## PAGES

MISSING

## STANCHIONS

WATER BOWLS
SAVE TIME AND MONEY.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Shows simple arrangement of stabling
Where stauchions and Water Bowle are

 If you are thinking of making any
changes in your stabbe. or would ilike to
know more ebout our sianchions Water

Tho Metal Shingle \& Siding Co,
PRESTON, ONTARIO.


HOM易ETEAD REGULETIONE.
$A^{\text {NT }}$ oven numbered seotion of Dominion Alberta, excepting 8 and 96 , not reserved. mat be

 uituatte homéneeder is reanired to perform the
Tonhitions ooonieotod therewith under one of the
 (in) if the father (or mothor. if the father it

 apon fratming land owned by him in in the viouncity
of his
his

 (taws of intention to apply for paten
$\mathrm{W}, \mathrm{W}$ OORY
$\xrightarrow{\text { W. W. ORY, }}$ N.B. - Onant orhorised pabilioation of this eaver.
Hill
Hement will not be paid for.

## Binder Twine.

Central Pritoon Binad furino will be supplied
600 feet per llb., II 1-2C. per lb.
550
500
9 -2 2,
The twine is pot up in 50-pound jute sacks
and is manufactured from Soleot Fillore ; Quanty and Lenstin cuaranteed. tity reaniped.
Purchaser pays freight, and cash must accompany shipping instructions.
Apply J.
T. GrIM. OUR, Warden,
Central Prison, Toronto. Ont.
The Maritime Stanchion Has AUTOMATIC LOCK Which is simple
and sure. SWINGS FREELY so as to give

 BAILEY - UNDERWOOD CO. BAILEY - UNDERWOOD CO.
Limited,
New Glas§ow, Nova sootia

THE FARMER'S ADVOCATE.
123.9
"Mornin', Josh."
So did mine,
Mornin', Si,',
' Mornin', Josh.'
Under the spreading Chestnut Tree,
Everybody's Magazin
Sentence sermons Daily duty may be the divine drill.
He takes heaven the happy heart.
The way to heavenly mansions may lie The way to heavenly mansions may lic
through mean tenements. You cannot tell much
You cannot tell much about your
crown by the size of your hat. Man, in the making, can only be measured by the Master Workman.
Be patient ; card-houses are built in an hour; cathedrals take the centuries.
Stepping stones to success cannot built out of broken commandments.
Where a mbition Where ambition plows the heart, you
can always plant the seeds of hatred an always plant the seeds of hatred.
Dark days always last longest and luo's Glackest to people who frown at them. Some men think that they are woary
in welldoing because their in welldoing because their jaws ache. more than your attempt to do nothing.
The soul gets littee provender out of a performance that looks only to the salar
Wh When furniture becomes all-important
the faith it has reached its own The place where temptation is fiercest iaithful. Iy of another. helps to bring in the kingdom of heaven.
It is easy to pyt to think thit your are warming the world when you are roasting others.
Men who take pains to be faithful to
the fashions are tot likely the fashions are not likely to le fash-
ione: to the faithfill. Some men never find any thing they
can stick tol until they get in the slough
of despond.


## - FARIII LaBorerrs <br> To Manitoba and Saskatchowan

$100812=$
AUG. 14 Stationt toouth of but not including main line, Toronto to Sarnia, including AUG. 17 Main line Toronto to Sarnia and stations north, except north of Cardyell 1US. 22 From all points Toronto and east to and including Sharbot Lake and Kingston, and north of Toronto and Cardwell Junction on North Bay and
 Goveramenth, will meet cortificate is furnished when each ticket is purchaseinta where laborersare poeded.



For full particulars see nearest C.P.R. ticket asenth or


THE FARMER'S ADVOCATE.


Joither the HoTTTET day of AuMrg arrects the carey Root Jant hio


gareys noofline




 THE PHILIP GAREY MFG. CO Toroato, Ont, Elondon, Ont.

## 20,000 Acres Wheat Land

## ration steants AdJoinine. <br>  

C. W. Blackstock \& CO., box 21, reaima, sask.

## THE NEW HOME

 CanadaBusiness College,
CHATHAM, ONTARIO.




Fall torm opens in the new building Tuesday,
September 4th.



 courses.
Catalogue $F$ will tell Catalogue $F$ will tell you all about our training
ath othem.
D. McLACHLAN \& CO Chatham, Ont. P. S. - Mention this paper in writing There is a saying current in the - city of New York to this effect, "You can al-
ways tell a Boston man, but you can't well him much.
" Boss, Ah's lookin' foh work." ". All that must be brought up." "But, boss, dat's no work foh a lady ; wife does
washin'.,

THE SPICE OF LIFE Minister-T'm sorry to And you coming
out of a public house again, Hamish, after all you promised me.
Hamish-Ay
Hamish-Ay, sir, it's wonderful what
an awfu' deceivin' thing this mist is
D've an awfu' deceivin' thing this mist $1 s$ !
D'ye ken, I went in there the noo D'ye ken, I went in there the noo thiak
in' 'twas the, butcher's shop.
The Scot is proverbially careful with
money, but if the following be true, he money, but if the following be true, he
is more careful than we The ore careful than we before believed.
Thay a wild oyed Highlander en tered a chemist's shoped and askiled for " Twa pennorth o' Rough on Rats. Awn sick o' this life," he gasped out.
He was informed that it was. He was informed that it was only sold
in sixpenny packets. He looked long and
loving lovingly at his sixpence, and then said :
"Then $A$ w'l no commit suicide the no "Then Aw'l no commit suicide the noo." Lincoln visited him in Washington, finding him rather depressed in spirits, as the
nesult of the result of the reverses then repeatedly
suffered by the Federal troops.
" - This being President isn't all it supposed to be, is it, Mr. Lincoln?
said his visitor. "No." Licinolin replied, his eye twin
kling for a moment. "I feel some times like the moment. "Irsman, who, after some- being
ridden on a rail, said,. If it wasn't for ridden on a rail, said, ' If it wasn't for
the honor av th' thing, I'd rathor
walk.' "o
Mark Twain had finished his speech a a recche dinner party, and, on his seat-
ing himsell, a lawyer rose, shoved his
hands hands deep into his trouser pockets, as
was his habit, and was his habit, and laughingly inquired
of those present at the society dinn of those present at the society dinner :
". Doesn't it strike this company a little unusual that a professional humor
ist should be funy ? .? ist should be funny?" sally had subsided, Mark Twain theted this out:
" Doesn't it strike "Doesn't it strike this company as a
little unusual that a his hands in his own pockets? "
When the late Senator Wolcott filst
went to Colorado, went to Colorado, he and his brother
opened a law office at Idaho Springs un
der the frat der the firm name of "Ed. Wolcott \&
dro." Later solved. The future sartnetor phip was dis
few
facked his few assets, including the sign that had
hung outside of his office, upon a burro hung outside of his office, upon a burro
and started for Georgetown, a mining
town farther up in the hills. Upon his arrival he up in the hills. Upon his
miners who critically surveged crowd of miners who critically surveyed him and
his outfit. One of them, look ing first at
the. sign that hung the sign that hung over the pack, then
at Wolcott, and finally at the donkey,
ventured ventured: " Say, stranger, which of you is Ed?" In the train between Rome and Naples
some friends were some friends were smoking and discussing
education in England and Italy. One of
them suddenly education in England and Italy. One of
them suddenly said:
" I bet you $\$ 100$ that there are 100,"I I bet you $\$ 100$ that there are 100 ,-
000 people in London who cannot speak word of English."
All accepted the bet, so he added:
"And I will het you $\$ 200$ that another 400,000 , persons who can neither
read nor write." This also was accepted and proof de-
manded. manded.
The first man thereupon drew out
list of statistics showing that in LonThe first man thereupon drew out
list of statistics showing that in Lon-
don there are 100,000 children under don there are 100,000 children under one
year and another 400,000 of less than
four years. The bettor left the


## |H's The Easy Sparatior <br> 



# Che <br> <br> Farmer's Pdvocate 

 <br> <br> Farmer's Pdvocate}
"Persevere and Succeed.

## and Fome Magazine

Vol. XLI.

## EDITORIAL.

## Plowing Matches.

One thing strikingly noticeable in going through country in these days is the indifferent char acter of the plowing done on most farms. Time
was when farmers' sons and servants were taught that straight furrows and neat, uniform work that straight firrows and neat, uniform work
was the slovenly work in plowing was a mark of a poor farmer ; but now neat plowing is seldom seen, and carelessness in this regard excites but little comment. Apart from the difference in appearance notable between good and inferior work, and apart from the aptness of the adage, "What is worth doing is worth doing well," there is a real and substantial advantage in good plowing, as we shall endeavor to show. The object in plowuniform depth, to invert, and leave it in the best condition for being disintegrated and reduced to a fine tilth by the implements used to follow the plow. It therefore follows that if the land is: unevenly turned, some parts deep and others shallow, the furrow wide in some places and narrow in others, some parts are not properly broken up, a "cut-and-cover" class of work is the result, and the implements of cultivation which follow the plow cannot catch and move the soil to a uniform depth or in a thorough manner, and the consequence is an imperriect preparation of tho seed-bed, imperfect germination of the seac,
tive nourishing of the plants, a reduced crop yield, and an unever surface, rendering the work of harvesting ma-
chinery less efficient chinery less efficient
and more tiresome to the teams. Since plowing is the base of, all cultivation, and cultivation the essential to success in crop-grow-
ing, it follows, as a logical sequence, that good plowing is one of the most important of farm operations, and should be done in
the most thorover the most thorough and effectual manner possible, in order that the
best results may be best results may be seIn order that the young men of the
farm may be stimulatpride ind to tak their work, the ques tion arises whethe competitive plowing matches, which more generally prevailed sonre
thirty years ago in Ontario, might not be profit ably revived and encouraged. There is no doubt that these matches were effective in inciting not
only those who participated in them, but also only those who participated in them, but also
those who were spectators, to greater care and effort to do their work in a workmanlike and creditable manner, and the observer can readily
distinguish, as he travels through the country the better quality of plowing and more general neatness of all the work on the farms in the sections where plowing-matches were formerly held, and where men and boys made for themselves


Turning the Sod.
readers take part in a discussion of this subject through the medium of our columns.
The value of ideas lies in their application. A man may have ever so bright a brain, with well balanced judgment to boot, but unless he gets good. Unused talent is like a miser's money lying in the vault-with this difference, however that when the miser dies his property is liable to be discovered and used. When a gifted man departs from the teriestrial sphere, his genius goes with him. Give to the world the best that is in you ; if you do not give it now, you never will.

LONDON, ONT., AUGUST 9, 1906.
The writer recalls the case of a farm in Centra Ontario where the father and the sons were prize winning plowmen, and where, on visiting the farm, it was distinctly noticeable that not only ness observed, but the same spirit of pride in do ing the work well was manifest in everything about the place, even to laying the rails of a snake fence with their ends even, cutting the stakes off at an equal height, and piling a heap of unused rails with their ends plumb. Such an education in thoroughness will prove wholesome and helpful to a boy or man in all the relations of life.
kind is true that the style of plows used and the kind of work seen at the matches of years ago may not be considered best for the changed con ditions of the present, but. these may be provided Manitoba, where the requirements are in many respects, different from those in vogue in the East, and where plowing-matches are becoming increasingly popular, and are having a good effect as an incentive to more neat and thorough work. It is generally conceded that the autumn is the most suitable season for holding plowing matches in the older Provinces, and now is a of time to consider and discuss the desirability offer the and arranging for such. We directors of ${ }^{\prime}$ well take the initiative in the matter, as they have the necessary official machinery for such movement. We shall be pleased to have our

## The Fall Fairs.

The autumn agricultural and industrial exhibitions, displaying representative specimens of the best products of the farm, the factory and the studio, constitute at once an educative institution and a welcome relaxation from the toilsome tasks of the harvest, and the shop, and are well, wort in their management. Probably no other infuence has done so much to stimulate the spirit of improvement in the character of our live stock and other farm products, and the invention and introduction of mechanical contrivances for facilitating the work of the farm and lessening the labor connected therewith. The spirit which moved men of influence in this country half a century as to organize agricultural exhibition associalions and offer liberal encouragement for the impot thintroduction abor-saving devices, challenges the admiration and gratitude of the present genthe admiration, and gratitude of the presin gerwidening circles of area and influence. The boundaries of Agricultural Canada have extended towards the setting sun, and the little one has grown into a giant, with promise of yet greater development in the comfortable home-making of a happy and contented people, where there is room for millions more to work out a desirable destiny.
The midsummer exhibitions of the mid-Western
The midsummer exhibitions of the mid-Western Provinces, held early in the season, owing to the farm work in the fall, have been more than usually successful, and the prospects for the usually successful, and the prospects for the big with promise. The Toronto Industrial, claiming the title of Canadian National, is now by common consent the greatest annual exhibition of the kind on the American continent, in extect. in variety, in excellence and influence With buildings and equipment insured for $\$ 3,000,000$, an ideal $\$ 3,000,000$, an Ideal location on the lake sh50, a prize list of $\$ 100$ an the tainty of a record display of highclass horses and other stock, including a conRoyal Farms of the Majesty the King the Majesty the King, the
Toronto show this year offers attractions greater than ever begreat
fore.
The London and Ottawa exhibitions, alway attractive in themselves and in the beauty of the ities in which they are held, with added buildings, increased prize-lists, and improved facilities, the prospect of a successsul outcome, while he Dominion Exhibition, to be held at Halifax, ment by the sounding sea, with a $\$ 50,000$ Governaccommodation, and a liberal extended building draw visitors from all sections of the should Provinces, as it will exhibits from ior their boundaries. Later on, British Columbia with her outlook westward on the Pacific Ocean will present more than the usual excellent exhibi-
the Farmer's Advocate

## and Home Magazine.

the leading agricultural journal in thb DOMINTON.
the william weld company (Linatro).
john weld, mannorr.
 London (Engeland) Ofrycr:
W. W. CHAPMAN, Agent, Mowbray House, Norfolk Street,
Lpndon, W. C., England.
a. THE FARMER'S ADVOCATE AND HOME MAGAZINE is pubbished every Thursday. (ss issues pere year.)
It isimpartial and independent of all diques or parties
illustrated with original





- THE FARMER'S ADVOCATE is senp to subsecribers until an
expliait order is revecived for its disisontinuanc. All payments of
arrearages must be medo eo required by law.

didecontinued arrearages are paid and their paper ordered to be
C. RRMTT ANCES should be made direct to this office, either by
Wonet Order or
When made otherwise we wereill noteter, whe which will be at our risk.

7. Then made otherwisise will not be resionsible. be at our risk


2a. LETTERS intended for purielication must beuld be be written on one
8. CHANGE OF ADDRESS.-Subscribers when ordering a change
of fadroess thould give the old as well as the new P. O . address.

WE INVITR FARMERS to write us on any agriculturalal topici.
We arealm
We consider


Address-THE FARMER'S ADVOCATE,
the william weld company (Lnemed)
tion of her products of the farm, the dairy orchard, the mine and her fisheries, at the Provincial fair in New Westminster, one of the best equipped and most ably-managed exhibitions the Dominion. The dates for these leading shows are published elsewhere in this paper, together, with many of lesser note, but of propor tionate influence and usefulness in their own sphere, most of which well deserve the support
and encouragement of the people in the sections and encouragement of the people in the sections
in which they are held. Farmers and their
families should amilies should plan to take advantage of the the season's work and the harvest-home, which the fairs afford

## As Others See Us.

No man really sees his peculiarities of character exactly as others see them. Some think
they do. and some think they know themselves better than others know them ; these are the most sadly deceived of all. A few pretty levelheaded people are conscious of certain idiosyncrasies of which their friends have made
them aware, but these are them aware, but these are not the self-centered ones who are so positive they have an accurate general rule that the persons whose minds dwell general rule that the persons whose minds dwell ings, attach an exaggerated importance to the mon charity upon the points wherein they fancy their faults lie. One thing, too, they are almost sure to do, they fail to appreciate their own colossal self-centeredness, not to say conceit is a good thing to ascertain one's peculiarities, and quietly endeavor to overcome them ; but it is very much better to accept a friend's verdict than one's own sizing up. No man can judge his own child; much less can he judge him--
self. It is mischievous to self. It is mischievous to let one's mind dwell too long or frequently upon himself. Worst of
all is it to be continually parading the self-
drawn character-sketch before others. Conceit is a dangerous and obnoxious parasite, which fat-
tens alike upon flattery and opposition. The best treatment is starvation. Think_not of yoursel but of others.

## Is the Road Grader Misused?

A good deal has been said officially and othermunicipal coadmaking. Properly the graders in a labor-saving implement, but from our observations in different parts of the country, we are satisfied that they are becoming greatly misused, satislied that they are becoming greatly misused,
and their operation is liable to degenerate into and their operation is liable to degenerate into
a sheer make-shifting waste of money. We have a sheer make-shifting waste of money. We have
seen graders working, the outiit consisting of traction engine, a tears of horses and two or
three men, involving an expenditure of probably 815 per day, and all that they accomplished was o scrape up a few loose stones and some dust into the center of the roadway, spoiling it, and ing to fill the latter and into the ditch, tendworse. The money thus wasted should have lueen spent in opening up ditches and putting in culverts at crossroad intersections so that the water good condition, applying a good coat as Some municipal authorities appear to have got it hased, heads that, once the grader was purwas solved the rest was easy and the road trouble ears the last stage quite satisfied that in a few he first, and the ratepayers innillely worse than o roads as the result of such costly blundering. season should be cace, the work to be done in the after a personal carefully planned early in spring, missioners, councillors or committee the road comsome knowledge and experience in equipped with and, once a piece of work is begun it should be completed, instead of going in a hop-skip-and jump fashion from one part of the municipality to another. The work ought to be done as early as possible, before the earth becomes hopelessly hard. After the work is laid out systematically then the all-important point is to put the machine lowing instre a competent operator, capable fol vital concern to the people whose suject of so much spent, that we should llke whose money is leing authorities and others an experience with the grader, and results of thei most effectively and economically used in ran be struction and repairs.

## Where Farm Labor Counts for Most

 amples cited recently by Prof. Knapp, who undertook to demonstrate he advantage of the exercise of mental faculties connection with manual laborThe Iowan is taken as an example of the higher Iowa, agriculture vields class of farmer. In at it one thousand and eighty-eight works nually, Vermont four hundred and seventeen, South Carolina one hundred and forty-severt, and Alabama one hundred and fifty. Nor is this due tility of the soil. Iowa has four horses for ferof her farm workers to use, while South Carolina
has one mule for every two men the anount of for ever is used for cultural purposes in Towa as in Carolina, and the returns are eight times as great. Unconsciously, the Iowan increasing returns: that is. he is fomenstrating out of propertion to the value of the labers he for us if w
ductiveness
ductiveness.
The Carolinan is an exampho on then with Book on the Plank-frame of farmers, who
turns, an
each man

## Our Western Letter.

By the time this reaches the readers of "The
"armer's Advocate," the leading shows the West will be over. We are early inthis oi the out here, for the Westerner does not like to to at
tend shows in harvest time, and threshing tend shows in harvest time, and threshing follows
close on harvest, and so it's a case of chever."' Every year shows a marked improvement in nearly every class of stock. Heavy horses are
ind the long suit of many of the ranchers, and at one small show-such as your township show
tario-there were close to three hundred The Shorthorn men are also coming strontries. many a keen contest was witnessed in the ring his year., Herefords always were a leading class
in the range country, and of late years they n the range country, and of late years they have
gathered strength. Altogether, the outlo live stock seems exceedingly bright. One strong feature of the shows in Alberta was the effort terest to the people. The Provincial Departmenof Agriculture provided experts with full equip-
ment for demonstrations in poultry-raising, feeding and management. destruction; dairying and milk-testing. and for the ladies, cooking and domestic science. And evident that, though they crowded, and it is quite were told, yet the people were at least as they to listen and to learn, and that is the first step in the right direction. When people lose fath doubt was the womb and cradie of progress.
$\qquad$ visions of mange. It has brought this nightmare
fresh from the range, and people of Ontario. I am vaguely wondering where you found that bad case that was displaved so prominently in your, columns a fer weeks ago. for some time now, and have never seen country case. Perhaps this exists in the minds of the Ontario people, as does the idea of diseased Cana-
dian cattle in the minds dian cattle in the minds of the British public.
The fact is that compulsory the disease out of the country, and at the cleaned time it is practically non-existent. When you speak of an embargo against our products, it is and the importation of your scab at that game, well be importation our growing fruit industry in the West. This is
the healthiest country in the the healthiest country in the world for horses and
cattle. We have good food for man and beast. Why should we be healthy?

But still, "Sandy Fraser ", doesn't like the
West. Years ago he came it over. He lacked faithe out here and looked
Heturned. Really sorry that he did his heart he is sorry for it, country's progress: but in a spirit of sourness at his own mistake, he expresses his gratitude at the fact that he bought a return ticket. We, too,
are glad. There is no place in the West for men of small faith and narrow vision. and right good cause have we for congratulation when men
of that class buy return tickets of that class buy return tickets and go back to their native habitat amid the moss-covered
stumps and snake fences of the good old county stumps and snake fences of the good old county
of Glengarry.
R. J. DEACHMAN.

## A Field it Pays to Work.

The greatest field to cultivate is the mind. either case the harvest usually destate, but in the cultivationfand feeding than the character of the original soil. Land may be impoverished or improved; so may the mind. Deterioration or
improvement does ties of the land, but merely afect the potentialiagain, and vice versa. To a certain extent this principle applies in the cultivation of intellectual
faculties, hut as the span of human existence is short, and as one's life is judged not by a year's of a lifetime's efforts, he cannot afford to work the brain are such that one may till it industriousBarn. little mechanicat man.

## HORSES

## Clydesdales at Winnipeg.

 ast week was of the "on-and-off"' variety thases being well filued onand others viritht, and the on indit
 has been a boter display, of temaleses. Several iur-
portations of of lilles during the poast vear have wonder-


 at winnipeg. The show was also notceabitit for the stock they brought out. The championships, and nanyy it the top prizes, were won this year oy men who have

 wners and grooms. was headed by Brsee's A Acrolae) Perpetual lotion, the Hiawatha colt, which won frist in his class last year at the Highland., Consideralie hase been said in the press
 thas the best of thow.-yard manners. The past year has improved this horse consideramy, He has the quality of the aristocrat, and is hiilt on the most tpproved lines, unness it it that his hack wolld de improved by
n couple of inches less length. Shoulders, fhest, midit



 goer, with springy joints, fine latge feet, but might have









 vay company was reeponsilue tor the non appearanco of
the Napinka horse, Show King, and several Wootend artley yearlings. It in the two verar-ats dede stallion of the show came


 lat he gives promise of much moro growhth He is very
hash in in his limbs, open at the hoof heass, and as keen





 Cotland, stood seond in two.sen- oles. This was Tham's Baron Cratam, shown in keeping condition,
 ood. (landeded up in thira t inhece with Mafiestict prinee, by Have tive timported in dan), a very niee quatity colt. Hat Nillow and will Kiow, Kred by J. NT Wens

 taron Bombee, a sty ish colt, and J. B. Thomprys

 Whemul of stste and character. A fiveyarar-old, owned
 Thin prite of the Arcolit stalus, and the champion
 and

everything to commend her, and was only behind the cord, owned by Lewis Bros., of Boissevain. John
Cawdor-cup winner in smoothness of hips. She is quite Wishart, of Portage, was the only exhibitor of females. everything to commend her, and was only behind the cord, owned by Lewis Bros., of Boissevain. John
Cawdor-cup winner in smoothness of hips. She is quite Wishart, of Portage, was the only exhibitor of females. drafty, yet clean and active, with plenty of style and $\begin{gathered}\text { The sensation of the horse end of the exhibition } \\ \text { true carriage. Her name is Baroness, by Lake View was the display of jumpers and carriage horses made }\end{gathered}$ true carriage. Her name is Baroness, by Lake View
Laddie. In this class Wm. Barron, Lawrence O'Neil Co., and John Wishart, Portage, had forward mares that made the show a strong one.
The three-year-old filly class was a double victory for Bryce, his Lady Rotha (winner last year at tho
Royal) being first, and Lady Victoria, who beat her in Scotland, second. Lady Rotha has greatly improved since coming to Canada, and in the opinion of many horsemen, the judge would have made no error in award-
ing her the championship. She shows more bone than ing her the championship. She shows more bone than
Rosadora, and, altogether, is heavier and more drafty. Lady Victoria is a lighter-boned, more rangy mare, an inclines more to the Scotchman's ideal. She is by
Sylvander, and Lady Rotha is by Royal Sylvander, and Lady Rotha is by Royal Favorite.
Wishart showed Muriel, by Gallant Pride, a filly imported by Carruth this spring, and won third, and made a good showing for the honor. Barron, of Purves, had out Kate of the Street, an imported filly, by
Darniey Again, which crowded up the winners. AltoDarnley Again, which crowded up the winners. Alto-
gether it was the strongest thre-year-old class Clydesdales that has ever appeared at Winnipeg. It was a far cry, though, to the two-year-olds, which were a very ordinary, lot. An Up-to-time filly, Sally of
Greenfoot (Bryce's), a big, growing, uncouth youngster, Greenfoot (Bryce's), a big, growing, uncouth youngster,
got first, with Wishart's Jewel of Prospect, by Prince
of Fiden Grove, second, and the London people, O'Neil of Eden Grove, second, and the London people, O'Neil
\& Lawrence, third, with Grace Darling. \& Lawrence, third, with Grace Darling.
SHIRES.-There were only three exhibitors Shires, J. B. Hogate, of Brandon; John H. Stout,
Westbourne, and John Stoll, Oak Lake. The Oak Lake Westbourne, and John Stoll. Oak Lake. The Oak Lake

horse which woons 8 o
many first prizes many first prizes
during his lifetime,
and who at the
at fourteen and who at the
age of fourteen
years sold for 500 years sold for 500
guineas $\$ \$ 2,625$ ).
Barrister ( a s shown four times
in. 1880 in the Old in. 1880 in the Old
Country, winning Country, winning
prizes every time, prizes every time,
and on his subsequent appearance 1881, and at St.
John, N. B., in John, N. B., in
1883, repeated his
Old Country ren Old Country record by carrying off the
first prize. it can therefore be seen by the
record of this record of this
great stallion, that
he was not as is he was not, as is
generally supposed, generaly supposed,
a pure-bred Clydes-
dale, but dale, but a cross
between the two between the two
great breeds, the
Clydesdale and the Clydesdale and the
Shire, and, as some claim, gets his
best breeding from best breeding Irom
the Shire. informa-
From informen From informe-
tion from the best authority to hand,
Two-year-old Sbire Stallion, Danesfield Stomewall.
afterwards afterwards got championship. In three-year-olds, Stout sons considered good enough to be retained as
had a splendid type of draft stallion in Victor, an stallions, and where the pedigrees and American-bred horse, by Scarliffe, which won first; tionally good team of horses is looked up, we Hogate's Falstaff 3rd (imp.), by Lymm Harold, a big, can almost in every case trace it direct through
active, well-put-up horse, took second; and the same one of his colts. In fact, we active, well-put-up horse, took second; and the same one of his colts. In fact, we have come to
exhibitor's Nateby Triumph won third money. J. H. look for this as a matter of course, exhibitor's Nateby Triumph won third money. J. H.
Stout's Pedro and Sexon, a strong, tidy pair, had the two-year-old ring to themselves. Very few mares were
shown, the chaunpionship being awarded Hogate's Violet shown, the chaumpionship being awarded Hogate's Viole
(imp.), by Lord Cecil a very superior sort of filly (imp.), by Lord Cecil, a very superior sort of filly.
LIGHT HORSES.-The Standard-breds were quit numerous, and a few exceptionally fine specimens came out, but why there should be so much haggling over
pedigrees in this breed passes understanding. What pedigrees in this breed passes understanding. Wha
kind of a lithographer's exhibit would we have if the Clydesdale men, for instance, took their registration
certificates to the fair in picture frames? Fanning, of Newdale, is breeding some beautiful stuf, and puts up There was a lot of trouble picking the worst hors out of the aged Thoroughbred class. There were two types, and unsound horses representing each; finally,
Millidge, of Boissevain, won, with a horse by Wickham and the others should not be named in polite society.
HACKNEYS. -The show of Hackneys was quite light, especially in the female classes. J. B. Hogate showed three in the senior class. Thornton Royalty,
show-ring veteran in Ontario, came in for first
sere an Ontario winner, second. The judge, W. F. Kydd, of Simcoe. hesitated a long time betwen Glenlyon, a horse
from the Calzary district, and Hogate's Heptondale class a brother of the great. McKinley former. In this the champion at the Royal, was shown in Hinxton Conlook for this as a matter of course, and as for
his great worth to our country we say, as is often said of great men, "Those who build their monuments are those of a later genera tion." More information concerning this wonderabove proves interesting to your readers Hants Co., N. S. A. L. WALLACE.

## A Shortage of Horses.

plentiful ane believes that good horses are as would be after motor vehicles was predicted they use, let him go into the markets of horse-producing farm sections and try to buy a pair, says the Figures on the marketing of horses at Chicag how a total of a little more than 80,000 head or the year to date, or about 100 above the which up to that time stood the heaviest year known. This movement to the greatest ever
ributing point in the world ributing point in the world for horses, therefore every class of horses than has ever before been in uto in the former field of service of the horset That there has heen a revival of interest it
the breeding of horses, due to the more revis nera-
tive prices paid for them during the last thre indications this expansion in breeding is not keeping pace with the growing demand. Buyers from many sections best adapted to the raising oo
horses suited to business and heavy service will ingly go on record as declaring a shortage horses of a good market class to a be apparent to any man who will minvestigate the supply through to out the country. Farmers in general are breed
ing more horses of the right class-good ruuged ing more horses of the right class-good rugged
chunks and dratters-but the expansion of farm territory in the Northwest has drawn so many of
thens to that section that hem to that section that supplies for the regular markets have been depleted, and eastern territory good horses of such classes as have been needed
there.
A. good many owners of farms and pasture lands were a lew years ago inclined to abandon
the breeding of horses, owing to the warning cry of a curtailment of demand incident to the genera use of motor-cars for travel and to truck serverice.
This use is already general enough to have given This use is already general enough to have given the situation a good test, and with the result call for good big horses as ever before at this
time or y oar time of year

This test seems to afford assurance to the breeders that there is still to be an inviting field in the
breeding of good horsee for years to come, or as long as so many good strong horses find employment in haul

Liverymen and others tell us that many horses
Which are not frightened by automobiles in the town or city will shy when meeting them on a
country road. Evidently the conservative-minded country crad. Evidently the conservative-minded
animal considers the machine belongs to the animal considers the machine belongs to the
pandemonium of the street, and resents its inpandemonium of the street,
trusion into the country quiet.

