experiment.
keted forty head lowa Experiment Station mar. wough, as a lot, the chucks on the corn steers
 olden animals in First, to compare calves with the barley cattle, $\$ 7.50$ per head on the corn catmpare silage vs. dry foed gain, second, to in this experiment, alialfo the combination cattle. orn and cob meal in fattening young animals. 10 tor corn chop at $\$ 120$ per cut barles at he experiment began Novening young animal

Honor Roll of Shorthorns.-VIII.


Ihird Iot way (red sumilary


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Pigpen Partitions.
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$\qquad$ Pigpen Partitions.

New Concrete Silo.
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Commercial Fertilizers. $\qquad$
$\qquad$ surface. With regard to old boars, they some-
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Usefulness of Birds.
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Notes from Essex. $\qquad$
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Season of six, months, have anded to its fertility
the equit alent for at least 2no pounds of sulphation ammonia, 100 pounds of hioh pounds of sulphate
phate and 60 pounds and act phos-

Crate-fattening of Chickens "The Farmer's Advocate." having learned that
he subscriber to the following contribution maties解 specialty of crate-fattening chickens. Submitted the followint questions to hum, hoping to elicit
information aluable to its readurs

1. How long have you been engaged in th.
 ing, where do vou obain the birds for fatten-
paid? 4. What length of time are they iorrend (site
details about rations, crat ing, ete ill

 crate-fatening oi their birds. or is this underty. to thatiny
 with the Institute meeting, and demonstrate fat-
tening and dressing and limding. 1 . would loe glad seven yerse started wth 50 lirds, and I ex1,50
3,000
3 tening, and sell the rest to difircnt firms in To-
ronto果 Thatarem cents per pounds. The crices run from, is to
10 to 12 cents per pound. Therene chics is fro larmers that are fattening the chichs. and i buy them from them. I believe I am the only on 4. 1 make crates the samp as the covernment
experiment stations use $\&$ fect long, with 4 pens feet long. 16 inches wide, and e, with 4 pens
 a good dusting, with sulphum, that in. I give them them just what they will eat ur, clean in about clean out the troughs and turn them over. If fad three times a day the first week, and twice a day aiter that. If the birds have been properly fed,
and have had a halanced ratuon the will be fir tened in irom three to four wowhs. If hirds are not lat in bour weeks, "irroperly ted,
it will usually pay, best to shi, theon and take.
what wou can get for them. The ration that has "hiven sood satisfaction with me is \& corn, \& bar with whoch Sheat milk or-grade flour I mix ter "arme wather midhe of the dal, but when it gets "oool The do no med it. I add a littl, salt as it
makes the foed more palatable Thy will gain
from also glee them all the grit the wiil wat twice :
week The auran gain for the whole srason
(1) get best resuits from hirds weighing four to fine
poundt ach. and the cost is alout $1: 3$ cents each

THE DAIRY.
"Aberdeen" Cheese Factory.


Aberdeen Cheese Factory
 T.) cows at one creamery gave only but proup of he differend 21.8 pounds iat in May. Think of herenterence: The average sield notud above is Is an instance of what is being don by the selected animal, the record of one of the most
iamous cows to-day forms a wonderiul contrast. This cow, it is satid. was pounds fat in 30 deast. This cow, it is satid. was picked up from a nays.
hor who did not keep records. and, therwfore, was oi her phenomenal value. Who will be
man to discover another such diamond ich? Individual cow records atone can

Testing the Cows

THE FARMER'S ADVOCATE
ALGLST 11, 1910
firm enough to mould. The draining
hursied on by scraping dowz more ofter
When the cheese are ready to mould the cream
should be of a stiff pastry consistency, but not
sticky. Salt is now added, at the rate of 1 oz,
of salt to every 4 lbs. of cheese. Sprinkle the
or spatula.
The cheese are now ready to mould. Line the
tins with wax butter paper and press the cheese
in with a knife or spatula; when full, fold over
the ends and shake out of the mould.
When cheese are finished they should
$\qquad$
[Note.-In "The Farmer's Advocate" of March
24 h appeared a short article noting the manu-
iacture of four kinds of soit cream cheese in the
iacture of four kind of the Ontario Agricultural
I lairy Department of the work being in the hands of Frank
College, the wraduate of the Midland Agricultural
(:. Rice, a graduate of the Midland Agricultural
and Dairy College, England, who had been at
Guelph since a vear ago February A regular
and steadily developing demand for these chees
had been worked up in Toronto. We understand
tiast during the hot weather some difficulty has
been found in keeping the cheese, and consequent-
Is the orders have fallen off of late. It may be
ound necessary to use some sort of preservation
at a convenient opportunity, we herewith publish

Cleanliness Amongst Creamery Patrons.
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## GARDEN \& ORCHARD.

