## PAGES

MISSING

## The HORSE-LIFTLine

The new I D sulky and gang plows are an absolutely new creation in the plow line that will interest the PROGRESSIVE, UP-TO-DATE farmers and their sons (are you one of that kind, or have you got your "mind sot" on some old style, which you will buy without investigating this one) who keep a sharp lookout for machinery that SAVES LABOR for man and beast. These plows will do it because they have the strongest frame, braced so that it will never go down at the front-wheel corner. END THRUST of REAR WHEEL CONNECTING ROD is resisted by frame and not by the pole, hence no landsides are needed to keep front wheel from crowding out of land.


IF YOU LOOK AT THEM YOU WILL BUY SURE.

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QUOTATIONS furmished ON ALT kinds of GRAIN in CAR LOTS. Prompt adjustments Correspondence solicited.
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Patented and pend- Gasoline Threshing Engine. Write for price
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[^0]If You Intend Shipping or Selling Grain fou will find it to your advantage to do your business through a strictly will send liberal cash advance, get you the highest price, and make quice settlement. We are licensed and bonded, and guarantee prompt and careful service. White to-day for full particulars.

| Gossip. <br> Mr. S. P. Thompson has landed in Re- |  |
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POULTRY SUPPLIES
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Mica Crystal Grit Granulated IPoultry IBon Meat and IBone Meal Blood Meal
Crushed Oyster Shells Tettine Markers Fur Prolumers Egg Producer
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Wtc., etce In fact, everything for
The STEELE, BRIGGS SEED CO., Ltd Branch Store of Canada's
日reatest seed House. m Winnipeg. Man. WANTED, AGEITTE Reliable men to gell for "Canada's Greatest
Nurseries"; 1argeet and best assortment or or
 STONE \& WELLINGTON, Toronto E. J. C. SMITH,
 276 smith St. 1892.


IRUIPILUIRエ Write for particulars as to how to aure it with.
outa a risky operation. Invaluable advice FREF C. H. Dorenwend, R. S., Toronto, Ont State your case when writing 303 y won

A BUSINESS EDUCATIOY RECEIVED AT

means a Łood paying investment for those who wis

for catalocue, etc
O'SULLIVAN \& LOOS

ГHE -ARMER'S ADVOCATE and Home Magazine.
rhe leading agricultural journal in manitoba

$\overline{\text { Pointers. Wixsiple, Mavitoba }}$

Brandon prepared to talk business. There is often a lot of time lost at sulace becanise house

Neepawa will have the honor of holding the first Winter Fair in Manitoba. February 16th and 17 th is the date, and the name is Manitobit
Winter Fair. The anmal Manitoba Provincial looltry show
"pened yesterday, the 2bith, at Brandon, and will "pened yesterday, the $26 t h$, at lrandon, and will
continue until the $29 t \mathrm{~h}$. Before the fresh egg and there ought to lie life in the hen business.

Tertitorial Grain-growers, while in session a Regina, passed a strong resolution favoring Pr
vincial autonomy. The Manitoba convention Tuesday next would be showing a neighborly Greater Canada, by endorsing that resolution.

The Territorial Department of Agriculture at on the right track in regard to their Farmers' Institute policy. Live-stock judging began at Indianton yesterday (26th); Lacombe, Macleod

The Agricultural Situation in B. C.
The condition of live-stock association allair makes for advancement, either commercially o educationally. Internecine strife rages between omeratom and the association, and, as a conse anchored in the pool of stagnation.

The association claims the
to elect it tillen, whether that which it is undoubtedly en the officials of the Provincial and Federal Departments of Agriculture or not, and oblects strenu ously to being penalized for exercising their undoubted prerogative, by the withholding of all which it is hard to get reduced rates or passe from the railroads for association purposes and also the withholding of all financial aid by the Federal Department of Agriculture.
borne the heat and is made up of men who have
it cost more to bring pure-bred stock to B. C
than it does now, these men are entitled to some consideration, and should not be subject to the whims and caprices of officialdom
the abolition of dany recenty advised edritorian culture, along with that of another department, move "hich would be a distinct backward step. As the agriculural portiolio is held by the
Finance Minister, an energelic, tactful cabablo deputy is an essential energelic, tactiml capable aeputy is an essential to agricultural progress,
and to the Minister. The Agricultural Department is manned on a large enough scale to results. Besides a deputy minister, there are two Teterimarians doing public health work, a freight rates commssioner, a fruit inspector, a horticul-
thral board of four or five members; about twal board of four or five members; about
twents-ture farmers' institutes, and about the same number of local shows, also receive aid from charee the Government with unfair to frssion of agriculture. What faults need remedy resources furniched are ppolied whe the could well afiond to lop off the we Departiment are litule more than a sort of charitable distribu dion of public funds, and of tolls levied on the
The following improvements are suggested: First, the abolition of the strife existing between
the livestock aspociation dignity of agriculture (which ranks above the hindererl. Secondly, the abolition of all the nent of Agriculture being the Provincial Depart shows, say four or five, one or two in the upper to live ann have already demonstrated their righ now existing. Comses in live-stock judging Manitola offered, as is mow done in Ontario Whte that the Royal Agricmitural and Industrial and will "enceavor to mect the want next March (although refused aid by the Dominion Department of Agricmlture). There is room and need for a
$\qquad$ In addition, a dirst-rlass horticulturist fhould be Secured by the Provincial Department, one with Woth scientific and practical trailing, to give lecbranches, such as planting, graftine (not the political meanins), the hamiling of fungous diseates by spraving. ete. Such a man can be se ured from the Agricnltural College at Guelph.
The Dominion Department of Arriculure coun The Dominion Department of Agriculture could
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$\qquad$

No less important a body than the British Board of Agriculture recently issued a leaflet ad vising owners of cows how to prevent or treat diet restrictions are suggester , ithe usuat purgatives. When the disease unmistan purgatives. When the disease unmistakably " good dose Epsom salts", should be that a and the veterinary called should be given. thousands of cases in the past be a ruide this dosing with salts will probably fix the this doom, and the offices of the veterinary will be a post-mortuary character, for paralysis prevents the cow from swallowing and she is strancled death. The leaflet then goes on to recommend the iodide-of-potassium udder-injection (Schmidt) treatment, which, properly administered, has cortainly proved a great advance on older methods in saving the lives of valuable cows. However, had the author of the leaflet read the "Farmer's Advocate" as attentively as he should have done durine the past year he would have learned a still more excellent way, viz, the pure-oxygen udder-injection (reatment, with which a firm of leading Canadian eterinarians, during the past season, had forty seven complete recoveries out of forty-eight cases, the hess bon from mechanical conjestion of the lungs, lue cow having been dosed by someone These practite oxygen treatment was administered shall be no such accompanying insist that there is practically certain to be deadly in its effects They have also noticed that milking out the cow's adder clean alter carving has been an almost in as not a few stockmen and thers, as it seems, to hasten the milk-fever collanse Leaving the calf with the cow to suckle, removing the colostrum in nature's gradual way, is a suggesgenerally way of prevention that should be more are not new in Canada but The above idca. the hope that they may in due time counteract in some degree, the mischief which might be wrought if British dairymen or breeders were to official leaflet sent out by the Board teaching of the

An American, now a settler in the Calgary the "Advocate" that about a representative Calgary while on a hill, he counted 93 dwellinin houses; stables and outbuildings in no case being
included. The growing period of the West has

## 100\% Ahead of Any Previous Year.

THE THOUSANDS of letters that have poured into this office during the past two months prove that the farmers of this country want and appreciate a really first-class weekly agricultural paper Never in the entire history of the FARMER'S ADVOCATE did new subscriptions and renewals come in half so readily, and never did so many subscribers take the rouble to write, speaking highly of the paper and congratulating us upon its publication weekly.

After receiving a couple of copies of the weekly, several others write in reference to the subscription price that they would consider it a remarkably cheap paper at $\$ 2$ per year. Evidently the West is not the field for "Cheap John" farm papers. The Western farmers want quality.

We take this opportunity of thanking our subscribers for sending us so many new names when forwarding their own renewals. The farmers of Manitoba and the N.-W. T. evidently appreciate a highclass agricultural and home journal. We hope all who have not already sent us one or more new subscribers will not fail

THE FARMER'S ADVOCATE
WINNIPEG, MAN.

JANUARY 27, 1904
Who Deserves the Credit. Dear Sir,-Allow me to congratulate you on
the appearance-in a double sense-of the weekly
issue of the "Farmer's Advocate." I am much
pleased to see that the Dominion Exhibition is to
be held this year, and hope it will be a great
success. It is rather surprising, however, to find
that the Manufacturers' Association is getting all
the credit of its inception, when, so far as I am
aware, the "Farmer's Advocate" was the first
to suggest the holding of such an exhibition, and
to urge its importance on the public. "Render
unto Ceasar, etc.".
Winnipeg, Man.
$\qquad$
The life of the farmer is a busy one at all
seasons, and although in winter every hour has seasons, and although in winter every hour has
not to be caught in its season, the farmer who is progressing, and is destined to get ahead, is always busy. His, however, is not that busy worry which results in brain fag and all its
accompanying evils. There is a variety in the armer's life which precludes all monotony an

## Horses.

## The Care of Unshod Hoots.

 He United States Department of Agriculture as done a good work in issuing Farmers' Bul-letin No. 179, which treats of horseshoeing. yuestion that is far too little understood, not only by the farmer but also by many of those who
undertalie the work of shoeing horses. In fact, there are some shoers who have done this work all their lives, and yet there are many things in
regard to it which they have never sufficiently In speaking of the care of unshod hoois, the bulletin says: "The colt should have abundant
exercise on dry ground. The hoofs will then wear gradually, and it will only be necessary from time to time to regulate an uneven wear with the
rasp and to round off the sharp edges about the oe to frevent the breaking away of the wall." .. Colts in the stable cannot wear down their
hoofs, so that every four to six weeks they should e rasped down and the lower edge of the wall clefts of the frogs should be picked out every few days, and the entire hoof washed clean. 1'lenty we becoming awry should have the wall strengthe cned in such a marner as to straighten the loot
axis. This will ultimately axis. This will ultimately produce a good
hooi, and will improve the position of the limb."