## LIVE STOCK.

## Founding the Flock

The writer remembers with delight," says Jos. E. Wing, in his interesting book entitled, "Sheep Farming in America," the day when he drove to woodiand Farn ewe It was a ine sunny day in November. The sheep
were well selected, round and plump, all young ewes. They travelled willingly along the country road through a quiet neighborhood where great oaks overarched the way, and stopping now and then to browse the green grass among the purpling wild asters.
The writer, was but a boy then, newly wedded, filled with high hopes, and dreaming brave dreams of the future. The young wife met him, and together they drove home the little flock. Happy beginning it proved to be, though many lessons remained to be learned and many discouragements to be the begining of the upbuilding of the old meant the beginning of the upis own
The best time of the year to stock a farm is in the early fall, before breeders have disposed their surplus and cut their flocks down to the number they reckon on wintering, when the ewes are in good condition, and while work is not
crowding on the farm.
Especially should the crowding on the fhase of a suitable sire be attended to early in the season, before the stock in the hands of breeders has been culled over and the best taken out. The ram should be, typical
of the best of the breed, and it is poor economy to stop for a few dollars, in the price if, by going a little higher than intended, you can secure one
of the type and character your judgment tells you of the type and character your judgment lock. He is needed for the improvement of the fock. He
should have a strong, masculine, yet not coarse should have a strong, mascunce, yed and
head; a bright, quick eye; a brisk, energetic movement: a short, thick neck; broad shoulders; wide
chest: strong, level back; well-sprung ribs; full chest; strong, level back; well-sprung ribs;
twist; strong, short,
well-placed legs; straight pasterns, a, clear, pink skin; and a fine, dense,
even flece, free from coarseness on thighs, and should be well covered with wool underneath Examine his generative organs, to see that they
are to all appearance normal, and such as to indicate vigor and virility. Choose not an extra large or long ram, but one of compact makeup
and of medium size for the breed selected. Size and of medium size with strength and prepotency oes not always go the ability to transmit good qualities. rarely that the largest ram in a lot has the most vigor or quality. A ram of such character will if a yearling or over, care for forty or firty ewes
if the pasture is good, or he is given a daily feed if the pasture is good, Ar hatrong, well-furnished ram lamb will, with similar care, attend to an, ewes, sheep.

## Our Scottish Letter

THE HIGHLAND SOCIETY'S SHOW.
Writing in Peebles, the center of Tweeddale, in the Ettrick Shepherd, in the third of scott and successful agricultural exhibition, one feels rather more lively than after the depressing experiences Of Glasgow in the matter of agricultural shows. eeobes is a comparatively smail town, and grave of holding the Scottish National Show within its borders. The railway accommodation is not the host ample, and, although very popular as a comparatively limited hotel accommodation. It must be frankly conceded now that all misgivings have proved unwarranted, and the show has
proved an unqualified success. The attendance on proved an unqualified success. The attendance on
all three days have been unprecedented for a show held in the Border district. There is still one doy to go, and I expect the result will be a record neighborhood. Hitherto the center her in this
ne when the Border district was visited has been Kelso, except in 1889, when Melrose was preferred; but Peebles has done so handsomely for the
Society that it has probably secured the show for Society that it has probably secured the show for
itself every eighth year under the present itinerary. The drawings for the first three days of this show have been $£ 2,261$, while for the first three days at Kelso in 1898 they were $£ 1,422$,
4. 3d. The railway companies have risen to
the the occasion, as it was scarcely anticipated they would, and to-day, with the gate admission only one shilling, the amount drawn at the gates has
been $£ 1,077$ This means that somewhere 21,600 people have paid for admission. This attendance has been almost wholly rural, the bucolic element being very strongly in evidence all round
the yard.
As an exhibition of stock, the show hes rarely


## Southdown Ram.

First and champion, Bath and West of England Show,
1906.
been excelled in the history of the Society. That hest sections have been those for sheer trict of the show is nothing, if not pastoral
Blackfaces. Cheviots. Border Leicesters breds are everywhere on the hills and slopes, an all round the atmosphere is redolent slopes, and herd and his interesting calling. Clydesdoles so make a brave appearance, and Shorthorns, Gal loways and Highlanders are shown in large num Ters, The Shorthorns are championed by Sir R. I Cooper's beautiful white bull, Meteor 86631, which stood first last year at the Highland, and this
year was second at the Royal. He is a lovely year was second at the Royal. He is a lovely,
level specimen, with straight upper and under Scots blood in his veins through his sire, Moon
light light 75110 Were this bull red in color, his
price would be hard to estimate. price would be hard to estimate. No unworthy
second was found in Mr. John Ross' stock bull
A iax 80320 bix sent.
 men He vary shaoth, Mevel, well-finished speci-
erwick. Thverurio, Mobert Bruce, Heath Archer 73059 , in nane which almost indicates homery, Augustas, py was one of the Inverqu sire, Waverley
68072 . Mr. A.p Gurdons Fascinato the Aberdeen champ ion bull of the precoding week
was first in the 1woyear olis class. He was bred was Mrst James Mone Jackstons, Rothe- Norman Mr. W. T. Malcolm, hunnare, had second in the
class with Ballachmegn Admiral 87842 , a nice roan, got by the "hllomilred sire, Challenger
74199,
out of


86878. The champion female was Mr. George Harrison's big cow. Ussula Raglan, a Westmore the Royal. There is plenty of substance in thi cow. Sir Richard P. Cooper,Bart., was first with the two-year-old heifer Dalmeny Beauty 2nd, got yearling heifer was Mr. Taylor's Pitivie Roserbt nd, the winner at Aberdeen in the preceding week, and a very superior specimen in every way. as Aberdeen-Angus cattly were not as numerous but, although rather out of their Highland; Tweeddale, it is not to be forgotten that one of the best herds of the breed that ever existed-that its home in this county. The championshound the breed was a awarded to Mr. In. Ernest Kerri, noted heifer, Juana Erica $36285, a$ well-bred hreeyear-old, bred by the Countess Dowager of son unbeaten, and in faithfulness She is this seais almost without rival among females to-day Her sire was Preniie of Finlarig 17059, and her dam Ettina Erica, by Earl of Finlarig ,12434. In capital class of old bulls, Sir George Macpher-
son Grant, of Ballindalloch, Bart. was first with his stock bull Teshinuun 19257, a now five
years old. After several years years old. After several years' service in the Morlick
herd of Mr. George Cran this fine but turned to head the herd in which he whe has He was got by Eblito 14306, and is a remarkably Crue specimen. He should breed well in the Balbred at Ballindalloch. They were were walso Prince Forest 2110 , and Khartoum of Ballindy, loch 20732, and stood first and second at the Royal. The first-prize two-year-old bull was Mre
Garden A. Duff's stock bull Eblid 23069 wit Hatton Castle home farm Turrift 23069 , bred at by Evarra 20507, out of an Erica cow. $\begin{gathered}\text { His }\end{gathered}$ breeder was Mr. James Kennedy, of Doonholm,
Ayr, why Ayr, who has a very fine herd of black cattle in,
the very heart of the dairying din the very heart of the dairying district of Scot-
land. Eblis was first at the Aberdeen in olte previous week, and his merits were not obscured
by those of the great Prince Forest, which there by those of the great Prince Forest, which there
beat him for champion honors. Mr. D M Macrae's Everlasting of Ballindalloch 24435, the highest-priced bull stirk at the Perth sale in spring. was first in the yearling class.
patron in Mr. William a new and spirited Queenshill, Ringford, Kirkcudbright. This gentleman is anxious to help forward in every work, and his friends and the friends of the Gal-
loway were pleased to see him leal champion honors with the great bull Campook ower 3rd of Stepford 8407, a five-year-old, by Great Scot 4489 and a great massive specimen,
and was first with the beautiful cow
Joan of of Queenshill 17454 , a superior specimen whin is
pretty sure to attain to further honors. nomenal animal in this breed this seanson is Mr Mr
Fox-Brockbank's Jacamine 18939 the frst phir Vearling, and got by Cairnhouse e 8784, fout of
Knockstol
 dine, Bart... Castlemilk, Locherbie, had second and third with a pair of beautiful cows.
Only at the Highland can a really grand show
of Highland cattle of all ages be seen. The breed champion this year was the Meggernie. The breed bull, Lord Clyde 2034, a great, square, brindled specimen, bred by the late Earl of Southesk, year-old. He was then beaten for chamo honors by the Eusay three year-old heifer,
Laochag Bhuidhe IV. 6584 which as a two-year-old, and this year she leads cos champion honors to Lord was not preferred fo Southesk that great specimen. The late Earl of bull, Saladin 2067, which if ist-prize two-year-old stock bull in the
Kinnaird ford hibited was the first-prize the finest specimens exwith lovely head 6513, a very stylish animal, owned and bred by the Countess Devely-set body () Ayrshires were but poorly represented. There
were many blanks in the cly were many blarks in the coorly respespestented. There
and it cons in milk,
cannot be said that the championship to a small-teated award of the hree year-old heifer in miak did much to enhance hat such an animal was preferred before all the bulls, and a very fine specimen of the dairy cow,
named Dairymaid, owned by Mr. Wm. Murray,
Rorrowman lass, more than anything else demonstrated the need for some radical reform in the judging of
Ayrshire cattle. The champion bull was Mr. ayrshire cattle. The champion bull was Mr.
James Howie's Sicy Sam. the unbeaten twoJames Howie's Spicy Sam, the unbeaten two-
year-olld of this season.
Whe first-prize three-vear-old of this season. The frist-prize three
vear-nld was Mr. Rarr's
7omosal, which only at The Roval has this year been beaten, and this
front of the bull which beat him at the Royal.
Both decisions are sound an evidence mals may alter greatly in their, showyard
the Ayrshire preed meeting in connection with the Ayrshire breed was held in the Board Room in the result $c^{\circ}$ memorial addressel to the Direc tors of the Highland Society by certain breeders of this class of stock. There was a very large
attendance. The object of the memorialists is to get the basis on which Aynshires are judged breed is intended, viz., the production of milk It is admitted that a good many prize heifers and
cows are very unprontable in the dairy, but so cows are very unpronitable in the dairy, but so
eager are certain breeders to win prizes that the fancy points of a tight, level vessel and short
teats are still able to command sufficient support teats are still able to command sufficient support
among patrons of the breed. It is to be hoped some good will come out of the conference, alstockmen are very much dissatisfied that any suc memorial should have been presented, or any movehowever, has behind it the clear needs movemt hreed for commercial dairy purposes, and in these
days this is a momentum which in the end will days this is a momentum which in the end wil
carry to certain victory CLLYDESDALES were shown in goodly numbers, and, except in one class, were admitted $t$ to
have been have been very well judged. The champion stal
lion was Messrs. $A$. $\& W$. Montgomery's Scottish Crest 131818, ffrrst in the two-year-old class. He was bred by Messrs., , 'right \&
was gons by Billoth, an
Baron's Pride, out of Seabreez 15902, a notable mare of a notable race in Cum
herland berland. This colt is thick, solid, and of great
substance, with short leys, strong a good mover. He has not before been shown except as a foal. He is a colt dark-colored in
body, but having a good deal of white about hi feet and legs. The champion female was $M r$ John-Ernest Kerr's grand mare Pyrene, also got Blargon Pride, champion at Edinburgh and
Glasg this year and first mare class at the H. \& A. S. Show at Glasgow. She is a thick, low-set, bay mare, with capital
feet and legs. Mr. Kerr had first in the brood mare class with the handome black mare Chester Princess 1637 ; first in the thre-year-old class
with the unbeaten three-year-old of this with the unbeaten three-year-old of this, season
Veronique, and first with the yearling filly, Maril la, which was first at klimarnock, and is regar ed as one of the finest animals of the breed ex hibited this year. The first, second, third and
fourth aged stallions were, respectively, Baron's Best, Baron of Buchlyvie, Baron's Voucher, Best, Bearon of Buchlyvie, Baron's
Blackheath, all sons of Baron's Pride. A A good many favored Baron $o^{\prime}$ Buchlyvie for first honors and another fine horse in the class, Mr. Wm. Ren-
wick's Margrave 12240 , a handsome bay four year-old, by Hiawatha, for second place. He was your-our, py Hece fifth, In the three year-old class
however
the winner was the winner was another Montgomery horse, War-
laby 12779 , a very stylish bay colt, with close movement, got by Rozelle, a son of Baron's Pride Mr. Wm. Clark, Netherlea, Cathcart, who owns
Mr.
Bron's Best was second with Dunydeer 12557 Baron's Best, was second with Dunnydeer 12557
a capital colt by Sir Hugo. Messrs. Montgomer a capital colt by sir Hugo Messrs. Montgomery
were third with Baron Winsome 12475 a thick
strong-boned colt, by Baron's Pride and cham strong-boned colt, by Baron's Pride, and cham pion at Edinburgh when a two-year-old. He is
right good sort for the Australian market has been already hired, like many more, for 1907 M. H. B. Marshall, of Rachan, Broughton, was second in the two-year-old class, with the $\begin{aligned} & \text { Edan- } \\ & \text { burgh winner, Royal Choice } 13165 \text {, a son of Ever- }\end{aligned}$. burgh winner, Royal Choice 13165, a son of Ever-
lasting, and a nice, sweet-boned colt. ${ }^{\text {The }}$ The same owner was first with the two-year-old filly, Ba-
on's Brilliant, a beauty, of great weight and goo action, by Baron's Pride. The frst, second and third yearling colts were all owned by Messrs
Montyoncery, the first being the Baron's Pride colt which won at Ayr, and the second and third were, respectively, by Everlasting and Royal Ed-
ward, sons of the champion sire. The only firstward, sons of the champion sire. The only first prize winner in the show not got by Baron
Pride or his son, was Mr Robert Park's nificent big mare, Floradora 16295, got by Prince of Brunstane 9977 , and unbeaten last year. She
was first in the yeld-mare class, and is a mare withe very fine action. She is own sister to the
celebrated breeding horse Marmion, sire of the Cawdor-Cup champion of 1995. This year that honor goes to Pyrene, which last year stood re Quite a number of Canadians were at the show,
as well as gentlemen from New Zealand and other colonies. Some of the New Zealand men are no They prefer the kind of animal in favor in Scot land 40 or 50 years ago. We still occasionally meet that kind, but they are not at the top, and
are not much in favor; with breeders. Mr. Robt are not much in ravori, with breeders. Mr. Robt.
Ness, Howick, Que sails on Saturday with capital selection of Clydesdale stallions. He has purchased them out of several of the foremost studs in Scotland, and among them are some that will give a good account of themselves in
Canadian show-vards.
About a fortnight hence
many other shippers will be making tracks hence.
They are buying cautiously, and not hurrying They are buying cautiouse yand not hurrying,
Mr. Willian Duthic, Collynie, is not with us this year at the Highland. He sailed for Can-
 have a treat in $^{\text {store to meet the "Short }}$
horn King." We have only one William Duthie and we love him, but do not grudge him on loa July 29, 1906 side of the water.
SCOTLAND

## Canadian Store Cattle.

## hon sydyey fisher whites of canadian

ATTLE TO BRITISH SOCIET
P. L. Gre following communication was recently sent to exceutive of the Free Importation Canadian Cattle Asso ciation of Great Britain, and deals fully with the con-冨
Department of Agriculture,
ottawa, June 9th, 1906.
Canada, Minister's offce, $\xrightarrow[\text { Mr. Patrick L. Gray, }{ }_{\text {Edinburgh, }} \text { Scotland }]{27}$

Downie-terrace, Murrayfield.
Dear Mr. Gray,-I duly recesived your letter of $M_{\text {ay }}$
12 th, in which you invite my attention to the state ments made in the House of Con. I note that Strachey and Mr. Watter Long. I note that Sif
Edward Strachey withdrew his statement that " foot and-mouth disease and pleuro-pneumonia are rite in the
United States," I also note Mr. Long's reference to Mr. Cairns' statement, quoting me as saying that contagious pleuro-pneumonia is unknown in Canada. An
importion important version of Mr. Long's statement, as given by
you, is the following ; "There was all the difference
efficiency of the United States inspection and animal by the fact that there was no spread of the diseas from the quarantined States into other parts of the United States; nor from any part
into Great Britain or into Canada.

In Canada we have not had a case of foot-and houth disease for over twenty years. We never have ad in Canada a case of contagious pleuro-pneumonia with the single exception of some animals which wero mported irom the United Kingdom in 1886, in who at Levis, near Quebec, where they were all slaughtered in quarantine. The finding of the British experts with reference to the animals complained of in 1892 was that there was "a close resemblance (to conlagious pleuro-pneumonia), amounting to practical
tity."
Our own experts, some of them being of the highest standing is science in the veterinary world, were permitted to examine the lunge of the animala in question. They contended that these were not cases the lungs, commonly called transit pneumonia. If the home experts were right in their finding, these cases must have been something in the nature of a sciontific Ireak in the occurrence of the disease. In view of thie
discrepancy of opinion, and the exceptional circumtances of the case, the Canadian Government suggestec to the Home Government that they send a commiselo. of their official experts to Canada to trace these parvestig importations and their original source, and investigate on the spot the quescionadian Government pay all expenses. This offer was not, entertained. Previous to the imposition of the ambargo, betwoen
1880 and 1892, there had been landed in Great Bital 1880 and 1892, there had been landed in Great: Britain about which no and one-hall million head of Canadian cattie, in which no case of contagious pleuro-pneumonie
been found. Since the imposition of the embargo, in
November, 1892, up


Photo by Buscot Victor. Shorthorn buititut and champion, Notts County Show, England,
1906. Owned by in the world between saying 'it does not exist' and
saying 'I do not know of its existence.' There was evidence of the existence of the disease in many of the
herds of Canada." herds of Canada.
o following are the established facts with reference to the existence of these diseases in Canada and the
United States: In the United States there has been no contagious pleuro-pneumonia for thirteen years. In disease for the eighteen years previous to the fall disease when the outbreak of that disease occurred in the New England States. The United States strictly quarantined the infected States, preventing the spread very few months completely stamped it out.
At the time of this outbreak the imperial authoritien put an absolute prohibition for a few months on the importation of cattle coming from these States. When
the United States had completely stamped out the disease, the imperial authorities removed that prohibition, and acknowledged that the disease was stamped out. Canada acted with the imperial authorities in quaran-
tining absolutely these States during the time the tining absolutely these States during the time the imperial
authorities quarantined them. No foot-and-mouth dia authorities quarantined them. No foot-and-mouth dis-
ease was introduced into Canada. We removed our quarantine soon after the imperial authorities removed theirs, being, like them, absolutely sure that the disease ities were to such a degree satisfied, as we were, with the efficiency of the United States Animal Husbandry Bureau's service that, although the disease was in the
New England States, they did not prohibit the portation of cattle from New York, Baltimore, Phimdelphia, and other United States ports, nor did we pro hibit the importation of animals from the other unquarantined States along our frontier; thus showing
that both we and they were perfectly satisfied with
 money on the part of the authoritiee. It if theon-
civivale that if the disease existed in 1892 in danade it should have spontaneousiy dised in 189 in canade conditions since acknowledged by ihe imperial author ities to exist should have been brought about without note from your letter that Sir Edward Strachey whe forced, in the House of Commons, to withdraw the statement which he had previously made in regard to the oxistence of the disease in the United States. This is in itself a pretty emphatic reply to Mr. Long, in so tar
as it applies to the latter's assertions. I venture to say that, in the light of the facts as stated fin to my present letter, Mr. Walter Long's statement, as quoted
by you, is entirely unjustified. I read his stateme rather to mean a references to the old dibpute in 1898 as between the Canadian authorities and imperial authorities on the exact nature of the disease in the animals slaughtered in 1892 , when advantage was taken of thit
dispute to put the embargo on, firgt by and afterwards to confirm that action in 1890, by the act of the Imperial Parliament. It, therefore, appears that contagious pleuro-pneumonia does not exist, and never has existed in Canada; and that the statement known in Canada," is borne out by this disease) is "un

SYDNEY FISHER.
A Real Pleasure.
Mr. Robert H. Fverest. Newmarket, Ont., writes full to 'The Farmer's Advocate, $m$, subscription not been in the business of farming for the past four years, I take just as much pleasming in the past four

## Swine Breeding in Ontario.

 In bulletin 149, recently issued by the Ontario DePartment of Agriculture, it is reported that, taking the
Province os rovince as a whole, the evident tendency is to produce
more hogs of the approved hacon type. In the part of the Province there is an inclination the western Berkshires than heretofore for the purpose of crossing,
principally with the Yorkshire, principally with the Yorkshire, although crosses with
other breeds are also noted. In the eastern part other breeds are also noted. In the eastern part of
the Province the tendency in most sections is to go more to Yorkshires. In In most sections is to go
Chester Whites. Chester Whites find considerable or favor, also the Tam-
worths; although the worths; although the general impression siven by the
reportis is that these two breeds reports is that these two breeds are both decreasing in
popularity. It may be noted, however, that in the counties where the Tamworths, are mostly that in the
seems to be no general thendency to seems to be no general tendency to change; the principal
breed in these counties, breed in these counties, however, is Yorkshire, the Berk-
shire being slightly in excess of the Ther shire being slightly in excess of the Tamworths.
would also appear that while the Yorkshires are creasing in the greatest numbers throughout the Prov-
ince, the Berkshires are showing ereasin
ince,
gain.
PRR PRODUCTION.-The general tendency throughout Province is slightly to increase production. eastern part of the Province it has been customary for many farmers to depend upon breeders in their locality
for their supply' of young pigs for feeding . for their supply of young pigs for feeding; it has been the supply, the breeders who usually sell their pigs re
taining them this year laining them this year on account of the good prices
for ingos. It is quite probable that the feeder for hogs. It is quite probable that the feeders who
tre short this year may be inclined to breed pigs for themselves another year, be winch would add considerably to the production in that which would add considerably
throughout While the tendency throughout the Province is to increase as above, con-
siderabie caution is breeders and feeders observed among many individual extensively, for fear that over-production might bring prices down to an unprofitable point.
The number
The number of breeding sows was decreased con-
siderably during 1905 , while 1906 shows an incren the number not only over 1905, but also increase in The reports indicate that in 21 counties the sows were creases, and 8 counties report counties report slight in1906 with 1905,35 counties report increases, while only 2 report decreases, and 5 counties no change in the number of sows. Comparing 1906 with 1904, in 26
counties correspondents countes correspondents report increases in sows, while no change. cost of feeding, as given in the different counties, the
average for the Province for summer average for the Province for summer feeding is, $\$ 4.51$
per cwt., and for winter feeding, $\$ 5.38$ per cwt. In very few cases do correspondents, state that the figures
given are the results given are the results of actual experiments. In a number of cases no information is given as to wheth
the figures are the result of experiment or In a small number of cases, however, it is stated experiments have been made and that the figures given are the result of suca experiments. It is almost in
variably noticed where this is done thit variably noticed where this is done that for both sum-
mer and winter feeding the cost is considerably below mer and winter feeding the cost is considerably belo
the average given above. A number of correspondents, especially in Western Ontario, state that with comfort
able quarters and roots, the cost of teeding is able quarters and roots, the
in winter than in sumier

## THE FARM

## Loss of Fertility by Successive Cereal

 Cropping.The chemist at the Minnesota University, Prof.
Harry Snyder, who, by the way, is one of the most eminent, authorities upon wheat-growing, is from the Station
It is in two parts, the first treating of fertiizer tests with wheat and corn, and the serond part the loss of nitrogen from soils. ${ }^{\text {a }}$ "
as follows from Part II. of the bulletin "In former bulletins the influence of different
methods of farming upon the nitrogen content of methods of farming upon the nitrogen of content of
soil has been discusceald aud soil has been discussed, and in the case of those
that have been exclusively cultivated to grains it Was found that larger iosuses of nitrogen ocrutr
Im some of the expreriments at the Universitv farm it was learnecl that the main loss of of nitio-
gen is due to oxilation of the humus, of which gen it
nitrogen is
then
than to the
grain crops.
per acre remov
per year, but
years of exclusi
nitrogen in the
1,600 pounds
1,600 pound
soils that
ent periods have sho
ent periods have she lo
In some cases the
while in others, where
while in others, where 11
ed, they have been comp
ed, "they have been compal.
losses of nitrogen occur fo deterine
experiments a number
soils from representative fields were obtained and analyzed. Ten years trater samples from the
same fields were again taken and analyzed and the extent to which losses of nitrogen had occur red was determined. The soils were originally
sampled by young men who were then students of the Minnesota School of Agriculture students ten years later other samples were taken by the same persons, and from the same places ani
fields. It is believed the then basis for making com:parison as to a reasonabl the losses of nitrogen from these fields usually high fertility Kittson County, a soil of unusually high fertility contained in 1895.601 pe
cent. of nitrogen. It is seldom found with such a large ansount, but, as pointer out in previous bulletins, the soils of the Red cept in cases where they rich in nitrogen, ex periods of cultivation. After been under long
vears clusive of cultivation. After ten years of exmain crop produced, the land being one year in fallow, the soil contained. 523 per cent of nitro-
gen, a loss during that time of 2,600 pounds acre. The wheat crop during this ten-year period removed less than 350 pounds. Hence the heavier losses have occurred through too rapid decay of
the humus, of which nitrogen formis subsequent of which nitrogen forms a part, and drain waters, and by the formation of volatile lampounds of nitrogen. The soil still contains a large amount of nitrogen ; in fact, ten times more fair yields of wheat. The loss of nitrogen from this soil has wheat. The loss of nitrogen from
not suflicient as yet to ap-- At Childs, Wilkin Cop-producing power. Western part of the State, a sample of sont in 1895 contained 422 per cent. of nitrogen, and ten years later. 389 per cent. On this farm live tock has been kept, and, in addition to wheat
cent. of nitrogen has taken place, amounting
nearly 1,200 pounds, amount required as food for the crops produc It has beèn observed in former work that heaviest losses of nitrogen occur in the case gen, and that the fermentationt amounts of nitro gen, and that the fermentation and decay of th
humus is much slower in soils where the conten of humus and nitrogen is comparatively small It is rich soil that suffers heaviest losses. It i o be noted that, in the case of mixed-grain farmis periodically returned to the land, if no gras crops are grown, loss of nitrogen is continually aking place. The soil, however, is still rich in itrogen, and produces good crops of wheat, but
in rotation were followed in which clover formed an essential part, this loss of nitrogen would be checked. South-western part of the State, in 1895 contained 363 per cent. of nitrogen. Since that time it has produced wheat, oats and corn, and received
one light dressing of manure. At the end of ten years of cultivation the soil contained withstanding this loss, the soil is still. nitrogen, and the crop-producing power has in been affected. Unless clover is grown, the loss
will, however, in a few years, make itself fer materially in the reduced grain yields. itself felt "A soil at Lakeville, Dakota County, contained in 1895.31 per cent of nitrogen. During the
subsequent ten years, wheat, oats, corn and subsequent ten years, wheat, oats, corn and clover
were grown. The land was manurad this period, at the land was manured once durin acre. Mixed farming has been followed, and only a small amount of grain has been sold, from the farm. This system of farming has had a marked aftec upon the nitrogen content of the soil, as
age of 28 bushels
per acre was se-
pured. Tin when this upon ing the ten-year period manure, at the rate of followed upon this land was whear The rotation Ne noted that from has been grown. It is this farm, where the soil is manure was applied; and then two corn, to in the preceding experiment, the losses have been tion of clover, practically no loss of of nitrogen has systems of soil treatment practiced. A the different have been very snall. The effect of the potash
033 per carm lent to a loss of nearly 1,000 pounds per acre in smal small amount of mineral matere than offiset the moved by grain crops, and of this has been re- fact, it is largely the action have been sold. In orst in other ways. The large amount of nitro- ing it the mineral matter active and available as soil, mak- mant food
gen in this and the preceding soil occasionally that has resulted the nitrogen becoming available in crop growth, power of the soil. Increasing the crop-producing portionag amounts than the phosphoric acid and buildinge clover has theen a prominent factor in
 crops, as the further addition of organic matto both scientists and practical fansmeration from sometimes unfaroratly affects the balance of the nitrogen, and can, without seriously impairing the of the increase of nitrogen in soils where clover
crop-producing power, sulstain further thes grown



 ning. Live stock
was the principal was the principal
product sold from this farm, the infrom the sale of Sheep, hogs and
cattle. Practicat ly all of the crops were fed to the live crops. The farm plemented by sup, purchase of a small amount of bran
and shorts. Under this system of
larming the yield
oi wheat has been last year that wheat

## Britamnia of Tweedhill 23153. of wheat has been increased, and the


as at the begin-
ten years amounted to from three to five times more than was removed by the crops. This loss
was due to the rapid decay of the humus and the liberation of the nitrogen, which forms an essen tial part of the humus. The losses of nitrogen from these grain farms were practical Universit Farm. The results of the tests on the small Flots are in accord with the field tests in differen parts of the State.
"Where clover was grown, crops rotated, live stock kept, and farm manure used, an equilibrium
as to the nitrogen content of the soil was main tained, the mineral plant food was kept in the most available condition, and maximum yields were secured.'