 Fall Treatment of the Orchard. Clean cultivation of the orchard has proven it-self a valuable practice to the great majority of orchardists, and is being more and more practiced in the orchards of the general farmer, as well as
in those of the professional. Wherever it is practiced it will be found advantageous at this time of year to sted the land down to a good growing
cover crop. The fruit in the orchard is now ap-
proaching its mature size, and, consequently, does not require as much of the moisture and nourishment as it did earlier in the season, so that the
sowing of a crop will tend to divert the excess of sowing of a crop will-tend to divert the excess of
water and of plant food from the fruit to the growing crop. This crop should be allowed to
grow as late as it will into the fall, and in the spring be plowed under. .i.s presence will serve us a protection against frost during the winter.
In the spring it must be plowed under early and
Choroughly. With a rapid growing crop, such as thoroughly. thay not be an easy thing to do. Be-
ree, this anving as a protection during the winter,
sides serving as this crop by being plowed under in the spring adds greatly to the humus of the soil. thus making it
of a more de irable texture, and greatly adding oo its moisture retaining capacity and its fertil-
ty. The presence of the crop during the late summer and fall prevents the growth of the late
varieties of noxious weeds in the orchard, and ives to it a cleaner appearance
There are several crops that

ye, rape, peas, hairy vetch and clover. On genral principles the legumes are preferable, but few of them make sufficient growth to warrant their
use, consequently the cercals wheat or rye are commonly used. Rape and vetch are both hardy,
and will give good growth, while the clovers and reas must be sown vers early to give satistactory
The treatment must be much the same as for Pgular crop. Put the land in a good condition
if tilth, then harrow and roll after sowing of tilth, then harrow and roll after sowing. Thi
seeding, however, should bo thicker than usual to
incure a thick matted growth of the crop before

The Vegetable Crop In the rentral district of intario (irom osha an
to Bertin and Branterd, the prospets for and
carly tomato crop are good early potatoes ar carly tomato crop are good, early potatoes are
airly good, while the late crop is only medium Onions small. The celery crop is later than last yeat
in this dist rict, but promises well. Cabbages auliflowers, corn and brans all promise well. In to southern secton (henterng the tomato crop is fairly good. The
to Ojibwa
dry weather has alfected the potato, onion, cab bage and caulifower crop, the acreage of the lat-
ler two aro a little less than last year. Celery orn has sutmorn much at Tacumseh for want of omato crop are woodd, the carly potatoes have rair crop : "elery is doing well: late cabbag
and cauliflower promise quite good In Fasteron ntario. toma hey are good. Late potatoms promise well

Notes on the Fruit Crop. Crop. Clowed th having been quecenless ior a lone time rious reports on the apple crop raching during the "orking season if soch is the case

The Honey Crop. The best quality goo eeberries are in short supprice. The best table strawberries, of which the
$\qquad$

## APIARY.

Wintering Bees Out of Doors.
$\qquad$
 regular enirance to allow the bews thet out
of their hive through the packing, a hridge can
be put on the alighting board of th. hive, and
 visiting the fruit-growing areas of England, says packing to clog the above entrances to the hive, uined and there was no athe should be cut in the outer case the allow the than half the usual supply. The pear trees werw ors sealed quilt from above the frames and put on even worse affected, and the growers contessed a clean cloth. This will allow moisture from the
that they would be satisfied if they were able to
bees to pass up and through the twive incheg get in a quarter of the usual crop of sound pears. of lewes above. There should be an air space
The cherry orchards were destroyed, and the between the leaves and the roof of the packing cold and the rain had made most of the straw. box, with small holes at the side or end of the plums and greengages, both crops were hard hit, enough air to circulate over the packing to keep so good as usual, there was the prospect of $x$ that space dry ford the shilter from wind so desirable, and bees limited crop, which would bring enhanced prices. put up as above described should have the best
$\qquad$
THE FARM BULLETIN
U. S. National Good Roads Convention.
reports were received from four hundred and fift An important roud convention was held in the City oi Xiagara Falls, Y. Y. on July 28th, 29th
and 30 th, when the Xational Good Roads Conand 30 th , when the National Good Roads Con-
gress oi the Enited States held its third annual meeting. Among the prominent delegates and speakers present wer. Senator Martin Dodge, speakers present werw Senator Martin Dodge,
formerly, lirector of the Office of Road Inquiries

$\qquad$ mons, of Xew Yor's, and Norman M. Mack, Chair-
man of the National Iemocrat ic Committee. A number of Canadians were present, of whom were
 of Hignways for Ontario "Controller J.J. Jard, of Toronto Mavor Rudd and Ald. Mahoney,

The convention was called to order by A. $\mathbf{c}$.
Jachson, president oi the association followed by
Ji thacon of the First PresbyJachson, president of the association, followed by
praver by Rev. A. Aacon, of the First Presy-
terian Church, after which Mayor Douglas, of Niaterian Church, after which Mayor Doug aas, of Niagara Falls, N. Y.. extended an official welcome.
Th. first address was, that of Congressman w.
F Sulcer, oi New York, whose remarks, with re- spect to the importance of good roads, were par-
ticulary forceful. He said, in part,
". The plain people of the land are familiar with the truths of history. of the land know the pailiar with
realize that often the difference between good roads and had roads is the the difference between prolit and loss.
far be:ond our roads hate a ardinary conception may value
Ilad roads constitute our greatest drawhacks to internal de
 Inean irosperous farmers , lad roads mean atancongested mopulated cities, where the poor are destineld to becomatercoreres, where the poor are descultivated farms and cheaper food products for
the toilers in thin towns: had roads mean poor for the necessities oi liic. the loss of untold milment "ood roads will help, those who cultivate the producers and farmers cf our country will in-
creas.
our wealth and tenefit all the reople. We creas. our wealth and farmes withoat final decay.
cannot destroy our
They are to-dai the heart of our national life and
 the . If lou say good roads will only help the . If yu say good roads will only help the
farmers. I deny it The farmers who produce the
necessaries of life are luss dependent than the milOns and of life are luss dependent than the mil-
ith. onst sumpericial impest. who live in our cities.

 the farmer.
him is to
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ility of | $\substack{\text { tility or or } \\ \text { ioss } \\ \text { ind } \\ \text { know }}$ |
| :---: | country; $-$