## Developing Action.

Every horse is naturally endowed with more
ar less capability to display himself, tut whether or less capability to display himself, but whether
lie improve or mar his natural tendencies depends upon the education or training he receives. Many of the best show horses have acquired their proud a few being possessed of these qualities without the aid of leachers. The education of a young horse to methods of good behavior is not a very ing a hatit, and habits It consists in developing a habit, and habits once acquired soon beused to improve action, one of the most common is to use weights in the shoe, on the hoof, or in Che shape of ordinary fine bird shot confined in a rather tube, on the ends of which are a strap skin and strapped around the leg just above the Another plan is to exercise the subject over a bed of straw, or other resilient or springy material. The yielding of the straw at every step his feet high to clear the ever-presents and lift The old practice of threshing peas on the barn floor, by treading with horses, was one of the sest means of demonstrating this method. In some cases a ditch three or four feet wide is dug
and filled with straw, tramped and filled again until the straw is level with the ground. In this ditch the horse may be worked until the necessary amount of daily exercise has been given. way ties along the ground at regular interyals according to the length of the stride of the horse. Over these ties the animal is trotted,
being forced to pick his feet up high and clean to clear the obstructions. Deep, soft snow is also a good substance in which to exercise a horse
to develop action. These are some of the common methods that can be used on any farm, but other practices more complicated may be necessary education is peing given, In all cases where education is being given, care should the taken not of lifting the feet is only acquired when the mus cles are strong and fresh

THE FARMERS ADVOCATE.

 their bearings, when all other paris are crrect,
Fig. 2 is a common shoe set in pontion, accond
ing to common sense, with e cunt on sides, and equal ground hearings on hoth sides. well. For a very cluse going horsh or go ver This shoe, when properly set, will hat re rig. If ency to spread the horse's action. Of course, any weighting, with this peculiar set, will keen the colt or horse from doing any very serious damane long the in ide heel calk, having a larger ground bearprop, as it were; now, by having a tine calk lim the outside and tuoked under the foot, we bring against going in bear upon it, insuring the ankle raised or lowered to suit circumstances, as no the the ground bearin. It will be platinly seen that fillerent. The latter will serve as a hind er, as well as the hoorse that interferes behinga great extent this shoe and you counteract do. Of course, spur heels belong to weight may ing used on some trotters in fast work; no good
$\qquad$ indy colis
Importations and Customs Valuation of Horses.
In the "Farmer's Advocute" of a recent issue, ada, and the evil effects that result from the that is encouraged by such a policy. During the last couple of years this has become a live ques-
tion with those who have at heart the interests 'f our horse breeding and ranching industries of tions of Manitoba and the Territories framed, fassed and forwarded to Ottawa resolutions urgas to make impossible the arter the regulations Canada, practically duty free, a host of wo in than useless horses. These associations have
wisely followed up their memorial with one in rather more tangible form, and have sent, in Associations a other Canadian horse-breeders bers of the Government. Wade, Toronto ; I'eter Christie, Manchester; Joh Bright, Myrtle ; Henry Robinson, 'Toronto; Wim.
Hendrie, Jr., Hamilton ; Wim. R. Stewart Leod, Fred Richardson, Columbus; J. M. (iard Ir. Creamer, (Qu'Appelle. Those Toronto, and Inent present were Sir Wilfrid Laurier, Hon. Mr. he poor deputation urged that the importation of they be valued sufficiently high to make it unmotitable to bring them in under the present
duty. In 1903 there were about 21 non imported into the West, over seventy per cent or Which were practically unfit for agricultural purtroduced a poor class of horses, and paved the way for poor horses for generations, but also so
deluged the market that a fair price wis not forded the breederig of a good class of not af Horses were needed, but not those that were such a decided detriment to the country. Reference tion which pro abuse of the bomestead regula the commery may bring with him for his own use irequently brought in, duld Many are thus lor two years, as the regulation requires, are im
$\qquad$ tallons. Many suthers when conting aforuss then ing horses. This, they wi cly considered, should montul to the industryld not help thut be detriof a national register for all classis establishment it live stock under national control. The record, mportation of animals free of duty, by reguiring In roplyint in to first registered in it. said, regarding the general importation of scrup sock, that owing to a question of tariff being inThe abuse of the clause respecting settlers' ef-

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| that undesirable stock were brought in under it, there was no reason why prohibitory regulations should not be carried out in the most effective way. <br> The Minister of Agriculture, Hon. Mr. Fisher, thought that instructions could easily be issued to the customs officers, relative to what pedigrees they should recognize. While fceling that under the American regulations regarding the importation of stock, Canadians had a right to feel hurt, he did not think it advisable to proceed in the same spirit that had prompted them, but in such a way as to safeguard the interests of our stockmen from unreliable herd and stud books. He was confident that arrangements could be made with the Minister of Customs that would meet the requirements of the case without legislation. Referring to the nationalization of herdbooks, he said that if the live-stock men of the country asked for it, the Government was prepared to carry it out. Closing, he mentioned the mecting of live-stock men to be held in Ottawa in March, when this question, among others of fortance to the live-stock industry, would be discussed by remesentatives from the different organizations of the various Provinces. <br> Stock. |
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## Lord Polworth on Selection and Mating.


which prevails, and is much exaggerated. I reier:
to in-and-in-breeding. It is true that in all

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 mander, mrought orer Irom canada by
Aluy
hylmer, minght come to reaus enate the old
hlo Nours faithfully, - Pote. POLWORTH
 st. 13oswell's, Scotland, and favored the Mdlo cate", eaders with a deccription of the Mertoun
herd, and other items of interest connected will

 Pure-bred Live-stock Records
$\qquad$
 his maintain the fertility and breeding qualities of
his stock. To do this without destrosing type is one of the difficult problems ever requiving
solution. ${ }^{\text {Pr }}$ Probably in modern times the late Mr. A. Cruichshank has been the most striking
illustration of this. He hal many families it
in herd
 judgment. Then, as is so well described on pages
637 and 638 of Mr. Sanders book (Shorthorn directly with his blood. He could not have done
this had he not his this had he not had a variety of females, and When $\begin{aligned} & \text { knew his herd when that famous bull was } \\ & \text { at the head of it, his herd was decidedly of a }\end{aligned}$ uniform distinct type. That type was admirably
adapted for the country and the purnose and has been righty appreciated in many directions.
My reference to this, however, here, is to indicate that to breed on stich a system requires a certain toum herd being all inbred, there are 25 diflerent tammes, or sub-familics, so that even when com-
paratively few bulls are in use there is little of fact, I am at present brceding irom two bulls of a family I have hardly ever used in the herd,
iz,, the Townley Butterfly, and another from the family which produced the sire Rapid Rhonc,
the progenitor of my best show cow, about thints years ago. This will, I think, correct the mismursued in my herd. At the same time, I have
nerer known any stock prove really prepotent finf Herer known any stock prove rearly prepotent tor
good which was not bred on detinite lines.
To turn to the flock, the prersous remarks mas erfually apply, only the larger number of females
rendrs difierentiation easier. Reference is made to the repurchase of sires sold. No doubt I have thus got a certain distinctivencss now and then, young sires as appear to me in flock or herd best
adapted for the want of the time. No doult this means keeping back some of the best, and ever, elen this year, I did not hesitare to retain In stock breeding, as in other things, one has apt in the end to prove disastrous. Moreover while the production of sires is generally the main tention to the female side two, because wore the we have no fecords (ind and slich are wanted than males, and because the recorts being, so far as we honow, considered doubt a good sire is half a herd, but the best dian cattle, of which in Quebec for French-Cana As it was sears ago, certain strains take the ary, but whether a society directs it we are not shows, but if Ámos Cruickshank had not followed aluable cattle he bred would not have existede
a may not have the same tyme an wy iden
a

## Watering Animals

egular watering of all panimimels on the tarm. The

JANUARY 27, 1904
associations, he paying his own office assistants
The fact of the registrar's office being in Toronto The fact of the registrar's office being in Toronto and part of his salary paid by the Ontario Govprevailing in some quarters that the records ar provincial, while, as a matter of fact, the Provincial Government does not control nor regulat

## Our Scottish Letter

Many problems await settlement in connection arith the feeding of slock. These are being varisee the subjects discussed at Guelph bore on this to some extent. Here we resulting in useful we hare had various tests, resulting in usefur lessons. A test combining carried out at Cockle Park the Northumberlang Experiment manured with different forms of plant fasture wa manured with aster not merely by the apperic of the pasture, but also by the succoss attending the grazing of sheep on the various plots. These Mutton experiments. They have suggested similar lines of inquiry to other experimenters, which are being eagerly followed up. Recently the
relative values of superphosphate and basic slo have beerr tested in connection with a sheep-feed ing experiment on turnips. The result is somewhat of a surprise. During the earlier stages of the test the roots grown with superphosphate
yielded the best results. They were the heavier crop, and the sheep scemed to make more rapid progress on them. By and bye the scene changed; the roots grown with basic slag were the better quality; they were of greater feeding
value, and lasted longer, with the result, when the slaughter test came into force, that the mutton grown on the basic slag roots was superior and the sheep fed on them better by 15 per cent. than those fed on the competing roots. This is
the sort of experiment which educates. Farmers learn from it not only which educates. Farmers but also a good deal about feeding. One of the sensations of the hour is the new
variety of potato called Eldorado. It was brought out by that potato-growing expert, Mr. Arch are not more than six tons of it in existence Four pounds of these potatoes were sold ai Smithfield show for $£ 600$, or about $\$ 750$ per pound. This is a fabulous figure, and puts out things being worth their weight in gold. It must now read, "Worth its weight in potatoes." "The
production of new varieties of secels of all kinds s one of the recent agricultural developinents toes, and has produced some of the most successful varieties ever put upon the market. The average life of a new variety seems to be about
ten years. Disease at first is the new kinds. By and bye they seem to lose the power of resisting the ravages of the fungus, of the race, and now sorss have come into being Nearly all the great seed and rout firms give atsome fail. Mr. Findlay confines his succeed, and potatoes, and has had wonderful success with several varieties. At present Eldorado is in its infancy. The favorite, because more plentiful, is lay's creations, and is is another of Mr. Findbeen before the public for a longer time. It has Eldorada, and a greater quantity of the seed can be bought. It, too, was selling at an abnormal Mre at Smithfield.
There is no doullt that the vigorous M. P is ace. man of the moment. It looks as if he would Fun the Empire. On the whole, I should be disposed to say that he has a very large body of
opinion in this coantry at his back. Whether he opinion in this country at his back. Whether he
has a majority of the electors will not be known until the gencral election comes round. The net result in the political world so far has been to
disintegrate all existing partios. The sectional cleavage is amazing, and Mr. Chamberlain's own the rest. The main question with one is, "What would te the effect of Mr. Chamberlain's pro-
posals on agriculture?" "That Canada and other colonies wolld benefit hardly admits of question. produce here would only intensify the keanneas of as to contend. With which the British farmer proposed fiscal changes is what I do not undersupporting Mr. Chamberlain all he knows, and Reports have come to hand regarding the great shows at Chicaco and (fuelth I I am glad to see
that Canada has been doing well in the bir conexceedingly strong hand in the black horse, Cdirnexceedingly strong hand in the black horse, C\&irn-
hill. He was a good horse

THE FARMERS ADVOCATE
ports to Canada in quality of che Clydesdale ex good lot of horses left about a fortnight ago. \& Richardson, Columbus, Ont. Mr. Richardson number of horses from Mr. Peter Crawford equal gavel, Dumfries, and Messrs. A. \& W. Mont-
gomery, Kirkcudbright.
He had some horses the gomery, Kirkcudbright. He had some horses that
will take a bit of beating. Two or three of the have made their mark on this side. They are big, well-built animals, with plenty quality and weight. I should say that Smith \& Richardson Toronto spring event. Other shippers by at the late steamer were Messrs. Camplell, Alvinston Grahain, Carberry, and Irving, Winchester, Ont These gentlemen had horses got by champion Mr. Richfardson had horses by the Hiawatha. an's Pride, as well as Hiawatha; the grand horso Moncreiffe Marquis, sire of the champion gelding at Chicago, and the $\$ 5,000$ horse, Montrave Mac champion horse, Holyrood 9546 the celebrated who is one of the most enthusiastic Mr. Brydon, the Clydesdale breed in Great Britain, and President of the Clydesdale Horse Society, has prepetition at the Glasgow Stallion Show comhorses competing must pass velerinary exame tion, be approved stock-getters, be recistered in the Clydesdale Studbook, and be up to 16.3 if a three-year-old, and $17 \mathrm{~h} . \mathrm{h}$. if a four-year-old or Brydon has always been wn and girth. Mr. horse-any other kind being practically unsalable in the north of England. The Clydesdale can hold his own with the best if he gets a chance, and Mr. Brydon's big trophy will bring out the The Departmental Committee, which has been sitting on the question of fixing a standard for they fixed the maximum of moisture at 16 per ent. If more than this percentage of moisture has heen tampered with, and the merchant selling
it is liable to be prosecuted. When the com it is liable to be prosecuted. When the comquality of butter, apart from the question of the themselves in a difficulty. Their report isy unanimous, and I should not be surprised to see malter that all manufactitcee unanimousty recommends compelled to employ a slight margarine should be onl in mixing their product. This would sesame impossible the substitution of margarine for but-

## Wheat for Hogs.

principal hog feed in the Viwstern and Midut States. At the Nebraska Fxperiment Station
they have been conducting some experiments anow the comparative value of wheat and corn. per cent. greater gains than the same weimt nine years ago beuth fed as a single food. Some equal in pork-producing found 481 pounds wheat. corn, and Ohio in continuing the to 458 pounds 438 pounds wheat to pro luce one hundred pound will, while of corn 453 , ounds were reguited. pork-producing foen that wheat is a very valuable it has been found to give almosted for one day is when ground.