## The Automobile Nuisance.

Editor "The Farmer's Advocate ":
We often hear the old adage repeated, "Make the best of a bad job," and I think it is wisdom to act in
this manner in regard to the auto car. We don't like the machine, but it is here, and, doubtless, here to stay. We don't like the law in regard to it, but, likewise, it is here, and that ro remais stringent enough lew months. Tiche it will give a great deal of trouble those who will try to live up to it . One of the ense who will try to live up tolations is that regarding the numbers to be displayed, both in front and garding the numbers an accident, what difference would it make if the machine were covered with numbers, when a man has his leg broken, the rest of the family dashed into a ditch, and he sees his horse tearing down the road making kindling wood of his carrlage ? He is then not in a fit state of mind to read and memorize easily distinguished. So what good will the numbering do, if the tourist tries to escape
However, I incline to think Sandy Fraser is right in
his presumption that calling the auto "bad names" his presumption that.
will not cure the evil.
I believe the idea is not far wrong, that of giving
the tourist certain days upon which he may run-for, the tourist certain days upon which he may run-for,
say, two years-until horses become acquainted with the say, two years-until horses become acquainted with the
nuisance. The people would then know when it is nuisance. The people would then now when
safe to drive. In the course of a very few years horses
will become accustomed and educated, so that they will give no more trouble from this source. The same condition prevailed, perhaps to a lesser extent, when bicy-
cles were first introduced. Everywhere they were cles were first introduced. Everywhere To-day it would
terror to all who had driving to do.
he difficult to find a horse or colt that is afraid of one. Why ? Because they became so common that they were seen by horses and young colts from every
pasture-an every-day occurrence-and the animals be-pasture-an every-day oce with them they ceased to be
came so wainted
siarmed. Now, if we could get certain days, even two alarmed. Now, if we could get certain days, even two
days per week, during which the auto cars were prohibited from running, for, say, two years; and during
that time the horse-owners do their part, we would have protection to the public, which protection we are justi-
fed in demanding ; also, at the end of that time the dangers would largely be past.
Yes, sir, the people have a duty to perform. It will
not be met by simply cursing what cannot not be met by simply cursing what cannot be hindered,
but pains should be taker to show horses the machine but pains should be taken to show horses the machine,
and let them learn that it is harmless to them. In this manner a creat deal of danger and many accidents
may be avoided. Let us act the part of men in these us use our best efforts to remedy as far as possible. ns use our best elforts to remedy as far as possible.
Wentworth Co., Ont.
J. R. H.

Grain Inspection Commission.
A thorough inquiry is to be made into the grain trade of Canada by the Department of
Trade and Commerce. Authority for this has
-been given by a recent order-in-council. by which -been given by a recent order-in-council. by which
commissions are appointed to make a comprehen-Grain-inspection Act and Maritoba Grain Power is given to visit the grain-growers and
elevators all over the grain-growing region, to elevators all over the grain-growing region, to
inquire into the methods of handling grain at the inquire into the methods of handing grain at the
various stations, including farmers' elevators, as
wall well as company elevators, and to look into the
methods of the distribution of cars, and the practices of the grain dealers of Toronto, Winnipeg spection and selection of grades, and the methods adopted at all the inland and lake ports will, be looked into, as will also the ways in which
grain is handled on its arrival in England. The order-in-council appoints the following
commissioners to look after this important and expansive inquiry: George E. Goldie, Ayr, Ont. William L. McNair, Keyes, Manitoba; and John has not yet been appointed, but the understand-

Building a Silo.
Silos are built of all sorts of material, and in all sorts of shapes, ranging from a hol in the ground to expensive only with the round wooden stave or tub silo. I thinki it the cheapest and easiest to construct. It is at the same time the most durable of them all, except the masonry structures. It dries out immediately the silage is removed, and does not hold moisture as do not to make it too large, as a little silage has to b fed off the top each day after the silo is opened to keep it from molding. A diameter of sixteen feet is about right for thirty head of cattle. Fo accommodat the required number of tons, build the silo high. I you plan to put it down in the ground a lew leet, have
the dirt excavated and a smooth, circular wall laid up If cemented, so much the better ?or smoothness, but 1 do not yet see that the acld in silage rots the rock and mortar, as some clalm. Have the sill got out o
the planing mill. It will come in sections about four feet long, sawed out of $2 \times 10$ plank. "Float" it in mor tar, and then lay a second sill over it, breaking joints, and spike the two together thoroughly, Have this
ready when the lumber arrives, so that it may be set ready when the lumber arrives, so that it may be set
right up before the staves get warped. In my silo I used fourteen and sixteen foot staves for each story, alternating first a long one and then a short one. Plumb your irst stave carefully, and brace it thor-
oughly; then set the others one by one, toe-nailing the bottom and nailing a threeelghths inch batten around the top as you go, to hold the staves in position. After
completing the circle, put on two or three hoops, and completing the circle, put on two or three hoops, and top of a sixteen-foot stave and a sixteen-loot stave on the milddle.
For hoops, I used three to six strands of No. 9
galvanized wire, well twisted into a rope, with an eve gelvanized wire, well twisted into a rope, with an eye-
bolt twisted on each end. For tightening, pass the eyo-bolts through a 12 -loot 4 by 4 oak scantling, and screw up the nuts. I used 8 wire hoops on the frrst
story and 5 on the second. Over the matched ends of story and 5 on the second. Over the matched ends of
the staves at the splices 1 used two flat-iron hoops the staves at the splices I used two flat-iron hoops
about four inches wide, and, perhaps, g -16 inch thick. When the hoops are on and drawn tight, cut out the doors on the side from which you want to foed; two feet square is large enough. Cut on a bevel all around;
cleat the pleces of staves together, and simply set the cleat the pleces of staves together, and simply set the
door in place from the inside, to be held by the sillage I have two doors above the splice and three below. It Is not necessary to put a door near the top, as the
stuff will settle a few feet after the sillo is alled. Such stuff will settle a few feet after the sillo is filled. Such and six feet below, with a diameter of 16 feet inside, will hold about 150 tons of silage, and cost in New
York State about $\$ 300$; that is, a cost of $\$ 800$ for a York State about $\$ 300$; that is, a cost of $\$ 800$ for a
silo that will hold 150 tons of feed- $\$ 2.00$ for each silo that will hold This amount of feed will supply 20
ton capacity. This a cows with all the silage they should have, even if they are big cows and are fed the 40 to 50 pounds eech
day. If one were to build a barn that would hold hay day. If one were to build a barn that would hold hay
for 20 cows, even for a winter, can he bulld it for $\$ 800$ ? Not at all. He would have to finvest very much more than that sum in a barn to hold the hay for that number of cows. So we see the sllage is the
cheapest thing possible to feed, if wo are to consider cheapest thing possible to foed, if we are
the cost of the structure that contains it.
The farmer who intends to largely increase the numher of his cows will have to put hundreds of dollars Into a barn structure if he intends to confine himself to
the feeding of hay for roughage. It will be far easier the feeding of hay for roughage. it will be far easier
for him to extend his stables and build a sillo than to construct a stable suffciently high to hold the hay. When a man is freed from the necessity of providing
for bulky feed, he can then construct his dairy stable Yor bulky feed, he can then construct his dairy stable
with the object of getting cleanliness and light. He can build his stable long and low, and secure a flood of light from three sides. His foundatlon does not have to be so heavy as it must be if it is to sustain a heavy
superstructure. A silo is thus not expensive, and superstructure. A silo is thus not expensive, and,
moreover, it is a great factor in the development of dairying. It solves the dalryman's problem of making a living from 50 to 100 acres of land. That is golng to be the great question in the not distant future, for ones. If any man doubts whether or not it will pay him to build a silo, let him look into the cost and
benefits, by actually getting estimates on the cost of benefits, by a
construction.
I make silage my main cow food. I feed from 80 to It is my intention for the cows to have all they want. The silage ration is balanced with bran and clover hay
The bran is fed in proportion to the perlod of lactation of the cow, and as much as she will consume at proft. I feed silage and bran the arst thing in the morning, then do the milking and separating, then feed as much chover hay as the cows will clean up before feeding hay the last thing at night. I do not depend on grass alone more than 90 days in the year; then,
if I have any silage left over from winter, I feed about 25 pounds per day. If I have no silage, I plant a and peas, begin leeding as soon as it will do, cutting Arom the field and hauling to the pasture each day.
This is a more expensive way of feeding than the silage.
ut it is far better than to let the cows go hungry. or a hungry cow won't give mill. J. P. FLETCHER [Note.-While, as Mr. Fletcher truly points out, man must be careful not to bulld a silo with too great
a diameter, we hardly approve of a structure 36 feet deep, nor would we let the sllo down below the surface of the ground. Rather would we have two silos of rather smaller diameter, and each one about 26, or not

## Weeds that Worry Farmers.

Editor " The Farmer's Advocate : the series of Aeld While attending, as a delegate, the series or
meetings held in June through Central Ontario, noticed that perennial sow thistle was the most commo weed found. It is .hound all over the combral part, some sections worse than others. Bladder campion and hgrass were found in several places; also Thorough shallow cultivation, with a sho oftirg ps, Whe these plants. Nght-alowering caing entions. Toi his annual we recommend pulling the plants before the mature their seede. Several specimens of harebena nustard was seen at one place. This is a very bac weed when once established, and the farmers would do well to be on the lookout for it. It ls an anmua) growing about one or two feet high, with thick, feeshy spear-shaped leaves, lightish-green in color. It hes long sed pods on the top of the plant, and these are four ded. Black meddick, or trefoll, is also glving troublo to the alsilie growers in some sections, and th being sproed
By sowing good ver the Province pretty rapidly. By sowing goo
 get rid of this pest. One great danger with aloze
rrowers is that some of them allow the fields to reseed themselves, thereby letting all the weed seeds grow up
with the alsilk in the second crop, and Increasing the with the alsike in the second crop, and Increasing the
trouble and expense of cleaning the fields by an hundredrouble and expense of cleaning the fields by an huudred
fold, and as is often done, the felds are neglected ani the seed goes on the market in this dirty condition, and some farmer is surre to buy it because it is cheep. Prospects for alsike and timothy were good. Ro hover in some sections was far advanced, and farmeer second brood of midge.
In some sections a white maggot was found oeting
the head of the red clover. Not haing een thi in the head of the red clover. Not having seen thifi before, we were ung
of its Hife history.
Thest meetings seem to give the farmers an lincoh tive to clean their fields betore cutting, as many of
them expressed themselves in that way. hem expressed themselves in that way
The Seed Control Act appears The Seed Control Act appears to be appreclated by
the farmers where it is understood, but many of them the farmers where it is understood, but many of them rovisions of the Act, and that only the seed dealer were llable.
Interest in the meetinga was good. At two of ou
meetings 120 and 150 . meetings 120 and 150 were present, and the average atwere frequently on theif feet for two hours and spoaker Crop prospects penerally are good. Corn and pea prifed in some sections from too much raln; ale In some sections.
At several of our meetings representatives of soifie the segd firms were present, and gave much valuabi
nformation regardlng the weed seeds that are hard separate from clovers and timothy, and showing ram plen of seeds with the reports from Government in snectors, giving the number of weed seeds present.
Northumberland CO., Ont..
GEO. CARLAW.

## Anent the Ayto Car.

Editor " The Farmer's Advocate
It gied me great pleasure to see the manfu word $0^{\prime}$ Sandy Fraser in defence $o^{\prime}$ " the motor car. In "The
Farmer's Advocate," $0^{\prime}$ " July 19th. Man but great, an' I'd like fine tae meet ye. It luiks tae me, as it diz tae Sandy, that tae muckle havering ts gnofin on consairnin' automobiles. I mind hearin', yln time, $o^{\prime}$ fowk wha couldna thole the thocht $0^{\prime}$ common tratins;
and ithers, later on, whe thocht electireecity wisna canng $\mathrm{t}^{\prime}$ 's mony $\mathrm{o}^{\prime}$ the same $\mathrm{kin} \mathrm{m}^{\prime} \mathrm{o}^{\circ}$ fowk noondays whe ar remdy an' willin' tae support ony law that wad stop the utomobile trade. But it can no be stopptt; it's here at stay. At hame it's luikit upo as the fatromeris
freen', in splte, $\mathrm{o}^{\prime}$ a hantle people in a wheen countioe wha are daetin" thelr best tae kell it. "But the "thto "o" them is luikit doon $o^{\circ}$ by the bulk : $0^{\circ}$ the country as tae low tae gane in oot $\mathrm{o}^{\circ}$ the weet, an' fine they desalirve
As for the smell o't, it'll no gar ony horse great he smell $o^{\prime}$ a wee bit gasoline alang a canne thole hey gaein tae work that same beastio on hoo are power Forbye, hoo wull the engen is aye used for zed alcohol"" affeck them ? By the way, T'm "thintillir"
sperrits ta
a machine
a machlne I Gin wh had ma automobiles up here yet-mair's the pity.
roads. But bide the Government wad gie us better roads. But bide a wee, an we'll hae them yet.
Temiscaming, Ont. ${ }^{\text {GEORDE }}$." $0^{\prime}$ Temisca

## The Crop Prospects.


 factory return, trom that sourree, on which so porgo argo and proportion of the tarmers in the on oider rovo so linces, and and

pendid upor the proe ot the success, of crop groving do
 thoroughly and more inteliligentily prosecuted than Iormarly; that the more general Iheral leoding of ilivo botter coutlivation the forcess of nature are enathod tod to
 humbandman to soecrere geanerous returna from hit fillos maxy, to a amge extent, defeat the best oumert of the beet of tarmerg, ase experienene in tean yeans in the the past


 proparation of the seed-bod have most succosestuly w with tooad the drouth and given ratirl good harevests Sarer mhan woos not ro woll managed in these respocts
 to the tarmer that ho plan to keep up the fertility dill hand to as hish a degree as he can, and to nol When \& diry season may recur, and his resoureas bo perionsis curt onloas.
Fortunately, rains have fallen this summer in suff
ciency in all the ciency in all the Provinces of the Dominion, and, per hape. Loo generoualy tor bert results in the extreme
eatt, deoasting the peeding and minimming the returns trom some crop, while compensating tor this sy furnibh timg guash pastures, and thususading ato to the dividend om the dairy, probably the most important induastr) The sratin eropops throughout
 Ion. Tho frutu prospects are better than In the caver
 are Cooks; whilo the corvs are doing extra good work in
 Weotern Provinces have been exceptionally favored with Woather conditions. and, with the exceeption of some
 preveiling tor most of theolr producust, Cananalan tarmers

## New Material for Roadmaking

## Mr. W. A. MacKinnon, Commereial Agent for Ca ada at

 Trade and Commerce Department, Ottawa, says: of the to the fact that roads made of the ordinary limestone macadam are liable to be cut up by horses and vehicles,and to be affected by weather conditions-being either and to be affected by weather conditions-being either
dusty or muddy, according as dusty or muddy, according as the weather is wet or
dry-efforts have been made to produce a traffic and weather-resisting substance. As a result of experiments it has been proved that a material called 'tarred slag macadam, if properly applied, produces a surface capa-
ble of withstanding the welght of vehicles and the far of horses' hoofs.
" It is claimed that this material wruld reduce the
dust nuisance to a minimum: it is clean after a shower dust nuisance to a minimum; it is clean after a shower.
often cleaner than the path; it is economical from the cleansing point of view, as there is practically no slop:
it is less affected by frost and snow, as being nonabsorbent, there is nothing to freeze, and snow can ho and "Should any municipal bodies or nthers be interested In this material, I shall be glad to obtain full particy
lars, and to forward the saine to any correspondents."

## Alcohol Experiments.

Now that free denatured alcohol is assured for the
Unitod States, the Federal Department of Akriculturo is planning extensive experiments, says an ext lunge, for
the purpose of determining how

 ooes, corn, sorghum and sugar b
he teste to be carried on will d the industry.
The procees at auls
er of close study and investigation. to bring about the adoption of a small
be suitable for use of localitites. In thit will not only furnish a source of material fuel and light supply, but in so doing will
ne cram delivered at any regular cheese factory
in reraunery on the morning of the day on which dairy
ixhibits are judged at the local fair. In the casa

## THE DAIRY.

## Dairy Exhibits at Fall Fairs.

Editor "The Farmer's Advocate"
The dairy exhibits at our fall fairs, so far as the great dairy industry of Canada. Cutside of thee the Iour large fairs in Ontario, and a few of the smaller
fairs, the exhbibits are not the visitor forcibly. We may well ask why it is that greater interest is at many of our fairs. It seems to us that among many cuuses, the following may be mentioned. many causes, the following may be mentioned:

1. The prizes are so small in many sons. Who makize are soo small in many cases that per-
the necoessary trouble to and cheoshibit chese will not take e necessary. trouble to exhibit.
REMEDY.--Increase the value of the prizes so make it worth while.
2. 

petent. We havy cases the judge or fudges are incom-
inguired whand of a case where a judge firs inquired who made the exhibits of butter, and then
awarded the prizes according to the repur So-and-So." prizes according to the reputation "Ma REMEDY.-Have none but competent judges, and
necessancy necessary, pay these men for their services.
committee shous,
The da diry and every thing in readiness for the ludze are in place appointed. A competent judgo does not care the time about for half a day waiting for the exhibite to to be
arranged or the secretal arranged or the secretary to prepare the judge's book.
3. Exhibitors are unable to find why receive secondt, third, or no prize at all. The axh exhits theirir goocond, third, or no prize at all. They are sure
article. article.
REM
REMEDY,-Use score-cards, and have a competen Judge. A copy of this should be placed arks of the hibit, and ope should be mailed be placed on each ex-
know a a case where this exhibitor. We know a case where this has been done for several years,
and where the improvement has been very markedement in the quality of the butter or six years. In fact, there is now plan for five shown at this fair.
4. This lead
should recommend me to the nexting point, wherein we ent basis from that uang prally followed antirely differ"second " and " third " prizes.
To each worthy exhibitor we should recommend that portion of the prize money be given. All butter and
cheeso scoring over, say, 40 points share of the money, ${ }^{\text {Say, }}$ Suppose that $\$ 25$ is the oive a of money to be given in prizes for butter, and that Three exhibitors score 95,94 and 91 points, respectively. The value of one point is $25 \div(5+1+1)=82.50$. The 95.
point exhlibit should receive 81250, The $\$ 10$, and the $91, \$ 2.50$. This is all worthy exhibits. The peakk point of this plan is thht where the amount of money is small, and the extibits lafge and worthy, the sum coming to each
very
REttle REMEDY.5. At some of the fairs held early, when the weat
hot, the mutter is hot, the butter soon becomes greasy and the cheoese
heated.
REMEDY.-Have a refrigerator for dairy artind r. at least, a few hlockerigerator for ice in in a suitable exhibits, receptacle 6. Some of our larger fairs coul. chire two or three This is too great a sacrifice to ask trom or prints. petent makers who cannot anto to ask from many com-
winning no prize, which is and loss in in case winning no prize, which is anord the the lossariv in case of the case with
many under the present system of distributing pir
 that should be one cheose tor and ten prints of butter is all
case of explort butter 5 any one section. (In the case of exprort butter a 56 in any one section. (In the
although it it
 that dairy products are nearly as valuable as as gold forgot now-
adays.)

If suggestions

kest the following classes in addition beg to the to sug artions in the prize-lists of adilition to the the ordinary

1. The demand and extra
taice : butter in British markets would seem to make it ad
visable to have a class for saltess butter at all our
fairs in districte a fairs in districts where the export trade is an important
factor.
2. A prize or prizes should be given for the best


Cut

out creases well. The brush you get at the hard is too large for some dishes. I tried ${ }^{\text {an }}$ common
brush, which does the work the far, but it is too stubby. I would like to know
In brush, about $5 \times 1 \neq$ inches, with bristles projecting at the ends, could not be made ? $I$ believe it wo
meet with meet with the hearty approval of us busy women
wish to do thinga cleanly and in a short time." We trust our flian correspondent in shirt time."
quoting from her letion us quoting trom her lotter, but we bellive she she voices needs of a great many women who make butter on t
farm. Why should not our to not try to bring out such an exhibit provincial tai not try to bring out such an exbibit for the benefit
those interested?
We feel sure that our men en will do so it they are given a little encouragement. We trust that these friendy criticisms and sugge tions may prove helpful in stimulating greater interes
in the dairy exhibits at our fall fatro Ontario Agriry exhibits at our fall fairs.
H.

## Cow-testing Records.

The record of the first test at Bagotville, Que in the Lake St. John District, for the 30 days 27.6 punds 16th, shows the very fair average of of 34 and 37 cowr cow. The two largest herds, proving what may be obtaine this average selection. Herd No 23 has the through careful yield of milk, the lowest individe average 690 pounds. It is satisfactory to yield being dividual records of satisfactory to note the inwhich throw up in relief the 320 -pound cow. Num ber of cows tested, 250 ; a average yield of milk 67 pounds ; average test, 3.6 ; average mile fat, 27.6 pounds. Highest average milk yield or a herd 920 pounds, average test 3.5 , and avermilk record 1330 pounds. Highest individual 100 pounds. I pounds.
${ }_{30}$ The fourth test at St. Edwidge, Que. 30 days ending July 9th, shows a steady im of fat per cow. As illustrative of th. pounds between individuals, the lowest yield difference herd 21 is better than the highest in hat in While there are many individual vieds under 20 pounds fat, there are some yields over 40 , and in herd 1 one of 50.8 pounds. Aim yield of milk average yield of tat 272 ; average test, 3.7 average of milk, 1,007 pounds ; highest
test. 41 test, 4.1 ; highest a average fat, 39 pounds ${ }^{\text {a }}$ Hig est individual yield of fat, 50.8 pounds,
1,060 pounds migh
from 1,060 pounds milk; Iowest yield of fat, 7.4
pounds, from 240 pounds of

The result of the test for the second period of
3o doys, ending July 16th, at Lotbiniere, Que.
shows an incra shows an increase average, over the June test. $\begin{aligned} & \text { pounds of fat, on the } \\ & \text { Herd } 6 \text {, with } 10\end{aligned}$
cows, averarace han herd 18. This pounds of fat per cow more han herd 18. This means about $\$ 3.50$ more pe
cow per month.
Is it worth keeping Grade up! Number worth keeping good cows
age yield of milk cows tested, 156 . age yield of milk, 658 pounds; average test, 3.8 aver
average yield of tat average yiedd of fat, 24.9 pounds.
average
pounds
milk, 790 ighest,
Herd


The figures giving the results of the first periods at No fraunes giving the results of the first periods
St. Johndin and LLaterriere, Que., in the Lake St. John District, show the range from 500
pounds milk testing 3.8, to 1,140 pounds, testing 4.0 per cow. The average yield of butter-fat
taken by herds
is
from pounds. This indic Atest that, while there are good
individual cows in this district, there is still room or judicious selection and "weeding out." age yield of mill, 713 pounds tester, 28 ; aver-
of fat. 3.7 ; average per cent. of fat. 3.7 , average yield of faver, 26.9 pounds.
Normandin. -Numher of Normandin-Number of cows tested, 45; aver-
age yield of milk. .43 pounds; average test, 3.9 ;

The table giving the result of the fourth period of 4 pounds, at of princeton, Ont., shows an average
There is the There is the remarkable difference of 23 pounds than June
fat per cow in the fat per cow in the average yield of herds 10 and
16 , and a difference of 714 and 16, and a difference of 714 pounds of milk yer
cow between herds 6 and 16 . This looks as it there is roen herds 6 and 16 . This looks as if
tion and her and pront, not for maintenance only. Num her of cows tested, 107 , average yee only of mum-
722 pound , average test, 3.4 average yield of
fat, 24.7 pounde

The table giving the result of the fifth period of the quires patience on the part of the attendant. He must
Brockville Brockville, Ont., association shows the good average of realize that he is only educating the heifer to a new
934 lbs. mill for 162 cows, in the 30 days ending June and unnatural order of things. By this method, and 30th. The noticeable contrasts are between herds 12 and 15 in average yield of fat and milk, the one double the other. No. 12, with an average milk yield of 1,219
lbs. for the herd, and a highest individual milk record of 1,760 lbs., is particularly good, and with which the
totals of 350 and 340 lbs. in Nos. 4 and 5 do not compare favorably.
The number of cows tested was 162 ; average yield
of milk, 934 lbs.; average test, 3.2 a average of milk, 934 lbs.; average test, 3.2 ; a average yield of
fat, 30.1 lbs. Three herds made average milk records at, 30.1 lbs . Three herds made average milk records
of $1,036 \mathrm{lbs}$, $1,267 \mathrm{lbs}$,, and $1,219 \mathrm{lbs}$., and nine cows, in as many herds, made individual records of $1,000 \mathrm{lbs}$. in as many herds, made individual records of $1,000 \mathrm{lbs}$.
up to 1,760 lbs.; the latter an average of 58.66 lbs
daily. The highest herd average of fat was 40.7 lbs . daily. The highest herd average of fat was 40.7 lbs
or herd No. 12, in which was the highest individual milk-yielding cow. The highest individual test was
4.0, and the lowest 2.8 .
The sixth period test at Cowansville, Que., for the cows tested, gives the highest herd average attained cows tested, gives the highest herd average attained
there up to that date. There are seven individual records of over 1,000 lbs. milk, with one of 1,270 lbs. At
the same time there are some cows giving 300 lbs. and the same time there are some cows giving 300 lbs . and
less. ess.
Herd 32 has the good average of 842 lbs. milk for
28 cows-just 328 lbs. more per cow than herd 20, and putting to shame the too numerous individual records
of only 300 lis. per cow. of milk, 646 lbs ; average test, 3.7 ; average yield of
fat, 24.4 lbs.

## Successful Dairying.

Previous to two years ago, I kept 22 cows, mostly
ure-bred Ayrshire or Ayrshire grades, on 95 acres, torurebred Ayrshire or Ayrshire grades, on 95 acres, to-
gether with 4 horses, 20 head of young cattle, 15 sheep, were pastured on another small lot a few miles distant, but all the feed needed, with the exception of a few tons of bran and gluten feed ${ }_{2}$ was raised on the farm,
83 acres of which is under cultivation, the balance bush and rough land. That season we had 30 acres of pasure, part of which had been pasture the year previous, he rest meadow; the cattle had also the run of the
ncultivated land. During the dry period, in Jol incultivated land. During the dry period, in July and August, the cows were fed one feed per day of green
etches and oats, grown together, and cut in the milk stage. In September we had a good supply of second
trop of clover. In October I commenced to feed a grain rop of clover. In October I commenced to feed a grain ration. Since then I have purchased an adjoining yoo
acres, which gives us more pasture land. Last year
we milked 30 cows, besides pasturing our young stock a good part of the time. This season we will carry 5 cows, when they all freshen. I always like to let the spring, which is usually about the 20th May This ensures a good bite until the dry season comes on. Should the month of June be very moist and the pas-
tures get much ahead, we usually mow them off about ares get much ahead, we usually mow them of about
Tuly 1st. This allows them to come up fresh again.
this season we have about 26 acres of cultivated land; he same of unbroken land, in pasture., We usually put in a few acres of vetches and oats to give a supply of reen feed, should the pastures become dried up later
$n$ in the season. Our aim is to keep up the milk on in the season. Our aim is to keep up the milk
fow, as once let down it cannot be raised again to
what it was. We usually commence to feed a grain what it was. We usually commence to feed a grain
ration in October, composed of a mixture of oats and barley chop 3 parts, bran 3 parts, and gluten meal 1 the milking cows until they go to grass next season. The winter ration consists of about 30 lbs. corn
ensilage. 12 lbs. clover or mixed hay, and 5 lbs. of good clean oat straw. This is fed to all cows, whether
milking or dry; the cows in full milk pet along with the above, and a grain ration of about 8 or 10 lbs. The grain ration is reduced as the milk flow decreases, until the cow gives less than 10 lbs . of milk per day.
when the grain ration is withdrawn. The oat straw is chopped and mixed with the ensilage and fed twice a day, and one feed of long hay is given, generally the
first thing after milking in the morning. The water supply in winter is pumped from an
artesian well by a one-horse power to a tank overheal. artesian well by a one-horse power to a tank overheall,
thence conveyed to the troughs in front of the cows
when they can drink at will. As we have n running when they can drink at will. As we have a running
suring brook (whence the farm derives its name) through the farm, the cows get the best of water in
unlimited quantities in summer whenever they wish. Salt is kept in a trough convenient to the barn, where
they can satisfy their desire at all times. The milking milkers to milk with dry hands, but find it about impossible to carry this out effectually: as so few have
been taught to milk with dry hands, force of habit is hard to eradicate. If cows' teats are inclined to crack, We seldom have a kicker among our helfers; kind
treatment and handling and manipulating the udder betreatment and handling and manipulating the udder be-
fore freshening has a tendency to win the confidence of the most fractious heifer. If, perchance, I have one (as for a week or so. While the calf is sucking the heifer from the left side, the attendant milks at the right
side. She soon learins what this means, and I have
and unnatural order of things. By this method, and heifer will be taught to 'be milked without the breaking of tempers, stools, or any of the Commandments. The
day of "breaking-in" the heifer I trust has gone by. day of "breaking-in" the heifer I trust has gone by.
Straps or ropes in the stable I have no use for at this Straps
time.
In the case of a cow holding up her milk, we generally leave her for a few minutes, go back to her gain, and by manipulating the udder we usually suc-
ceed in drawing all the milk; a little feed sometimes has the same effect. If I had a bad case of a co leaking her milk, I would send her to the butcher regularity in milking is the best remedy I know of fo
this trouble.
In stripping, one must be guided by goo his trouble. In stripping, one must be guided by good
judgment, as some cows may be stripped so much more quickly than others. I like to get the last of the milk. Ten cows per hour is about the capacity of our milkers.
Each cow's milk is weighed and recorded as taken from the stable to the milk room, a short distance from the stable, and composite samples are taken every six weeks or two months for testing, to ascertain the
amount of butter-fat in the milk. amount of butter-fat in the milk. Only in this way
can we find out the "boarder" cows. I want every cow in the herd to yield me a profit; if she doos not I have no use for her, no matter what other good qualifications she may have.
Only the ordinary precautions are Only the ordinary precautions are taken for keeping
the milk clean. This means clean stables, clean cows. clean udders, clean utensils, clean milkers, and, as a result, clean wholesome milk.
The production of our dairy at Springbrook is a
high-class quality of cream for the City of Montreal high-class quality of cream for the City of Montreal
trade, whence it is sent daily by rail (occasionally, in


Jerseys Going to Pasture After Millking
winter,' milk is shipped instead). The milk is run through a separator, the cream thoroughly aerated for shipment. The skim milk is fed to the calves and hogs. Quite a number of the former are raised for
stock purposes, and a large number of hogs are fed off When milk is shipped to the city instead of cream the same precautions are taken to produce good, clean milk; then the milk is run through an aerator and immedicey cooled to below 50 degrees F., then put lowed for over 10 years, and, suffice it to say, it is a very unusual thing to hear a complaint from our city
dealer about milk or cream. If, perchance, our milk goes to the creamery, the same system is followed. milk There is a singular feature of the dairy business this section-nearly every farmer draws his own milk to the cheesery, or creamery, or railway station. In the cheeseries, about $1 \frac{\mathrm{c}}{} \mathrm{c}$. per pound is charged for making,
and for butter at the creameries, about 2 tc . to 3 c . per pound is charsed. Last year cheeseries paid about an 8 average or 90 c . per cwt. of milk, and creameries about be exceeded season prospects are that these figures will of cheese will be larger, and of butter about the mam of cheese will as last season. I know of no line of farming that is paying better
than dairying, and the dairyman that is putting than dairying, and the dairyman that is putting brains
into his work, adopting the best systems of stabling paying close attention to all the details, in selecting his cows, in caring for them, and in handling his product
with the necessary skill is with the necessary skill. is makin a sure product Too many of our farmers are still using the "scrub
and immature sire. True, the first cost of a good pure-bred sire is considerably more than of a "scrub," farmer who keeps only ten cows pays $\$ 50$ every four years for a pure-bred sire, and raises four heifer calves each year, and raises them right, he will have cows that may produce $\$ 10$ more per year than those from
the "scrub" bull ; therefore he is not long in getting his money back with lurge interest, he has made a better investment than had he placed the same amount in any insurance company, mining, railway or bank stoeks you may mention, and it will be an investment in which the dairyman and his family will take a greater dellight
W. F. STEPHEN. as the years roll on.