ГHE FARMER'S ADVOCATE.
$\qquad$ RMER'SDVOCATE. $\square$
$\qquad$ "as shown i, a representative of the of oftice of
Road Inquiry at Weshington, and the congress
conclucted its work on Saturday.
$\qquad$ Our Scottish Letter.
$\qquad$
$\qquad$ the tnited States.
tional undertakings, h
that ii the Ciovernum
partner in life. We had a big night of it in Kirk-
cudbright Town Hall, and Canadian fricnds were cudbright Town Hall, and Canadian friends wer
well represented by Mr. Kobert Ness, Howick Quebec, and Mr. Robert Sinton, from the North-
west. More than twenty years have passed since similar honor was paid to Mr. Andrew Montamory, and we take it as something unique
among stockmen that two brothers, members the one firm, should have been honored in this to Mr. William Montgomery, who is one of the most popular of Scottish stockneen, and a busihess man with whom it is always a pleasure to IIan who has lately been honored is Mr. William Howie, the noted tenant of Burnhouses, Galston,
and a very successful breeder of Ayrshires, as was and a very successful breeder of Ayrshires, as was his father before him in the same farm, and his
brother, Mr. James House, at Hillhouse, Kilmarnock. Mr. Wm. Howie has removed to the farm Carwarrock, near to Pollokshaw, in the vicinas breeder of Aynshire is a good farmer, as well

Technical Training for Fishermen and Fapmers The Roval Commission on Technical Education and giving promise of results that will liberate new forces in the educational history of Canada.
At points like larmouth there was unanimity of opinion in favor not only of technically-trained but serious complaints of the imperiect education of the youth in the common rudiments of school
knowledge. Clerks were reported ficient in the three 1 ''s, and unable to write de well as those of 25 years ago. It was pointed out that the old apprentice system now failed to
accomplish what was needed.
Both at Yarmouth and Liverpool there were calls ior special training in methods of curing fish and for marine
schools as part of the regular school system, where shipmasters, mates and second mates could
be properly qualified, encouraging young be properly qualified, encouraging young men to
continue in the C'anadian service instead of going to the United States to learn and engage in sea-
faring. Among the special nceds of the fishing in the mechanisin and management of gasoline power boats which have come into use, entirely improved methods in fish culture should be and plied also. Existing marine schools under private evidence on these subjects was viven valuable Hendry, ship, buildar and owner, and M. H. Nicker
son, M.P'P. Stanley A. Starratt. P'resident
the Summer che Summer school of Science, and others, gave
testimnony to the value of that institution. How well it is appreciated is shown by the presence o
some 200 teachers, at a cost of about $\$ 30$ each for the term, voluntarily assumed to improve thei own efficiency. In one case it was reported tha municipal authorities had discontinucd manual though the pupils themselies had strongly peti-
tioned for their continuance. Prof. W. W. Andrews, of Mount Allison Univer
sity, spoke in high appeciation of the valuable
research work being dume and agricultural colleges, hut added with force training in oopler of the furm required specia appled with skill. The min who grow crop-
should be trained from the beginning, and sinc agriculture was the countrys greatest industry.
the work of the schools should have positive relation to it. This position was further sustained
ty the evidence of Prof. ©. MeIntosh, of Dalhousie
Iniversit and testimons in support of manual Triversit, and testimons in support of manua number of gentlemen and lady teachers.
Wr. Rotertson. the chairman, and other mem bers of the "ommission are expressing themselves schools visited and the cordial receptions every
where accorded them, and the carnest and promp forts on the part of municipal and educationa

Death of Andrew Gunn

[^0] Dominion, as he was widcly kown, personall,

Canada's Revenue for the First Four Months of the Fiscal
$\qquad$ months of the present tiscal year. Canada's revenue spondins period of last vear. for the same pi by , the expenditure on revenue account increased creased by $\$ 6 \$ 1,884$, leaving a net betterment of over five millions.
been $\$ 35,605,439$, months, the total revenue has $\$ 23,003,748,439$, or $\$ 5,187,918$ better than last vear The expenditure on the consolidated fund account has been $\$ 22,044,07.1$, and on capital account $\$$ expenditure has excess of receipts over the tot point to a surplus this year of revenue over all ordinary expenditure, even larger than last year's July the revenue totalled $\$ 9,330,586$, an increas of $\$ 883,148$ over July of last year. Expenditure on consolidated fund account increased by
242.290 , and on capital account by $\$ 232.380$. 242.294 , and on capital account by $\$ 23.2380$,
The net public debt of the Dominion at the en

Middlesex County Standing Field Crop Competition.
The judge has finished his task of arranging in
order of merit the entries in the standing fielt order of merit the entries in the standing field
crop competition for Middlesex County and the report for , oats, is is here given: First, R. R Cameron, Ailsa Craig, on Banner oats, scoring 821 points : second. Chas. Bean. Brinsley, on Sibe
rian oats, scoring 80 points: third. Huches Bros Falkirk. on Aluundance oats, third. Hughes Bros. Gilbert (irieve, Duncrief, on Wratt oats, scoring T7. fifth, Thos. Hindmarsh, Ailsa Craig, scoring Ranher oats, shoring 7 T2. Highly commended.-Ros
Bros., Naim, on Banner oats. scoring 701 mended-D. MeArthur, Ailsa Crais on Banner oats. scoring 64 points. The winners here hav
made a splendid showing. and should if made a splendid showing, and should. if possible. tion noted elsewhere in this issue. ." The Farmcr's Advocate" takes an especial interest in the winners of the first six places prove to be negular paid-up subscribers to this paper. Noubtess. the
skill and ability of these farmers has placed then skill and ability of these farmers has placed them some ground for feeling that the efforts of ... Th Farmer's Advorate have been weighed in the bal

## Apple-growing in Ontario.

## At the International Applegrowers' convention

 Crow, of held at Niagara Falls, Mntario Agricultural Collegenfersor ing of the industry in Ontario. stated that for about fifteen wars the industry has been steadily venal of the busimess in some sections, yet atol generall: it is still on the decline. Nost orchary between. There has been a a general decrease in th.quantity of wood amples findine their wal to mar. quantity. There has been a general decrease in the.