Sheep Notes.
Sheep require a variety of food to form flesh and fat.
With hass of stock, care must he than with any othey feed. and ruinous to the farmer. Dryness is one of the requirements in the probut all sheep should be allowed to die of old ago, ore their vitality has and sent to market be Sheep are naturally gregarious. When one is In commencing to fatten sheep, the feed should not be crowded at first, but, gradually in A smalt, fat sheep will always wing betrer prices than a large, poor one.
Sheep are almost essential in maintaining the Kep $)$ the cluanters clean. Sheep do not need the accommodation of manure to keep them To have good-sized sheep they must be grown rapidly while young, and it is important to give When sheep lose patches of wool from thei and is usually the result of improper feeding. Sheep thin in flesh have weak digestion, but grain too heavily. are easily injured by feeding and makes considerable difference in the quantity he strength of the wool whether or not the When early lambs are expected, especial car order to avoid losses. Keep the dry quarters, in thrifty condition. bad toethe or sheep that from any cause have bad teeth, should be fed ground feed. Suchi
sheep are rarely profitable.-[Scottish Farmer.

## Lord Polworth Enjoys the Farmer's Advocate.

Scotland,
INear Sir,-1 excellent paper, which I always read your very feneficont and apreciate, especially the wholesome suited for the farmhonse fireside for voung and

American Breeders' Association.
ers' Association, was organized as the American Breed
the heseminning of this year. The Mous., Mo.
the assuctiation is stated by the constitution to be, "To
study the laws of breeting. and to of expert of plants and animals by the development Unot. Hon. Jas. Wilsom, Seretary it has as its Presi Hays. Minnesota school of Aericultury, Prof. W. M shin is, so far, compused mainly of the leating college With the men who have it in charge, a userful and Reports coming from different districts in the range combiry of Alberta and Assiniboiat indicate mane is atre willtering well. In some case


Camp on the Cochrane Ranch

THE FARMERS ADVOCATE

## Farm.

Concerning Soil Moisture



GROUND FLOOR PLAN


FIRST FLOOR PLAN
Rattle of the Harvester

Would be a strenuous and continuous rattle
the harvester from January 1 st to December 31 s during every hour of the twenty-four of each dit This is not only novel, but, from many stand
points, important. For instance, with the pres ent facilities for communicating with every hat few weels at the farthest to load wheat righ it to any possible famine center that might de velop in any part of the world. So it is clearly
apparent that with the proper impulse of charit. there need never the a famine in any of charit world, of any great duration, at least. In
dentally, also, wheat-growers may learn fro
these facts the magnitude of the wheat belt. these facts the
llowa Homestead

Temperature of the Soil.

grain inspection are difficulties connected with The Grand Forls Herald, in lealiner with the ". A very large mumber of the furmers heliev fluenced in many cases by a desire to curry favor
with tle elevator interests, and there have been sone occasions on which this has been proven sonie occasions on which this has been proven.
Possibly the extent to which this unfairness exists is exaggerated. But the conditions seem t
cncourage rather than disconiage it. Grain raisen in North Dakota is shipped to another State, and is inspected under the laws of another State, h absolutely no contrul, in whose anpointment he any way. If frand is committed he is obliged
oo call on the antlorities of another State for

Distribution of Seeds
des of seed grain to farmers who apmly for sam upplicant in lots oi four wounds of outs to the pounds of wheat or barley. The grain will be in been grown at the Experimental Farm, Indian Brandon Experimental Farm for Manitoba. $\Lambda_{i}$ plication should be made early to the Director
Experimental Farms, Ottawar desire to grow a certain variety of grain, farme the advantage of getting the be of of seed has has only to find out by practical test if it an suitable to his marticular locality hefore sowing much money saved by taking adrantage of the

Mammoth Clover at Brandon.
made an interesting cxhilit year, C. Langstal erience In reply to an enguiry regarding his ey writes the "A Adycate" legnone, Mr. Langstafl in an old berry patch on his farm for the thowing fie years, its only protection being a fence on the to the height of three fect. Tie has saved some cear. The "Farmer's Adrocate " would be glat With this or other varieties of clover, either in

## JNUARY 27, 1904

## The Daughter's Portion

 Sir,-A writer in a Scottish paper recently as prevalent in the British Islands as in Canada, days, has the the hobgobins of our child exod ing, for the most part, unnoticed, most of all, by the very persons upon whom it fastens itself most firmly. $<$ This malady is a somewhat difficult one the most affectionate and "feeling " of people, one would be inclined to think that its chief symptom is insensibility; and were it not that it is to be found in those who have never yet evenbeen obliged to wear "spectacles," one might think its presence due to an alarming degree of short-sightedness at least, if not partial blindness. In short, the malady which many of even the best people are guilty in failing t
The daughters come into the world helplessly, utterly irresponsible, so far as their existenceorchoice and that is all there is to be said about it. While growing up they are, in all probability, in June, free as the winds that blow, with no thought of the struggle for food and clothing and
shelter which engrosses the great mass of mankind, and should be a matter of disregard to none. There are brothers in the family, too, and too likely to come a day of rude awakening. Possibly the father dies, and the old home passes into the hands of the eldest brother. This
brother soon finds someone more necessary to his happiness than the bevy of sisters, who now become somewhat in the way. The "upshot" of it all is that, one day, he brings home his bride, and from that hour the sisters realize that, much as
they have loved the old place, hard as they have they have loved the old place, hard as they have
worked in it and for it, for them it is now no longer "home." At last they know what it is to say, "I have no home." mind one which, we have no
case. We have in mind hesitation in saying, is duplicated-no, multipliedmany times over each year inl, every ounship in had a large family of boys and girls. All worked at home, the girls doing as much, in proportion to their strength, as the boys, and the family was an exceptionally happy one. Some of the girls
married, but there were still three who did not. married, but there were still three who did not.
At last came a year in which both parents died. The entire property fell into the hands of the to the girls. In a short time the boys all married, a neighboring girl coming on the old
homestead. There was no disturbance. The homestead. There was no disturbance. The
sisters did not expect their brothers to remain
"single" more than thirty years of age, they found themselves practically turned adrift on the world,
without any experience in breadwinning, with without any experience in breadwinning, with value, and with a pride (albeit a false and foolish value, which made the idea of going out to domestic service as gall and wormwood to them. Bitterest of all was the thought of leaving the
old home which their hands had helped to make old home which their hands had helped to make
beautiful, and which was invested with the sanctity with which "home" can only be enshrined to a woman.
Yet, girls left in such a predicament as this must live. They cannot remain where they ar alternatives--they must either marry somebody at once, or turn out and earn their own living,
Possibly there is a chance for a happy marriage Then the problem is solved in the easiest way marriage may not present itself, or one may come girl's nature. Rather than face the Charybdis of the future, filled with the horrible things with which her imagination, all untrained in the ex many a girl, more willing to put up with evils unknown ills in knocking about the world alone
lets herself drift with the current, and marries the man she does not care for, simply for the sake of the home he can offer. Only when it is It is true that. occasionally. the girl who " marries for a home" seems to come out all
right. He may prove better than she thought. aning cort form easy with food and clothes, and money to spend. But
to the highly-strung. intellectual, finely-constituted girl the experience is a different one. She can

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not attune her sensibilities and longings for the
highest and best of things to the lower level highest and best of things to the lower level of
one who is, in every way, perhaps, coarser and one who is, in every way, perhaps, coarser and
less noble than she. She feels that her promise
to "love", has been a lie, and that she is living
far below the standard of the ideal wife she has
thought of. she feels that her whole life is a living lie, and little wonder is it if she becomes
warped and soured-the very opposite of the woman she would be.,. Such a career as this is truly " death in life.
many parents the onis
many parents the only thing seems to be to get spectable," well-to-do fellows who offer themselves. It is worth remembering that there are respectable people and respectable people, and
that the matter of temperament is quite as imthat the matter of temperament
On the other hand, suppose the girl has enough strength of will to form the decision of making
her own way in the world, unless endowed with especial talent or ability, her path is not likely to be strewn with rose leaves. Perhaps she is
willing to encounter a few thorns, but she has a willing to encounter a rather continuous thorn is likely to be the trouble of finding a desirable situation. Constitutionally,
she has not the strength to turn her hand to She has not the strength to turn her hand to raining nor experience, she is likely to encounter So the question arises, "How may the girls be provided for?" The Hindus of earlier times
solved this question very casily by dumping the solved this question very easily by dumping the superfluous daughters into the Ganges, but, since
our civilized government might interfere with such a proceeding as that, it would seem that
something else must be done by the parents who profess to hold their daughters dear.
In aniswer, we shall quote from our Scottish problem, seems to have hit upon more sense than nonsense . "There are some things." he says,
"that the French manage better than we, and ne is their systematic attempt to make a provision for their daughters. When a baby girl is thrift-hegins to lay past a yearly sum for he dowry. Let the infant have a bank-hool from her birth, and the father add to the account
every year according to his means. When she every year according to his means. When she
reaches woman's estate, this sum may form her marriage portion, or it may put her through a father's income could stand. It may stock poultry farm, or start a market garden, or it may lie untouched, accumulating till the day when
she will be left. homeless. The surest. provision of all is to put her in the way of earning her own livelihood. Farmers' daughters are so fortunate 1 y situated that many of them can stay at home and have a business of their own at the same
time. Let one make a practical study of poultry, or cheese or horticulture, grasping at al branch. Not only will she be worthy of a wage at home, hut in case of need she will have " good chance of finding a situation elsewhere.
We believe in our Scotish writer's advice that it hurts no gi.l to have an independent
means of earning her own living. Whether the choice be dairying, or gardening, or poultry-raising or teaching, or sewing, or cooking, or journalism, or typewriting, or bookkeping-whatever it may he-her training in it should he as thorough as
possible. There is little room in the world to-day possible. There is little room in the world to-day
for unskilled workmen. Moreover, the work should he congenial, It is not enough to say "Mary must sew," or " Mary must teach.' Mary's taste and ability should be consulted
She will probably have hard work to do, no matter what line she enters upon, but that work may be a happiness or a misery to her, according as it is the thing she is adapted to, or the contrary. By all means, let Mary feel that she
has strength within her right hand, and that the fear is forever removed from her. In one way in closing : Setting entirely asid
may prescribe in the Old I and, when the Cana man should do in good haalth), why should not the daughters receive a fair share of the proterty

## The Object of Tillage

## he texture of the soil. By texture is memp th.

 size and arrangement of soil particlus. An idmaltexture is one in which the particles of earth are direction and sill teadily in any for plant support. It must aloo be open enoug search of food and sufficiently firm to hold the roots in place. The ohiect of all well-directed
effort must be to brine ahout this condition. But the methods of procedure must denond uron the physical nature of the soil and its mineral and vegetable content

An Inexpensive lime kiln.

should be lined with hard rocks. The limestone and be built in a conical pile, and the front a chimnes: NORE SIMPLH wiy. A more simple way of burning lime, if omly
nall arge rocks on level ground. Immediately ove
the arch place a layer of good, dry wood, then yer of limestone, and so on alternately to the least a foot or fourteen inches thick. Insert draft : keep a good fire burning beneath the arch will take four or five days to burn the lime sumf Ciently. Be sure that the lime is thoroughly ooled before it is disturbed. WFSTERN FARMFR