## Quality of Cream-gathered Creomery

 Butter.The question may be talrly asked, "Are our croamery managers carrying on the business in the our cream- man-
ner to improve the quality of our western Ontarlo ner to improve the quality of our Western Ontarlo
cream-gathered creamery butter?" Is it ant admitted by all that the great need is sweeter cream, yet. What do we find taking place this year? There are, more creameries gathering cream only twice a week this year than ever before. When askerd why, the answer to gent
erally, " We want to cut down our expenses so that we can compete with our opposition in prices pald to the patrons for butter
The creamery instructors have visited hundreds of patrons this year to try and get them to send sweet you want us to send sweeatedly with this question, It the creamery to gather tho cream; why do you not got The situation at the present time at
creameries is this

It you want swoet
cream gather it it cream gather it
oftener. The eream-
ery man sayi it ery man saya 1
cannot riford to cannot afford to
gather it oftener than twice a week. tatnted cream, and old-Aavored buttor. Does it pay ef
the patron or
creamery creamery men to
have thriee or four
opposition whgons going over the
same road? it not pay them
very much botter very much bottor
to devote thetr
time and energies to increasing the and their produc
tion in the tm
mediate vicenilty mediate vicinity
their own crean
erien, instead
driving past som driving past some
oth or follow's
creamery to steal creamery to steal
some oroum from
him? of ell the foolish thingi the the dairy industry,
it is this trying to gotcroam
and milk away from another Why is it that in many instances the farmers in ther very little cream or the creamery are either sending to the fact that the creamery manager has been giving more time to trying to "do" his opposition ten miles away
than he has to trying to satisfy than he has to trying to satisfy and please his imme-
diate neighbors ? Then, again, if the creameries accopt all kinds of cream it is impossible to make as ane a quality of butter as our best farmers can do on thetr own farms, and they can recelve Just as high a price
as the creamery does for the butter. as the creamery does for the butter. visited to see some Western Ontario creamery butter. In the warehouse of probably the largest buyer of western butter, several lots were compared with Quebec but-
ter. The head of the firm was asked what he conler. The head of the firm was asked what he con-
sidered was the relative value of the Quebec and Western Ontario? He said, if these two lots were offered today, the Western butter would sell for two cents less
per pound than Quebec, and the diference per pound than Quebec, and the difference was due to
flavor. Now, the point is this tavor. Now, the point is this, does it pay the patron
to take two cents less for the butter than they would if the flavor were rlght? Would it not pay them better to pay half a cent more to the creamery man, so that and get a cent and a half more per pound for the Too many of our farmers think that they are making money if they get things cheap, but in the buttor
husiness cheapness is the cuuse of thousand husiness cheapness is the chuse of thousands of dollars
loss to the patrons of creameries in Western Ontarlo. Is it not time our creamery patrons were taking more. Is it not time our creamery patrons were taking more
interest in the way their cream is handled I Let chiem
stee to it that the creamiery is pald a liberal commisiton
 our milld and cream, and butter and cheese. GEO. BARR

Where Dairying Mourishes When the McKinley tariff shut Canadian barley
out of the United States a couple of decades aso, the farmers of Hastings County thought they would have to go out of business. The marke which had been taking their chief product for For a number of years the cheese business ha been established. It had grown slowly, but while barley held in the vicinity of a dollar a bushel dairying did not by any means become a specialty duces more cheese than any other county in $\mathrm{O}_{\mathrm{n}}$ tario, or, for the matter of that, in Canada.
While this premier position some little time, the position has been held for some little time, the apparent changes of the las
two or three years are especially striking. The
factories hiave Pactories hiave always been built and owned co operatively, for the most part, and new and im proved buildings are taking the place of old, un of heart-is to be noticed among the patrons of the factories. Better stock and better feeding
characterize the new era characterize the new era. It is not long since greater number of the calves. Now, practically every farmer uses a good pure-bred maw, practically best females, at least. The Holstein is the most generally popular of the pure breeds, and many stein blood. Much better care than formerly is taken in raising the calves. It is difficult to do it properly where the milk is sent to a cheese actory. The best method seems to be the keep-
ing at home of a certain amount of new milk or the youngsters until they are four or five months old. Many farmers give them the run o a clover meadow during the summer, before it
is cut, and after the second growth springs up. Better feeding is aiding and perpetuatine oood work that better breeding has begun. Clover is grown much more largely than it used to be or hay and pasturage. Peas and oats and corn are the soiling crops most used to supplement the pastures. The dairyman aims to maintain the milk flow at its highest during July and August. under the more favorable conditions of the later months.
Good stables, many of them with cement floors, are, too, the order of the day. A great in the last two years, nearly all of it with a view to improving the accommodation for the cattle hope of the Hastings Co. farmer is in the cow, What is true for Hastings, applies equally to the other counties of the Province-we might
almost say, in all the Provinces east of the Great
Lakes.

## Feedinc for Next Year's Milk

 It is too often the case whare cows are keptsimply to supply the family that os soor as thev mo dry they are put on light fare and left to shift
por themselves. Not much is expected of such cows at any time, but it is always false economy not to get out of a cow, or any other animal, certain amount to maintain her, and it requires just as much time to bring up and milk a poor cow as a good one; therefore, a person fhould ondeavor to extract all the profit and pleasur the cow must have a chance when she is dry. Fee her enough to fortily her against the time calving, then she will give a much better account of herself than if she had lived all winter on a
nere-sustenance diet. If she is a prontable cow

# her owner should know it and give her a chance, 

 which shiver around during the winter, but which, be discovered to be worth better care, would moon The family cow, whether better care and feed. venience merely, deserves the best of care. Sheearns it, and her services are

## POULTRY.

## Poultry Pointers.

Don't keep last winter's layers in small yards and close, stuffy houses ; get them out in the

Be sure that the pullets have plenty of goo lood during the summer, if you expect them, to be high.
twice Pride a fresh supply of cool water, at leas trough in a well-shaded place, wash it thoroughly once a day, and scald it with boiling water once
or twice a week.

It is a good plan to separate the cockerels and pullets as early as the sex can be positively dis pay for the trouble and will do enough better to sume more food and grow faster as they con-

Now is the time to fatten and market all the another winter. They have about fo keep over for this season, and will take on flesh and fat faster now than they will later when they are
shedding their feathers.

## Neglected Poultry.

ther amount of money lost to farmers and bred fowls, is almost incredible, and only fully fealized when looking into the yards of various assorted, undersized fowls kept there. It discusts one to see them consuming good food which would support a profitable flock of fowls. It is usually either that poultry-keeping they admit that fowls do pay for their keeping that it is only to such a small amount as to be barely worth considering.
Fortunately,
Fandunately, one is usually, rewarded in a day's who keep good poultry, and find it a source wives of of agriculturists ant. Hard-working, thrifty Wives of agriculturists and small holders, who are fuly alive to the advantages of keeping level
with the times in most matters, are sometimes painfully slow to take any measures to improve either the laying or table quality of their poultry to them that their neglect is clearly pointed out month after month, year in and year out, money this is simply because they begrudge a small initiatory outlay in money and trouble which ouggest itself to them first season. It does not tage to improve their stock and get a large return in eggs, and in the extra price ohtained for
their young birds killed for table. er's wife can only with the argument the farmpair of fowls as for a small pair, so that there is no advantage in keeping good table poultry and turkeys varies with size and quality-the twe One great hlunder often made is the selling
early pullets for the table, under the impression that the later broods will do just as well to keen carlv pullets that begin to lay just when eqgs are
at the ton price of the year, and when the olll
hens are taking a rest. Old hens are too often allowed to run on yea
after year. The owners seems quite oblivious + the fact that these have not only failed to
supporting, but have become a positive ioss to their owners. The a postitive remedy
evil is
Many hreeders make a point of breedine after vear from hens which make individually Tiberal egg record, and the result of huying fron
such yards is pretty sure to be satisfactory. Whe
we take into consideration all the troullo. in keeping a record, by using trap-nests, of aver egg laid by each individual hen-in fact practical! once be apparent what an advantage
eggs from such a yard, and that
eggs from such a 'yard, and th
the season, so that the pullets
the season, so that the pullets
at a time fresh eggs are
Gilbert, in The Farmer.

## Reminders for Poultry-keepers

 Supply clean water. It is essential to hal thand to te he tor the pronuction of the egk, the tents of which are nearly three parts water chickens arge percentage of poultry, especially youn dirty water in their drinking troughs. As chickens grow, diminish the number of meals, as well as variety of food
Separate the sexes as early as possible ; th their share of food. Weed out the inferior birds, whether as form or quality, at the earliest moment, and feed grass, supply them with unless the birds are on grass, supply them with green food daily, there
fore cut grass is excellent. A mangel rore cut grass is excellent. A mangel may be
cut in halves and supplied for the birds to peck
at.
The business man will keep his customers supobtain better prices in summer than outsiders will
ond have nothing to sell in the dear season.
Learn the fattening system, if
Larn the fattening system, if a practical
knowledge has not already been acquired. Chickknowledge has not already been acquired. Chick-
ens finished in this way largely increase in weight and quality, being much richer on the table. Milk should find its way into the chicken
rations much more generally, and if a cow rations much more generally, and if a cow is
kept for the purpose of supplying it, it would be found one of the cheapest of foods. on a oung chickens still with the hens thrive better on a variety of foods. The object is to induce
them to eat largely by giving small quantities during many meals.
The way
trap nest, record the eggs laid by partion to use a particular pen, and to breed from these hens only
which lay the largest this plan the largest number of eggs, adopting Select the breeding cockerel from the eggs laid laye best-laying hen. Mate him with the best-
laying hens or pullets, and again select both sexes

## GARDEN 新 ORCHARD.

The Tussock Moth in Nova Scotia.
scotia, is being treated to a new visitation, Nova chape of a scourge of the tussock moth, which blds fair
to entirely ruin the fruit of several rchards most seriously afficted several orchards. The just north of Grand Pre station, where orchards there are already hardly any sound apples to
The insects have been seen for several years past in particular damage, and haver been known to do any
even as a possible fived little attention, even as a possible future enemy. But last winter, and
more particularly more particularly in the early spring, when orchard of the egg clusters (which are quite noticeable when th leaves are of the trees) are quite noticeable when the as to the insect which laid them. Evidently last sea freely. Some orchardists, where they were most plentiful
gathered the egd (at least two collecting over a peck of them from rather small orchards), and, as a result, their orchards
are comparatively free from attack while the are comparatively free from attack, whlle their neigh
bors who did not adopt this method are in some cases naving very heavily for thetr neglect. The worms hatch here about July 1st, though their time of coming out varies considerahly, as they can now be found all
the way from those just hatched, and less than a quar-
ter of an mather orer an inch in length. to those nearly full-grown and fruit. but seem to prefer the young leaves at the tip
of krowing shoots, and the younc the most serious damage is on the fruit, and they will
sommetimes an over the entlre surface, taking the stin
and and
$\qquad$
$\qquad$ id, n noll in a badly-infested orchard, which an parly sweet veriety. Golden Sweet, King of Tomp-
kins. Baldwin. Blenhelt. last-named was damaged considerably, and even the sremed to prefer the mare considerably, though they
which would hrould. no doubt, be softer fruit, the tissues of stace. evan by these ensily recognized in the larval
the 1 wn lonacquainted with it one long ture black tufts of hat ha at the heed ins from apright, whitish tufts along the back, tike stic. For a scrubbing brush. Which are very char
red spots along the back, near the rear end. It has
also a good many scattering black hairs along the body. In the adult stage the female is wingless, like the
female of the canker worm, and the male a small gray-ish-winged moth. The insects go into the pupa stage largely on the trees, and the females when they hatch them with a white, frothy mass. Usually two or three
leaves are held together by the egg mass, and the whole leaves are held together by the egg mass, and the whole ous, and collecting and destroying these egg cl a most effective method of combating this insect. As
each egg cluster contains from 300 to 500 eggs, it is each egg cluster contains from 300 to 500 eggs, it is mean a good deal.
What makes this insect difficult to deal with, and after the ordinary spraying has been done, and when are not on the lookout for it. We would urge farmers, particularly in the Annapoli
Valley, to look over their trees at once and see if Valley, to look over their trees at once and see if the
fruit is being eaten, and if so, spray immediately with Paris green, using, 1 lib. per cask, with plenty of lime,
to prevent any possible burning. We should also put to prevent any possible burning. We should also put
in the vitriol to make Bordeaux, as this will adhere of course the work of this insect must not fused with that of the "freen fruit worm,", which usually
eats but a single hole into the apple, and which works earlier in the season.
I am not an alarmist, and have no doubt this insect aged, but it certainly is doing in the section where is plentiful the most serious damage that we have seen
from any insect pest. Caterpillars and canker worms from any insect pest. Caterpillars and canker worms
will eat the leaves, but the tree will send out a new crop and go on its way rejoicing (though, no doubt,
hoping that its owner will not pernit such an outrage the following year), but when this insect takes charge the fruit seems to be doomed for that year at least.
And another point worth considering is this : that the archards which this year are overrun with the tussock moth were last year no more affected than a very large
number are now. It will certainly pay to be on the watch for this insect's eggs the coming winter.
N. S. Agricultural College.
F. C. SEARS.

## APIARY.

Producing Both Comb and Extracted Honey on the Same Colony.
The following paper, by James A. Green, was
read before the National Beekeepers' Convention Chicago last December :
Whether comb or extracted honey can be produced most profitably, is a question that is often asked, and one that each man must settle for him-
self, according to the conditions under which he must work. Having settled this, he is too apt to
assume that he should contine himself entirely to assume that he should contine himself entirely to
the production of one or the other. We all know the production of one or the other. We all know would be one of the last to decry them. Yet think that, in many cases, at least, the beekeep-tracted-honey man is all right. He has no need tracted-honey man is all right. He has no need
to produce any comb honey, and, in most cases, With the comb-honey producer it is different.
All practical comb-honey producers know that it All practical comb-honey producers know that it
is a difficult matter to get all colonies in such ly at the beginning of the honey flow. A colony that is in just the right condition will go into
the sections with a rush, and keep things moving ight from the start. Another, apparently as
trong in numbers, will hesitate about going into the super, and do nothing for some days except
to crowd the brood combs as full as possible of honey. This perhaps results in swarming, which management, effectually spoils the chances of any
comb honey from that colony. In any case, the colony that started promptly in the super is pretty sure to have a great deal more honey to
its credit than the one that is slow about starting, even when they are apparently equal in all
other respects. It is exceedingly important that
the bees form the habit as early as possible of storing their honey in the super.
Beekeepers
, generally are in the habit of using
" bait "bait-combs" "in the supers to secure this early
start. But even a full super of drawn combs in
sections is not as good for this purpose as a nice set of extracting combs. For a number of years I have combined the
production of extracted honey with that of comb. My extracting supers are only 6 inches deep, with
the frames at fixed distances, firmly held in place hy a thumb-screw through the side of the hive,
after the style of the Heddon hive. This makes Chem easily handled as a whole, and none of the
frames are ever handles separately until they come to the extracting room.
One of these supers is placed on each colony at
the beginning of the honey flow. The bees enter the beginning of the honey flow. The bees enter
this readily, and if there is any surplus to be
gathered, it goes into the super. After the bees
are well at work in it, a super of sections is
placed under it, after the usual tiering plan, sometimes the extracting super is removed altogether, and replaced by the super of sections. er-working colonies. There will always be some colonies that will not do good work in the sections, because they are not, strong enough in numbecause they do not cap their honey with the nice white finish so necessary for a fancy article. On these colonies the extracting con:bs may be tiered
up to any desired height, and left to be finished or to any desired height, and left to be finished, gives you the ability to use profitably those colgives you the ability to use proftably those colmost apiaries there are bees that are not fit for
producing comb honey, simply because they fill producing comb honey, simply because they fill
the cells so full that their combs have a watersoaked appearance that detracts largely from its
market value. These should be culled out, if comb honey is what you are trying to produce,
and their queens superseded with better stock as soon as possible. In the meantime, they are just as good for extracted honey as any.
It takes a strong force of workers to work
comb honey profitably. A colony that will do comb honey profitably. A colony that will do built, may do little or nothing at building comb in super. That foundation principle of beekeepmuch greater force to colonies producing comb honey than to those run for extracting. colonies that are not yet strong enough for the profitable production of comb. When they have
reached the point where they can build comb profitably, the extracting combs may be exchanged for sections. When a colony swarms, or is divid-
ed, its comb supers go with the swarm, while a set of extracting combs is put on the old colony colony that any time during the honey flow is found to be doing poor work in the sections, has extracting combs. One of the greatest advantages of this com-
bination system is seen at the end of the season. bination system is seen at the end of the season.
As the honey flow draws to a close, instead of giving new sections that may never be completed,
give extracted combs to the colonies that are doing the poorest work in the sections, and give
their sections to other colonies to complete. In this way you not only secure a larger amount of
finished honey, but you avoid the expensive nuisance of having a lot of unfinished sections on your hands at the close of the season. By working in this way, I have sometimes had nearly
every section in an apiary of over 100 colonies run mostly for comb honey, finished up in marketabble condition at the close of the season. An-
other important point to be considered is that, in many localities, the last honey gathered is not fit profitably handled in the extracted form.
It will be seen that by this system there is considerable changing about of unfinished supers.
Usually the supers are first freed of bees by the Usually the supers are first freed of bees by the
use of bee-escapes, but during the honey-flow simply get out the greater part of the
bees by smoking, and then shaking or " jouncing." The few bees that are ieft do no harm and are just as useful in one hive as another:
Of course, a queen-excluding honey-board is practical necessity with this system, but its ad-
vantages are so many and so great that I would vantages are so many and so great that I would
not think of doing without it. Several years ago I was much taken up with past season, of using one or more extracting combs in each comb super, but I soon gave it
up, as it seemed to me too fussy and complicated, up, as it seemed to me too fussy and complicated
and not nearly as well suited to the work in large apiary as separate supers, used according to the needs of the pave outlined has been in practical use in my apiaries for nearly twenty years. There are some small advantages that I have not systen are that it secures more honey, a highe grade of comb honey, saves a great deal of
waste, and does it with a control of the bees and
an economy of labor that is not to be secured by an economy of labor that is not to be secured by any other method Considerable discussion followed the reading of the paper. We append the comments of Mr. R
F. Holtermann, of Brant Co., Ont.: duction of comb and extracted honey in the same duction of comb and extracted honey in the same
hive is this: It requires a good deal of concen-
trated energy to produce good comb honey; and as far as skill and time are concerned, it require more careful and skillful application to produc
good comb honey than it does good extracted honey ; and where you have a percentage of your extracting combs in that super, you are really producing extracted honey at an increased expense
compared with comb honey, and the more you produce, the greater is the cost of producing that extracted honey. The question has been touched
upon as to the unfinished sections on the outer
sides of the hives. It has also been mentioned sections. That, I am thoroughly satisfied, is correct. I learned some years ago by putting in
wedges between the bottom-board and the broodchamber, that the brood-chamber was practically raised an increase of $\frac{1}{3}$ of an inch from the bottomboard, and by that means the bees are compelled to go up at the side. By having a doter at it have found that the outside sections are in many cases found that the outside secter filled than the center "I have never seen a bait section as
well finished as a section built upon comb
foundation. But, an the other hand foundation. But, on the other hand I I
want to plead that for these bait sections you can get a better price than you can those extracting frames. That is the reason I those extracting frames. That is the reason

## Removing Combs from the Hive for

 ExtractingIn how many apiaries throughout the land does the
season for extracting become a season of dread? Time was when it was the same to me ; but long experience I have met at conventions, and the reading in bee journals, have changed all this, and now we often extract in out-apiarios in buildings very tar from beeight. During the robbing season we extrast af day To go into the details of management to accomplish this will necessitate another article. The present is
simply to cover the removal of combs trom the hive to simply to cove
the beehouse.
We work in pairs, the least experienced doing the smoking, although to smoke bees 'to perrection', roquires great kkill, close observation, and faithful work.
The next hive to operate upon is smoked whilo wo The next hive to operate upon is amoked while we
are about to open a new hive. Smoking is done through the ventilator. To smoke the bees at the en trance is to drive them into the super. The hive te not jarred, but handled carefully. The cover and aloth, bees smoked. A swinging motion of the emoker throwing the smoke between the combs from iend to ehd is far more elfectual to drive the bees down than to smoke in the usual circling motion, and largely across the combs. If there are two supers on the hive, the combs are of the hive, but so far in front that they are not wikely to reach the brood-chamber before the super next to the
brood-chamber is being operated upon. Wo work quickly brood-chamber is being operated upon. We work quickly
but not roughly. Lot movements be rapid, purposeful, but not roughly. Let movements be rapid, purposerul ing straight combs and using a little caroful Judgmant we have no trouble about crushing bees. I now catch hold of the top-bar ends with thumb on one side, fore
fingers on the sidebar and the reat of the hand on the other side of the frame inside of the hands, facing each other, and make a quick shake, followed by a rapid toversal in motion, and anather quick shake down, dond
in less time than it takes to describe it, and yet the in less time than it takes to describe it, and yet the in rapid succession. To hold a heavy comb by the op-bar lugs alone would break the lugs in many cases; ut by also pressing on the side-bar, much of the weight taken from the lugs. I also find that the staple
driven into the top-bar weaken the lug, and they are more liable to spitit of. Your metal ppacerf would have the opposite effect. Unless with some straine of talians, I find, after such shaking, but few bees upon
the comb. Whatever is left upon the comb is brushed the comb. Whatever is left upon the comb is brushed
For twenty-five years I have tried almost if not
evarything recommended as a brush if within reach, hind verything recommended as a brush if within reach, and some things which had to be purchased a long way from
home. A turkey feather and wing, or a goose wing, was the first. I find these too harsh. There is not kive enough to them; and even with an experienced hand the bees are likely to be more or less crushod o
olled under the feather, and they will fight the feither I have seen the bees do it many a time. Asparaguis and weeds do not last, and are too irregular, and much
time is lost in looking for more. The Coggshail beetime is lost in looking for more. The Coggshail beecient play, but does not cover enough surface at a sweep. The Dixie bee-brush is all right at first; but when it has been put in water it hardens, and when in se becomes tangled. However, I preter it to any of he above-named articles. brush, and sent for two. It is a cataloged a Gorman had no eflect upon it. The hairs are long enough to be pliable and not crush the bees if caught between the too few hairs in the brush, either being too many nor that brush we brushed at least comb surface enough to contain 30,000 lbs. of honey, 60,000 lbs. beling one crop. dulling of the paint on the wood, about as new. Even when used by a novice, as it was many a time, we never saw the bees try to fight it, It was shown at conventions in Canada, and many wainted to buy one like it, among them. some of our very beetst
known Canadian beekeopers (I have none for sef()), never used a brush its equal. It could be washed hnfor
 The lowerstory combes when stings and annoyances moved, have their bees shaken into the super.
empty super is taken out on a barrow and filled.
two mpers are

 the barrow. We often (one man) whel a barrow with
two twelveframe supers orom the paiary to the house.
By means of a plank, or other device, the barrow is ${ }^{\text {By meons }}$ methed directly into the extracting-house, and this
mothod is much aasier and more rapid than carrying in

## THE FARM BULLETIN.

## Quebec Notes.

Since sending you the notea of last month, our beau tiful valley has changed its aspect of a month or so fielde are it was superb in ite greenness, to-day th blosemse of the clover, the yellow of an occasional field Their will soon or grain turned to the summer sun, whic elde. waving in the breezo this, whe darh-green on the banks of the gently-Alowing river, or the shapely mapple of the forest in the background, makes a pliture t Tor any artist, or a fit subject for any poet ; here arkes of the Crean drink in to their heart's content the there is activity con. But amidst this beautiful scene time," and while the City Cons the haying book to the hammock, under the shade of the latest or maple tree, and the capitalist 1 is meandering among the mountains or enjoying the sea breezes, our farmers are eererting their energites to the tune of the mowing machine, the hay tedder, to re rake, etc., making the
most of the sumahine in saving the hay crop. Huntingdon, Que. in saving the hay crop. W. F. s.

## International Horse Show.

Mr. Henry Wade, Secretary, Canadian Horse-breedere Association, writes
"I have recelved a letter and circular from $\mathrm{Mr}_{\mathrm{r}}$ Shonk F. Euren, Secretary of the International Horse closees the prospectus of the coming International Horse Show, to be held in the Olympia Show Building, Loodon, England, in June, 1907, at which about $£ 10,000$ wili be paid in prizes. He is asking the co-operation Canadian horsemen in making this show a succeess ; he assist in sending some of the best Gumping saddle and driving horses bred in the tome tominion. Jumping, saddlio and
this show will competitiors throughout character, and will be open to oi horses. It would be well for Canadian horsemeaner to
hold this exhibition in prospect, as we heve hold this exhibition in prospect, an wan wo have just as
good to


## Crops in Temiskaming.

lent summer for burning the fallow. At times an excel- fire runs somempar, oespecing the fallow. At times the firg
in the woods, but in the woods, but as yet it has not done very much
harm. The fire makes the clearing of the easy. There is quite an amount of clearing land quite this yearr but the last two weeks the farmers have been
busy with their busy with their hay, whic is an abundarst crop, beend
has been gathered in fine condition has been gathered in ine condition. The grain, crops
also look promising. Fall wheat is well also look promising. Fall wheat is well 111 ecd apd
ready to horvest ; the oats are also headed out good
and stroust and strong, and the peas are covered with blossom Which, with the potatoes, root crops and gardens all ooking so bright, makes the farmors here quitt jubilant.
We have lately had a visit froun Mr. Andree fill Galt, and Miss Laura Rose, of Guelph, addreasing ings, which were greatly appreciated by the farmers and
their wive heir wives and families, inasmuch as they came here as representatives of the Farmers' and Women's Institutes,
of which quite a good many are already this district. I had the pleasure of hearing them tot in at Hilliardton (this is a village on the banke of the White River). Mr. Ellijot being the first speakker, spoke
briefly on difierent sube the tivating the land, and the the raising of difing and culand the growing of fruit for profit and pleasure. arops,
also se sid also said, among other things, that in his travels in was the high rate of diffculty we had in this country that it took a great many farmers from their tined and atter the silver that glistens. I I might taike arms ception to this remark of his, because a great deal de
pends on this question pends on this question. My opinion is that thoeethigh
wages, after being earned, will be be on the the wages, ather being earned, will be one of the best ad-
vantages to the farmers, if they will take this cash and buy more supplies, come back on their thrms cash and buy more supplies, come back on their farms and do-
velop more acres for tho succeeding
high-wage country, both summer and winter
iil be a great help to the beginer that In much of the neefrul. Mr. Eiliot was also dol Che mines. He declared it was another bad feature
our
development, becuuse it people from the tarm. I might mention as to
that I consider in the near that I consider in the near future a large number those prospectors will be found coming back to farms, as they will ind that the farm will be safer
surer profit for the money and labor invested. surrer pront or the money and labor invested. Let
farmer stick to his farm and the miner to his mine. believe this will be a happy combination, and each
dustry dustry will certainly help the other to develop and mat
this district one of the wealthiest this aistrict one of the wealthiest in Ontario, if no
Canada. $M$ iss L . Hose also espore gentlemen. As there were quite a few present, her ject in the afternoon was the making of good bread and buns, made quile palatable by the addition of blur Women's Institute at Hilliardton. The organized oreprese ertainly are of thenety here presages success, as thi in the evening, on the dairy cow. Miss Rose also spole seems to rofile of liliar with her subjects. She had a large board of the Hilliardy cow pinned on the large black Speaking. She oldiascribed schoolhouse, where they werm
vest cow, and also said the proper apperanese of the best cow, and also said that a great deal depends on
cleanliness, plenty of light in the stable, and kindnoss lieaniness, plenty of light in the stable, and kindness
to the proftable dairy cow. $\mathrm{In}_{\mathrm{I}}$ my next letter to readers of "The Farmer's Advocate, "I purpose ot give
a description of how the honeybee industry is handled this district, both proftably and successfully.