\&

## THE FARMER'S ADVOCATE



Destructive Insects and Pests Act. hove Aot, was ordered by His Excellency the
orernor-incouncil, at ottawa. on July 27 th.
g10, in wirtue of the provisions of Section 3 of . Siction 1:3!-All nursery stock originating in Hapapshire, Maine, Massachusetts, Connecticut and shall after fumigation, be subject to inspectio This remulation has been issued to prevent een found and are spreadin In certain of the New England States nurseries
ru, in regions, seriously iniested with the Brownail and Cipsy moths, and this inspection, in ad-
dition to iumigation for San Jose scale, is necesary to insure the absence of nests of the Brown-
ailed moth or egg masses of the Gipsy moth, both which have been found on rell England nurser: Already a number oi injurious insects have been
ound on Jupanese stock, and the introduction and stabistiment oi some of these might prove to be
 I. awna herellera Dup., and Nephopteryx rubritonella lias.), have established themselves on the
facific coast, and other have been iound which
timht rradlly do so Prince Fdward County, (ont... which has been
Onstructing a number of excellent macadamized ain roads in the past excellent macadamized prosecute still further the work of improvement. A
Provincial order-in-Council has been put through. Provincial order-in Council has been put throaigh,

Enumeration of Census Values ster coniormation, but is of ch tuppe found in the - roadster breed, and which the Unitiead States Gov 911 will be enumerated under the date of 1 st ernment wish to establish and much reason for guessing hirt urtuate. Ther June. They will include the real-astate and live- is much reason och greessing huswavura, wis lightness stock values of each enumeration district at that, one of the Coach breeds, huskaviat, his lightness
date; of the live stock and nursery stock sold in of barrel and fineness of bone anke eammarks of the 1ate; of the live stock and nursery stock sold in
1910; of the dairy products consumad at home, sent to the factories, or sold, and of the animals slaughtered on the sarm in the same year, to
gether with value of other products of the farm. gether with value of other products of the farm.
Land and buildings, and farm implements and machinery owned by every person in the enumera-
won distict, will be recorded separately for values lon distrct, will be recorded separately for values
in 1911 , and the rent of land and build ngs will also be recorded if leased in that year. Values
will be taken for orchard fruits, smatl fruits and vegetables, separately, for 1910 but values of
horses, milch cows, other horned or meat cattle, horses, milch cows, other horned or meat cattle,
sheep, swine, poultry and hives oi luees will bee
tahen sequalately for 1911, at the date oi the census. Whes of tive stock and nursery stock sold
in 1910 will include horsus.
$\qquad$
$\qquad$ Dans products consumed on the farm, and sent 1910. They include the values of milk, criam,
homenade butter, and homemade cheesil. Animals slaughtered on the farm in 1910 wil e. Sheen, swine and poultry $\begin{aligned} & \text { Horses are not in- } \\ & \text { luded in these values, as in our country their }\end{aligned}$, meats are not used for food.
The values of other products of the farm in-
clude those of eugs. honey and wax for 1910 . hool. maple sugar and maple syrup for 1911. and Th. enumeration of hired latwor on the farm re-
ars to the yar 1910 . It will give the total The number for all men who wort for hire on the farm, and the total amount paid for hire, includshould include the value of board. The inyuiry relating to carnings for domestic service is asked for in schedule No. 1 .
In addition to the foregoing inguiries of values, a question is asked for the value of all lands and
buildings not manufacturing establishments. or mines owned in Canada in 1911. Which are outside

## Breed-study Contest.

 The contest is growing. Thirty-three replieswere recreited, coming from Nova Scotia. New is runswick, Quebec and Ontario. Let us have a
hundrud replies in response to the query appearing this week. Out of the thirty-three replies received this week, none were correct, though the
reasons were good, and some of the puesses were reason. were good, and some of the guesses were
clos. Sixteen put the horse as a Hackney seven a French Coach, six a German Coach, one one a Thoroughbred. The picture was that of Carmon 32917, a
registered standard-bred (or American Trotter) hgistered Standard-bred (or American Trotter horse. The picture was taken when he was 12
rears old. This horse is now at the head of the
ciovernment Breeding Government Breeding Stud, located at the Colo-
rado Experiment Station, in which work the Vnited States Government is secking to evolve. by judicious mating and selection, an American hean-harness type of horse from the hlood repreCarmon has had quite a career as a heavyharness show horse, himself t,eing one of the lead
horses in Sir Thomas 1 awson's four-in-hand team once famous in American Heaveharness Horse once famous in American Heav-harness Horse
Shows. He was then known as Glorious Thunder-


$$
\begin{aligned}
& \text { This week we offer you tha giicture oi a pure } \\
& \text { bred cow, and assure our compladeante that she is }
\end{aligned}
$$ bred cow, and assure our compraztramits that she is

thoroughly typical of the breedl too which she belongs: so. if you do not recogetizar the breed, ge
busy with your boois. dollar book for the first and bust cemrrect answe "aching us, but reasons for that amswir, as well as he correctness and the earlinuass ofinde urrival here, are considered. We cannot comsubtr wnswers which
reach us after noon, Mondum 4uyust 22 nd, at