The Wheels of Wagons

## With the object of throwing some light on the

 Tuection of the influence of the width of tire and Missouri Experiment Station conducted some The series tests, a summary of which is here given and dirt roads in all conditions, anton bastures, cultivated fields, stubble lund, etc. With a net road of 2,000 pounds in all cases, three sets in wheels were resten, as follows: Standard-Vedium-front wheels, 36 inches rear wheels 40 nches Low-front wheels 24 inches els, wheels, 28 inches." The results obtained and conclusions reached were. in brief, as follows: For the same load, wagons with whieels lower whels. The difference in favor of thelater standard wheels was preater on road surfaces in bad condition than on good road surfaces. Low wheels cut deeper ruts than those of standard in wasons vagons with low wheels are more convenient then standard height. Wagons with hroad tires and wheels of stand-
ard height are cumbersome, and require mach oom in turning. Diminishing the height of whee inches in the rear. did not increase the draft in enience of proportion as it increased the confarm freight. Diminishing the height of wheels creased the draft in 30 and 40 inches rear ingained in convenience. On good roads, increasing he length of rear axle, so that the front and cutting weels will run in different tracks to avoid On sod, cultivated ground, and bad roads wagons with the rear axle longer than the front the same lenget. Wagons with the har wale



## How Trees Breathe

Ces also take in oxygen from the air throuch thir leaves, and through the minute openings in riised s, callerl lenticels, such as the ollong lirch and cherry and many other trees, says a breathe and plants, like animals anmals oxygen and breathe out carbonic acid gas. This tree, goes respiration, or the breathing of the less active than day and night, but it is far only in the lioht Conseruently more carbonic acid gas is taken into the Iree than is caven out growing.-[Farmers' Review

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## Dairying

## Breeding the Ayrshire Cow.

 about the Ayrshire cow, and various theories have been put forth as to her origin. About we we do not profess to know much. One thing we do know, we have now a distinct dairy breed, deavor to hring to the highest stater will ention, both as regards highest state of perfec her rent-paying cas and also principally on the Ayrshire. In Ayrshire, it is of the farmers have to depend for paying thein rent, and it is of the greatest importance that produce the preatect a stock of cows that will smallest amount of feeding. To know thoroughy about breeding, youl must. serve your thoroughly trade, watch all the various habits of the cow, and study the different strains.A great difference of opinion prevails as to what are the proper points of an ideal cow, but well agreed on that point. The greatest trouble is to produce what you would like to. following are what are considered the The cow should be of good size
The head, a medium size, with the muzzle broad ; wide between the eyes, and the eye clear bright and standing out prominently. The forehead should be wide, and the horns should stand
well up, but not too lone nor good width between the tips
The neck should not be over-long, but free from any thick fleshiness.
The shoulder should be firm, with the blades fitting well into the body. The fore shoulder should be well placed into the animal, and not sticking out prominently. The animal, when not hind the shoulder, and should be well thickened out and deep around the lungs and heart, so that The back should to straight, and the ribs well sprung out from the back.
The hook bones should
prominent, but not too wide and pointed wide and and a high cutting shoulder means extra ford to keep the animal in decent condition.
and the tail should lie nicely intg and square, thighs should be fairly thick, but not bulred The and beefy, and the hock should have a nice, natural curve. The cow should have fine, flat bones, show good substance, be deep at the flank, and The skin should be fairly thin thigh. overed with a nice, silky coat of hair.
The udder, when filled with milk, should be and up behind. The running well onto the belly and hang perpendicularly: be should set well apart, a little pointed; have a nice thin skingth and silky feeling. The milk veins should stand out
 The animal should be ahle to move in and ensy way, having a nice jaunty grait.
All these points are not necessary for milking cow. A great milker may be almost any shape. The greater the number of these points combined with a good milker, the greater will be
the value of the animal. Cows of that descripthe value of the animal. Cows of that descripat any time
Having secured the ideal cow, the next point to produce something equal to and better than either, if possible. The selection of a good bull is of the greatest importance, and to that the
breeder should pay great attention. The points for a good bull are mult attention. The points
seribed for ane as those described for a good cow, only have him stronger
in all his points, and having a good masculine
ournen
those two poin $\qquad$ escribed as as many as possible

The Outlook for Dairying in Canada. Many people run down pedigree and the animal Should a proper view be taken of it, there would be less said against it. There is no such thing as an unpedigreed animal. Every animal has a
pedigree of some sort. Some have their nas Nedigree of Some sort. Some have their pedigree pedigree kept. Since animals show a stron tendency to breed back to some of the various greatest importance Should no record of their pedigree the strains cannot know the strains,
Ayrshire fact that an animal is entered in the Ayrshire Herdbook makes that animal no bettel nor no worse. An animal should not be bough
merely because it has a properly-recorded gree. Examine that pedigree, and if you there find two or three strains you know to have been good doers, count value on that pedigree. If on the other hand, you find two or three stratins
you know to have been bud doers, have nothing to do with that animal. In that case the ani mal is the worse of having her pedigree record ed. To anyone who has not been following ul of studying the difierent strains, pedigrees can bo is pure-bred as far back as the pedioneo anima does not give any idea of what sort of an animal he is likely to get, further than that the It is his own loolded, should she have won any. what sort of blood hie has there. In and learn in making a selection, somere. In that case, should be employed who has been studying the positiont strains, or who, at least, will be in a blood. The greater the number good or bad good blood you have in an animal, the greater tendency will that animal have to leave good off$\underset{\text { In }}{\text { spring. }}$
lasses, namely, those shown as one and two year olds (termed yeld stock, and those shown as Win as a yearling and two-year-old take a prize In a cow in milk.
oo little attention in milk in this country, far eral appearance of the animal, and the size genleats. In very many cases a good big, useful sel and like wiving good-sized teats, a fair milk resa small, plain cow, govin quantity, is beaten hy vessel, not very large teats, and not very tight looking. In that respect, the Canadians are ahead of us in judging cows. They seem to are and without doubt these are the more profitalle animals in every respect Many people count a good deal on the color taste. The most fashionable color now is white the ese more readily, and look. They take washed clean. For many foreignttier whe brown and white of a distinct fleck is the color The feeding and management ing, but in this short article in successful breed


## Marketing Butter.

Thuse who possess the knack of making butte the product of many farm dairies, often make the after it is made betore marketing it. It will found that however palatable it may be, and made, it will have escaped after too long keepins Even when transported long distances it loses it that butter which possesses to a large degree this much-de-ired flavor deteriorates muche duagree thit this, the farmer's wife who makes a superion lence should endeavor to dispose of the for excelto local trade, or, at least, sell it so near hom that it will not be but a day or two between the
churn and the consumer. This can be easils managed in almost any locality where there is market for it by securing a list of private cus-
tomers and furnish it to them direct as they need
it. This class of tomers and furnish it to them direct as they need
This class of patrons is much more profit
whe year in and vear out than the city hotels or
few years ago most people thought that maximum in in Canada had almost reached its many also who believed that we had raise were standard of quality to nearly as high plan it was possible to get it. Further, it was erally considered that comparatively lower prices would have to be accepted in the future. Ineed is say that the prophets have been agreeably det appointed, and all calculations completely uptwo seasons records and experiences of the past ports hate increased which period our annual exprices have been maintained at an extronordinarily hat leel. Again, it is admitted on all hands has satisfied OUR CHEESE
before. The British demands better than ever may be accounted for as follows: cheesemaking industry ;
(2) extension of the conditions we favorable for the production of milk; and (3) the and induced encouraged patronage at the factories, cheese instead of butter. The most interesting point in this connection, and one which contains a aluable lesson to us, is that the high prices have were of such a superior quality as to the cheese steady, strong consumptive demand which a quantity the accumulation of stocks in sufficient fact it to glut the market. As a matter of kept the price up It should bive demand which if we can determine the factor or factors which sati been instrumental in bringing about this improvement which has would say that the marked of our cheese during characterized the quality to the better methods emploved in its produring equipment general improvement in buildings and quantity, and also to the fact that a large iced cars a cheese was carried to Montreal in the culture, as well as by individual shipt of Agrithere is no doubt that the remaringly, but weather which prevailed was the main factor in past two che standard of our cheese during the of the output of Canadienthated that the value years has been increased to the enorme past two of least $\$ 5,000,000$ as the result of these fayoninto condirions, and this estimate does not take based simply on the increase production, but is considered an average value under ordinary be cumstances. This sum, divided among 3,200 cheese factorics in the country, means over
$\$ 1,500$ for each one, which amount, if applied to the improvement of curing-rooms, etc., would go those conditions which have proved so beneficial On the whole, the present situation is full of en out very placed on a safer and cheese industry may be No stronger argument is needed to show that great importance of maintaining lower tempera tures in the curing and transportation of cheese.
These somewhat abstract deductions are fully corroborated by the practical results of curing auspices.
I venture to say that those engaced in and nitude would industrial enterprise of cqual mag such a sure means of incrensing themelves of ir operations.
$\xrightarrow[\text { different }]{ }$ be over. In the first place, the fact should no competition in supplying Great Bry much keener no competition comparatively small quantity, which varies greatly to decrease year, and, on the whole, is likely diminishing, and will undoultededy supply is also anishing point before long as reaty reach the frows. Some people are fond of dilating on the Americans, but that is hardly correct from the the of cheese has increased eighteen per cent. in bulk of it now finds a petter years, but the and only the surplus is exported. It must not be assumed that we can afford to be careless indfferent because we have the trade practically In our own hands, for if we do not furnish the Wrants he will eat very much less of it, and the rade will we lost in that way.
rass of it, and the OUR BUTTTER.
$\qquad$
from Denmark, New Zealand, Australia, Russia and the Argentine. Large quantities are in does not meet ours in such direct competition as superiority of Danish butter is well known. sells for one to two cents a pound more, on the average, than Canadian. Yet, some Canadian butter is just as fine in quality, as evidenced by
the fact that it is frequently sold for Danish. New Zealand butter is securing sold for Danish quality, and it has the further advantage that every box of it is exported under a thorough grading system, by which it is divided into thre grades, so that a buyer knows exactly what he is getting. The imports of Russian butter into
great Britain have increased 700 per cent in eight years, and the authorities there are sparing no yefort, to increase the production, and at the same time improve the quality. The Siberian Butte $\$ 90,000$ is being spent this year statement that tion alone, in European Russia and Siberia. mention these facts not to discourage butter producers, but to show exactly what we have $t$ contend with. That is a very important thing in buttermaking and the intelligence of our dairy men should enable us to cope with any competi dion that we may meet, but we must exert our selves to do it. Slipshod methods will not suc making to-day is better facilities for controllin temperature and keeping the butter COLD im mediately after it is made and until it reaches the consumer. Butter is often found by actual test to have a temperature as high as 54 degrees when de-
livered in refrigerator cars. How many creamery managers ever put a thermometer into a box o butter to find out how the temperature is main ery refrigerator is only an apology for that necessary part of the creamery equipment. Anothe defect in our system is that there are too many men operating creameries who are almost wholly ignorant of the requirements of the business. proprietors or managing directors. The manage not, stands in the same relation to the patron who own the product, as the manager of any Surely, then, it is the business of the patrons to see that their milk is manufactured at a place where the manager knows his duties and performs them. Unfortunately, the average patron thinks interests by squeering the price of manufacturin down to the lowest possible limit. The result is that the price for making both cheese and butter is ahsurdly how-to low to expect good service has increased of late years, and the more exacting demands of the markets call for additional outlay. It would be a much wiser policy on the part of the patron to pay a fair price and the a pound, properly applied in the manufacture atrons that difference which now exists ing for price of Canarlian and Danish butter. Indeed, there is easily one cent a pound difference in the
selling price of different Canadian creameries. How mary of the patrons whe the ceamer realize that it is almost wholly a question o As it is to the export of creamery butter of ther expansion of the dairy industry in Canada it is important that we face these questions with

## Give the Address.

hame of readers are overloaking the rule must be accompanied by the name and address of the writer. This is imperative. We cannot,
l:ndertake to deal with enquiries that are frivolous or which may not be genuine. We gladly expend large sums to furnish our readers with trust-
worthy information, and do not requine the nimme for P
iaith.