## A Big Show of Horses

The exhibit of horses at the Canatian National Fxx
hibition, Toronto, last year ran up to 1.200 ,
this yery promise that that record will be far exceeded hundred horses of all tyoenthing like fourteen or fifteen Entries are not confined to Canada seen on the ground inent prizes are open to all the world Souasses a States beders have been to England and the United Tares to make purchases specially for exhibition at of King Edward and Lonst of Shires from the stud the stables on the exhibition grounds. are already Ciasses of horses will be shown and judged the frist weel

## Dairy Meeting at Brockville

 to be held at the Brockville Cool Cheese-curing Roet angain having an offcial referee p.m. The question Montreal, and the selling of cheese on three cheeste at stead of two, as at present, will be among the subijectdiscussed. discussed.
All the
Montreal Produce o merchanto in Fastern Ontario, and the Montreal Produce Merchants' Association, have been in
vited to send to dolegates, and a general invitation
has been extenteo din has been extended to salegates, and a genenal inventation and others interested
 others, will be Geo. Rarr, chief instructors, and

## MARKETS

## Toronto.

Cattle receipts at the Junction market
were large- 100 carloads market the cattle receipts were light, but



 the best grades, and
ewt. for the common. Exporters-Pricese
$\$ 5.10$ ranged from
P4.40
the bulk
selling at
 83.50 to 84.25


 | common, |
| :---: |
| to 83.25. |

Stockers and Feeders-Few offered, b
plenty
Ror
den


 Milich Cowis-Few
at 800
to $\$ 80$ each.
Yeal Calves-OHerings moderate; prices

 out of 150 on sale.



|  |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



## Buffalo.

Cattle-Slow and steady; prices un
Veals-Active.
 Yorkers and pigs, $\$ 6.85$ to $\$ \$ .90$ 4.75 ; dairies, $\$ 6.50$ to $\$ 6.75$ stags, $\$ 4.25$ to Sheep and Lambs-Active and steady
lambs, $\$ 5.50$ to $\$ 7.75 ;$ yearlings, $\$ 6$ to
$\$ .25 ;$ wethers, $\$ 5.50$ to $\$ 5.75 ;$ ewes,
$\$ 4.75$ to $\$ 5 ;$ sheep, mixed $\$ 3$ to $\$ 550$

British Cattle Markets.
e

## THE CANADIAN BANK OF COMMERCE

Paid-up Capital, $\$ 10,000,000$. Reserve Fund, $\$ 4,500,000$
HEAD OFFICE, TORONTO
B. E. WALKER, General Manager

TORONTO

## BANK MONEY ORDERS

## 55 and under

| $\substack{\text { ver } \\ \text { s.5 } \\ \text { s. } \\ \$ 30}$ |
| :---: |


$\$ 10$
$\$ 30$
$\$ 30$

These Orders are Payable at Par at any office in Canada of a Chartered Bank
(Yukon excepted), and at the principal banking points in the United States.
THE CANADIAN BANK OF COMMERCE, LONDON, ENG
They form an excellent method of remitting small sums of money with safety

## Montreal.

 Live Stock-In the local markets fo live stock there is nothing speciallynew, the tone of the cattle market, however new, the tone of the catto merke, howevere
being rather frmer
choce






 $\$ 2.50$ to 85 each, and 88 to 810 each tor
choice, while milch cows ranged trom $\$ 25$ Shors market tor hogs was quite frm, but there


 pathy with that tor live, and treab
 1. For choloest. Thero has been some
thange in pricea
tor hamm and bacon, reo




 Clinad in price on certain grades of the
 ire tower, best smoloed broent asat bucoon


 ${ }^{1} 824$ perter pork is umehanged at 822.50 to

















the country, and this has parched the pastures in many sections and reduced
the yield of milk. Should this continue or a short time, the market for cheese
is bound to be influenced. Quotations are about 11 tc c. to 11 fl . for Queleces
11 fc . to 11 g . for Townhips, and 11 k c. to 12c. for Ontarios. Exports were larg 106,000 woees, ending July 28 , being hind the same week last year. Total
hipments for the season, however, ar shipments for the season, however, ar
still ahead, being almost a million boxes Butter-The market for butter has hown very little change for some time
past. Early in the week, the tone was trong, and sales were made for export 22 c . for fancy Townships. It would some holders are asking it. Purchases of finest have been made at $22 \frac{1}{\mathrm{c}} \mathrm{c}$., and general figure, for the latter. Shipments 8, were only 20,000 , which was 9,000 ss than for the same week last yea-
otal shipments for the season are 158 , 00 packages, or 75,000 less than 000 p
1905.
Potato
has la Potatoes-A good heavy fall of rai
a⿱s lately taken place. Although will have a good effict upon the crop, which was previously all but ruined by
the drought, it is still insufficient to pene rate the ground to any considerable
epth, and more is badly needed. The potatoes are growing very small and
very firm. They are said to be very very firm. They are said to be very
sound, and if only some rain would fall
sore they ripen too far, a crop of splendid quality might result. Prices
have declined to $\$ 2.25$ per bbl., pald to have declined to $\$ 2.25$ per bbl., pald to Eags are \$1.12 and \$1.30 Egys-The market for these holds very
teeady. The tone continues firm, and ealers are still receiving ric., here, for some very fine having been reported at
$7 \mathbf{7} \mathrm{c}$. Apparently wa high as 16 fc . is be ${ }^{7} 7 \mathrm{c} \mathrm{c}$. Apparently as high as 16 c c . is be gr received at country po ans, less. Millfeed-The market for bran horts is exceedingly firm, and prices ac Vanced $\$ 1$ per ton during the past few
days. Millers are almost unable to ob tain sufficient to fill their orders, and many of them would be glad to make
purchases themselves. Bran is wanted,
Brent the demand being probably owing to the
drying up of the pastures on account of
the lack of rain. Sales can readily be drying up of the pastares can readily be
the lacki of rain. Sales in car lots, fo
made at $\$ 18$ per ton, in car made at $\$ 18$ per ton, in car lots, for
Manitoba bran, bagged. Shorts are also in active demand, and prices have gone
to $\$ 21$, at which figure there is none too much offering.
Hay-The market
Hay- to light deliveries and an on spot, 50c. per ton has taken place on thi narket. The English market is also port basis as compared with this mar Prices now are $\$ 10$ per ton for
et.
N. 1 timothy, $\$ 9$ for No. 2 , and $\$ 8$ for lover and clover mixed. The crop wil
e below the average, but the quality will probably be fine.
Grain-There is only one kind of grain selling here just now, and there is ex
tremely little doing in it; this is oats, week ago, quotations for local account Pok ago, quotations for local account
now being 38c. for No. 4, store, 39c.

## Chicago.

Chicago.
Cattle-10c. higher; slow and steady;
common to prime steers, $\$ 4.25$ to $\$ 6.25$; common to prime steers, $\$ 4.25$ to $\$ 6.25$; $\$ 5.25$; bulls, $\$ 2.40$ to $\$ 4.40$; calves, $\$ 8$ $\$ 4.25$. Hoge A shade lower; $\$$ choice to prime heavy, $\$ 6.40$ to $\$ 6.50$; medium
to good heavy, $\$ .20$ to $\$ 8.35$; butchers
weights $\$ 6.35$, 86.5 . weights, $\$ 6.35$ to $\$ 6.55$; good to chorce, heavy, mixed, $\$ 6.25$ to $\$ 6.35$; packing,
$\$ 5.75$ to $\$ 6.30$. Sheep and Lambs${ }^{55.75}$ to $\$ 6.30$. Sheep and Lambs \$5..60; yearlings, $\$ 5$ to $\$ 6$; lambs, $\$ 6$ to
$\$ 7.75$.

## Cheese Markets.


 to 11 c c. for fancy Western, and colored
cheese cheese bringing better prices than white;
Easterns, 11 fc . to 11 d .

A laborer among the gardens of the
soul found that the strength to uproot soul found that the strength to uproo
weeds was less rare than the power to
distinguish them distinguish them from flowers.
"As I passed through life," said a
pilgrim near his journey's end," I saw pilgrim near his journey's end, "I saw
grief blight many hearts ; but I als the Angel of Pity weep more over these whom it could not touch.
The Power of Music.-Mr. Jack London
was introduced to "I, too, am a musician in a small way," said London. "My musical talent was once the means of saving my iffe." How
was that $?$ " the musician was a great flood in our town There was a great flood in our town in my
boyhood," replied London. "When the water struck our house my father got on to a bed and floated down with the
stream until ho was rescued." "/ Well stream until ho was rescued.", "Well ?"
said the musician. "Well,", responded
London, ". I accompanied bim on the London," "I accompanied him on the
an every-day creed.
I belige that work is the best pana-
cea for most ills, especially those of the
I believe in fun and laughter
I believe in the beauty of flowers, sun-
sets and mountains ; in the music sets and mountains ; in the music of
birds and brooks.
I believe there is a bright side
everything.
I believe i
I believe in human kindness.
I believe that an ounce of frankness
and explanation is worth a pound pentance and forgiveness. I believe in the hearty handshake, in
hospitality, comradeship, friendship and love.
The hope of the nation is in the farm and suburban home and in the country and suburban town and village. It is not in the cities that this country now theeds
the service of the flower of its patriotic manhood. It is in the country where the great national problem of the im-
provement of the rural life is to be solvedent of the rural life is to be
sore beautifui towns and villages and better roads are to be built, better schools to be established,
telephones and trolley lines constructed, elephones and trolley linees constructed,
and all the infuences put to work that
iil Improve the will improve the country, and drive away
the isolation and hardships that were ormerly its drawback.-George H. Max-

## John

John Weaver, the reform mayor of
Philadelphia, was recently congratututed by a delegation of clergymen on the lean administrato that he has given In the course of his reply, Mayor Weaver said
II am glad to tell you that things stance, the matter of elections. A Philla.
stane for in delphian, some years ago, was running for a small office, and on election day he
went from poll to poll, chering his porters on. "As he left a certain poll a shabby
individual approached and shook him by individual approached and shook him hy
the hand.
.. I I trust, sir,' said the candidate, that youst, sire, one ofaid the candidat supporters?
"A 'One?" chuckled the shabby ". 'One? ?" chuckled the shabby

## Contents of this Issto.

LUSTRATIONS
Turning the Sod .........................1241
Two-year-old Shire Stallion, Danes-Two-year-old shire Stallion, Danes-
field Stonewall ... .................... 1243 outhdown Ram ... ... ...................... 1244 Buscot Victor .......................... 1245 Jerseys Going to Pasture After Mill.
ing ... ... ...

uebee Notes; International Hors
in Temiskaming: A Bis show of
Horses ; Dairy Meeting at Brooke
ville ... ... ... ...............................12v2
Agriculture in Germany ... ............... 1288 The Bee and the Flowereston Poultry Show i.. ........................... 1270 Beyond the Walls; The Meat. Bush-
negs in France ... ... ...................1271 MARKETS .
Home hagazine 1254
QUESTIONS AND ANSWERE
Miscellaneous.
Turkey with sore leet; ownershlp of
fence ; an option to purchate Ience ; an option to purchace
keeping bees ; whey with moal for
fattening iowl. ings ; mare falls to bread: young plgs ; crippled ; hens ves. cows for
pront ; water prof̂t ; water pipe ; crossing breeds
of fowl ; re cream separator ; stemm plow for West. ... ... ... ................. 1261 Feeding a foal
nts in beehives-time to take......... of
honey ; ownership of fruit. honey ; ownership of fruit ; potato
digger wanted ; starting olack-cape and gooseberries ... ...... ................ 1267 Alfalfa in Cape Breton, N. S.
miscellaneous ; barn plan wented miscellaneous; barn plan wanted;
spraying for mustand ... .............. 1268 spraying for mustard ... ................ 12 shrub; stomaoh staggers : hog
troughs ... ................................. 1269 sture on Sandy Upland

Veterinary
ching: mares falling to breed:
eczema or lice: miscellage

Cife，录iterature
antu 近隹ation


Dramatiration of The Jungle．
Upton Sinclair is busy in New York dramatizing his novel．＂The Jungle＂has，no doubt，accomplished a great work in the modern world， A surfeit of even a good and pleasan thing cloys，but gurely and pleasan of such a pig－sticking，blood－wallow ing，filth－reeking horror as＂Th Jungle＂must come nothing short of an abomination．True，herds o a certain class of people in the cities will flock to see the play，just as
crowds of the same class might crowds of the same class might con－ gregate to see a hanging．There is a morbid element which finds place
in the inner nature of some ill－con－ stituted people；but why，in the name of all that is artistic，or literary，or virtuous，should such a morbid ele ment be thus pandered to？＂The Jungle＇s＂work is already done，and no red－letter perpetuation of it can as a result of
It would appear that the almighty dollar，of which his novel has al－ ready，brought to Mr．Sinclair a plentitude，has dazzled his eyes，even to the blotting out of his judgment． Bētter things had been expected him，Better far were it that he
should be contented to relegate the should be contented to relegate the
book to the limbo of literary curiosi－ ties，and apply himself to the crea－ tion of another which might take its ＂place as true literature．Parts of ＂The Jungle＂show that he is
capable of such work．Why，then， should he thus waste himself and his opportunities？

What Do Our New Words Signify？
One may have noticed in recent the use of apapas and magazine At the present junctura，jungled． At the present juncture it is scarcely of this word．As used in＂． jam，＂for，instance，it adequately plains itself．
We are accustomed to look upon
language as one of the look upon things；yet every once in manent some new word comes jogging along and it is presently rolling glibly from our tongues，and ensconcing itself in our dictionaries with as brazen an assurance as though it had come down in true orthodox fashion from the Saxon mixing－bowl itself．It is not long，for instance，since＂graft， in the sinister sense in which it is now commonly used，made its ap－ pearance．Other newcomers which will be readily thought of are，bunco， jingo，trek，jolly（in the sense of to poke fun at），slump（as a slump in one＇s fortunes），scalp（as used in reference to trafficking in railway tickets outside of the authorized most of which Oslerize，pasteurize－ most of which are as yet placed only
$i_{n}$ the supplements in the supplements of our most com－ a matter of time，however merely many if not all of these will until corded a place as recognized be ac－ of our language．
In looking over the list，one is
struck by one rather that so many of the weculiar fact－ gestive of the disreputable．Bunco jingo，slump，graft，jungled－all these have a somewhat ill－favored signification，and one might aored adding to the number．After the Setman conquest a somewhat similar set of words was introduced into the
yood old English．Ribald，jangle ravin，owe their existence as English Nords to this period．Also＂chance，＂ now a term respectable enough for expression，as were also many other words which have since outlived their bad reputation－hazard，for instance， and jeopardy ，formerly a mere ex
clamation，
jeu parti ！ game！jeu parti！＇＂－drawn of these，be it noted，has been at－
tributed to＂the furious and violent tributed to＂＂the furious and violent
life of that period，＂which found re laxation in＂．abandonment to revelry gaming table．＂ C＇an it be that such words as graft， fingo，etc．，are in a similar manner
characteristic of our time？Are chicanery，wire－pulling，etce，especial－ ly rife in the Twentieth Century or
is the increase of our vocabulary is the increase of our vocabulary
in this respect merely due to an
nwakening conscience which its derision of endesirable condi－
tions in a slang＂＂1aking＂enough or crystallization into a component
part of our sfon and our litera－
ture？

Valuable MSS．Lost． The San Francisco fire wiped out
more literary treasures than the more literary treasures than the velops that the original manuscripts of Frank Norris＇s books，which were
the property of his brother，Mr．Chas． the property of his brother，Mr．Chas． ris was also the owner of the orig nal manuscript of Dr．Jekyll and Mr Hyde，and this，too，was also lost By hard work，the house occupied by
Robert Louis Stevenson in cisco was saved．A few pages Some of Frank Norris＇s books，which fortunately，are in the possession o
friends in New York and Califor have been placed at the disposal Mr．Norris．－［Ex．

## Brain Work Doesn＇t Kill．

 before the Royal College of Physi cians，Sir Hoyal College of Physi cians，Sir Herinan Weber，himself an octegenarian，gave official support to kill，but rather the reverse．A few of his instances are Sophocles，Plato，Galen，Cicero，Moltke，Bismarck， Mommsen and Gladstone，Bismarck， we might add Hobbes，Carlyle，Spen－ cer and Kelvin．The facts are that brainwork increases the supply of
blood to the nerve cells， motes their nutrition and health Mosso，an Italian，laid a man on a delicately－balanced table，and showed subject did a mental whenever the mental brainwork．The increased weight of his head was due to the life－giving blood．The truth is that brainwork，as such，never killed any－
body．－－London Chronicle．

## Imperfections．

A party of travellers journeying
through Japan， came upon an old artist in ivories was one most excuisite he shower which he asked a hundred dollars The price was not at all high fo once agreed to one of the party at once agreed to take it．Before sur
rendering it，however，the artist amined it minutely，and the result of the examination was the discovery of a tiny imperfection，which he point ＂That will make no difference，＂ but you would ever have discovered price．＂，need make no difference in the It is not a matter of price，＂the perifect work ever goes from me at
any price．I cannot sell your
The the The traveller，incredulous this．＂ again the plea that none but the artist＇s eye could ever see the blerri－ still，but to all his arguments price old artist had but the one reply－ he could not give his name to im－ from this decision nothing move him．decision nothing could
How the spirit ist rebukes us ！of the heathen art－ ist rebukes us！Nothing was al－
lowed to go from his shop that was
not the lost working with him that he and wose －what poor，half－hearted，but we
work we allow to bear the Master＇s
name ！－lWellsprin bear

Current Comment． Items of News．
A magnificent G．T．P．
Hon．W．P．Street，Judge of the King＇s Bench of the High Court of
Justice of Ontario is de ＊．
A rich deposit of iron ore has been

The Russia．
Russia has，during the movement in night，assumed severer proportions he fortress of Srovinces，where，at city of Helsingfors，a serious mutiny broke out some days a serious mutiny troops and marines．After continu－ Sveaboring for more than a night neers，but surrendered to the muti－ capitulate to the loyalists forced to poured into Helsingfors from St
Petersburg， vented the sending of further pre－ plies to the fortres of further sup－ the subjugation an easier one．Mung uncasiness was felt lest a similar stadt，but surrectionary movements in will in have been forestalled．First reports borg was the outbreak at Svea ing at a simulta conspiracy aim－ Sveaborg，Cronstadt and Sebasto rising was chiefly appears that the effort at concerted movement some however，been under consideration， the Radical groups of the expelled Parliament had previously addressed an appeal to the army and navy，the
most important part of the text reading as follows． Sondiers and Sailors，－The Gov－ dissolved Parliamenterial command have been assembled and troops the oppress the people by armed force eiected from representatives were brothers，in order to your fathers and Emperor the needs of the people the to obtain land and liberty．But the elected of the people．He hearkened Dukes，Ministers，Generals，and the did not want to land－owners，who their properties，their emoluments， and their irresponsible emoluments ．a 1 now divided into two parts． －all the one side is the vast majority the poor and educated，and the most enlightenest most cie the soldiers who see the all the martyrs in the officers，and ing many thousands of soldiers sailors．On the other side is a col－ poff，Pobiedonostseff，such as Tre－ ernment officials，the the petty Gov－ and the whole Black Hundreds，and
these roly these rely on your strendreds，and

AUGUST 9, 1906
THE FARMER'S ADVOCATE.
you shoot the people, shed the blood of the people, and transfix the
people's breasts with bayonets? Renember that you are the children of the Russian people.
" Soldiers and sailors, we, the peasants and workingmen, declare to ou that without Parliament the you that without Parliament the it may now issue have no legal obey the illegal Government and actively to oppose it in conjunction
with us and the whole of the poor population. You have taken an ath to defend the fatherland. Stand "Any man who shoots a poople is a criminal, a traitor, and the enemy of the people. We inform
all such, in the name of their fatherall such, in the name of their father-
land that over their names will hang the eternal curse of the people. ". Soldiers and sailors, your sacred duty is to free the Russian people
from the treacherous Government and defend Parliament. ... In this struggle your elected representatives
will be with you. Be brave for the will be with you. Be brave for the
fatherland, for the people, and for fatherland, for the people, and for
land and liberty against the criminal Government.'
It would appear that Russia is on the verge of a great civil war, and
that above the head of the Czar hangs a sword that must mean ruin. And yet, in great Southern Russia famine is working hard against the
people, and to-day not even the people, and to-day not even the
most far-seeing can hazard a conmost far-seeing can hazard a conend of it all will be. The greatest
danger of uprising evidently lies in danger of uprising evidently lies
the North, and at time of going t the North, and at time of going to
press one of the foremost of the revolutionists is reported to have
said "/ Now watch Reval, Riga and said, ", Now watch Reval, Riga and
Libau." Movements in these places Libau. Movements in these place Sveaborg, provided the troops do not turn in
the people.

Plant Trees Along the Roadside. We recommend a careful reading of the succeeding article, contributed by
Mr. John $\mathbb{S}$. Pearce, Parks Superintendent, of London, Ont., to every readers of "The Farmer's Advo
cate." The fact that Mr. Pearce cate. written chiefly in regard to treeplanting in the city, detracts nothing from the value of the article in
its significance to the rural population. His arguments hold as good
for the country road as for the city street.
The beauty of tree-lined roads is everywhere admited, except, pos stbly, by those crassly prosaic mor-
tals who can see no further than the dollar, and so miss the best of life; but the comfort of them has not,
perhaps, been persistently enough
en who live in the City of London can sing the praises of the tree with clear conscience. In
almost any of its residental districts almost any of its residental districts
we can walk, even on the sunniest
noon-tide, in a most grateful shade noon-tide, in a most grateful shade
the ladies seldom feeling under constraint even to put up a parasol,
while it is no uncommon thing to wheet men carrying their hats in their hands. When one considers then nile or two at such a time over
luccession of blazing, unshaded huccession of blazing, unshaded most towns and vilages, the advan-
tage of such "coolth," (as (Kipling
has it) must be apparent. If one imagines what a continuation of it out and out over concessions, and
side-lines and by-paths, spreading side-lines and by-paths, spreading
like a network through counties and Pre a network through counties and
Provinces, might mean, one must feel
as though entertaining a dream of as though entertaining a dream of
Paradise, a dream, too, not so utParadise, a dream, too, not so ut
terly impossible of realization. We heard it remarked not long ago tha reeless village and its vicinity would devote as much enthusiasm each year o the planting of trees as they do
o the construction of flimsy ever the construction of flimsy ever
reen arches for the Twelfth of July
ot an unshaded walk need be left in it an unshaded walk need be left
the village, nor along the approaches
to it. Surely an equal enthusiasm might be universally equal enthusiasm the object of it to be a permanent
benefit and a lasting pleasure, rather than, the mere "painting a town red for a single day. matter has never yet been introduced into the composition to produce tint less trying to the eyes? Even the dead whiteness is with its shade jectionable. In places where there
are no trees along the streets, the
freshed with green at every point. Compare for ore moment the welland boulevards, with the street without a tree or greensward. Who could he find an abode on the latter, There is There is one point here I want to
emphasize, and that is this: If you want a tree, you must plant it, and do it at once. Time, only, will give you trees. Money will build a house or barn; but money will not put
down fine trees in front of your house or along your farm. Time, only,


Typical Street in London, Ont , the Home of The Farmer's Advocate.
annoyance is increased manifold- will do this, after they are wel everywhere the same monotonous,
half-blinding glare, and everywhere too, a scowl of greater or lesser "ferocity" upon the faces of the people. If a change is not speedily
brought about, the great majority of our citizens will have become wrinkled as Bedouins, to say nothing of the injury to the eyesight. A soft grey or restful greenish shade would
surely be much preferable from the standpoint of comfort, and not to be denounced from that of the artistic. We throw out the suggestion with portune one, and in the hope that it may be productive of good results in places where cement sidewalks are till under construction planted. But the best result can only be gained by a regulan and
systematic planting. fects are most marked; and the in creased value of the property adjoining the street avenue or country
roadway will be greatly enhanced, and will repay the outlay. TREE-PLANTING THPLONDON. The Cily of London has been most
fortunate in tree-planting, as far as quantity is concerned, but very unfortunate as to quality and variety
of trees planted. Soft maple preof trees planted. Soft maple pre
dominates on the streets of London to such an extent that there are not to such an extent that there are not
500 trees of any other variety in
the whole city. Another unfortu-


Country Road Bordered wilh Trees.
A weekly walk to the store or post office along such a road as this would be a

Value of Street Trees.
$\qquad$ The value, as well as the good that may be effected by planting
streets and avenues, not omitting the struntry and avenues, not omitting the
coadside, with trees, cannot be estimated. The important part that trees play in the health and
comfort of the people is only partial ly understood. What can be more restiul and refreshing to the tired
limbs and weary eyes than when
nate thing was that they were planted twice too thick. This was all had they been thines were small; and fifteen years, they would arter, say, all right. A thinning out has been going on for three years, under the and over 3,000 trees have been tent, out, but the work is not more than half done. London is well named
of the hills surrounding the city, or better, from the roof of some of the
highest buildings, will give one the highest buildings, will give one the incmense forest, with a few tall build ings and chimneys among the tree About thirty-five years ago an in planting by a number of the enter prising citizens, the city newspapers lending their aid, and the city coun cil agreeing to supply gratis the tree
guards. There was a by-law, also offering a bonus of 25 cents per tree for trees planted on the streets, but this was seldons, if ever, claimed.
There are many objections to the There are many objections to the
soft maple which space will not al sort maple which space will not al observer cannot but notice the supe-
riority of the Nor,way and the sugar riority of the Nor,way and the sugar
maple over the soft. Then, we have maple over the soft. Then, we have the American elm, a noble, stately
tree, and well adapted for street
planting. The above-named three planting. The above-named three
varieties are, in my opinion the varieties are, in my opinion, the best
trees for the city, town or country planting. A very important matter,
when planting, is uniformity on the when planting, is uniformity on the same street, or along the same road-
way. Mixed tree planting in such places never will tproduce the land
scape effect, nor give the scape effect, nor give the impression
that uniformity will lend. Hence the importance of having some on who can and has the authority
supervise and direct this work. Eve when clothed with this authority, he the citizens to foll to London, Ont. JOHN S. PEAROE, Park Supt.

## Some Echoes of a Great Calamity

A few days only before the dises Grous happenings at the Golde Howe Bailey, sent to Everybody' Magazine a series of pencilled sketch es of the streets, magnificent hotel parks and buildings of San Francis oo as it then appeared, the gayes city of the continent, the gatoway to ment of human skin and artistic We are told that everything his pencil found to draw was, tions, and within those few days, wiped out from the face of the earth, In the earthquake or by fire, In the samu magazine, and closely the sketches of the Sages devoted to which then smiled blithely back upon he artist as he limned his pictures, e find what has been described as narrative,' Hopper, the well-known descriptive writer

THE EARTHQUAKE.
Of the earthquake he writes: "" And It started with a city's destruction. age determination that left no doubt of its purpose. It pounced no doubt arth as some sidereal bulldog, with a rattle of hungry eagerness. The earth was a rat, shaken in grinding periods of slight weariness, followed by new bursts of vicious rage Then I heard the roar of bricks coming down in cataracts, and the saw the mass pass across my vision, swift as a shadow. It struck the ittle wooden houses in the alley emptied eggs, and the bricks pass through the roof as through tissue paper. After the vibrations fol-
lowed a great silence ; not lowed a great silence ; not a cry, whisper, until, from the alley below, some one began to groan-a woman's groan, soft and low
called "but the has elsewhere been" called "but the prologue to the of the doomed city. It is thus that language the story giving in vivid quake, introduces that of the even
still greater calamity :which followed - At Tehama SHE FIRE. ginning of the fire which the besweep all the district south was to ket Street. It was swirling up the narrow way with a sound which was humble population. Before it the
of the district as I could see frail its path, as far down like card houses. And this gony. district south of Market Street, but also throughout the city, hundreds were pinned down by the debris,
some to a merciful death, others to live hideous minutes. The flames
swept over them, while the saved looked on impotently. Over the tragedy the fire threw its flaming mantle of hypocrisy, and the full exknown, will remain ever a poignant mystery." baffled by the lack of water (for the mains had burst), went on for three terrible days, the dazed multitude meanwhile escaping along the streets, and stupefied. One poor couple, a blind wife led by a crippled husband, fell as they came wailing refused to be raised, for they had made up their minds to die withou

## The Quiet Hour.

## Common Friendliness.

 Be kindly aflectioned one to anotherwith brotherly love.-Rom.. xil.: 10.
Be ye kind one to another, tender-hearteil.-Eph. iv. 32 another, tender "ived in a house ay the to man, and he of the road." There are hermit souls that live with drawn, In the place of their self-content ; In a fellowless firmament

倍 path
But let mig live by the side of the road,
Let me live in a house by the side of the road,
Where the race
The men who are good, and the men
As good and as bat as
Nour hurl the in the sc
Nor hurl the cynic's ban.
Let me Hive in a house by the side the road,
And be a friend to man."
"Be ye kind," says St. Paul, and the
three little words are very plain and matter-of-fact. Only three syllawles, and yet what a paradise this world would be if everybody obeyed them every day. Are we always kind to the people we live with, careful not to be rude to them or hurt their feelings needlessly? Are
we watching for chances to do little kindnesses to the friends and nelghbors

## about us

Each age of the world has its own peculiar spirit; there are always certain sentiments in the air which seem as inone sentiment which this age is struggling hard to perfect, it is the feeling of tinctions, in spite of those tremendous "strikes", which menerally praduce mos unbrotherly conduct, the spirit of brotherhood is in the air. People are roused to the fact that union is strength,
even those who do not accept the Fatherhood of God as a living reality are ready enough to own the brotherkood
man. This recognition of brotherhood has
sprung from Christianity, though it is
held to-day by men who disown the
> further struggle. It was thus Mr .
Hopper closes his graphic descrip)-
tion: "It was as if I through a dead city; not a walked cently dead, but one overcome by
some cataclysm ages past, some cataclysm ages past, and dug
out its lava. Fragments of wall rose on all sides. Fragments of wall
but solid in thenns, twisted but solid in their warp, as if petri-
fied in the midst of their writhing fied in the midst of their writhing from the fiery ordeal. Across them
a yellow smoke passed slowly Above all a heavy, brooding silence
lay. Contortion of stone, smoke lay. Contortion of stone, smoke of
destruction, and a great silence-that
$\qquad$
a message from mollie In a private letter, our Mollie, who
has been silent too long as a writer us of a day spent at the Golden Gate. She says
cisco.
disaster xperien, had heard all about the pictures, but I was had seen many prepared for the awful scene of deso ruins that the miles and miles of the stricken city eyes as I entered awful. The hall has not been told. in the telling, for, how could the whole truth have been written in
papers which almost in parallel papers which almost in parallel
columns spoke in hopeful prophesy of
a new San Francisco rising out of her ashes, greater, grander, mor
majestic, even, than before? Well majestic, even, than before? Well
she may, but 1 doubt it, at least in our day, for at present she lies dead almost as Pompeii of old. As yet
they have not commenced even to hey have not commenced even to
remove the debris, hardly $a$ fallen brick being lifted, no definite action being resolved upon until the deci-
sion of the several ingurace sion of the several insurance companies
is known. One wonders how, amidst such surroundings, anyone who has gone through such frightful experiences can have the courage to think
of beginning life anew in a of beginning life anew in a place the time, two hundred going on all having been reported since the opening disaster, throwing down totteralarmingly, The only houses left standing fringe the old-time city. During my one day's sojourn I lived like a refugee, taking my tea and
coffee, ham and eggs, in an old wagon made into a tent, with canvas sides and top, a few steps lead-
ing up to a screen door ing up to a screen door, the chef and small, improvised counter. Afterward I spoke to several poor women in the street. every case, bright and cheerful, seemingly too thankful for escaping with their lives and the remnant of their belongings to utter murmur
or complaint."
-






 get to people, the more we know their
difficulties and temptations, and the more interesting we shall find them. When I called this paper "Common
friendliness," it was not because friendlifriendliness," it was not because frienuli
ness was to be found everywhere ness was to be found everywhere, but be
cause it ought to be found everywhere cause it ought to be found everywhere
And let us remember that the little
things things alwas count more than the tid
things in life, because they things in life, because they are so com-
mon-there are so many of them. mon-there are so many of them. A
triend who would sacrifice great things
for for us may cut us to the heart con
tinually with sarcastic or tinually with sarcastic or unkind speeches,
or may hurt us every day by or may hurt us every day by careloss
neglect and forgetfulness. Some people are kind and thoughtful in hundreds o
little ways, little ways, and how " nice " such
people are. Well. we the people are. Well, we can be nice too, it
we steadily practice the habit of considerate kindliness, and conquer any bear-
like grumpy ways,

## " A good-bye kiss is a little thing,

With-bye kiss is a little thing,
Wound on the door to go,
But it takes the vemon out of the
sting
of a thoughtless word or a cruel
That you made an hour ago.
A kiss of greeting is sweet and rare
After the toil of the day,
After the toil of the day,
And it smoothes the furrows plowed by
The care ines on the forehead you once

## In the years that have fown away.

## 




We starve each outher for tove's oarrss, it makes a man feel curious; it makes
 Till tis tis bituer und hurd to tive." You canit took up and meet his eyes:

Irtendy sort of way.
Withe with ithe a curious compound.
With its cares ane and anter its croseses.