## How Tuberculosis iss Introduced

 Among ciows$$
\begin{aligned}
& \text { I "isconsin duiry herd oi wh theath, all appear } \\
& \text { ng. hralthy, were sold to dimithe the tinterest }
\end{aligned}
$$

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\begin{aligned}
& \text { mo foalthy, were sold to dimidts. the interest o } \\
& \text { landlord and tenant, says Di. Wh. URussell, Dear }
\end{aligned}
$$

ndlord and tenant, says Dy. 昀. L. Waussell, Dean

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\text { aining } 18 \text { head of what he thurusght the most valu- }
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\begin{aligned}
& \text { labning } 18 \text { head of what he thumberte the most valu- } \\
& \text { able animals, and thenes. The her }
\end{aligned}
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& \text { ans disiersed to twelve persumm, elleven of whom } \\
& \text { whus introduced tuberculosis intaon their berds, for }
\end{aligned}
$$

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\begin{aligned}
& \text { thus introduced tuberculosis mpan their berds, for } \\
& \text { thirty-two of these cows wende ipound to be in- }
\end{aligned}
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\begin{aligned}
& \text { thirty-two of these cows wend ipound to be in- } \\
& \text { fected, the tuberculin tests buimg given by State }
\end{aligned}
$$

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\begin{aligned}
& \text { fected, the tuberculin testis buimg given by State } \\
& \text { leterinarian F. D. Roberts. Nimbe of these ani- }
\end{aligned}
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\begin{aligned}
& \text { shoved it had made only slighta theredway. How } \\
& \text { voer, it had begun to spread it the five monthe }
\end{aligned}
$$

simeadd im the five months
ith awidhmound discovery was
nost timely to prevent the spresed of infection

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\begin{aligned}
& \text { from the twelve centers. } \\
& \text { And this is the story }
\end{aligned}
$$

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\begin{aligned}
& \text { And this is the story oi houy thapens right } \\
& \text { long. We didn't have tupuraul generation }
\end{aligned}
$$

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\begin{aligned}
& \text { along. We didn't have tubunuulide generation } \\
& \text { ago, because we were not bumation the out }
\end{aligned}
$$ interchange of stock. In the emarlise stages it was spread by the pure-bred stuft One herd had

 ion has been a still mone quotumit ifactor than irvate sales in thus spreadingr dientum wand destrucpurebred cuttle. Out of 363 diseas $d$ hends fiodumd in Wisconsin
ests, 263 herds, or mone tham The mer cent. hat acquired the disease by yunumbuse ther what mare positive proof could one mambu wif the spread of
uberculosis through the impuruthunge of animals from herd to herd?
When a man buys a tubureuleous umimal. he could better afford to take it outa ammblymodk it on the head than to take
syread the disease.
$\qquad$ al lesson gnomimg woud of the knowl
buy cattle too trader innton of herd un alge is, never buy cattle tow tadue intho on herd
iss they are subjected to ther tumberctilin test.

## Good Crops in New Ontario.

 Reports from agents on tha lime oif the Temishat the farmers of the Liiskewerd district will have good harvest this yean. ther mere corop is very istrict hay will be shippertl ewth imstead of bein Similar favoruble uthuentes of the has rain and vegetable crons in ther fingleha| IP |  |  |  |
| :---: | :---: | :---: | :---: |
| Whume -7, of the American shorthorn | now beink offered for the | Years the lias proved himselt an extra | ${ }_{\text {gi }}$ |
| Ilow, has been isssund trom the press |  |  | m |
| nd a cory has, hy courresy of the Sec- | dinv |  | w |
| and editor, John W. Giroves. Chi- |  | tural Society, Campleell's Cornets, Que |  |
| ume cuntains | 11. |  |  |
| it hulls numbering from 307001 |  | Smart, Vesta, Ont., a thick bull calf, by | $\underset{\substack{\text { whi } \\ \text { Per }}}{\substack{\text { a }}}$ |
| (\%) and of temales from 4 onil th |  |  |  |
|  | mand for bulls they |  |  |
| dis for sale | one good ymarling (Truichsh | L.ord Rosetherry (imp.); to T. E. Post, | fools to udicuta |
| do | , 'ruris Then | yearling bull, by | MARKETS. |
| oby (iinl \& Aski |  | nice sulf cates comming |  |
| re lired | $\mathrm{A}$ |  |  |
| ,on, und from | to our hured hull. Bandsman, and to |  |  |
|  | master, firs at the Roval have | son's Corners, (ont., has had it changwe |  |
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THE FARMER＇S ADVOCATE