## A recent anecdote atout litlle Prince Edward of Wales shows him to be no greator a lover of tudics

 than his grandparents, the present King and Quewn ofEngland, were. The ithle Prince has tasto for arithmetic, and all thinks else mathematical. land theer put in the corner for his naubltiness. Not long arg, when he saw his poverness take olut the books
nnd slates heady to provare for the day'u and slates ready to prepare for the day's lessing in the
particular branh of education he atove all uthers dis
liked, he said, quietly: 1 don't beliece Ill do rithmetic to-day I'll go into the corner again, if you deaving a much
van to be done

THE FARMERS ADVOCATE
 those that have porocel thafl wimer las ine


Poultry.
Producing a Laying Strain.
Now that incubators and rearers have reached why every farmer should not take adsantage oi hem, and aim at a higher grade of poultry than time to select the birds to breed from ior next winter's layers.
In hatching out chicks for winter laying pulcts, it is best to use eggs from one-year-otd be hatched tetwen the cock-; the chichs should then they will not moult the first, concon and May. first twenty-four hours no food should be for the as they are provided for by nature for this time. then give hard-boiled eggs and bread crumbs mixed with milk that has hall the chill taken introduced, mixed stiff enough to crumble : ititer wheat a few groats (hulled and crushed oats ol
whould be giren, also a little finoly chopped green and underdone meat
$\qquad$ hours, and when a week old the last feed at night that they have a liberal sumpley of puro was sec which should have been previously boiled. Do
resident the sole the fancy of the
good old days. The short. and. we istence. Politices
was allowed to parently, fenthers and politics did not ruption ensued. dis-
luther
later Later a Mr. Bar-
tlett essayed his hand at associatio, making, and with About ${ }^{t}$ he year
1888 anl
exhibition of poultry was held in the oll
Wesley Hall, and
the tilles of thosiy old shows woull membersh io or as
mbout twenty, and
athe ahout 200 i, ir ids Thos Headersoz's Earn, Sirathcona, Alberta.
 Wey the dict as much aspmosible throngh the Ladid. J. Lemon, Man: Mr. Hinman, S. Wise, and them to a house porided with weeks old remove them lie on straw until their bones are set-they bones than if and less liable to crooked breast have plenty of sharp, grit. As stom as you are them to them to separate pens, and dow mot let any mald
birds run with the pallets mintil the middle of
Senter September. It is well that omy on few birds bo if more are kept it will the mecmsary to have two
cooks. We have oflem iomme this to loe the anst

The Result of Overfeeding

 quickly treated will soon die. Such troubles are generally causer
ard to a rather dark place of mode aromen First of all give a good purge of limand mith of three grains a day with a powder composed of soda: mix with a little moistened flow ata put over the bird's throat. A few drops of acid n an earthenware vessel) drinking water (keen acidulate it) will helpt as much as will slightly away from all male birds or other feathered stock orth such treatment. ammon hamdone fowl is not werth such treatment, but many a fancier would

## The Manitoba Poultry Association

I gleaned from him many reminiscences of the oultry fancy during the early dass of the Prov-
 heir admiters, and under the leadershap of Cap alas ! few are left of the old was formed, but alas! few are left of the old guard. S. Ling


Rolston. Wxhibitions were held annually Inder the auspices of this association until 1899 :
the show was held at Brandon. The membership during this period had been increasing, and in${ }^{\text {cluded }}$ many names from country points besides randon, notably J. Kitson, of Macdonald, an.l The Manitoba association having been launchell fanciers as arovincial ansociation. the Winnipent In 1900 Winnipng held the exhinition, Mrammen wath in 1901 . Winniper in 1902, and in $190:$


 thar have mat nety


 Conuitlam, B.C.
$\qquad$ Musines a depunt was wasted that is a little ind qion the Poultry Assoriation a grant front and in poiled shins, standup collars and well heaned boots the deputation gervously awaited their int roduction to the great man
But, alas, along comes "Jimmy" But, was, along fomes "Jiminy." "Jimmy" he reason of the clmat boots and boiled shirts.
$\qquad$
 ing a black cigar, and had his hat cocked, at the places during : Jimmy's .. introductory speeche which ran thus: Jimmy's "introductory speech. ". Here, Mr. Premicr, here's some henmen here, come to pull your leg. They know better'n I da What they want, so l'll leave 'en with you."
And "Jiminy ", left; later we left : and later And "Jiminy "' left; later we left; and later for they didn't get that grant. has been surmounted, and mow the Manitobal Association stands upon a pretty solid foundation. But it must grow, not merely in numbers
within its present sphere but by increasing interest in other localities, forming associations in other towns, and sending the annual exhilis tion to those towns to stimulate and increase the
poultry industry in and about those various

## Ducks and Winter Laying.

except the Indian Rumner breed, and yet eggs at this
time are very much wanted time are very much wanted by those who hatch and
rear early ducklings for market. The egra of the Runner can be had without much difficulty, but this breed is of little value for the purpose referred to. A
breed which grows quickly and puts on plenty of foch breed which grows quickly and puts on plenty of flosh
of fine quality is what is wanted. Good condition without being overfat, is what is demanded in the with comfortable quarters, and supplied with pood and stimulating food. Animal food must form a liberal
share of their diet. share of their diet. Ducks can stand a lot of this,
and during the winter they lay all the hetter former Cooked vegetables, such as cabbage and turnips, are also very necessary, and should always accompany a
diet rich in nitrocenous elenents are diet rich in nitrogenous elements. Mere fat-producing necessary to supply the carbon demanded by the iow temperature of winter. In this respect, corn meal is
useful, but should be comhined with one-third its bulk
of bran A cross between Pekins and Aylesburys often produces ducks which have a tendency to lay earlier in the
winter than the pure-bred parents, and it often suits to cross these birds another year with pure Aylesbury
drakes. When Indian Runner ducks are crossed with Aylesbury drakes plenty of early eggs are secured, and if this cross is again mated with an Aylesbury male the results are generally very saltsfactory. Eggs can
usually be got at the time they are wanted, and the ducklings grow fast, and put on a lot of meat. If the the latter cross, at any rate, ranges himh up and everything considered, is very satisfactory.-Ex. and,

## Manitoba Poultry Show

 The prize-list of the annual Provincial Poultry1xhibition being held at Brandon, Jan 26th 29th, is a well-prepared volume. It shows liberal prizes for all the breeds of poultry represented in
this country, and a few slecials of more than ordinary value. There will be an auction sale on the last day of the show, when farmers desiring
to buy pure-bred specimens of the feathered irithe
will have an opportunitns of

## Sipiary.

Getting Started with Bees Among those who have hogur.
with resolutions to be better and to yon fotter during the next twelve months, there are some homes more cheerful and more interesting for the
young folks arowing provide an additional way to and, incidentally: purse, by placing a fay to put money in their
doorvards already received go to show. These enquiries so go to show that not all who have mide thicommendable resolve have a knowledge of beekeeping, or even know how to beyin. They are
timely, however, and besides replying privately it timely, however, and besides replying privately it raised, throngh the columns of the "Advocate,", could not fail to he of benefit to many others." 101W TO STMIT, AND WHERE TO LOCATF

## Events of the World.

## Russia vs. Japan.

Reference to the map will, pernaps, help to make
references to the Far East question more intelligible.
To the north is Siberia, Russia's great tervitigible.
northern Asia, traversed by the Trans-Siberian Railway,
which, running from St. Petersburg in Europe to Vladivostock, is about 6,585 miles long. Lake Baikal, over which trains must be transported by ferry, greatly Manchuria is nominally a Chinese Preatest drawback.
Prove, rich in undeveloped resources, with a territory about six times as great as England and Wales. Manchuria has, however, been drawn almost completely under the Russian
control. The branch railway ruming from control. The branch railway running from Kharbin to
Port Arthur was bulit by Russian caplal in order Russia might have a port (Port Arthur) which would be free from ice in winter. Corea is an "independent". country, at whose head is an elmperor. Both Iapan
and Russia have coveted the possession of Coren and Russia have coveted the possession of Corea, and
Japan's anxiety as to the continued occupation Manchuria by the Russians is due to the certaint that, with possession of that Province, Russia's next move would be to obtain Corea, a consummation which would be full of menace to Japan herself, and prevent
$\qquad$
Rich gold fields are reported from
White Horse, Yukon. Access to this place is
easy, and a rush easy, and a rush of miners is predicted for the place is

Within the last two weeks, $\$ 5,000,000$ from Jajpan has entered the United States to pay for wheat, flour
and munitions of war. Russia is also buying heavily from the U. S.
tire wealth capps are in danger of starvation. Their e
the inclemency of the weather during this winter and last spring, and the scarcity of reindeer-moss, have
been dying out, leaving the Lapus in a deplorable state

## Montana are almost completed. The selection of Mon tana has been made by General Joubert, on the reom- mendation, it is said, of Jas. J. Hill, President of the mendation, it is said, of Jas. J. Hill, President of the

Colombian troops are reported to be on the march or them, and to the number of the Isthmus are ready for them, and, to the number of 12,000 i, ishting men,
have enrolled to defend the three passes access can be had to Panama. The Isthmians siich that at these passes a few soldiers con keep at bay a great
$\qquad$ Thornley, an engineer at Burton-on-Trent, Tinglend leter is said by experts that its development may result in railway engines running twice the present speed at one half the cost, and that by its use steamers may
possibly be enalled to cross the Atlantic in possibly be enalled to cross the Attantic in 'hree days.
It can be worked either by compressed air or thy ctamm The latest news from the Balkans is to the effect
hat the situation that the situation in Macedonia is becoming every day
more critical. The military forces sent ly the Turks more critical. The military forces sent by the Turks
o keep the peace have ejected the people from trair ats, and have taken possession of them themsolves. hope, and are fast berculing
 n
which the Bulgarian Revolu-
tion Committee hopes Revoluabout in the spring. in
anticipation in ment, the Turkish troops have
begun to
concentrate Kumanova, on the road leading to the Bulgarian frontier. complicated, is as follows: The Macedonians (under which Serbs and Bulgars who live
in Macedonfa) have ized that under the sway
the Sultan of Turkey can make no advance in civi
ization or prosperity. More
over over, they have been dis-
tressed by heavy taxes, rob-
hery bery and the insecurity of
their lives in a country of
Mohammedan rulers, to Christians' lives are of less
account than those vermin of the earth. Acain out in revolt, and have croken
called
pon the powers of Furone to
intervene in intervene in their behalf, but
without avall. In Octoher everal brushes with the the Thad
of life amounted up in the hundreds. Through-
out their struggle, the Macedonians have had the sympathy and aid of the Bulgarians, who have thus embroiled themselves in the affair. Their demands have
chiefly been for autonomy, or self-government. Neverchiefly been for autonomy, or self-government. Never-
theless, it is generally held that the rebels must realize that they cannot form a peparate government of any stability, and that, since their main desire is to escape
from Turkish misrule, and, at the same time, to avoid from Turkish misrule, and, at the same time, to avoid
the possibility of Russian rule, which they dread, they the possibility of Russian rule, which they dread, they
would not object to partition of thelr territory between Bulgaria, Servia and Greece. Coveted by Russia and Austria on the north, by Italy on the west, and harassed by persecution within, the Balkan Provinces
are indeed in a precarious situation. Word has been received that Moosha G. Daniel, a Persian who attended Knox College, Toronto, Snme
years ago, and who lectured in various parts of the Dominion, returning subsequently to Persia as a mis
sionary, has been murdered by Mohammedans. Mr Daniel is also known as the author of "Modern Persia," and other works. As he took out naturalization papers as a British subject while in Canada, it is likely that the British authorities
to his untimely death.
The advice given in the first bull issued by Pope Pius, which was recently given to the public, is worthy of consideration by Protestants as well as hy the
Catholics, who will, no doubt, be influenced by its pacific teaching. It has been princtpally directed, in the interests of peace and the welfare of the social fabric, against the actions of lawless strikers. "Labor-
ers," he says, " must not damage the property or injure the person of their employers, and must abstain
from all violence." on the other hand, he demands that capitalists pay fair wages, and that they do not
impose on their employees tasks beyond their strength. British and Continental Jews have formed a Jewish Emigrants' Information Society, whose purpose is to supply to the oppressed Jews of Europe, information as to the most suitable countries for the establishment
of Jewish colonies, also to aid emigrants in obtaining of Jewish colonies, also to aid emigrants in obtaining
transportation, and in getting settled in new lands. Leopold de Rothschild and many other prominent Jews are named among the directors of the Society.
Letters received recently in India from Colonels Younghusband and MacDonald state that the British
are encountering many difficulties in proceeding through are encountering many difficulties in proceeding through
the unknown, mountainous regions of Thibet. They have been met at various points by bodies of armed
natives, who, however, have, as yet, permitted them to natives, who, however, have, as yet, permitted them to
go on without further molestation. Much concern is evinced in Russia as to the object of the advance, but
the report of the dispatching of Russian forces has not the report of the dispatching of Russian forces has not