## When a man anint yot a cent an' hes






 hor and amomerna Touma on to tought theoe articice would bo teat Comaine wy no means prowed that atio don't cultivate the habbit of real tact and sympathy, we may-with the best intenAnd one thing more, let us look on the bright side
dark side." of
I
life- or ""polish on the ciety called "The Bright-side Club" Most of the members were invalids, and to strict rule was that they were :iever always seem greater if we drag troubles W1 theit where we have a grood view of ways looking smiling. The hatit of alcultivated, and a smile cherrul can be people on both sides of it-the man be-
hind the smile as well as the man in ont of it.
A busy, bonny, kindly place
Is this rough world of ours
For those who lore and ourk, apac
ro kind and just and grateful hearts
The present grace is given
o find a heaven in themselves,
норе.
$s$
an Francisco does have been steadied or sobered by exist hitherto wholly without dr hav resorts. Now 2,000 saloons with been licensed. Some, already with thirsty throngs, long lines drinkers, awaiting their turn, as no long ago they waited for their loaf " Poor women and children, with
no shelter but their canves wind have next to no protection from the drunken men and roughs. Many of themselves with revolvers ald armed against possible attacks from in oxicated marauders. The vanguard ing back; Chinatown will fast driftand the old-time revels in full swing, (. says the writer of this last muot, tion, " than the worst that nature Ranse. retr
still sadder forect, and perhaps may yet come to are bidden not to judge others, we we should be judged ourselves, let lesson taught by One reminder of the upon to utter condemnation simply replied, "He that is with, simply among you, cast a stone at her."

Christ. He is our Brother blood is pulsing in our veins, His h Lanity thrills us through and through.
ust because He is your Brother other. We are brethren and one with tac the greatest kings in the world bow in ter in a despised village. He rules over the poor. We must own this as a ma ter of theory, or else renounce o
Christianity altogether, but the practic ing of it is not such an everyday matter of-course. Those who are in any groa kindly world. Friendly words, spoken written, cheer and comfort them, unt they feel that the trouble was a goo ness unsuspected before be kind and friendly at such times, bu
there are some people who are alway kindly affectioned, with brotherly luve po we not all know and like su
people? Their faces may be rugged, their
English? Ther English may not always be exactly Correct, their table-manners may not bo
according to the latest etiquette, but it is always a pleasure be with them. It does one good simply run in at the back in the street, or run in at having powder for a cake, or hall a loal of bread, or some other littlo They are so genuinely pleased run shor give what is needed that the torrow goes home with the pleasant feeling asked for one. To bevir rather the ${ }^{\text {tionate, one must, as St Paul says, }}$ and a pretence of being pleased to se everyone is not friendliness, and is sel
dom pleasing to anybody. Wo thoughts far more than words, and aie seldom really deceived by mannerismon
Wireless
telegraph - or telepathy-is $n$ Wireless telegraph - or telepathy-is no new thing. Affectation-especially a

AUGUST 9, 1906
Children's Corner.
Cousin Doroihy's Letter Box. Dear Cousin Dorothy, I have been
thinking abuut writing to the Corner for some time. I live on a farn. We have
about one hundred head of stock.
I have about one
a few pets. a do. so, some cats and pigeons.
They are very tame ; they all are kind They are very tame; they all are kind
to each other. My dog likes to follow me all over. I Io not like my cats as
well as the dog.
My pigeons are young. and 1 Ilike them too.
My
grandfather subscribed to " The Farmer's Advocate "over twenty years
agoo, and when he died father kept tit up ago, and when he
We had some over twenty-one years old left in the spring. It was a much dirferent paper from what it is now. It did same size, and was bound like a book

## A New Member

We have 20 ducks, 100 chickens, 30 hens, 16 pigs, 5 horses and colts. Their
names are Bill, Net, Jess, Polly names are Bill, Net, Jess, Polly, Bobs.
I am in the Third Reader. I study geography, grammar, reading, writing,
drawing, history, arithmetic, but $I$ like history the best. We have taken "The
Farmer's Advocate", for five years, and Farmer's Advocate " for five years, and
could not do without it. Now, I will could not do without it. Now, I will
close, wishing the Children's Corner every
success. WILFRID ELIIS (age 10). Dear Cousin Dorothy,-1 have never written to the Children's Corner before.
I always read the letters, and enjoy them very much. Papa has taken "The Farmer's Advocate" for about six years. I
am thirteen years old, and have just finam thirteen years old, and have just fin-
ished writing on the Entrance examinaished writing on the Entrance examina-
tion. I have only one pet, and that is a dog ; I call her Flora. She is a water spaniel. She will do a good
many tricks, such as roll over, die, shake hands, speak, swim, and beg. Well, I must not take up too much room. I will close, wishing the Corner every success.
HILDA McCALLUM. Smith's Falls, Ont.

Dear Cousin Dorothy, - My uncle ha been taking "The Farmer's Advocate" tor a long while. When "The Farmer's Advocate comes in, I always turn to
the Children's Corner. I enjoy reading it very much. I am a little girl, nine years old. I go to school every day,
and I am in the Fourth Reader. I am and I am in the Fourth Re
going to send some riddles.
going to send some riddles.
Why is an angry man like a clock a
59 minutes to one? Ans.- - Because he it just ready to strike one.
Why is Decause he Why is a little dog's tail like the bark
of a tree ? Ans.- Bedause it is the farthest away from the heart.
What is round as an apple, and dee as a cup, and all the king's horses can't pull it up ? Ans.-A well.
Why isn't a lady like a mouse ? Ans.Because one harms the cheese and the other charms it. in
If you were to ride a donkey, wha fruit would you represent? Ans. - A pear.
Why is a stick of candy like a horse
Ans.- Because the faster you lick it the Ans.- Because the faster you lick it the
faster it goes.
NORA CHITTICK.

Riddles.
II have seen quite a number of riddles in I have seen quite a number of riddles in
"The Farmer's Advocate " that the boys
and girls have sent to the Children's Corner. Here are quite a number, as . If twenty-six cents will buy one
pound of butter, what will a cent and a quarter buy? Answer-One pound.
2. Why is an old tooth Hke a town 2. Why is an old tooth like a town
lot? Answer-Part of an acre. 3. If I gaver-Part of an acre. five-cent pieces $t_{0}$ five
boys, what time of day would it be ? Answer-A quarter to five.
4. Why is the letter " $F$ " Hike a cow's 4. Why is the letter "F" like a cow's
tail? Answer-It is the end of beef.
5. Which would you rather that Saguar should kill you or a a woil? Ans.-
I would rather the faguar would kill the I would rather the jaguar would kill the wolf.
6. What is it that is mistress of the
sea, sea, and nothing could take it if they
worked as busy as a bee? AnswerThe Mritish Empire.
7. What is it that cannot walk, yet
 10. Why are hired girls like a needle in pair, you may be quite sure that, barring a haystack? Ans.-They are hard to $\begin{aligned} & \text { pair, you may be quite sure that, barring } \\ & \text { find. } \\ & \text { Fridents, you will see them again ; for }\end{aligned}$
EDWIN R. FOSTER. year to the old haunts, relining the same

Kitty's Nose "Out of Joint.'

The House Wren
When the days aedon-Wren family). spring, you may notice, bustling with great activity about your house or in your garden or orchard, stopping now and then to gurgle over in a very ripple
of melody, or to dart furiously at feathered neighbor which may at some come suspiciously near, a pair of exceedingly vivacious little birds, smaller even than the English sparrow, their diminu-
tive appearance being enhanced by the cive appearance being enhanced by the
fact that when they alight they usually keep their tails erect. In all probablility they are engaged in building close under
ind nest, rebuilding when necessary, and wrens to seek new hoter brood of young else's eaves or in someone's else's gar-

These birds live almost entirely on in sect food, and do away with an almos ing a summer, hence they should be give every protection.

## A Reading Lesson.

th a well-established fact that the a din teacher experiences a grea

## About the House.

Grape Catsup.-Cook 5 Fbs. grapes till soft, drain of juice through a sleve. Add $2 \ddagger$ lbs. sugar, 1 tablespoon each of cinnamon, allspice, cloves sand pepper, tablespoon sal, and a ple rinegar and seal. and seal: matoes. Add some sliced ontons and boil till soft, then put thons a coarse colander, then through a fine one. Put juice back in kettle. Add 1 cup salt, 1 cup sugar, 2 cups vinegar, \& dessertspoon each of ground ginger, mustard, cinnamon, cloves and mace. Add a pinch o cayenne, and boil until it thickens. The cinnamon and
bit of muslin
Apple $\begin{gathered}\text { Catsup.-Pare and } \\ \text { dozen } \\ \text { tart apples; }\end{gathered}$ stew and pres dozen tart apples; stew and prese
through a sieve. To 1 quart, add 1 cup sugar, 1 teaspoon each of pepper, clove and mustard, 2 of cinnamon, and
onions (chopped fine). Mix and ada 1 tablespoon salt, and 1 quart vinegar
Place over fire and boil an hour. Sea whill hot.
Creole Catsup.-Boil ripe tomatoes
enough to yield 1 gal. juioe. Put into a kettle with tablespoon each of ground ginger, oinnamon, allspice and blac
pepper, and 1 tableappoon each of cloves grated horse-radioh ond salt, pinch o cayenne, and 1 pint of vinegar. Boll til
thick, then add 4 bin Bottle when cold and seal.
Cucumber Catsup.-Two dozen cucum bers, ${ }^{2}$ onions, ${ }^{2}$ tablespoons horso cayenne, all grated. Add a dash o Cover with good cold vinegar and seal Plum Catsup.-Cook plums, and when ool put through a sleve. To each b lbs. add 2 lbs. sugar, 1 pint vinegar
and 1 teaspoon each of salt, pepper cinnamon and cloves. Boill 20 minutes cottle and seal.
Barberry Catsup. -Three quarts war
berries,
 and strained through colander. Add pint Vinegar, 1 1b. sugar, $\ddagger$ ounce each
ground cloves and allapice, 2 ouncee celery noed, 1 teaspoon clmnamion, 1 of gipger. Add salt and cayenne to taste,
and a grated nutmeg. Let boil a minuto and a grate
and seal.

Camera Competition 1! ! Occasionally in past years we have
taken advantage of the holiday seataken edvantage of the hollday sea-pleasure-seeking impulses, to sive a camera competition. So Euccessful
have been the results, that we have have been the results, that we have
deternined to give another one this year ; but the conditions will be slightly different. Instead of bits of landscape, etc. we want, this
time, photos showing something of time, photos showing something the merely scenic or artistic. Pictures of historic points, of curious objects in nature, of unique happen-
ings, or those showing unusual light ings, or those showing unusual
effects-all of these will be in order Photos should be at least $4 \times 5$ inches in size. It is not necessary that they be mounted, but they
should be keen and clear in every part ; otherwise it is impossible to secure good reprints.
Photos must be of scenes or objects in Canada, 'and must be sent
by subscribers to "The Farmer's Advocate," although not necessarily taken by them. To subscribers only will the prize-money, etc., bee paid.

[^0]Whe house-for the house wren is nothing
is not friendly-the little nest which enforce the clear pronunciation of
terminal " g " of each present participle.When carefully constructed of twigs and
bay, and thickly lined with feathers, willhay, and thickly lined with feathers, will
form a soft bed for the tiny eggs soon1 be deposited there. The eggs may beanywhere from four to nine in number,
and are usually so fnely speckled withand are usually so fnely speckled with
reddish-brown as to present a uniformlyusset appearance.Upon closer examination you will find
that the birds are brown above and"Robert," said the teacher of one of

$\square$
entence."
amid a series of labored gasps breathed
forth the following :-
." See the horse runnin",
See the horse runnin'
Don't forget the ' g ,
monished the teacher .
"Gee I See the horse runnin'."




 To Koep People Honost,
Domp GiveThem achance to Cheat. MY FREE Scalo Book Tells You How to Save Many a Dollapu

The Ingle Nook.
A Bright Canadian Girl.


Last week our talk was of an English girl who hine won for herself an
enviable place in the realms of science. To-day we ere read to oll tell
you of one of our own Canadian you of one of our own Canadian
girls, whose career has been, so far, girls, whose career hias been, so far,
a continuous upward march, and of whom, as she is till quite young,
much may yet be expected. much may yet be expected.
Years ago, in the grim old Hill Years ago, in the grim old Hill
street school, in the beautiful town streot schoo, in the beautirul town
of f wen Sound, ont., a quiet-loking little girl, with gray-blue eyes and
clear-cut features, might have been clear-cut features, might have been
seen wending her way daily to the seen wending her way daily to the
"Entrance ${ }^{\text {" classs-room on the upper }}$ floor of the old schoolhouse. Never-
theless, quiet though she seemed, this theless, quiet though she seemed, this
little girl would have been especially noticed, for she was much the smallnotice, Ior she was much the small-
est member of the class-so tiny a
tot, in fact, that it was a matter of tot, in fact, that it was a matter of
speculation among the uninitiated as speculation among the uninitiated as
to whether so young a child could
on to whether so pouns a did, and from
"pass. But pass she
that hour "things." were expected or her. From the gaol-like old public
school (which has since school (which has since been remod
elled, by the way) to the fine new Collegiate Institute was, in some respects, a welcome change. True,
there were days of grind and days of there were days of grind and days of
terror to be experienced there (for Who yet stepped into its examina-
tion halls without a thrill of trepition halls without a thrill of trepi-
dation ?, but there were also merry
dirank pranks about the spacious grounds,
and in the shade of the cedars upon
 upward, like a rampart, to the
eastward of them; and instead eastward of them, and instead
of the pebly $\begin{aligned} & \text { reach of of } \\ & \text { barren }\end{aligned}$ of the penby reach on preFin-
schoolyard upon which the prent
trance candidates had disported trance candidates had disported
themselves, there were winding welks themselves, there were winding waths
and clumps of flowers, kept trimly in and clumps of fowers, kept trimly in
order by caretaker colpits, who
lived in the basement.
Poor orld "Coal-pits" " How many were the
jokes perpetrated at his expense by iones perpertated at his expense by
the eada and lasses, many of whor
have lived to form a mrilliant coterie of which Grey County may well be proud, but who still, in whatever
part of the world their talents may part of he world their
have found scope, , ind time occasion-
ally to look back with affectionate regard to the old alma mater.
In 1892, at the age of 16 , Miss Granam was graduated from this in-
stitution, matriculating with honors in Mond Languages Four years
later she was graduated from To later she was graduated from To-
ronto University,
and went immeronto Universty and went imme-
diately yo Mryn Maw College. where
for the year $1896-7$ she held the Fel-
 obtained the teacher's certificate from
the Ontario Normal College, and subthe ontario Norral conege, and sub-
sequently entered upon the carcer as teacher, to which she has since, for
the most part, devoted herself. In 1902 the call came for forty Canadian teachers, who were to be
sent to South Arrica to assist in the

physique, and training in athletics,
Miss Graham was selected at an early date as one of the party, and the
outcome of her two years' soid in the far-away colony was the ing of her hook, a "Canadian
in South Airica," which was in South Africa,", which was pul lished last year, and has met wi
much favorable comment from viewers.
As its name indicates, the book is a comprehensive history, of the experience of the teachers' contingent,
from the setting out from Canada to the return. It is illustrated with about eighty hali-tone engravings, contains much valuable information time in South Africa, and is enlivened by humorous accounts of the many hudicrous incidents inevitable to such Upon her return, Miss Graham went to teach in the High School at Harriston, Ont., but she has recently
been appointed to the Principalship been appointed to the Principalship
of the Girl's High School of Quebec City, a position which will afford her
still hronder still, aroader opportunities, and, we
trust, a very happy and prosperous trust, a very happy and prosperous
experience in that quaintest of Cana-
dion cities

## A Budget on Corn.

The following letters were received in time for the corn season inserted thanks to the contributors:
Canning Corn and beets Dear Dame Durden,-Canned Corn
Cut the corn off the cobs, and pack ". so close th as possible in gems put on the tops: do not screev the doo tightly. Steam or boil for four Canned Corn.-Boil the cobs of corn, then cut the corn off and pack
in a crock, taking three cups of corn and one of salt; mix thoroughly.
Do this until the crock is full pour in cold water to bring the bring treshen top. Cover with a lid. To of corn to be used on the stove in dish with cold water, and let it
come to a boil Che four times, and corn is ready for
Canned Beets.-Boil young beets un til tender, then cut in slices and fill
gems. Add a little salt and penper and a teaspoon of white sugrar, then fill up the gems with hot vinegar and You may hear from me again.
leerth Co.
A SUBSCRIBER
pickling corn
Dear Dame Durden,-May I draw
my chair mo that "Mother of Three ", and tell thave he Like a good many others teli and saying nothing chats my this may be called . Pickling Corn. cups of corn and 1 cup of salt, and Mix in a crock. Mix them in this
,Iroportion until
crock is full a paper over it, and put in cellar until you want to use it. Then take Water twice, then put on to cook in
Cold water, changing the water two nice. THE WIFE OF A FARMED Middlesex Co Ont corn and tomatoes. Dear Triends and Daune Durden,-
I have been a silent reader for some have been a silent reader for some
tinue, but I can keep quiet no longer. mome time ago someone asked for a
receipt for canning corn. My method, which has proven successful, is as Take sweet corn when in the milk, unt from the cob, and scrape the
cob to obtain all the sweetness; then fill tuart cans, putting in a I little at
a time, and pack it very firm, using a small potato masher or a piece of broom handle about 6 inches long. hours can full, and boil for three hours. Put a cloth or board in the
hout om of the boilier, to keep cans
off the bottom

We Save You $\$ 5$ to $\$ 10$ On Your Suit and Make it to Order


We make elegant Suita to order for $\$ 15$, , 18 and \$25. No clothing storeno ordinary tailor-can under $\$ 5$ to $\$ 10$ MORE We buy cloths, linings, tc.., in enormous quant ties. We make hundreds of suits where your local tailor makes one. Of
course it costs us leas o make a suit. Here's the way we rove it. We'll send you samples cloth-tape line-measurement blanksran. W ind order, apen it to Your individual order, expreas if not exactly ea represented-if you don't think it worth Write to-day for samples.
Inral Custom Tnilors : Toronta, Ont.


## Princess <br> Complexion <br> Purifier

is one of our most popular preparations.
Its use makes the complexion beeatifuly
 curing rashes, pimples, blackheads, blotabes
and itohiness of the skin or ccalp. Price
si, 50 , express paid.
Superfluous Hair

 fair rator in trer teatment in affictea. for bookGRAHAM DERMATOLOGICAL INSTITUTE

## Four Years' Progress

 In the Last West.mism max wow Mas max mow ix DISTRICT.
The average yield of gating wheat
throughout the district was sightly verer. =awasex mox The best
Aninerica,

Secretary,
Board of Trade Edmonton, Alberta


Writing Please Mention this oaper
with cold water. Be sure to keep it
boiling for three hours. When done lift boiler off and let cool a littl then put away in a dark, cool place Would someone tell me the secret
in canning tomatoes I can them in canning tomatoes? I can them, I put a never keep well. Last fall
pepper and salt in
I put
them, but that spoils them for making soup. I always put a little sal My cans were sweet and
HASTINGS CO. CONTRIBUTOR
In canning tomatoes, it is not
enough to have the sealers sweet and clean. They must be thoroughly sterilized immediately before the
sealers are filled, to destroy the fersealers are filled, to destroy the fer-
ment and other bacteria which, if left undestroyed, will cause "spoiling." The method of sterilizing has often
been given in these columns. Have been given in these columns. Have
ars very clean, warm thems (to help
o prevent cracking), and twirl in boiling water. Put in sidewise into the boiling water, so that it will
touch inside and outside at the same
time, and so prevent unequal expansion of the glass, and there will be little danger to the jars. The rub-
bers should be adjusted before the bers should be adjusted before the
jars are put in, and the rings and ars are put in, and the rings and
tops should also be put in the boil-
ing water ing water. Fill the jars, put on the
lids loosely, set on a wooden rack in a boiler and surround with warm
water. Cover the boiler, bring to
woing water. Cover the boiler, bring to
boiling point, and boil ten, minutes,
You may stew the tomatoes before You may stew the tomatoes before
putting in, or you may peel small putting in, or you may peel small
tomatoes and put in whole, then fill he jars with cold water. In th
latter case the sealers must have bee permitted to cool after sterilizing and the surrounding water in boiler
must be cold. If you put cold water in hot jars, or vice versa, you see, When boiled, fill each jar to overflow ing from one kept for the purpose,
put a teaspoonful of salt on top of put a teaspoonful of salt on top of
each, and seal while very hot. When cool, owing to contraction of the
glass (which was expanded while glass (which was expanded while heated) the rings may be found a
little loose. If so, give an extra little loose. If so, give an extra
twist, and put away in a cool, dark place.

Welcome to Nora Creina Again. Dear Dame Durden,-I thought Doar Dame Durden, -1 thought making raisin pie. I take about 2 cups of raisins, stone them, and soak over night; this makes them very
soft, and more digestible. In the morning I stone them well in enough water to cover them well, and when
they are cooked, thicken with they are cooked, thicken with a little cornstarch, adding sugar and
spices to taste. This is enough for I would like to have Margaret Guthrie's hint regarding keeping
linoleum fresh. I very much prefer linoleum or oilcloth to carpets on our floors, so much cleaner, and, consequently, healthier; and then, when house-cleaning comes, see how
it lightens labor--no dusty carpets Iightens labor-no dusty carpets
o take up and drag with, one of the most objectionable jobs about my advice, sisters, and put down One more question and I am done. Can any of the Chatters tell me why
my lard does not kron? it in March, and put away a couple
of large crocks for use this summer The one $I$ opened this week, instead of being white and solid, has turned
rather a dirty white, and had little rather a dirty white, and had little
green spots of mould on it, but has reen spots of mould on it, but has
ot any disagreeable smell or taste. Do you think it would be a good
idea to melt it over again? I must valuable space. I enjoyed a hearty laugh over your camera experience,
Dame Durden, the experience enjoyed Thanking you in advance, I remain
NORA CREINA. You ought to see the pictures I can
take now, Nora! I don't overex-

Information Wanted. Dear Dame Durden,-Will you kindly ask the members of our Ingle Nook if any of them have had any lengthy experience with a tin-line
steel pot, for cooking purposes ? It is nice and light, but I am afraid that the tin will rust or go in holes after a time. My husband brough
one home on trial, but I should one home on trial, but I should, like
to hear from some one who has used one. Kindly oblige, MAYFLOWER.

## Some Day.

Some day: So many tearful eyes
Are watching for thy dawning Are watching for thy dawning ligh Are weary of the night !
So many failing prayers that reel And stagger upwand through the storm
And yearning hands that reach and And yearining hands that reach and fee
No pressure true So many hearts whose crimson wine
Is wasted to a purpe strain,
$\qquad$
Upon the lips of Pain!
Oh, come to them-these weary ones
Or if thou still Make stronger yet the hope that runs
Before thy And haste and find them where the Let summer winds blow down that And all they long for, soon or late, Bring round to them, Some day.
-James Whitcomb Riley

## Digestibility of Foods.

 in hours and minutes required by the human stomach to digest the differentApples, hard, sour, raw
Green corn, boilled
Beefsteak, broiled
Bread, wheat, freen
Corn bread
Cabbbage, boiled
Oabbage, raw
Custard, baked
Tame duck, roasted
Eggs, fresh, roasted
Egs, sot-bolied
Eggs, hand-bote
Eggs, hard-bol
Fresh lamb, bro
Milk, boiled ..
Milk, boiled
Milk, raw.
Oysters, raw
Pork, fat and lean, roasted
Pork, steak, broiled
Roasted potatoes
Roasted potatoes
Boiled potatoes
Fresh veal, boilled
Fresh veal, voll, fried
Tripe, bolled
Tripe, holled ...
Pigs'
Freesh salmon boiled

## Our Policy

Progressive improvement. This, coupled with the unstinted use of
MOIEY, TIME, BRAIIS
and eighteen years' practical experience, has made

The Gold Medal Shatoded:Nansiry orean
an instrument to be proud of.

For catalogue write
The Sherlock-Manning Organ Co. LONDON, CENIDA

WANTED:

 mention improvemente Adaress:

O. MeKenzie \& Co., Lonion, Oint.

IB OOMAN'S BEST FRI要P


 The Sweet Young woman.-A young minister, exchanging pulpits with one of wis conducted to the church by late, dent minister's fair daughter The young woman was known by the neme of Grace. All aglow with excitement. the young minister rushed up the aile and gave out the following for the opening hymn :-
That saved a wretch aweet the sound If once was lost, but now me ! $\begin{aligned} & \text { nound ; } \\ & \text { Was blind, but }\end{aligned}$ Was blind, but now I see
Through many dangers, tolls, and snares, I have already come
Tis Grace has brought
And Grace will lead me home
That was" humorous to everyone in the

## 1260



$$
\begin{aligned}
& \text { you may be old and gray, } \\
& \text { By the sell-same stretch }
\end{aligned}
$$

$$
\begin{aligned}
& \text { you may be old and gray, } \\
& \text { By the selh-same stretch of mercy they'll } \\
& \text { be shooting me some dav. }
\end{aligned}
$$

## Man's Friend, the Dog.

 Edward Hanavan, one of the bestknown miners and prospectors in County, had a remarkable escape from
death in a snowslide which came dom recently, says the Denver Repubican. Ho
owes his life to his dog Sendy Hanavan was climbing out
the mountain above the Mineral Fern mine, when he was suddenly caught by a feet behind, barely escaped the avalanche The faithuut anine jumped into the gulch and began pawing and scraping where the toe of one of Hanavan's boots barely
showed above the snow. Within ten min stes the dog reacheod his mithin ten min mer's head
und
Hanavan was practically unconscious
rom lack of air, but soon revived and from lack of air, but soon revived and
managed to dig out of what threatened to prove his snowy tomb. is played as forlows: the Japanese well-known proverbs are selecied,
each divide each divided into two parts, and
each part printed on a separate card. The host of the evening has the
hundred first halves, which he reads aloud, one by one ; the hundred second halves are dealt to the other
players, who place their hands face mat of rice straw on which they sit. hrows it out, or if he sees it unnoticed among his neighbor's cards, sighted and keen-witted are con
stantly seizing the cards of their leads to much laughter and many
good-natured sarcasms.- [Onward.


Billy and I.
 ou're a poor old horse, old Billy, and But you'veren't worth much, it is true, and $\mathrm{I}^{\prime} \mathrm{l}$ see you safely through.
Shoot old Billy? I guess not, thoug

$$
\begin{aligned}
& \text { be shooting me some day } \\
& \text { haven't much love for the fell }
\end{aligned}
$$ the western slope of Mount Hayden to the, gulch. His dog, following fifty and began licking his fatec.

Hanavan was practically

A Favorite Japanese Game. upward upon the "tatami," or thick As the first half of any proverb is
read, the holder of the second half seizes it and gives him one of his out " wins. It is a very simple ment to the players, for the quick-
sighted and keen-witted duller and slower neighbor, and this

haven't much love for the fellows who
they had more pity for
dogs, they'd have more loves and
y tell us that horses have no soul and they all declare it is true ; shows how little they know, ol Boy, and it proves they don't know
you; ell, you;
quite beyond my ken- question, and the more I know of horses like you
ve been a good horse, Old Fellow,
steady and brave and true have given us faithful ser vel that a horse could do ;
ve earned your keep; you shall have it; so live as long as you can-
iustice is justice, and right is right justice is justice, and right is right
whether it's a horse or a man.

## Food for the Cat

It is a common thing to hear women
say that they cannot keep growing plant say that they cannot keep growing plants
of any kind in their rooms the cat, who persists in nibbling and bit ing the leaves and onew buds as they
make their appearance, sometimes destroy make their appearance, sometimes destroy-
ing in the course of a few weeks some avorite or rare fern or flower.
The reason for this seeming vandalism is perfectly plain, or ought to be. The cat requires green food, if it is to be kept
healthy and happy, and takes the shortest road to getting it. In sumuner, following this need of its
system, a cat will eat grass freely. In winter, or in the city, when this supply suggests that the cut off, common sense
se artificially provided with it.
For its own
latificially pro For its own sake, as well as for the
safely of the Boston fern and the rubber plant, why not plant a cigar box of soil with some quick-growing thing, like oats or sorrel, and let the cat help itself?
It will soon realize the clad fact that the plants are meant for it, as proct that the fact that indulgence brings no after math of slaps or seefldings.
As one crop fails sow it up till mother carth provides a mo hiberal supply of her own, and your mo

All Contraltos Dark.


THE FARMER'S ADVOCATE

$\qquad$
$\qquad$

ethless coin: true kold it paid him in its best, and was not to blame that

Her way in life led through a garden Bravely could I pass them by," she aid. " did they whass them by,", she
ovingly ".

In the light flashed from the scythe of

## 30 PERCHERONS

## Shires, Hackneys and Clydes and 12 Percheron Mares 3, 2 and 1 yoar old





Hamilton \& Hawthorne, Simcoe, Ont.

## NS

lydes
$\qquad$
at
oit io vir




then blurted
might have
he profossor
o have beon
h hour, and
his wras
ou indors
went home


amethin

QUESTIONS AND ANSWERS.



 urpent
be encoserinary
Mis cellianeo us.