Toronto
Recempts at the Union Stock－yards o，

Chen of last whek＇s marhet




Ralph Waldo Emerson.
Little Trips Among the Eminent.
one of the least remunerative men
ever encountered." During his trip, Emerson met Ben-
tham, Mill, Landor, WVordsworth,
Coleridge. Carlyle, and many others Coleridge. Carlyle, and many others.
It is entertaining, at this present
date date, to read what he then wrote of
them : 7 . To be sure, not one of these
is a mind of the very first is a mind of the very first class; but
what the intercourse with each of
them suggests is true of intercourse
with better men-that with better men-that they never fill
the ear, fill the mind no, it is an
idealized idealized portrait which always we we
draw of them. Upon an intelligent man. Wholly a stranger to their
names, they would ma:e in conversa tion no deep impressicin-none of a
world-filling fame. They would be World-filling fame. They would be
remembered as sensible, well-read,
earnest earnest men-not more. The com-
fort oi meeting men of genius, such as these, is that they talk sincerely
They feel themselves to the so rich They feel themselves to be so rich
that they are above the meanness of
pretension to knowledge which they have not. and they franhly, tell you
what puzzes them lluit Cinlice
Carls le is so what puzzles them But carlile.
Carlste is so amiable that I love
him., As a matter of fact, he spent some
time with Carlyle at Craigenputtork.
and seems to have seen no trace of the grouchiness usually attributed the brilliant but dyspeptic old rha, sodist and apostle of hard work. The
riendship bet ween the two was hence forth practically the tho was hence-
surely the nt surely the attraction of opposites As
Cabot says : Hal they been re quired. respections, to define by in a theory of conduet. (arly of woll, wald have selected the notion that man
kind need only, to bee set free, and led
to think int to think and act for themselves. and
Emerson the doctrine that they next Emerson the doctrine that they newd
only to be well-governed Ther. "as one strong hond of union, how. as a sincer. seeker for truth to preach interimitimerson contlyueil lecturing, which he followerd during In 1 n31 some properly of his whe.
 his mother. and his lritlliantly clouer could be carried out lidward died of tuberculosis in the West Indies Hact he lived. it is generully beltered thet
Ralph Waldo might hase hat to tal second parce might have hat to tate
Emerson family.
 Mass., which was to bee his homen for

 land about it, and in the rear ase den with "powh loading onf ar rose hills which herroaft..' wern ...


 her of their lirospuct....e hom *o more 1
do ord
hooks.

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\begin{aligned}
& \text { a writer of pure literature, this man } \\
& \text { of moonshine should be given to un. } \\
& \text { eersal nccord the highest plac." of a }
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& \text { Amersalcans. } \\
& \text { An he highest illare of all house of Vmerson lo., for } \\
& \text { Ino the sars. }
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& \text { chose on condiui. }
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& \text { chose, on condition that he choobly } \\
& \text { teach pinerson garriening and frwe }
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## IHE FARMER'S ADVOCATE



| : "as the guest nd met ". Christoph |
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 succeded her, then Theodore Parker,
but before many sars the little
magazin. magazine gasped out its last breath. The ordinary populace had no espe-
cial liking ior the Transcendentalist: and a magazine cannot survile with-
out subseription lists.
Fimerson now began to write books.
while still continuing his lectures on aimost elwe subject under the sun-
ingraphy. literature. history art. morals, politics and philosophy, In
$1 \times: 36$ he pullished his Mature, but in twelle years onls 500 copmen were
sold. The essay, howewr met with the approval oi farlyte. and in on far
its anthor must hate considury it a Bmerson's method of "orsing was
to "rate "ary mornins. "iing the diternoon ap to reading, contertaining
iriends. ind meditation out upon the
hills. Ho was indead, no bollower oi the thought of others. but he read for
the stimulus of su-gestion. Ite 1 ,ue mot be timd too much to hooks, wet
he was impationt of the seli-made
men whose orivinalit tists on thair men whose "originality wests on their
ignorance. He would thiah atone ignorant of the thonghts and acoum-
Wishments of others. pa speech on the Imerican sichol
ar. which Wr. Iow.ll considered
an went without an former patal-

 declared a neither in whitics. nor
church, nor college nor cits. And again iltt mee nerer fall into the am persecuted whenever 1 am contra-
dicted. He was, at this time, at ultra-Puritanical ideas of a time. Is
the sears went ons, thowght adtanced in his direction. and then the unicermade hast. to do him honor,
In the same year. $1: 33$, he incur-
wed some more criticism, for an ad red some more criticism for an ad-
dress on slawery, which was scarcel? iervent enomgh to suit the prevailing.
sentiments of Xew Fngland H.
heartily endorsed, hower. heartily endorsed, howeser, Lincoln's
sulsequent course.
When the famous brook Farm and When the famous brook farm and
Fruitlands cxproments worn made
 declined to have anything to do with
them the indli idualite o the ordi-
nary farmer atheated to him wome

 him till the eruitful catt ander the
glad sum. and write his thought on $\qquad$ isiting West Point Academy with .

 Ing look $1 \times 6$



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Hope's Quiet hour.
There is Nothing Hid.
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$\qquad$dast, wher spirit dee dragend down by
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& \text { and safe. while the path } \\
& \text { s is dark and mis.rathe }
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And. Knowing thi

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& \text { Reverence. } \\
& \text { booth with }
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& \text { deeppror } \\
& \text { eights. }
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ermore.