Fielà Notes.
The Winnipeg Poultry Show will be held during
" Life is not so short but that there is always time
$\begin{aligned} & \text {." We live through our days of happiness without } \\ & \text { noticiner them. It is only when evil comes upon us }\end{aligned}$
$\begin{aligned} & \text { that we wish them back."-Schopenhauer. } \\ & \text { Mr. Sam Wilson, of Stanwood, Iowa, thinks he has }\end{aligned}$
he largest calf in America. When twelve months old
C. B. Halpin, proprietor of the olds Oracle, which
installation of a new printing plant at olds.
$\begin{aligned} & \text { A man in Seattle, Wash., sold } \$ 400 \text { worth of winter } \\ & \text { hubarb from a house } 20 \times 100 \text { feet. It is said that }\end{aligned}$
hubarb may be successfully forced even in a cellar.
$\begin{aligned} & \text { ". Small things swell the farmer's balance at the } \\ & \text { pank. Poultry, intelligently kept, never lose money."- }\end{aligned}$
Warmer and Stockbreeder
$\begin{aligned} & \text { Edson M. Crossman, N. Y., has succeeded in pro- } \\ & \text { ducing an apple that is green in color with }\end{aligned}$
resembling that of a watermelon. Its flavor is said to
Mr. J. D. Farrell, " Jim " Hill's confidential repre-
sentative, says that the discovery of anthracite in the
$\begin{aligned} & \text { sunsmuir Comor coal fields is full of the greate } \\ & \text { signiticance and will work wonders for Vancouver. }\end{aligned}$
farm horses in the U. S. S. bear blemutshes from tarbed
A dispatch from Liverpool says that at the exhihi
ity, the Canadian exhibit is by far the largest. of
$\begin{gathered}\text { course it is. No need of a dispatch to tell us that. } \\ \text { A new steamer, to be called the "" Canada Cape," }\end{gathered}$
(will shortly be launched on the Clyde for service be
fourth on this service.
$\begin{aligned} & \text { orate if poorly feds and cared for. This is the real } \\ & \text { cause of many a man's'failure to get out of highly-bred }\end{aligned}$


A farmer in Indiana last summer tried to get a
divorce from his wife on the grounds that she solda all
the eggs the hens laid when they were ten cents a dozen I'erhaps, after all, when one considers
food value that is in eggs, one might feel tempted. feel some sympathy for the poor fellow.
The emigration to Canada from England last year
amounted to over twenty-five por cent. of the totul amounted to over twenty-five per cent. of the totul
emigration from British shores. That is, out of
$250,000,60,000$ have found homes in Conada. Two years ago 10,000 represented the extent of English emigration
$\qquad$
$\qquad$ creased prosperity to the district at harpn, amill al.
prove, individually, promoters.
 Senator fouphredt, in whorn the whelk holl said to be over $\$ 100,0$ is not I . thinking that cream s.pparatum "nce duatmantinas


 the daint
Russians !

Jas. J. Hill, President of the Greal Northern Rail-
way, sicaking at Minneapolis iately, dwelt upon the inobare Amitity that Chambercan trade to such policy, if adopted, will Le a surplus of from $20,000,000$ to $30,000,000$ bushels
of wheat, unless new markets are opened. He spolke hopefully of these markets being found in the Orient, learning to cat bread made from wheat flour. It haffles the mind even now to imagtue the quantities of
wheat which will be required when China's $400,000,000$. along, with the hordes of the Russlan steppes, the Per-
sians, Afghans, Hindoos and all the rest of them, get o eating up-to-date Western bread and mumins. An Irishman was filling larrels with water from a
small river to supply a village which was not provided with waterworks. As he halted to give his horse a
rest, a gentleman rode up nod asked:
\& How long have you been haullng water, my good
$\qquad$ ". From tin to lifteen, nccordin' to the weather, sor."
" Well, Pat," said the gentleman, laughing, " how much water have you hauled all together ?"
The Irishman jerked his thumb in the direction of to start, and replied: "All the wather yez don't sed Again the outlook regarding the stuation ir. the Far
Gast has changed somewhat. Press, all Europe is tooking for a peaceful settlement This hopeful view of the case being induced by the fact
that the Czar, under friendly pressure of the European Nowers, so it is said, has intimated to the Jupanes to the Japanese demands. Some excltement has been caused by the recent dispatching of 40,000 Russian
troops northward from Port Arthur, destined so it in reported, for the Yalu River: but the authorities have
declared that this is mo indication of an immediate outtreak, and, oll these promnds, have refused the apppica-
tions of numerous war correspondents who wished to snirit is still stronk. The Japandse lewiteve that wo Edmonton Jottings.
$\qquad$ Bulfalo, New York. Mr. Fisher is of opinion that supphins will be brought from (ireat Slave I ake for shpment to Renstern markets in the near future. The White Whale Lakess.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
 are hillmed, dressed and cured for home consumption and



With B. C. Lumbermen. News-Advertiser as saying

Dominion Shorthorn Breeders' Annual

Canada's Flour in Scotland. ycars. Now the Postal Department at Washington i
asking for an appropriation to investipate the feasilit ity of using the telephone in communicating special In New York City, the sacks of mail are sent whirlin
through pheumatic pipes direct from the post office t

[^1]The Late Wm. R. Stewart.

## Alberta Jottings



## Implement Men Meet.

 Implement and Carriage Association, held in the Board good attendance, and the meeting was lively and en-thusiastic. The tenort for the thusiastic. The report for the past year showed the
adoption of a few rules and the accomplishment of a few undertakings which will be beneficial to the Society
and to the implement trade generally. It was reported that while the trade in implements had grown during the year in conjunction with the immigration, the num-
ber of people engaged in the trade had increased out of her of people engaged in the trade had increased out of proportion to the expansion of the trade itself. In six, which has increased to thirty-six in 1903. This doing business in agricultural implements in Winnipeg. The officers elected for 1904 were: H. W. Hutchinson,
President; Jos. Maw, 1 st Vice-President; A. E, Mott, 2nd Vice-President; A. G. Watson, Secretary
There is every indication of a busy year ahead of
the Association, as there are a number of important subjects which will have to be passed upon. With the
unity prevailing amongst the members, however the duties will be as light as possible.
A banquet was held on the evening
reeting, at which there was a good attendance, and a most of the Association are: To foster a social interest to tween the members, to get better freight rates and improved facilities for machinery freights, and to forward
the interests of the acricultural implement men wener

## Minneapolis Flour for Japan.

 the shipment to Japan within eight days of 100,000 arrels of flour by Minneapolis millers. The prepara-tions for hostilities on the part of Japan was doult less, the explanation of such an exceptionally high aggregate of orders, though the Japanese Government have done no direct ordering. The orders may be rean emergency, hut war or no war, the flour was bought and will be used in Japan, and if it can be used there that country in it is required there, and a trade with which only requiress a lititle organization ind develop-
ment. With our fast increasing area oi what in Hudson's Bay Railway tories are becoming more thickly settiied, the possi-
bilities of trade for a northern railway system terminating on the shores of the Hudson's Bay become more
and more apparent. The Yorkton Enterprise, writing , our farmers need only look at ur imports and exports to any other Canadian outlet.;
Hudson's Bay Railway is a project that has long and import facilities as grows, with for increased export Rounthwaite Grain Growers Organize. was held in the Rounthwaite schoorhouse, on January Sth, for the purpose of forming a branch of the Mani-
tolia Grain-growers' Association. After listening to an able and practical address given by Mr. R. McKenzie, ly showed the benefits which had accrued to the farma branch was formed, with the following officers:
President. Geo primele President, Geo. Pringle; Vice-President, Wm. Bertram;
Directors-W. Hall, Peter Elder, T. Sedgwick, G. J. Calgary Business College.

Blackfalds Farmers Organize

Manitoba Committee on Agriculture.

Whssp. Rollin, Greenway, and Messis.

Calgary Exhibition By-law Carried.




## A FAIR BARBARIAN

## by frances hodgson burni

 CHAPTER VII.-Continued.Capt. Barold turned to confront her,
evidently annoyed at having allowed a evidently annoyed at having allowed a
surprise to get the better of him. All
expression died expression died out of his face.
. I travelled with her from Framwich to Stamford," he said. "I suppose w.
should have reached Slowbridge to gether, but that I dropped off at Stam-
ford to get a newspaper, and the train left me behind." who had turned to look. "how very
pretty she is !" Miss Octavia certaInly was amazingly
so this morning. She was standing by
a rosebush angin. so this morning. She was standing by
a rosebush again, and was dressed in a
cashmere morning-robe of the finest texcashmere morning-robe of the finest tex-
ture and the faintest pink: it had a
Watteau plait down the back, a jabot of Watteau plait down the back, a jabot of
lace down the front, and the close, high seemed to be a weakness with her. which
Her
hair was dressed high upon her head and showed to advantage her her head, and as much of her slim white neck as
the frills did not conceal. But Lady Theolald did not share
Lucia's enthusiosm Lucia's enthusiasm.
"/ She looks like an actress," she said. "If the trees were painted canvas and
the roses artificial, one might have some patience with her. one might have some kind of thing
is scarcely what, we expect in Siow is scarcely what we expect in Slow-
bridge." Then she turned to Barold
I I had the pleasure of meeting her
yesterday, not long after she arrived, yesterday, not long after she arrived,"
she said. ". She had diamonds in her cars as big as peas, and rings to match.
Her manner is just what one might expect from a young woman brought up
$\qquad$
$\qquad$
$\qquad$ versation entertaining."
"It is scarcaly customary for English she had enlarged opportunitices for stand
ing the nothe example set before her hy
young women to confide in their mascu- Slowbridge. tent. ' remarked my lady grimly. She did not confide in me at all,"
said Barold, "' Therein lay her attrac-
tion. One cannot sulmit to being' Contion. One canmot sulumit to being. 'Con-
fided in' liy a strange young woman. however charming. This young lady's in its official The arrival of the message
remarks so alarmed Miss $\qquad$love. L-let someone else do that. necessary to apologize for you on the
Poor-poor child Trust in Providence, score of youth." single eyeglass into his eye, and scanning
it after the manner of experts. "I did
not think youl had onything of not think you had anything of that sort
here. Who put it up?", replied Lady
"The man's name,"
Theolvald severely ""is. Burmistone," " rretty good is isa, isn't it?" re-
marked Barold. "Good for the placemarked Barold. "Good for the place-
and all that sort of thing." "it To my mind," answered my lady,
"is ise worst possible thing which
could have happened." Could have happened."
Mr. Francis Barold dropped his eye-
glass dexterously glass dexterously, and at once lapsed
into his normal condition-which was a condition by no means favorable to argument.
isn't it, so ?" he said slowly. "Pity, isn't it, under the circumstances? ". Pity, for her ladyship to do but preserve a
lofty silence. lofty silence. She had scarcely re-
covered herself when they reached the covered herself when they reached the
station, and it was necessary to say station, and it was necessary to say
farewell as complacently as possible. many days," she said with dignity, if Mr. Francis Barold was silent for a
second. And a clightly second, and a slightly reflective ex-
pression flitled across his face. tainlyanks, yes," he said at last. "Cershould like to see more of Slowbridge."
When the train had pufied in and of the station, and Dobson was driving down High Street again, her ladyship's reclings rather got the better of her.
"If Belinda Bassett is a wise woma , she remarked, "she will take moman,"
vice, and vice, and get rid of this young my ady as
soon as possible. It appears to me," soon as possible. It appears to me,"
she continued, with exalted piety,
" that every well-trained English reason to thank her Maker that she was
born in tring born in a civilized land."
"Perhaps," suggested Lucia softly, Miss Octavia Bassett has had no one to
train her at all ; and it may be that that she even feels it deeply . be that-
The feathers in her ladyship's " Srembled. does not feel it at all!" she announced. "She is an impertinent-
minx ! "
$\qquad$
$\qquad$
$\qquad$
$\qquad$
such an order are certainly to he or
avia, who received it without any sur