UREEY WITH SORE FBET
Curkey hen has sore feet. Trouble be-
with a warty substance. She is gan with a warty substance. She is
now very lame, and one of her toes has $\begin{aligned} & \text { now very }{ }^{\text {l }} \text { lame, and one of her toes has } \\ & \text { fallen off. } \\ & \text { tagious? }\end{aligned} \begin{array}{ll}\text { Please prescribe. } \\ \text { Is } \\ \text { it con- } \\ \text { E. B. }\end{array}$
tagious ?
Ans.-I do not know. She may have
suffered an accident. Thoroughly cleanse suffered an accident. Thoroughly cleanse
and use an antiseptic.
$\begin{array}{ll}\text { It } & \text { should not } \\ \text { be contagious. } & \text { F. C. E. }\end{array}$

OWNERSHIP OF FENCE. A sold half of his farm to B, and there
is a fence, where the new line fence is to be, right through. Now, does that fence
belong half to each, as nothing was said in deal, or can A take half away an
make B build his half through ? Ans.-The fence must be allowed to re-
main where it is. A is not entitled to an option to purchase. Four years aga, A obtained an op-
tion or promise of sale from B on his tion or promise of sale from B on his
property, no time stipulated for expiry,
and no money deposited. Can B reclaim his property now, minus the option; and, if not, can said option hold good for-
ever, or for what length of time? N. S.
Ans.-We do not think A's option can
be considered binding on B at this late be considered binding on
date.
KEEPING BEES
I have an apiary (80 colonies) just
across the road from an evaporator Where thousands of my bees are buried
in the apple peelings that are thrown out. They crawl in, sucking the juice,
and basketfuls are dumped on them.
also think this juice causes dysentery in also think this juice causes dysentery in
winter and kills them. Can 1 ounpel
them to build a them to build a small shed to put them
in If so, how shall I proceed? Ans.-We think not. It is rather
matter for mutual arrangement. Whey with $\underset{\text { MEAL Fow for }}{\text { FOTTENING }}$ Has anyone tried fattening chickens by
mixing the meal with whey instead of
milk? If so, what are the results? How does whey compare with skim milk milk
as to results? Ans.-Yes; Prof. W. R. Graham, O. A.
C. Guelp, has matde some experiments
with whey in place of mill for feeding
chickens with whey in place of milk for feeding
chickens. Write him for his bulletin
dealing with his experiments. FAIR Board meetings.


THE FARMER'S ADVOCATE. would first show its effects by lessening,
and, finally, stopping the water flow at
the house and, finally, stopping the water flow at
the house. The speedy action in this
case indicates a considerable air leakage at the upper ston-cock, or in the pipe
along the upper part of the bend. The along the upper part of the bend. The
only remedy is to make the parts per-
fectly air-tight.
J. B. REYNOLDS.

## CROSSING BREEDS OF FOWL

fowl hor the last fifteen years, but las
year 1 crossed them with White Wyan
and all had rose combs. $\begin{aligned} & \text { So } 1 \text { got an- } \\ & \text { onther White Wyandotte cockerel this year, }\end{aligned}$ other White Wyandotte cockerel this year
and my chickens are both single and rose combed, and all colors. Please stat
the cause of this mix-up?
2. I had a nice flock of turkeys which
did well till about four or five weexs old then some got dumpy and stand aroun
with drooped wings and eyes closed for about three days, and others only a few hours, and then die. On opening one we
found its liver very badly enlarged and covered with bright yellow spots, probably as large as five-cent pieces. I feed
them principally on corn meal and Dr Hess Panacea, also lots of pepper and
some onion tops. please state the some onion thop this way, and the curs for them, if any.
Ans.--Replying to the question re cross
ing of breeds, would say that the result is quite natural. The Wyandottes are a another breed will revert to the origina colors. In the frrst cross made the
White Leghorn blood has been strong and for that reason probably shrong was retained, although it is somewhat unusual to have all the birds from such
a cross with rose combs. In the second a cross with rose combs. In the second
cross, you have practically threequarters cross, you have practically threequarter
Wyandotte blood, and it is not at all surprising that you got a mixture of colors. Pure-bred Wyandottes fredquently
throw single combs, so that when crossed with Leghorns we would expect a greater percentage of single combs. Wyandottes crossed with Plymouth Rocks frezuently throw black chickens, even when crossed
with White Rocks. The White Wyan-
Reser dotte is supposed to be a sport from the Silver-laced, and the silver-laced is bred sequently, we would expect more or less of the colors worn by the above breeds
to the shown in the crosses. to be shown in the crosses.
Replying to your second question, Replying to your second question,
would say I am inclined to believe that the turkeys are affected with tlack head. There is a slight chance that it might be
tuberculosis, but thls is wery doubtful. Considering that black head is quite common, and that the liver is alfiected, as
mentioned in your letter, I think you would be safe to say that the birds are ffected wis tar as I binds that are not affected will be best kept in health by roaming over ground much, and by feeding the birds from a clean trough, or where there is no chance of them feeding on ground where affected turkeys have been. It would be well to kill and burn any turkeys that show any
indioation of the disease.

## re Cream separator.

Can you kindly give me percentage
loss of butter-fat when separating maximum efficiency temperature, 60 degrees Fahr., and also 40 degrees Fahr.
My barn registers an even, steady temperature of 40 degrees Fahr. during
winter. winter.
separated immediately after milking is that the separator bowl has been warmed in winter by first running a quart or mencing to separate the milk, then there should not be over one space (one-tenth
of one per cent. fat) in the double-neck skim-milk Babcock bottle when testing the skim milk. If milk is allowed to separating, the loss will be wreater than the foregoing. In this case, it would
pay to warm the milk to 90 degrees pay to warm the milk to 90 degrees to
100 degrees F. before separating. Quite often there will he less than one space of fat in the double-neck Babcock bottle
when testing skim milk but if ane testing skim milk, but if an averuge sample from the whole run does not
exceed one space, it is considered that he machine is doing good work.
O. A. C., Guelph.
H. H. DEAN.


Adivituinill will inatod nador hid ATM Anind

















QUESTIONS AND ANSWERS. Miscellaneous.
STBAM PLIOW FOR WEST.
am thinking of buying a steam plow Intit to take to the Northwest (one ot . Do you think t
Do you think this would be a profita. What work
. What working should the umbroten . What the first summer ?
hir change per acre; that is, if there is clearing to be done? SUB. Ans.-1. After, going out there and ter idea of just what is wanted a bet ess you have had some experience in running such an outfit, we do not think would pay you very well, unless you an probably engine for other work. You where the special needs of the country are catered to.
2. First year's work on the prairie consists of "breaking " two or three nches deep in May, June or first part of duly, then "backsetting," say four or tive inches deep, in July and August, up times "/ breaking ") is the fall. Some inches deap, in is done four or ave with the disk untll the ortivater but the former plan the is destroyed 3. About 83,50 s more satisfactory and from $\$ 2.50$ to $\$ 3.00$ for backset-

In the death of Mr. Wm. Dawson of Vittoria, Norfolk County, Ontario, which occurred July 13th, last, a repre-
sentative Canadian farmer, a successful reeder of Shorthorn cattle, and a pubthe scene of human activities. son was for many years a a meinber. of the Council of the Ontario Agriculture and service in furthering the interest of agri-
culture in the

## The Down Draft Furnace

 makes Heating easy

It is the new idea in furnace construction that does it.

The Down Draft Principle.
By this principle the air is brought down a pipe through the eighe inches of the coal. The fire burns from the top, and owing to the pressure all gases and soot are burned, and it does not permit the heat to be sent up the chimney, as is the case with other furnaces.
Every particle of heat is exracted from the fuel.
Heavy Corrugated Cast-Iron Dome, which doubles its heating capacity and durability.
urning Soft Coal, which it for burning Soft Coal, which it does furnace will do this. The other saving devices of this furnace will essen your fuel bill 15 to $30 \%$ Do you recognize what a saving this is?
It costs no more to have it than ny other. Write for Catalogue and information.
The Down Draft Furnace Co,
galt, ont., canalma.

## cossip.

The Glenhodson Company, Myrtle Station, Ont., order a change in their ad-
vertisement of Yorkshire pigs, and write: vertisement of Yorkshire pigs, and write: row in August and Sep:ember, but
some very nice ones being bred now, also a lot of nice ones being bred now, als
soung pigs from four to six monthe old.'
$\$ 85,000$ FOR LIVE STOCK The amounts given in premiums at the
Canadian National Exhibition, Toronto, August 27th to September 7th, for live stock, figure up to a total in excoss o
$\$ 35,000$, of which $\$ 12,000$ is dexoted to horses, $\$ 8,000$ to cattle, $\$ 3,000$ t sheep, $\$ 2,500$ to pigs, $\$ 3,000$ to poul-
try and pet stock, and $\$ 4,000$ to dogs The dairy breeds of cattle will to judgsed Friday and Saturday of the first week.
The beef breeds, horses, sheep and hogs, The beef breeds, horses, sheep and hogs,
Monday of second week and following

Mr. Cochrane's shorthorn sale grounds, at Sherbrooke, Quebec, week grounds, at Sherbrooke, Quebec, week o
the fair, Mr. James A. Cochrane, of
compton. Quebec. will sill compton, Quebec., will sell a auction his entire $\begin{gathered}\text { Hillihurs } \\ \text { herd of high - class }\end{gathered}$ Shorthorn cattle ha advertised in this paper. There are 34 cows and heifers, and nine bulls and bull calves in the herd. A number o others are bred from imported stock. Most of them are well-known Scotch Camilies, and some are of standand English families of good milking strains. It buyers' favor at this sale, as the cattle, with few exceptions, are on pasture and
in the best breeding condition-not forced or pampered-and as this part of the country is given over almost wholly to dairyling, prices will doubtless be low.
All are registered in Dominion Herdbook; All are registere and nearly all entered in Amertcan Herdbook, and will be tested before the salo so that there need be no delay in shipping anywhere. U. S. .
sul's certificates can be obtained at sul's cortificates can be obtained at
Sherbrooke, and export cortifoates and Sherbrooke, and export hand. Parties
other papers will be on han
attending the Toronto Exhibition can attending the Toronto Exhibition can leave there Thursday everntng in good
at Sherbrooke next morne
time for the sale. for the " time forsip" regarding this stock in next week's Farmer's

Mr. T. H. Medcraft, senior member of Che firm of T. H. Medcraft \& Sons,
Sparta, Ont., recently landed at Quebed with a carload of Shropshire sheep se
lected from leading flocks in Britain Mected from leading flocks in Britain.
Messrs. Medcraft \& Sons claim the date
October 16th October 16th for an auction sale of
Shorthorns and Shropshires Shorthorns and Shropshires, of which
fuller particulars may be looked for in these columns later.

Volume 65 of the American Shorthorn
Herdbook has been received thanks to the courtesy of the secretary and editor, Mr. John W. Groves, Chicy-
go, II. The volume contains the pedigo, Ill. The volume contains the pedi-
grees of 5,206 bulls and quite as many or more of semales, showing a remark-
able increase in the breed in America, as volume 64, issued in October, 1905, contained over 5,000 pedigrees of bulls and
as many or more of cows.

The following statement in a British exchange gives some idea of the volume
of the export trade of meats and meatproducing animals from this continent to the tight little island and of the comthat market: Thirteen steamers have,
then
Thith
The daring the past week, landed cattle,
sheep, sheep carcasses, and fresh beef a Liverpool from the various North and
South American and colonial ports The total Amporican and colonial ports. The
tots for the week amount 7.753 cattle, 1,142 shweep, 37,320 sheop
carcasses, and 32,969 qr. of beef, these arcasses, and 32,969 qr. of beef, these
figures, in comparison with those for the
receding week, showing incen increases 2.521 cattle, 469 sheep, 1,784 sheep car asses, and 12,518
sale dates claimed. Aug. 29th.-J. G. Clark, Ottawa
shires, Clydesdales end Yorkshires Sept. 7th.-J. A. Cochrane, Co
Que., at Sherbrooke, Shorthorns. October 12 th.-Scottish Shorthorns, Inverness, Macdonald, Fraser \& Co
Perth. Sparta, Ont., Shorthorns and Shrop October 17th.-Capt. T. E. Robson, II
derton, Ont., Shorthorns. Octoter 18th orthorns.
October 18th.-H.
Ont., Shorthorns.

## GOSSIP.

MERCER'S CLYDESDALES AND Mr. T. Mercer, of Markdale, Ont., o
Owen Sound branch well-known importer and breeder of Clydesdale horses, Shorthorn cattle,
Shropshire sheep and Yorkshire hogs, Shropshire sheep and Yorkshire hogs,
whose splendidy-equipped 300 acre stock
farm lies ebout Whose splendidly-equipped 300-acre stock
farm lies about one and a hale miles east
of Markdale station, has just arrived $\begin{array}{lll}\begin{array}{l}\text { of Markdale } \\ \text { home }\end{array} & \begin{array}{l}\text { Station, has just arrived } \\ \text { from }\end{array} & \text { Scotland with an extra }\end{array}$ home from Scotland with an extra
choice lot of Clydesdatio stallions and
fillies and Hackney stallions fillies and Hackney stallions. Judging
by the high-class importation made by Mr. Mercer a y year ago, that won so
many premiums at Toronto, and that many premiums at Toronto, and that
won practically every thing offer,sd for im-
ported Clydesdales at the ported Clydesdales at the Dominion Ex
hibition, New Westminster, B. C., the
public will ne mell public will not be surprised to learn that
in this lot Mr. Mercer has excelled all his previous importations. They carry
Scotland's richest blood, combine size and quality to a marked degree, stand
on the best possible quality and ankles, are stylish, flashy movers; in short, are just the kind that this country wants. Knight of Glamis, the
great son of Mercutio, and grandson of great son of Mercutio, and grandson of
the invincible Hiawatha, is still in the stud, and after making an exceptionally heavy season, is in prime condition. He
is a fixture on the forme is a fixture on the farm, and is not for
sale, being the only one reserved. King Crawford, a brown elght-year-old, got by Prince of Carruchan, has to his credit
first prize as a one-, two- and three-year-old, stands 17 hands high, in con-
dition, weighs 2,200 Its., and with it all is choke-full of style and quality, and moves
Castle
like a
is achine
brown Caste is a brown three-year-old,
by Sir Hugo, dam by Prince of Kyle, is
one of the smooth stylioh kind full quality, and a a winner sure; one of the
best all-around three-yearbest all-around three-year-olds we have
seen for many a day. Pride of Boother
is seen for many a day, Pride of Boother
is a bay too-year-old, by Lord Graham,
dam by Prince Edwand, an extra large colt with very heavy bone of A1 quality,
will make a $2,200-\mathrm{lb}$. horse, and hin make a $2,200-\mathrm{lb}$. horse, and has
heaps of style and quality, and moves
straight and clean. Pride of Drumberl a brown two-year-old, got by Baron of
Buohlyvie, dam by-Montrave Mand Buohlyvie, dam by-Montrave Mac, is a
very sweet-turned colt, smooth and even
stands on tideal very sweet-turned colt, smooth and even,
stands on ideal underpinning, and will
certainly win his spurs this fall. Still another is a brown four-year-old, by
Pride of Blacon, a big, well-put, by her combining size and wualitity, a hrand
stock horse. Abendour is a bay three-year-old, one of the thick, smooth ones,
a stylish cart horse with pinning. Among the fillies, the bay
threeyear pinneeg. Among the fillies, the bay
Kyle, dam by Miss Kyle, by King of Kyle, dam by Scottish standard, struck
us as being just about sight us as being just about right. She won
third at Dumfries as a two-year-old, ha size and quality, and is a grand mover
She was served in Salat She was served in Scotland. Tin
Grant, three years old, by Labori, dan by Lord Erskine, has won at a a number
of Old Country shows, is cal $\begin{aligned} & \text { ning again, and was bred to Knight of } \\ & \text { Glamis. } \\ & \text { Lady } \\ & \text { Rozelle, a bay three- }\end{aligned}$ year-old, by Rozelle, dam by Prince of
Ralmanno, is an old Country wind big, flashy mare on model legs, was
served in Scotland, and it Blossom of Stralloch, bay, two years
old, by Dunmure Castle
Fret Frskine, is bred to Knight of Glamis.
Rosy of Newmains, by Prince of Balmanno, dam by Prince
of Johnstone, is also bred to Knoreld
$\qquad$ of something extra. Lassie Jean, a Ca-
nadian-bred yearling, by Fidelity nadian-bred yearling, by Fidelity (imp.),
by Imp. Horn Beam, grandam by Imp.
Lord Derby, is a show filly all over-a cracker. All these fillies have grand un-
derpinning, Mr. Mercer puting great
stress on ankle and foot and bone. In Hackneys is the bay four-year-old Kate Castleton, one of my most promis
Diamond City, by the ine of winners, ing heifers. She
Preciond Ste Dhamond City, by the sire of winners, ing heifers. She gave 48ई lts. in a
Precious Stone. by He World's greatest day, and averaged 45 lbs. daily for 30
Hackney sire, Rosato, dam Lady Alice, day day, calving at twenty-six months old." Nil Desperandum, a son of the great
Lord Derby Diamond City stands 16
ands 2 inches hien with




ordinary quality-the kind that draws
the eye and wins the red. Any of these horses and fillies are for sale at tiving prices. Look them up at Toronto Ex-
hibition. Another consignment of hibition. Another consignment of fillies
is now on the way out.

Mr. G. W. Clemons, St. George, Ont.
reports trade in Holstein cetre brisk the past season, and writes: " $\mathrm{M}_{\mathrm{y}}$ advertisement in 'The Farmer's Advocate' has been responsible for several
good sales, among which are the followgood sales, among which are the follow-
ing : To Mr. C. A. Kincaid, Kingston Ont., a fine bull calf, a prizewinner at
Toronto last year, sired by my stock
 Kol 2nd's Paul De Kol No son of De brother of May Hartog Pauline De Kol
who made an omcial seven-day record ol 29 lbs. 4 ozs. of butter as a four-yearQueen, the Mercedes. Teake, were two of the best
cows of the breed I tever cows of the breed I Bver saw. Both wert Winnipeg. Dam of Mr. Kincaid's a chase was Princess Pledge De Kol, wh won first at the Pan-American as a year
ling. Running with the herd ling. Running with the herd last sea-
son, she gave 14,000 lbs. milk in months as a five-year-old. Telfer Bros, of Ingersoll, selected a bull of remark-
able dairy quality, able dairy quality, a business-bred bulk-
to head a tusiness herd. His sire was to head a tusiness herd. His sire was
Sir Mercedes Teake, and his dam Helen Modjeska, who gave 45t lbs. milk in one day as a two-year-old. Her dam, Daisy
B. De Kol, had an offcial seven-day but ter record, of 19 lbs. 2 ozs. Her gran dam gave 62 lbs. milk in one day, 420
lbs. In seven das. lbs. in seven days, 1,790 lbs. in thirty
days, and 11,913 lbs. in nine mothe days, and $11,913 \mathrm{lbs}$. in nine months,
finishing this remarkable record before finishing this remarkable record before
she was three years old. J. B. Arnold Easton's Corners, took Romeo Teake, a
son of Sir Mercedes Teake and Julia Arthur, a fine show cow, who won, American as a calf, and first at Toronto as a three-year-old. She gave, as a
three-year-old, in August, 50 lbs. dailly on grass alone. Mr. R. W. Willis, Jr.,
Almer, Ont., bought De Kol, a son of Sir Mercedes Typake,
and from Queen De Kol 5th, a meent and from Queen De Kol 5th, a member
of my famous Queen De Kol family Thos. L. Smith, Dorval, Que., got a son of Sir Mercedes Teake, dam Maxine
 Chas. Sifton, Cairngorm, bought Jock Count Mink son of my old show bull,
Josephine
 Lady Colanthamous De Koiry-test winner, Mr. Neil Sang-
ter, Ormstown ster, Ormstown, Que., secured, to head
his herd of pure-breds, the splendid calf
Infere nferno, which should make a show bull, Count of Maple Hill being, his sire, Count Mink Mercedes and a son of boer 3rd, whose official seven-day butter
fecord is nearly 17 lbs. Old. A representative of 'the Farmer's Advocate, 'who recently visited my herd,
pronounced her the handsomest cow the breed he had ever seen. Her full
sister, Kaatje De Boer 2nd, has an offlcial seven-day butter record of an ofli- 25 lbs.
2 ozs. Inferno's dam ozs. Inferno's dam, Queen De Kol 2nd,
gave 74 lbs. of milk in one day on grass
alone, two gave alone, two mor milkings in one day on grass
riven 55 daily, and thas given 55 1bs. in a day, nine months
after calving, and due to calve in three
months She sweepstakes prize the Prince of Wales' sweepstakes prize at the Provincial Dair
Show, at Brantford, in 1897, for heifel
under 36 mather under 36 months, and made an official lest at two years of age of 10 libl lbs.
butter in seven days, one hundred and
twenty twenty days after calving. Mr. Jame hull, a son of Sir Mercedes Teake, and in evidence in wheat sown early last fall

Health the Prize Most Sought For AND to thousands of weak RESTORED by


Benson \& Houlton, Calgary, Alta,


Rell's
Feed Catters $\underset{\substack{\text { Cut } \\ \text { Clean }}}{ }$ Clean
as
a Razor
and
and and
Hold
Heir their Bell's Cutters are all fitted with Ih Marshe
Concave Knife. That means quick, easy work.
 Write fot illustraied catalogue of Bell
Farmint Inmplements. Frree. B. BELL \& SON, Limited - ST. GEORGE, Ont. АТТЕЕТTOM ! POULTPYME
 hirds for sale. Address: is houlton, great malvern, england, S. HOULTON, CALGARY

Adrurtisa in thra Adroceto

## THE FARMER'S ADVOCATE.

1263

A Visit of Condolence.

Id garden in which vegetables hac taken the place of flowers-thoug here and there a decrepit crepe myrtle
or rose, a dim trace of walk or or rose, a dim trace of walk or par-
terre, testified of the higher estat from which it had fallen-suddenly
descried upon the long red ribon descried upon the long red ribbon o
road which stretched away into the still distance a moving speck, and a pale flicker of excitement kindled up-
on her wan face. A little wasted
figure in figure, in a scant black calico dress,
carefully pinned up around her waist carefuly pinned up around her waist
she stood absorbed in speculation the blank, many-paned windows upon her.
" 1 don't reckon it could be any "1 don't reckon it could be any
body coming here," she said. "' Th
Clarkes have been, and the Warren and the Fords and the Wilburs an the Robinsons and everybody: But some of them may be coming back
With childish intensity she watch the approach of the object of her ./ They may turn off the road at " "hacksmith's shop," she said. with thrilling excitement. Catchin up her basket of peas, she hurrien with it to the open window of the
old brick kitchen.
/ Have these for dinner Aunt Dil ". Have these for dinner, Aunt Dil
sey," she said. ." Have all of them sey, she said. "Have all of them,
boiled with a little bacon. An Clydesdales \& Hackneys




THOS. MERCER, Markdale, Ont.
GRAHAM BROS. "CaImbnogle," CLAREMONT,

HACKIEYS and CLYOESOALES
 in Canada, and United States. Best of stook alway on hand for sale. Now importation of Royal winner
just arrived.

Graham \& Renfrew's OLYDESDALES and HAOKNEYS
Our Clydos now on hand are all prizewinnerg, thote breeding ty the
 GRAHAM \& RENFREW, BEDFORD PARK, ONT.

42 Imp. Clydestala Fillies and One Stallion


Geo. A. Brodie, Bethesda P. O., Stoufiville Sta.
DUNROBIN CLYDESDALES.



R. E. GUNN, BEAVERTON P, O. AND STATION,

TO SECURETHE BEST RESULTS Place an id, in the Fermor's Adrocetit

## THE DISPERSION AUCTION SALE <br> Hillhurst Shorthorn Herd

Friday, September 7th, 1906, AT ONE P. M.
ON THE EXHIBITION GROUNDS, SHERBROOKE, $P$. $Q_{0}$ WEEK OF FAIR
34 Cows and Helfers, 9 Bulls and Bull Calves.
Straight Scotoh and Sooteh-topped. Imported Mnviligh and Canadian milling
Jas. A. Cochrane, Compton, P. Q. Capt. T. E. Robson, Auctioneer

## My New Impontation of



1hays change tell den. An' bie des boun Miss Mattie upon the time-stained
stone steps awaited stone steps awated the approach of
the spring wagon which had turned
into the gaunt locust avenue before . I don't know who it could be.'
she said, half aloud. ". It lorks like
it A pretty, plump, blonde woman, in ose-laden hat, alighted briskly inch
her incongruous vehicle with the help her solem impressment under which her
a solvied smile of welcone faded and
llur ver her ace excitement had throughout
A vague exp
he week kept off from her the full pres-
 ocal Phone connection.


NEREMOSE CAUSTIC BALSAM.
 logical Arnott Method is the onl mering. It treats the CAUST, not merely the HABIT, and insures natural speech. Pamphlet, particulars and references sent on request. Address :
THI ARNOTT INSTITUTE, The Repository BURNS SHEPPARD, Prope

OOn simeee and Mcleon Bte Torome 4uotion sales of
 beodial Sales of Thoroughbred Atook conduated Conalenmente soliditiod. Corroepondonot
 6. M. Annable, Moose Jaw, Sask. Improved and Unimproved Farms
For sale in the Famous noore Ja



J. M. Gardhouss, Waston P.O., Ont,

 at House and Far

 Fes, "always was said delicating her de never again I've heard $m \mathrm{ma}$ ave
 when he was, two years oid he hand
meningitis $;$ twas that that left hid deaf. And twas that that eeft him
died
anterwards
he all but but died of sarleter feverd
member all thalt, because it ont
med member all that, because it was be-
fore I was born.
(He was
 three childran betweon-twest iris and a boy-all died when they were babies.)
But I remember like it was yester But I remember like it was yester-
day how low he was with pneumonia duhn how ow he was with pneumonia
helped has just grown, because
hel helped to nurse him. They put put dy blisters over his lungs, and did out fry
thing they could think ond dind with thing they could think of, and with
it all he just did pull throush by a narrow margin.
That was the year belore ma died
thirty years ago next october thirty years asoo nexere matober. There was just us three then, and ma
died and there were just brother and me annere were just brother and did really have any health, though he worked the farm some sort of way
up to three months ago . And then " Dear, dear! !" Anna Harding Bid,
(how sad how terribly sad! We ered just beyond the full grasp of apbe sold next Thursday," Anna Harding said. "Dear, dear! how you
must hate to part with them! It must hate to part with them ! It
would simple break my heart, I know

$$
\begin{aligned}
& \text { parlor. } \\
& \text { "May Mave a little more light?" } \\
& \text { she said. Miss Mattie assenting, }
\end{aligned}
$$

$$
\begin{aligned}
& \text { "May I have a little more light? } \\
& \text { she said. Miss Mattie assenting, } \\
& \text { she threw open the blinds, admitting }
\end{aligned}
$$ ap to toree months ago. And then-

he took that chill She paused to dry the tears that streamed overt her, cheeks.
Dearar, dear !", Anear Harding said.
 Mattie, have you to chairs, Miss
divorce from life's familiar envelope prehension-inagile toward novelty.
./ Everything, I understand, is would simple break my heart,
But since you must sell them, I posi-
tively must have that lyre-back furniture, and the marquetry cabinet, and that corner table, and those foot dining-table, and these Chippendale chairs, and these brass andiruns fore we go any further and le Bemy senses over these enchanting things that look like they might be you tell me what you will take for these? Suppose we begin with the parlor sofa and chairs. Now, what
would you be willing to take for the set, including the two in the garret,
which vou say are very which you say are very shabby?"' she threw open the blinds, admitting
an unfriendly glare upon the faded furnishings of the room.
"Now, what," she urged, "would "/ Now, what,"' she urged, "would
you take for these?", "For these?" said Miss Mattie
helplessly. Obviously it was a meter echo, preluding nothing. "Would you be willing to take
dollars for the set?"' the visitor in
quired, after a reasonable pause quired, after a reasonable pause,
The niarvel of her wanting them the strangeness of parting with them
left no room for detail in Miss Mat tie's mind. "They've got to go," she said. Fo
the first time something like a real ization of the fact was dawning up
on her. Her face took on a touch on her. Her face took on a touch
of blanknes. "They've got to go
-" she said. "But what in the world you want with them-"
"Will you take ten dollars and this, thrillingly. "'" Said Anna marquetry cabinet, and that doubletriangle corner table, and those ador-
able glass vases with the dangling prisms, in this room alone !"'
A curious feeling of not being sure she was awake came over Miss Mat-
tie. She looked about her, as if for some key to the about her, as if for,
snaza mystery of Anna Harding's enthusiasm.
'I I always thought it was pretty to see the light through, the gretty
danglers of the vases," she said,
timidly, "It makes rainbows ! But timidly, "It makes rainbows! But
I didn't think you would care fo "I just dote on them," said Anna
Harding. "Do show me every thing."
She darted about the dim old house like a mammoth butterfly, Miss Matrather than leading. In her slowmoving mind (in ten years she had
not learned to call Anna Harding by
her new name) not nearned name) credence lagged be-
her new
hind experience. Even though with hind experience. Even though with
her own eyes she saw Anna Harding pouncing with ecstasy upon one and
another of the unconsidered things which had been immemorial constituents of her spare humdrum life,
it was too preposterous for belief it was too preposterous for belief.
It was dreamlike, unreal. But
everything had been unreal, more or less, since the happening which had put a definite period to the thing
which were. She could but float upWhich were. She could but float up-
on the current of events, too bewildering to be coped with. And Anna Harding was pleased. That at
least was clear. With simple-hearted elation she abandoned herself to the
enjoyment of that strange, indisputable, most flattering fact.
In a way obscurely personal it In a way obscurely personal it
flattered her-almost as she might
have be have been fattereakable) of hand or
a thing were think
eyes or hair. They were not to her eyes or hair. They were not to her
possessions, the things her visitor
eulogized, save in the sense almost precisely that hands and eyes and precisely that hands and eyes and
hair were possessions; appurtenances
rather-elements of selfhood almost. Not trageass, of unreality, which
of strangeness,
had come upon her, was the prospect

## Star ${ }^{\text {rut }}$ Oll

 RED LABEL. No: 1-EFlutula and poin Evil Cure.






,ABSARBINE





 Seconol-hanand Tppeowntiter Writ ha for fintormatoo


> whiting -ne-siget. Typewrititer. simmons a Nemoron, 441 Richmona st. Loneonen. Ont
 y.
 nairamo
BROXWOOD HEREFORDS.