## The Ingle Nook.





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of the Bibie by the dianious groups
of the Index labels, thus
$\underset{\substack{\text { The Pentateuch } \\ \text { Historical B Boicks }}}{ }$

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[^1]ALGLST 11, 1910


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Beaver Circle Notes. Hessie McTavish sends a riddle what goes through the water and throurt the
water, and says chink, chink A chain on a vessel.
If your li.tere does nut appear withie
seven or wight weeks. you taay lake n
for granted that it wan not intervet ing


Our Junior Beavers.
A Laugh in Church The dear. wee woman of four Hung dangling above the foo And so, with her hig, brown evem Ah so, with her hig, brown eyec. And counted the crawling flies the looked tar up at the preacher
But she thought of the honey-bee rroning away in the blussoms
That whitened the cherry troes she thought of the broken laskel
Where, curled, in a duaky hamel Where, curled, in a dusky henp,
Chree sle.k round pupplies, with fringy ears Lay snuguled and fast asleep. uch soft. warm todies tol cuddie
Such quacer little hearts uch swift, red tongues to kisea y Such sprawling. cushiony feet The eet in her clasping finse ad cold of the satiny skin. The dimples under exploring Then a sudden ripple of laughter Ran over her partod lom With her rosy finger thot catch he people whispered, "Hless the ehit As each wne waked from a nap kut the dear, wee woman. hid her tare
For shame in her mother's lap


SELL A COW AND BUY AN I H C SEPARATOR
$\qquad$
$\qquad$
$\qquad$



THE FARMER'S ADVOCATE

## Let Him Alone

Perhaps some maker or agent of Perhaps some maker or agent of
common cream scparators is trying
to sell you a disk filld to sell you a disk filled or other com-
machine by
clicated
cla iming
most effi-
 quatatinerusix durable. Ask him why he makes such
claims when everybody knows that Sharples Dairy Tubula Sharpies Dairy Tubular
Gream Separators use neither dirks nor other contrap-
tions, yet produce tuwice the skim-
ming force, skim faster, skim twice ming force, skim faster, skim twice
as clean, wash easier and wear long-
er than common machines. If he tries as clean, wash easser and wear long-
er than common machines. If tre tries
to dispute these facts, ask him to go to dispute these facts, ask him to go
with you to the nearest Tubular agent and disprove them. If he refuses to go, just let him alone-
machine is not the kind you want. machine is not the kind you want.
Tubulars are The World Best Sales
easily exceed most, if not all, others combined. Probably replace more common separatore
ethan any one maker of surb machines sells
The manufacture of Tubulare is one of The manuacture of Tubulara is one of
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indutries.
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| 5.00 to $\$ 10.00$ |

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 $\substack{\text { Massie } \\ \text { Beavers }}$ Wavers 10 currand like some Myrtle Reaume (Hook IN IN.). Fairplas
"The Farmer's Advocate" Fashions

$\qquad$




Current Events
one who ived in the country seemed to to
know how to use vegetalle colors; but.
of late years dyeing
 There are in the (iity of Montreal $\begin{aligned} & \text { country minister, whose salary was two } \\ & \text { hundred dollars a year. By several }\end{aligned}$

 the Northwest. died at the ave of $89 \begin{aligned} & \text { old book : } \\ & \text { Safron steeped in earthen, and strained, } \\ & \text { colors a fine straw color. It t takes } \\ & \text { delicate or decp) shade, according to the }\end{aligned}$
vears. in Toronto.
$\equiv$
 causug preat loss and inconvenience
to the public, was settled, largely
throush the intervention of Hon Macthroush the intervention of Hon. Mac-
Kenzie King. Iominion Minister of Iabor ** *iormal school Thirty-four Ontario Xormal school color
teachers who have obtained second- White maple hark makes a good light tachers who have obtained second- White maphe bark makes a good light
ciass certificates, have also secured brown. This shomld be booiled in water
certificates having successiully com- set with alum. The color is reckoned
pleted the course in elementary arts better when boillod in brass, instead of
at the (1)




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 terms are now as follow.s.. I do
solemnly, sincerely, in the presence of
$\qquad$




## Home-made Dyes.

##  <br> $\qquad$

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$\qquad$
Wanent and beaut iful, than aniline collew
ider cul
Japaname.


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THE FARMER'S ADVOCATE
 Need you guess twice about the
motive?-when anyone telis
you that the up-to-date manure
spreader-the aptly-named
SUCCESS-is no longer made SUCCESS-is no longer made
in Canada. Just you investigate. Just write the Dain
people. Do that before you put a dollar into any manure-
spreader investment spreader investment.
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 $\underset{\text { FOR }}{\text { ASK }}$ AOR
MORE
MACTS Di1. MFG. CO., LIMITED 90 Dain Ave., Welland, Ont.
The God of the Open Air. A Woman's Answer.
Thou who hast sel Thy dwelling tair
Wiin thent
 Thou who hast set Thy dwelline fuir
With nowers beneath, alove with starry
liwhts
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In
An
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'THE FARMER'S ADVOCATE

## DISORDERS, DISEASES

And Blemishes of the Skin


Superfluous Hair Moles, Warts, Ruptured Veins,
Smalloox Pittings, Etc S permanchen
plestov is
position.
int our ho phestin. hom
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Hiscott Dermatolestat insitute
Hiscott Dermatological Institut


Cake Icings
If you had trouble with prepared Cake Icing, it was not Cowan's.
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Then we adapted the FUSED JOINTS to the firepot and fused 27 steel ribs into the castiron, thus increasing the radi:ting surface thrce times that of any other firepot. An
 accurate three years
test, proved that the "Hecla" Steel Ribbed Firepot saves one ton of coal in seven.

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QUESTIONS AND ANSWERS.
Wiscellaneous.
THOLAND-CHINA HOGS.
THICRENTNG IN HOCK.