## ANUARY 27, 1904

## Travelling Notes

## Christmas, and New Vear.

 will both have come and gone before my notes can reach our read-ers, but in imagination we shall have " foregathered" without the aid of Atlantic cable or Marconi's wireless telegraphy, for we shall in across the waters, and we shall have received in return, yours for us, just as certainly as if we had heard the words with our mortal ears.
I think I have already described somewhat in detail visits I paid of the places upon our present list. therefore, to these 1 must make but brief allusion now. Should a little repetition occur here and there it with the my old notes, and on that plea I hope to be excused. Our plan on leaving home was to see what we could of Antwerp, Brussels, Cologne, the Rhine, Heidelberg, Florence, Rome, Nice, Geneva, Berne, Lucerne, and Paris, "A and then," said one of us, " probably the poorhouse for the rest of our lives." We are now, on 21st December, at
Heidelberg, on the point of starting or Munich, where we hope to spend stay of a week at Brussels, a most lovely place, and well worthy of more visits than one, for not only are secOnd impressions often more lasting than the first, but one cannot always
take in at one view all there is to see anywhere. Brussels abounds in places of interest, and in treasures of immense artistic value. It has thousands of pictures in its art gal-
leries, and many fine buildings, amongst the most striking of which was the Hotel de Ville, or Town
Hall, where, for the small fee of 50 entimes, or 10 c ., one is shown over every delpartment. In one of these,
by the law of the land, every one without exception, has to be married, whether or no they have gone,
rier intend 10 go , through a religious
or ceremony besides. We three spinsters were a good deal amused at
witnessing one of these functions, at witnessing one of these functions, at
which, in short order, for it did not last longer than five minutes, ten couples were married at one stroke, the magistrate dismissing them with "hat seemed to us a jabbered in-
iunction, "to sort themselves," an

## THE FARMERS ADVOCATE

easy and pleasant task cnough fo
them, but one for which he evident $1_{y}$ did not hold himself re-ponsible. arm, to their several carnages. let us hope that they all may but greatly interested in the lace wery irom whence comes the beautiful Brussels lace so dear (in mor
senses than one) woman. We were shown the pat the Princess Beatrice, which for 200 women, working constantly for tion. On asking the scale to perfec paid to lace-makers, we were wage. that they were very small, ranging rom 15 c . to 30 c . per day, Think Canada, ye women workers in happ. your lot where honest toil casting fair reward. It seems an anomaly that with this pittance paid to the toilers, lace can be purchased for fal less in old London. My cousins
were amused at some of the ${ }^{\text {al }}$ curious ways" of the people curi whom we found ourselves, many them not without their advantages; for instance, the hanging of mirror at the outside of their windows, at is passing in the street can see what ing from their chairs, and also be come aware of the identity of the ringers at the door-bell before giv ing admittance. They were struck, as 1 had been, with the general use
of dogs in drawing the small mill and vegetable carts, and even cows, being put between the shaits of a vehicle large enough to carry a
whole family at one time. I would Whole family at one time. I would ty shown. No, indeed, on the contrary, the good moolie in cold weather had usually a warm blanket strapped across her back. Perhap:
we were more unuleasantly we were more unpleasantly impressed
by seeing the very hard and unwomanly work which women have to do in Germany, and the exposure to which it subjects them. We sal them in the fields plowing, spreading top-dressing, and grubbing up the work which must be a great strail upon their strength, or so it seemed
to us, but which appeared to undertaken uncomplainingly enough. Two days was all we could give


Rhine, entrancing
mantic scenery; each with its
less castles having its story number
rounding it than that matnce $s$
Heidelberg, which is the ccownil
glory of this garden of Germany: grandly. Nell, more getting charmed with each new place, nev have I heard her say that she w and this straight back to Australia, In England she was always returning she has a round-the - world ichet. Eleanor is an indefatigable thing, until 1 am beginning e everyalarmed lest she may find her way into the lockup, for infringing one
$\qquad$ chasing us, because we had crossed railway track and got upon the for we did not know one word the were saying, and vice versa, Howfaily, when once they had got us right place laughed, and hey laughed, and we not only peaceably, but hilariously, from Munich $\qquad$

The Doctor
This beautiful and touching pic-
ure, by the celebrated artist Fildes, is well known, and has been widely copied, and no wonder, for it tells a story which goes straight to whe heart. There can be but few sympathy with those grieving ones who, in wordless agong of suspense "to die"? verdict, "To live" or lies hovering on the brink, and scems as though already gone over to that great and mysterious beyond, so inne s. tes. B.it this is not death, for
there sits one who, with rare slisil helfed by God's mercy, is straining every nerve to bring back to strength this frail flower. The whole figur

The Twins at Culleston Manor in 1685.
heir not for a few years after Dolly and Retit to Culleston that story, with its mineling of whote wins asted heroism, of those arber Couttina Culleston, whownthel and Curth always called .. the brave litt lated to them enourh Nurse had re their minds a very keen interest, a well as a sense of pride, in belonging instoric events had taken part in and a half ago, and this interentury accentuated when their grent-aunt Rebecca Lemorne, sent them as pupils Castle changes after generation of the dueneration the county families of somersetshire and to be educated at which conferred a As they passed through the curious y winding corridors, slepped up an cornens stairs placed in unexpected lidences, in the deep embrasures of Small-paned windows, or sat upon the backless benches (for what girl filly suppoit but her own linclapone of the room allotted for their hours of study, the whole place was peopled


The Doctor.
for them by the twelve
little maids of Taunton, litule maids of Taunton, White matds of Taunton,
which formed the contin-
kont contrilouted by thein
 bow-knots of blue-the
Mommouth colors-hearing
each each at flag and following
the banner their hands had wrought, with its fatal in-
signias of a royalty to signias of a royalty to
which he had no claim, marhad to welcome the
rebel Wuke to Tamnton in
1 lis.). Monmoulh had but lately landed in baglami,
to bivink. as it winc.anmel
$\qquad$
$\qquad$
lanit gat mote trations than
circuit, 300 were hanged and 800
sold into slavery in the West Indies,
100 were awarded to the Queen, and the profit she made on them was
1,000 guineas. Gireat sums were
realized by the fudge hincelf and realized by the judge himself and
others from the sale of pardons.
Twenty-four (some saly young girls of Taunton who presented
flowers and banners to Monnouth flowers and banners to Monmouth
when he entered their town, were ar-
rested and given to the maids of
honor of the court as their share of the spoils. Two thousand pounds
were paid for their escape." were paid for their escape."
Truly, even thus pithily told, has SOME RECORIS FROM THE OH
CABINET AT CHILESTON CABINET AT CULLESTON
Dorothea writes: "June 20th, 1685, Castle Green School-My flag
is finished at last, and 1 have been
able to help Retina with bers able to help Betina with hers.
There was more work on hers than
on mine becauce she on mine, because she had to em-
broider the alms of Tauntor, whilst. mine was just a drawn sword and at
motto. We chose our own designs and some were mightily pretly ones,
zach meaning more than did seem at a glance. That with the biggest
meaning of all had a crown worked upon it, and, oh, ir our cause is lost,
it will go harder with our dear little Letitia Lamorne than with the rest
of us. For though we keep saving. " We shall win! We shall win !". we older girls do know that there may
be real danger for us, even in the very small share we are allowed to take in England's great deliverance. You
see there is such a miphty enthusiasin see there is whole countrysida, men, either duly equipped with arms or with no other weapons than scythes and reaping hooks; men on horse
back, men on foot, men springing up hill mushrooms by day-dawn fron mouth! A Monmouth!', that we be ready. The king's militia have known to he Royatists keep within
doors, and it is contidently asserted that the King himself trembles on his something, indeed, to be proud of triumph."
Bettina write $\qquad$ ". The great day is over-a day, main in our hearts, whatever may
betide. I thought no girl so sweet in face and gracemil in carriage as she should be the favorite of the
mistress and puriis alike of Castle Green School; tho wonder young has eres ion any ond is the womlen was
 nany people will be surprised on
hat day. Some who feel satisfied that they have sown much seed may ind that they have been watering it with pride and vanity, instead of
with prayer and humility.
Only God an give the increase, and He loves
o honor meek souls who seek to

In Due Season, We Shall Reap."
$\qquad$ some "The Sowers," which throws sow, who thid what she had hittle to She loved the Master, gave only quiet
words, sjolen, or "traced with timid pen!" Her seed sprang up, often unShe, who timidly had scattered
Trembling line ob whispered wor Till the holy work grew dearer, Now her Master's own voice he (alling shining throngs around her,
All her own fair harvest found. Then, her humble name confessing,
With His radiant smile of blessing All her dower of gladness crowned.
he had planned to sow much seed to fill broad furrows, and to watch but God gave him other and less at tractive work to do. The willing on a bed of sickness, but he was not idle. From that silent room floated When seeds of thought and prayel Cross of pain he was down the heavy ful throng of happy souls. Who art thou? I never saw thee Said he, marvelling." Well might he marvel and rejo c grown and increased. These are the Words that issued from thy chamber Turned my darkness into light,
Guided footsteps weak and weary, Through the desert witd and dreary Through the valley of the night.
Come! for many another waits thee! Through the ecstatic revelation of their endless exultation, frother tactat his Another consecrated his musical
tallont to the Master's service, and to Nont to the Master's service, and to
$\qquad$ 1, wading on a white-robed chorus,
sweet as flute, and yet sonorous As the many waters' roar. Me who sang echo of thy song! it cold hearts glowed and dim eyes glis tened,
And we learned to love and long
till the longing and the loving Soared to Him of whom you sang. Through the glory all-excelling,
If the Jasper arches rang ?,

## The Right Way

When he came joyfuly forward to he met a herd-boy, and the follow and lay the full sheave.s of hit his feet,

 seed had no bright grains of thought or fiery words of power to give, s he sowed, prayerfully, the words o
others-lending books or convin helpful verses. In the harvest time he only expected to rejoice in the jo Great and gracious words were spoke Of his faithful service done,
By the voice that thrills all By the voice that thrills all heaven
And mysterious rule was piven To that meek and marvelling one.
$\qquad$ ing a wondering world how glay showhappy anyone world how glad and ways holding the Father's hand and
$\qquad$
$\qquad$ Hastened on with footsteps lighte
Battled Battled on with courage brighter, Till they the lessening ' little while,