A tow choien bull calven from my
R. J. PENHALL, NOBER P. 0., ONT.

HEREFORD BULLS OR 8ALE. Two about 16 months and three from 8 to
months old. Priced right to do business. W. BENNETT

Box 488
Chatham, Ont
THE SUNNYSIDE HEREFORDS


Troime himbinhene
and

 Forest view farm herefonos

 HEREFORDS - Ho wo noid oforing of tir


AUGUST 9, 1906
THE FARMER'S ADVOCATE.


Anna Harding assured her; and re-
luctantly Miss Mattie submitted.
And And And the glass and china," said
Anna Harding. "Would you think
three dollars for the lot-,", three dollars for the lot-?",
" Oh yes!", said Miss Mattie.
" I don't know, "I don't know, after all," said
Anna Harding, ""whether I can reSist this dear, diamond-paned press.
I could sell the one I have What would you take for it, Miss
Mattie?
Mattie ?"'
 the traffic to take hold upon her.
"Is it. worth, do you suppose," "Is it, worth, do you suppose,"
she ventured, "two dollars ?",
" Perhaps it is," Anna Harding said. "But I am not sure, after all, that I want- It is certainly
worth a dollar and a half worth a dollar and a half, If you
care to sell it for that-", "' It's a-plenty !" said Miss Mattie, eagerly. "This," said Miss Mattie, "' is my room. I don't reckon there is any Anna Harding took it in with a ${ }^{\text {glance. }}$ The
little The bureau is a darling, with that little swinging glass and those cute
little drawers under it, but I don't particularly care-nor for the bed. I do want a wardrobe, though ; and
there doesn't seem to be any-, there doesn there's a closet It hang my other
dress in," Miss Mattie said, "but dress in,", Miss Mattie said, "but
there's a wardrobe in brother's there's, a wardrobe in brother's She crossed the passage.
"This," she said, laying a rever-
ent hand upon the small knob of the ent hand upon the small knob of the
door, "was his room." She paused upon the threshold as Harding did not pause. But Anna " A tester-bed", she said, " with
carved posts !-the very thing of all carved posts !-the very thing of all
others that I wanted! What will you take-"
Miss Mattie shrank as from a blow She squeezed her thin hands together, and the tears rained from her
eyes.
"It's the bed he died in !" she said. "I couldn't-" "But, my dear Mattie," said Anna But, my dear Mattie," said Anna
Harding, "how in the world will
you travel around with a four-post
bed And you will be moving about bed? And you will be moving about
from place to place, won't you, all "I'm going to visit around in the
neighborhood a little while, till I can decide what to do,"' Miss Mattie said, absently. She thought dis-
tractedly a few minutes. "I don't mean to be unaccommoietating," she said, anxiously. "t But I couldn't
sell it. I couldn't sell it to save my life. But 'twouldn't be the same
thing to give it. I'd be too glad
for you to take it off my handsjust so-without giving me anything "You dear thing !" said Anna "It's so lucky you came in the
wagon," Miss Mattie said. "I supwagon, Miss Matcie said. ", ly, "but the wagon is nearly as
comfortable as that antediluvian carriage of ours (country carriages are
such marvellous things, aren't they ? such marvellous things, aren more. It positively breaks my heart to leave
anything behind, but I'll send over for the rest in the morning,"
Tumbled, dusty, radiant, she stood on the porch making her adieux, in one hand a pair of painted bellows, in the other a tarnished ormolu
screen, which, with other things, inscreen, which, with other things, in
cluding a lacquered wine-cooler, a set of mahogany bed-steps, and an inlaid
kidney desk lacking one roller, she kidney desk lacking one roller, she had rummaged from the garret, to
her own delight and Miss Mattie's her own delight and Miss Maties seventy-five cents. "But can't you stay to dinner?", "But can't you stay to dinner?"
Miss Mattie said. Her tone was almost pleading, so imperative the im-
pulse to stave off a little longer the Waiting loneliness.
But Anna Harding kissed her, reisting the invitation.
"And thank you so much," she
said, "for the bed. It is a per
darling ! And you were the
liest thing to give it to me !"
Miss liest thing to give it to me !"'
Miss Mattie's eyes filled and over
flowed. "Oh, no!", she said. "I hadn't any place-" after the road dwindled to the horizon empty, and under all the blue
vastness there was no sign of life vastness there was no sign of life
but the nearby shrilling of summer insects in the rank grass.
"I hadn't any place for it," she
said aloud, as if arraigner said aloud, as if arraigned before th
bar of silence. An intolerable re bar of silence. An intolerable re
proach was in the air,, in the strid ent voices rising from the ground
most of all in the sombreness of the most of all in the sombreness of the
ravished house, upon which she turned her back, temporizing. said, "or anything. I don't know where IIl be or what Tll do-"" of the thought-then rose to mee
" But I've got friends !", she said.
Just think of Anna Harding's coming !',-[Annie Steger Winston, in Harper's Baza
cossip.
the riby sale
Live-stock breeders throughout world will be interested in fuller detail of the notable record-breaking sale o
drafts from the Riby Shorthorn herd and Lincoln sheep flock of Mr. Henry Dud ding, of Lincolnshire, last month. Many of the higher prices for Shorthorns wer paid by Argentine buyers. The highes price for cows was given by Lord Win terestoke, who retained this first-Ias two-year-old heifers was given thy Mr. C
Villatte, and two others of the same ag went to the Argentine. The same buye were buying for the Argentine top price for yearling heifers, and Mr Pearson secured the champion bull,
Prince Alastair, for 1,000 gs. Prince Alastair, for $1,000 \mathrm{gs}$.
With regard to the sheep sale, there are a few averages that are not included
in the summary that will be of interest where they go. The Argentine buyers
took thirty-nine yearling rams offered. Mr. Miller, who gave als 450 guineas for the champion yearling rams at the Royal Show; the h80, $500,430,350$, and 300 guineas, making an average for the pen of £458
12s. Mr. Casares gave 560 the third-prize ram at the Royal Show the third-prize ram at the Royal Show,
and 120 guineas for another. These
eight rams of Mr. Dudding's, exhibited at the Royal Show, gave the notable
average of $£ 563$ 1s. 3d. All through the sale the demand was excessively keen,
and although the owner, Mr. Dudding and although the owner, Mr. Dudding,
was unable to be present at the sale per sonally, being confined to his ked with reviewing from his bedroom window, (.n of the most notable assemblages buyers and breeders of Shorthorn cattio
and Lincoln sheep ever seen at his well known home at Riby Grove. The number present was not far short of 1,000 .
Argentine, New Zealand, Argentine, New Zealand, and Australia
as well as many of the other South American countries, were represented, but,
so far as we know, no buyer from the so far as we know, no buyer from the
United States or Canada, or North United States or Canada, or North
America, was present. America, was be, therefore, not much
There can be
doubt as to the reason why the Argendoubt as to the reason why the Argen-
tine and South American beef and mutton is making such strides in public favor it is because they are having the best o
England's stud stock.
W. W. C.
the best liniment in the Calgary, MARKET. Canada, July 26, 1905 Calgary, Canada, July 26, 1905 .
The Lawrence-Williams Co., Cleveland, The West, as you no doubt know, is a great horse country, and we have a large
sale of Gombautt's Caustic Belsam. We believe you have the best linimentan on the
market, and, although the sole in this market, and, although the sale in this country is large, it could be greatly in-
creased by a little advertising


ARTHUR JOHNSTON
Greenwood, Ont.
Offers for sale, at moderate prices,

## 12 memer BULLS

All sired by imported bulls, and most of them from imported dams.
Also imported and home-bred cowe and $\frac{\text { pure scoter }}{\text { scot }}$

## SHORTHORNS

Hord bulls: Imp. Prime Fayorito $\mathbf{~} \mathbf{4 5 2 1 4}$ -
Imp. Scottish Pride =30106=, a Marr Moen Lats Proesnt oftering
2.2 importod bulle
15 young bulla.
importide oows with beifer calvesatfoot and
brea go one- and two-year-old heifers
Vieitiors weloome. Now sothlogue juet thened.
W. G. PETTIT \& SOlls, Freeman, Ont. Burlingtion Jet. St. Leng-aitheneo soleKENWOOD STOCK FARM. SHORTHORNS.
 uamume Beos., Mlathate, Ont. Kont Ca. SHORTHORN BULLS

## FOR SALE

1 roan oalk, 15 monthe old, of the Dechees of
 JOHN MILLER, BMou Sham, Ont. EPRING VALLEY SHORTHOTHS

 Ayr, O.P R.t. Parls G.T.R. GNos. Ayp P.O. Fop Sale: 1 Cholee young byll
 Farm, Eradionet, ont. For sale: The two-year-old thow bull, BythJames Gllbb, Bmooksdalo, Ont.

 Wm. R. Elliote \& Sone, auelph, Ons: PROSPECT STOCK FARIM. For Fic: 4 Eulle, inoludins Gold Mine (imp. In Itwi, gto
 Medical student-What did you operato Emat man for?
Eminent Surgeon-Five hundred dollare "Five hundred dollars."-[Puck.

dUESTIONS AND ANSWERS. Miscellaneous.
fbeding a foal Kindly let me know through your valu-
able paper what would be the proper food
for for a colt two months old. The mother does not seem to keep it full, the colt
being hungry all the time. being hungry all the time.
CONSTANT READER Ans.-If it will drink cow's milk lukeof nothing better, but we would not feed more than two quarts at any time, and would give ground oats and bran, and

The Bee and the Flowers.
An old 'bee-poem, by Mary Lundie Duncan mother.
Ah! do not, do not touch that bee Stand still, its busy course to see,
But take your hand For, though 'tis neither large nor strong, It has a sting both sharp and long.

You need not fear; it loves like you The flowers of varied form and hue Then yield it honeyed spoil It only stings the thoughtless train Who seek its life, or give it pain,
Or stop its happy toil

Or idle drones which labor not
But eat the honey it has sought But eat the honey it has sought
To store the crowded hive ; Or insects that would enter there To steal the food it brings with care In search of flowers this food that yield It fies abroad through hill and field With pleasant, humming sound It rests on many a blossom bright, That opens, far from human sig
To deck the lonely ground Flowers were not made for man alone,
But freely o'er the earth are strewn But freely o'er the earth are strewn, And many an insect nation dwells Among fair fields and mossy cells, Child. I did not know the 'bee could sting I see it fly on rapid wing
Among the garden bowers And now it 'lights upon a rose And now to a jasmine branch it goesIt settles where the woodbine sweet How firm and fast they cling !
Oh, how I love the pretty flowers Oh, how I love the pretty flowers,
That bloom through all the sunny Special Reduced Rates to St. For the Grand Army of the Republic National Encampment, Minneapolis, Aug.
13th to 18th, the (irand Trunk Railway will sell round-trip tickets at special re
duced rates, good going August 10 th 11th, 12th; also for such trains on Aug
13 th as will enable passengers to leave turning until August 31 st , with extension
 particulars. The attention of breeders of Shorthorn cattle and Border-Leicester sheep is called
to the new advertisement in this issue nd flock, property of Messrs. A. Camero \& Sons, of Brechin, Scotland, which hat an excellent reputation, their breeding and character being up-to-date, with qual
ty to correspond. If in need of stock ity to correspond.
in these lines, writ ticulars to this firm.An entertainer and
noon recently had
and was about to
nd was about to just made his Dow
and was about to just begin, when a his at ant
walked in and sat down
cossip.
Sixteen high-class Hackney stallions and
mares, selected in England mares, selected in England by Mr. Frank H. Stericker for Mr. F. Pabst, the wealthy
brewer of Milwaukee, Wisconsin, were recently shipped from London for New
York, by s.
Ch, by s.s. Minnehaha.
Writes : A. W. The Smith, Maple Lodge, Cont.
writes: "The Leicester ram, Wincheste
onfer for sale in my advertisement
one of the best stock rams we
ever had, and only that so many of my
ewe flock are sired by him induces me
sell. I do not intend to exhibit thi
year,
year, consequently have a number o
different ages, in fair
sale yet, and my lambs are as good
lot as we have had for some time.
regret very much dropping
regret very much dropping out of th
show-ring. I believe everyone, who can,
shoul
should show some, and trust my health
will permit
will permit me eantering the lists agalth
year. -_
Mr. Chas. F. Bonnycastle, Campbel
ford, Ont., in ordering change of adver
tisement, writes: oring change of adver
since January are the following males
since January are the forlowing: ${ }^{\text {Geo. R. Hindes, two-year-old heifer }}$ To
Geo. R. Hindes, two-year-old heifer a
yearling bull, and a yearling bull to ea
of the following
yearling bull, and a yearling bull to each
of the following : John Lancaster, Bird-
sall : Allen
of the following: John Lancaster, Bird-
sall ; Allen N. Hitchins, Emerald; Mr.
Parr, Hoand's Station : Henry Morrin
Parr, Hoard's Station ; Henry Morlison,
Beaverton; Mr. Johnston, TTent Bridg
Beaverton; Mr. Johnston, Trent Mridge
M. Sullivan, Franhfort., To F

Copeland, Teeswater, two he ter M. F.
year-old Meifererstson, Toronto, four tw
In Berkshires
Ind
year-old heifers and one yearling neifer
In Berkshires: To M. E. Copeland,
young sows and
young sows, and to each of the follow
ing one young sow : John A. Cochran
Havelock: Matthew Petherick.
Havelock; Matthew Petherick, Havelock
Robert Bertrand, Camphellford; and boar
to John A. Cochrane, Havelock. I I ha
about eo head of Shorthornc.
about eo head of Sharthorns, including
about 20 calves, which will be ready for
about 20 calves, which will be ready for
next season, have also two yearling bulls
on hand for sale cheap, the balance
young cows and heifers. In Berkshires,
on hand for sale cheap, the balance
young. cows and heifers. In Berkshires,
I have a number about three monthis
I have a number about. three merkthires,
a nide lengthy lot. In Cotswolds, I
nave about 20 lamt,
hor


## SCOTCH SHORTHORNS <br> 9 heifors, yearlings. $\quad 4$ bulls, yearlings. 29 heifers, calves. All out of imported sires and dams. Prices easy. Oatalogue. <br> JOHI CLAMCY, H. CARGILL \& SON, <br> Manager. Cargill, Ont.

## Maple Shade Shropshires


 JOHN DRYDEN \& \& StaN, Brooklin, Ont.

Westside Shorthorn Herd and Border Leicester Flock. All Registered in the Herd and Flock Books of Great Britain.
 Leicester flock is one of the oldeqt in teotland, and embraces blood of the bighereth breeding.
Selections for Sale. Visitors from the States and Canada will be cordially welcomed. A. Camemon \& Sons, Westside Farm, Brechin, Scotland. JOHM GARDHOUSE \& sons, highfield P.O., Ont. |CEDARDALE SHORTHORNS

 and bed on heayy-milking
lines. Will be sold cheap. DR. T. s. SPROULE, M.P.
Markdale, Ont. (rom Toronto. SHORTHORNS
16 helfers under two yeara
Allof the choicest breeding and paractically all
of show-yard qualitiby ou can buy anything io
the herd at a reasonable figure but the herd at a reasonable figure.
JOHN DOUGLAS.
MeTER WHITE, JR.。

## SHORTHORN BULLS

## and HEIFERS

Sired by the Scotch bull, Scottish Lad 45061
S. DYMENT, Barrie, Ontario

Gover Lea Stock Farm
SHORTHORNS

Some from ind inded sire an
Visitors met at Ripley station
R. H. REID, PINE RIVER, ONT,


SHORTHORNS
Noi havy or fatit
Shorthorn Gattle and Lincoln Sheep
shorthorn bulls, oows and heifers
for sale at greatly reduced prices
for the next 60 days.
J T. GIBSON, Denfleld, Ont
SHORTHORNS

 GEO. AMOS \& SON, Molfat Stn. and P.O., C.P.R
Pine Grove Stock Famm. Breeders of
Highh-olaes sootoh shorthomm. Choiee Shropshire Sheep, Clydesdale and Hack. -Herd oasalogue on application. Address: JAMES SMMTH, Supt., Rockland, Ont
W. C. EDWARDS \& Co., Limited Props. ome SHORTHORNS AND BERKSHIRES.
 S. J. PEARSON, SON \& CO.,

PEARSON, SON \& CO.,

AUGUST 9, 1906
MAPLE GROVE SHORTHORNS
 Imp. and Canadian-bred Males and females, as good types as the breeä produces.
With breeding unsurpassed
C. D. Wager, Entorpplise stn. \& P.O., Addinstion Co. GREDEITGILI, HEERD SHORTHORNS r
 R. MITOHELL \& SONs Nelson P.O., Ont.; Burlington Junc. Bta R. A. \& J. A. Watt, Salem, Ont.



 number o.
GLENAVON STOCK FARM Shorthorns and LInooln Sheep
 W. B. ROBERTS.

ORTHORNS AND


 JOHN LEE A SONs.
Highgate, OnL

## SHORTHORNS

 CLYDESDALES
Just now: One pair of matched geldings 5 and
years old ; show team. JAS. MOARTHUR, Goble's, Ont. Alverview Shertherns and Oxferls Ehorthoras roppuant Grimen Mromer
 ram lambs.
Poter Cochran, Almonte P. O. and Station

## Queenston Helghts

## SHORTHORNS



HUDSON USHER, Oncenston On SHORTHORNS \& CLYDESDALES FOR SALE

 known Macquaen, dam from imported sire an an'
dam, and one flly rising one year, sired by King'
Crom

## ©

scon OR ME, Claremont P.O. \& Sta.
 H. GOLDING \& SONs, Thamesford, Ont Glen Gow Shorthorns - Our present offering 14 months of age, sired by Imp. Ben Loman and
Imp. Jyof Morning, and out of imp. and Cane
Idian bred
 Brown Lee Shorthorns ${ }_{3}^{-P \text { Present offering i i }}$



THE FARMER'S ADVOCATE.


## Shorthorns

OF SCOTCH BREEDING.
Imported cows and heifers for sale at eas prices, also Canadian-brec
females all ages, and a fine colleo tion of young bulls from six to six.
teen months old - imported and teen months old - imported and due home August 26. Inspeetion
H. J. Davis,

Importer and breeder of Shorthon WOODSTOOK, ONT. C. P. R. and C. T. B. Main Miner:
 $25 H E A D$ Anything for elec.

W. 1. Thompson, Mitchell P. O. \& Ste Spring Grove Stock Farm



Thy

 A. EDWARD MEYER, ootoh shonthoing The Bany slopo hard omphrita griathouk



For Sale: Two Young Shorthorn Bulls Aloo cowo and holrores, and one tood Imp.
 DAVID MILNE, ETHEL, ONT. WILLOW BANK STOCK FARM

 Oak Grove Shorthorns



THE FARMER'S ADVOCATE.
QULSTIONS AND ANSWERS.

 or the most fhahionable strains. Oan beorea

h. E. GEORGE, Cmampton, Ont WOODBINE FOLSTEEITA Hoont hedod by prim Hochhilide Poona, , ive
 ATr. O.P.E. A. Farkmme
míw HOLSTEIN BULLS

a.w. OLEMONs. St. Georsto, Ont. Lyndale Holsteins. For Sale $A$ number of boll nelves, from

Gentre and Hill View Holstains

 MÁPLE GROVE HOLSTEIN-FRIESIANS

WALEURN RIVERS. Foldon'c Cornore Maple Glen Holsteins Athree fons of Sily Mhooe grand dom holds worlit hargeit of cial re
 Grove Hill Holsteins - Herd containus 5 hood

 IMPERIAL STOCK FARM HOLSTEIMS
 We GLIENARCHY " HOLSTIEINS

 Clenwood Stock Farm-Holeteins and

 Holsteliss, Tamworthe, Oxford \& Dorse

 HOLSTEINS AND YORKSHIRES offer for anala ohoie lot of young
HILTOM HILTON siock FARM - Holotoln,


Miscellaneous.
Alpalfa in cape breton, n.s. am a subcriber of "The Farmor':
Advocate,", and, while not a farmer, ap preciate its value and great a farmer, ap-
able made manar and able manner in whioh it it aty conducted. the
have $a$ amall estate have a small ettate here which I occupy
as a summer home. I keep enough stccik
 hay problem is, in dry seasons, tut the
 Yrom a market, and communication with
the outside the outside world is, even in summor,
diffccult and uncertain. In winter it is
cloeed closed entitery. I I want to winter it is is
but as I know nothing but as I know nothing whatever alataifa,
practical farming, practical farming, I am anxious to have
the advice of experts.
The ground here ins advice of experts. The ground here
is very rocky. TTe soil is a clay, shal-
low, but very fertile have kelp very flertile. As fertilizera, wo
pich bog; sometimes it possible to got codfish ofal. These con-
ditions being stated
 lowing questions : alfalfa?
2. How fertilized
2. How fertilized?
3. When h hould seed be sown
4. How much to the acre ?
5. Where can the seod bo procured
6. Will crop grow on steop hillside 6. Will crop grow on steop phillsidea?
7. If there
is treatise upore the subject. simplese practical
a copy. The mend mo a copy. The man in charge ofo surd moce
is a disherman, who like myselt, is whoce
 ignorant of farming. All directions,
therefore, must need be very simple and
pein. plein.
Ans.-While commanding our friend's do.
cision to to
d. cision to try ammanalinag our friend's do
im to base do not counsel him to base to high hopes upon it.
Alualfa has not yet been proven a general
succesa in so moist, And the sootia. in The climate is most coses, is
mot
 stituents in $\begin{aligned} & \text { potash and lime, two con- } \\ & \text { allalfa imperatively } \\ & \text { The }\end{aligned}$ demands
 inclined to be rather sour, and the bac-
teria which gather nitrogen for allalfa,
and upon which ite

 potash insured by fertilizing annually
with a loou of two on lime per aro, and,
say, 30 bushels of unleached wood ashea, Applications of thanneached wood ashes.
materially in materially in getting a catoh, but barn-
yaid manure cottains too muoh valuable
nitrogen to the a tilizogen to to be a very economical for-
tivumes, which, given potash
and lime, can and limer canumes, which, wiven phetash
from the atmosir own nitrogen irom the atmospere. If you soor lau
corne, do son some experimenting with the
manures you mention main res you mention, but place your
Alaulfa usually on woord ashes and lime. Altalifa usuanes on required ashes and limeer
by repeateance, gained


 land, but do not bo discourageld drained
times it succeode
there apected, and vice versa.
Taking up the list of questions in or-
er:

## 1. Select land that has been in hoed crop, ore oven grain. Fall plow, and cork op thoroughly and


asily. nor does water have a chance
stand about the crowns of the plants7. Write to the Central Experimenta Farm, Ottawa, for their bulletin on al

## talla.

## miscerlanneots.

diarrhosa. She a cow which is subject to tist tast tall, but
o grass she has got it ahe has gone
has become chronic. . Would you kid didy
give me the cause and cure, if any?
2. Whice to Woung cal tes ? best way to foed oats
Should it be fed to them whole or ground ?
s. What is oil of ta
8. What is oil of tar made of ?

She missed last year, and $I$ am breeding. hard to catch this year. I I am feeding
her oil of tar tor her oil of tar for a cough she has had.
Would it be the cause of her hat Would it be the cause of her being so
hard to cantch, or would it heve hand to cal
efect on her?
j. When
5. What is the cause of horse spitting
out lumpe of hay (chewed) out lumps br hay (chewed)?
good condilion. good condilton.
6 . Would you
Oill mililik thaking butter and che value Wilu milk that will makee two pounds of mutter make three of cheose, or cound yo
give me an idea of the value of milk making butter and cheese? cared for the first young apple treess ye years after plant

2. Many god feoders, now
fer feoding calves whole oats.
3. Wood tar.
3. Wood tar.
tion of dinating the ops. Try the opera described in these columns.
5. Have his toeth examined. The 6. depends upon the percentage of butter-fat containgod. The value of milk for cheosee
making
depends party

 closest way to estimate tot; hence
cheesemaking of milue the cheesemaking of milk of diferent der
grees or richness is to let 2 represent the
value of the casein tion adding the casein in each cwp. of mille the percontage
each case.
 mints 4 per per cent. fat, another sample
test
of these of theser cent fat; the relative value
$7(5+2)$ is to samples
would
bo as 7 (5+2) is to to samples, would be as
relatively
more relatively more valuable for butter-
making than it is for cheesemaking.
7. Cultivate till August, thate seed down to cover or ear crimson clover or hairy vetches. Prune
spring, and spray accondig frequently given in these columns. repeat cultivation till 5 July, then an seed
again as before Will yourn plan wanted.

## 

## 



In a wide observation, extending
we find that one Province of ortalished o
hillsides, it does bester erthere than o
evel land. It does not winter-kill

## A BAD CASE

 or
## KIDNEY TROUBLE oured or

## DOAN'S KIDNEY PILLS

Kidney Troubles, no matter of what kind or what stage of the diseege, cat
be quickly and permanently cured by tho be quickly and permanently cured by tho Leland, Alma, N.W.T., recommends them
to all kidney troublo to all kidney trouble, sufferers, when ho says:-I was troubled with dull headaches, had frightful dreams, terrible urinate. Noticing DOANT'S RIDNTEY PILLS recommended for just such annoyances as mine, it occurred to me to give them, and was very much a box of the effectual cure they made. I talke great deal of pleasure in recommending Price 50c. per box, or 8 for $\$ 1.25$; an Toronto, Ont

## PARQ|D <br> Before you buy roor ing for any building, fro <br> a small poultry house to the largest oungill or factory it will pay ou to pet samples and com plet <br> proofs of quality from the oldest malk- <br> Orixinateded the roolfor of ino Amering ready to (We with fixtures packed in the center)

Founded in 1817
Woor aham yonby
F. W. BIRD $\frac{2}{}$ SOM,

ROOFING


 FOR SALE: 28 JERSEYS under to

 Brampton Jersey Herd For sale: 10 bull

 HIGHGROVE JERSEY HERD
 ROBT. TUFTS \& Son, Tmeod P.O. \& Sta Pine Ridge Jerseys
 WILLIAM WILLIS, Newmanket, Ont SPRIMG BURN STOCK FARM. North Wilimemburg.Ont.

 hign-class ayrshire cattle Buils and haififr calves, two to nine monthe
 Wardend Ayrshires We are offering young
old $:$ also a chicce iot
buthe from 1 to 2 yearg




Stockwood Ayrshires for salo. - Have


THE FARMER'S ADVOCATE

## W $\cap$ You are Cured First Then You Pay. <br> If You are not Cured You Need Not Pay <br> Your case will be accepted fortreatment on the following proposition

 ElicED If you doctor here, you will receive the services of an EXPERI 2. Vour case will receive most careful attention each time you call of Write3. Youir par arter you are cured. pres conderia.
 tua joilliv

X-RAY EXAMINATIOM, ADYICE AND CONSULTATION FREE
 DR.GOLDBERG, 208 Woodward Avo

ERKSHIIRES

HILLGREST HERD OF ENGLISH BERKSHIRES
 by Conoord T., bred to \&toll Pitte' W. These are choico nod lengthy.

A lady carrying a little dog got in if every turning was Park Lan began asking the question at Putney and repeated it at intervals all along th route until at last she was told, to the in tense relief of everybody in the omnibus,
that Park Lane was really before her eyes. But they were not to see the las
of her even then. "Look!" she said in ecstatic tones, holding up the dog to the window
was born!
NEWCASTLE HERD OF TAMWORTHS



 Wount Pleasant Herd of Tamworths and Holitoing. A large herd of ofoioe pigs of all


For Sala -ohio Improved Chester Whites, the istored herd in Canenda. young sows in frarrow:
 E. D. GEORGE, Putnam, Ont.

Zomoreshatioes? Have some grand spring litters farrowed in Feb..
 MPROVED YORKSHIRES.

Choioe young stock from imported
prizewinning stock for sale.
GEO. Mrizewimith, HAYSVILLE, ONT. Berkshires than shorthorns-Choioe Polgate Doctor (imp.). nnd from Ind utrrial prize-

ELMFIELD YORKSHIRES
Have a few young sows from 4 to
7 to
months.
bred and ready to
breed; also some young pigs weaned end ready to
wean, from imp. dam and eire. G.B. Muma, Ayr, Ont.

Nervous Debility





## BLOOD POISON




PAY WHEN CURED

H. M. VANDORERLIP Ganadian-lbrod


exhibits and jurdging, and hearing the
exhibits and jurdging, and hearing the
to agriculture.
to agriculture.
prize-list that will shortly be issued ior
prize-list that will shortly be issued ior


QUESTIONS AND ANSWERS. Miscellaneous.
PABTURE ON SANDY UPLAND.
$\qquad$

$$
\begin{aligned}
& \text { row, have been but slightly succe siful. } \\
& \text { White clover has ostained a foothold }
\end{aligned}
$$

$$
\begin{aligned}
& \text { here and there, and appears to be hard- } \\
& \text { ty holding its own, and certainly not } \\
& \text { spreading. } \\
& \text { Sheep's fescue, }
\end{aligned}
$$

$$
\begin{aligned}
& \text { spreading. Sheep's fescue, however, } \\
& \text { which was apparenty sown an a lawn- } \\
& \text { grass mixture, is increasing from year to }
\end{aligned}
$$

Thre Expor
$\$ 30 ; 3 \mathrm{rd}, \$ 20$
$\qquad$

## In the sheep department there is olfered $\$ 89$ for each of the following breeds :

$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$ MONKLAND YORKSHIRES

 dAS. WILSON \& SONS, FERGUS, ONT. P. R. and C.P. R. Long-distanoe Phone Dakdale Perkshires 1 ader for a pair or trio mot alm. mo book you Ohio Improved Chestor Whites


 H. E. GEORGE, Crampton, Ont Glonbumn Herd of

## YORKSHIRES

How on hand, a number of sowne 5 and 8
monthe old, for apring farrow: almo marse number of sopember iows and
boars. Booking orders for spring pien. DAVID BARR. dro. Boz 3. Ronfoev, Ont Glenhodson Yorkshires.
 GLENHODSON COMPANY, Myrlle Station, Onl. Rosebank Berkshires For sALE
weoksold
Concord Pr
 JOHN BOVES, JR., CHURCHILL P. O


[^0]:    | First ........................ | $\$ 5.00$ |
    | :--- | ---: |
    | Second ................. | 3.00 |
    | Third |  |
    | Fourth ....................... | 1.00 |

    We will reserve the right of pur chasing any others which may be found available, at ordinary rates. Kindly send, photos so they will
    reach this office on or before the reach this office on or before the day of August,