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an advertising claim but an absolute guarantce. We guarantee sixtee is in every bou without holes for six months. This guar-
anter offer? We want you to know Neverdarn Holeproof Hose. We simply ask you to try them and guarantee to give you free of NEVERDARN Holeproop hosiony

For men, women and children

 of the children's sizes. This weave makeses them extra durable,


6 Pairs Guaranteed 6 Months, $\$ 2.00$

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 Imported Clydesdales

SMITHH \& RICHARRDSON 8MITH " richaridson, collumibus. ontairio. CLYYESDALE FILLIES OF QUALITY Gur new imporation of 12 HODGKINSON © TISDALE. BEAVERTON, ONTAARIO Mount Victoria Stock Farm, Hudson Heights, Quebe T. B. Macaulay. Proprietor

QUESTIONS AND ANSWERS.
Veterinary. BLOODY MILK-LAMENESS AND
UNTHRIFTINESS. UNTHRIFTINESSSS AND
Cow is gradually tailine. She milks
tairly well. hut gives chunks of cloted




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| :---: |
| s |
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> umbilical hernia.

 bandage on until 1 see the answer
The Farmer's Advocate. .
 umblilicus (navel opening, , in ont, there is
an acoidenal opening through the walls
of acher an accicental op
of the abdome.
readily be returne
 pressed into the cavity. will do. it
necessary to have a protuberance on bandage to press against the tumor ${ }^{1}$
this does not effect a cure in six weeks get your veterinarian to operate. He
will apply either a clam or a ligature no doubt. $\overline{\text { Miscellaneous }}$

## yellow trefoil

 fion. I would you a weed for identinnway to kill it? Ans.-The weed sulmitued
medick (Medicneo luylina L.
 quenty sown with trass mixtures. Th sred is common in clover seedsc and
should the treated as a weid since ${ }^{\text {t. }}$...
 ounh curetivation, such as a hoed
gives. will eradicate it. BLIND STAGGERS.
 worked for ten minutes or so , he began
making $n$ funny noise, as it he couldn't
 semed as good as ever, but he can
work: have tried him see. eral times, an
wis. he does the same thing he he
is in tair, coud condition
canse 2. Is there a second-hand clothing sto Ans. - . This is. in all probabiilit,
lind stagkers, or . stomach stagzers due to a conjestion of the blood vessels inrough nervous sympathy from stomach
trouble. Draw six to elght quarts of Whood from the jugular venin, and give drams kinger. Feed bran only unt purgation cummences. Fered lighty o
only first-class foods: exercise repularly "hen purgation crenses.


## ABSORBINE

 min reano intramed, swollen Jo

HIGHLY-BRED CLYOESOALES for sale
Always on hand, stallions, colts, , mares
and fillies. The champion stallion, "Baron Howes"" (13847), was purchased from this
stud. stud. Apply:
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Shorthorn COu
.w.en. Stewart w Graham Port Per.in

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Traction Engines, $\begin{aligned} & \text { makes the whecl as nearly fricioikess as pos- } \\ & \text { sible and recuces }\end{aligned}$ It ends axle troubles waves ance and box. tiend axte troubes, sives encrgy in the engines coconomizes fuel and power.
Granite Harvester Oil
anses better work from the new machine and lengthens the life of the old. Whereever bearings are loose or boxes worn it takes up the play and acts like a cus
Changes of weather do not affect it
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fect lubrication you need. It provides perfect lubrication under high temperatures without appreciable carbon deposits on rings or
cylinders, and is equally pood for the external bearings.

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\begin{aligned}
& \text { ternal bearings. } \\
& \text { If not at yours, write for descriptive circulars to }
\end{aligned}
$$

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Station Douslas. ruscarora. Ont Caledonia SHORIHORI:
BERKSHIRE

QUESTIONS AND ANSWERS Miscellaneous.

HOGS COUGH fothernd with a conum: all my hogs sen to get it at about two, months olds: othe
ways thins sumbll ways they serom all rivhe. Thery are run
ning in pasture, and 1 aun giving the hop and shurt- mived Piving then
Ploase give
II. II hasty slepping plares, the dust lueing int
sipposesed to
hhould nort
hasture.

miscellaneous


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lie spring
liating,"
6. What in the lust kind of wheat t,
w on new land the land is very strong
you know which sind weil

What is the In>> hind of grain to so
8. Do, 5oun rewommend shim mowiny
is one cyond dapp plowing
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$\qquad$

## PLEASANT VALLE SHORTHORNS <br> $\qquad$  

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 Production and large teats. Record; of
Performanod work aspeaity Fify
head to select from. Prices right. FRANK HARRIS, Mount EIgin, Ont
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SOUTHDOWNS
Allowar lodese stack rarm
SHROPSHIRES AND
COTSWOLDS

## DAMAGE FROM FIRE

fich to boil his a fere kettle, July in histects hat
ROBT. McEWEN, bYRON, ontario John Miller, Brougham, Ontario
MAPLE VILLA OXFORD DOWNS and YORKSHIRES




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These pictures show you plainly how simple a matter it is to change a decrepit frame house into one of cement-stone. to use my knowledge. You can inform yourself fully on the whole big question of the use of cement for practically every use you are probably putting lumber to now. I will instruct you fully, in plain language, in the use of cement for making anything from a fence-post to a dairybarn. And I can show you how to save money by using cement for any building purpose instead of using wood. Simply tell me your name and address and mention what sort of a structure you think of building or repairing-whether a residence, a poultry house, or even a drinking-trough, You have nothing at all to pay for the advice and instruction I will promptly send you. Write to me. before you buy another bill of lumber for any purpose. Be sure to.

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[^0]:    pronduce firm. ©uns, Limited, died crach sud and hifty-two sears ngo at beaterton, ont, where he
    lived for some time, later mocing to wood ille
    Twent,-three sears ago he became funior partner
    
     be much missod. not ons in the imane and he

[^1]:    WHEN WRITING ADVERTISERS MENTION THE FARMER'S ADVOCATE

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