## Where the weary are at rest. Could that

Could that little one forget the In his dear home safe and blest ! On his throw, so fair and tender.
$\qquad$
$\qquad$ the weary monotony of helplessness thinking that she could sow no seed speak no words for Christ, only,
suffer and be still," found that she
"llso hat Aso had a share in the great harvest song. Round her, too, were piled
golden sheaves, although she had golden sheaves, although she had others and no use at all. Thousand. Thousand-fold her bliss !
While His cup of suffering sharinet He was wiloriously meekly hearing, inedard, but he does not into Hi Kiner same work to do. Some of casion, unwilling to, whare the spoile cades, who with some of their con unathe to join in the fight. David
setuled the
$\qquad$
$\qquad$

The Old Rail Fence.

```
With their happy truant wave
```

$\qquad$
$\qquad$
$\qquad$
$\qquad$

Dear Friends
To-day I have the privilege of giv-
ing you an article which has been
sent in by "A Farmer's Wife," to
whom the subject was suggested by
our recent competition topic. It
gives us the question, "How to En-
joy the Winter," considered from a
mother's standpoint. We think the
observation that the species of
amusement must be suited to the
disposition of the individual, is well
taken. There is little use of forcing
on one what one has positive dislike
for. At the same time, as "Farm-
er's Wife "has said, it is possible,
to a great extent, to lead children
to like advisable forms of recreation,
one of which, most certainly is the
habit of reading, and of choosing
good literature. On the other hand,
it must not be forgotten that it is
just as necessary to train the bookish
child to like taling physical exercise
regularly. 'The parent, in every
case, must study the child.
How to Enjoy the Winter.
How to Enjoy

## milght develop hospitality to meet from house to house. house to house. The evenings spent in preparation the pleasant walks or drives to and from the gatherings; the consciousness that you are improving yourseli, and, it may be, contributing a litle to the happiness of others, must be a source of unalloviod unatlosed pleasure, Imust be a source of unve described only one form of ammusement for wite evenings, many othirsment mitht winter We have also, to-llay, a letter fuot an enthusiastic lover of Dickens. have enjoyed this letter very much, and must congratulate Miss McTavish on her faculty of being able to form pretty solid judgment on that which she reads, as well as her faculty in telling her orinions in few and crisp words her opinions in few Tavish would like Perhaps Mise M <br>  <br> - <br> The Advocate <br> in the Home.

That the Farmer's Advocate is fast becoming the women's paper as well as the men's, is very clear to us from the numbers of letters filled with praise of it which the women send in to our offices. One woman wrote recently: "We have to drop some of our papers, but the Advocate will not be one. We find it to be the greatest help to us." And this is only a sample of many that we receive. We are glad to know of this appreciation, and assure our readers that we are trying in every way to deserve it. We are sparing no expense to make the Farmer's Advocate the most attractive and useful paper that enters the farmer's home. Indeed, few people, perhaps, have any idea of the amount that it costs to run a thoroughly high class paper such as ours. But we are determined that the Farmer's Advocate shall maintain its position at the very top. We ask the readers of the Home Department to tell their friends of our paper and get them to subscribe for it. Push the Advocate. You will be helping both your friends and adding to the welfare of the country by doing so.

## A Plea for Dickens



```
bawh)
water quite "arm, or warm tho flour
and wrap warmily, This will berecedy
in the pan, then turn on a warm board
depenas on this much of the success
cut oif a piece the size of a way is to
molding, lay on one side of loaf; after
commence at the first. and shape into
place to rise: This method a warm
and easy, and any farmer's wife who find
breadmaking a task should give it a
We are very grateful to Mra By-
hor ready response to our
come again with many other practica
Mggestions. DAML DURDEN.
```


## Domestic Economy

solid food aids the systomence from

Cloths (flannel) wrung from hot ater often relieve neuralgia and

If hiccoughs do not yield to the usual remedy of drinking water very and dissolve it gradually on the tongue.
Heartburn can be immediately got about half a teaspoontul in half glass of water. It makes a pleasant ctiervescent drink, cooling to the

The best treatment for a bruise is an immediate application of ho Tomentations: after that, witch
hazel, vinegar: and hot water or atconol and water, put on wi
bandage and often monistanal.

Sprans require prompt treatment. bathe the part in water as hot as can be borne, and then swathe in compresses of witch hazel, changing
as each becomes dry. pentine for a bruise or cut. It will smart for a moment, but takes out
every particle of somess in in every particle of soreness in an inathed bind on andl heop it wet. With

THE FARMERS ADVOCATE


## The Foot-bath

A foot-bath can be given in bed
rut a blanket over the lower sheet Put a blanket over the lower sheet
and pillow ; let the patient lie on it and pillow; let the patient lie on it
upon his back, covered by another blanket, with the upper sheet and re-
mainder of bedclothes over that, and mainder of bedclothes over that, and
take off all clothing, slipping it over the head. The patient is now lying between two blankets. Tuck them
in around the neck, and then arrange the rest of the bedclothes, tucking them in also, in such a way
that the sheet comes around the face that the sheet comes around the face.
The upper sheet may be taken altogether. To do this, hold the blankets at the top with one
hand, and pull down the sheet from under them with the other ; then fold a towel over the blankets around the
face. Now spread a large towel under the knees, and, standing at the side of the bed, place the tub upon it, the patient putting his feet in at the same time.
THE KNEES MUST BE HELL BENT
or the patient will not be able to
get his feet in comfortably, and the tub will very likely upset. Another person may hold the ends of the bed-
clothes up a litule to prevent them irom getting wet, or one corner may
be folded back from the feet to the knees while putting in the tub, and all can be done without uncovering
or chilling the patient. Let the or chilling the patient. Let the it. After a few minntes take out a
little with a small pitcher, and put hack the same amount of hotter water, keeping it well above the
ankiles. Truck in the clothes all about the patient and the tubs all few flatirons will help, not placed
next to the body, but on the outside next to the body, but on the outside
of the blanket covering the patient, of the blanket covering the patient
and well wrapped in paper.
$\qquad$ should be placed under the chin on
side the bedclothes, to prevent side the bedclothes, to prevent
feeling of sulfocation sometimes perienced just before perspiration be-
gins, and a cloth wrung out in very gins, and a cloth wrung out in very
cold water must be laid on the fore-
head. This is vers imm.ontant, amd
$\qquad$

|  |
| :---: |
|  |  |
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|  |  |
|  | shodld then he wash difl under the

h, lankets with warm water, to which a handful of common salt may lie added, and dried with a clean
towel. Wash the back last, and when that is done, and the patient
is still lying on his side, take the end of the llanket underncath hime middle of the led, finally pushing it under him as far as it will go easily, here will be no trouble in pulling the remainder of it out on the other
side. lnut on the night garment. side. lut on the night garment

 thick syrup. Keep it warm, and
take a teaspoonful ireguently to 3. Lemon juice is grod to rub on
the hands and face at ledtime to the hands and face at hedtime to , e-
moore lan and clear the complexion
but dilute but dilute it with water, whe it will 4. Lemon juice will , ynickly remove 5. A glass of lemonade tak en every morning will sometimes prevent biil-
ious attachs. 6. I comon juice is more wholvsome


Why He was Not Promoted.
He watched the clock.
He was always grumbling.
He was always behindhand.
He had no iron in his blood.
He was willing but unfitted. He was willing but unfitted.
He did not believe in himself.
He asked too many questions. He was stung by a bad book. His stock excuse was "I forgot.'
He wasn't He wasn toady for the next step. work. He learned nothing from his blunHers.
He felt that he was above his position.
He chose his friends among his inferiors.
He was content to be a second-
doing things.
He never dared to act on his He never dared to act on his
judgment. He did not think it worth while learn how. tried to make "bluff" ta the place of ability.
He thought he
He thought he m
ment every evening.
Familiarity with
Familiarity with slipshod methorl
paralyzed his ideal He thought it w
coarse and profane language. to usc He was ashamed of his parents beause they were old-fashioned.
He imitated the habits of He imitated the habits of men w He did not learn that the best par envelope.-[" Success."
$\qquad$


Insect Pests.
Sometimes, during the winter, house plants become infested with inthem from things of beauty into ob jects loathsome.alike to sight and couch. You feel tempted to carry the snow somewhere, where Jack Frost may have a chance of cleaning them. There is, however, no necessity of sacrificing ones plants like this, may be made quite clean and healthy again. But it will not do to waste any time about it. In the hot, dry atmosphere of the house, these lice or aphides, as they are called, multiwhile here, they are immune from the host of larger enemies which prey upon them in the summer, and so have every possible chance for work The species of insects which ar most frequently found upon plants in the house are: the green louse (sometimes called the green fly, be-
cause, in one slage of its existence it has wings), the mealy bug, red spider, and scale insect. Of these, insect all belong to the order 20,000 species. They are all proand sucking, rather than for piercing and they exude from their bodies a dew, which sometimes drips from the stens and leaves of the plants of as may be imagined, attracts ants if any be in the vicinity, and, for
this reason, plant lice have termed the " milch cows of the by the naturalists that ants, (one can scarcely cail it instinct), away their enemies, and and drive them, at times, to lietter feeding esting things do not help use interthe little pests any better, if they It is an our house plants. fon is better saying that ", prevenwhere is this adage more true tho in caring for house plants. If if good, pare taken to have plenty heep the atmosj,here moist (the s a good place), and to give them fequent washings, or spraying, with
plants a good bath in water heated injure the leaves-or, if you that will If, heat the water to 140 degrees. greenis proves ineflectual, for the plants well, spith or wash the tobacco soap, which may be procurod from any seedsman or dealer in this conveniently, use castile soap instead.
If yo
leayes plants look sichly, and the amine the under side of the latter. If they look dusty, or have small, it flike spots on them, you may take spider is working his depredations there. In order to rout him, spray forcibly with warm water, directing the spray chiefly on the under side of tobacco soap splution with sulphobacco water. For mealy bugs, which look like along the or cotton-batting stuck oil-soap solution syringe with whalerequently with warm water. The scale insect is merely a species itself piant louse, whose presence makes hard brown oy che appearance of stems of hard-wooded plants to the also come, occasionally, on ferns scales carefully youe will find the larger underneath. In order to remove this tooth-brush, and spray with an old kerosene emulsion mixture weak If plants are being injured by earth worms in the soil, immerse the pot soaked with it, and, according as is ums come to the toj), remove them Farmer's Advocate ", office Winn

Auring may be planted at any time ing, it will thot away for four or to set the lar, where the in a cool, dark celPace hefor the top sprouts are and set it inneline bulb atmosphere, exposed to the light, the out the flowms will bery rapidly, if, indieen, and not mature properly, if, indeed, they come at all. We
judge that this is what
$\qquad$ root-growth havice, until the inst not hurry inulis at the start,

JANUARY 27, 1904 THE FARMERS ADVOCATE


Having a Good Time.
Annette had always lived in the city, but last summer she was sent Canadian farm. Although the children were all born in this country" the father and mother came from Switzerland, and they atill have great faith in goat's milk. Annette was very pale and thin when she first for two months, running barefoot and drinking plenty of goat's milk, her cheeks grew as round and rosy as yours, my dear little country cousins. Do you see how kind Her man is? He is very fond of his little cousin, and old Nanny looks stand that she is doing a great deal of good to at least one small person. How sorry Annette was when she she chattered to her school chums about the lovely time she had. Bed taste, and she was quite willing to agree with the child who said

The clocks don't know their
And so they cannot spel
But yet they count much more than
And seem to count quite well
But what good so much counting does, Just sending people off to bed
1efore they want to

But it is not only in the summer that people have a good time. I am
sure you would be sorry if the summer lasted all the year round, and if our dear Canada never provided ice People who live in Florida or California may think a Canadian winter afraid of a little cold weather Did you ever hear of "Mrs. Wigys of the Cabbage Patch?'' She was
not very warm, certainly, and her bare elbows were sticking out
through the holes in a boy's old coat through the holes in a boy's old coat
which she wore, but nothing could freeze her cheerrulness. This is the way she talked one cold day, when she had to pin the bed-clothes round stove, and paste brown close to the hole in the window: "My, but it's nice an' cold this mornin' ! The thermometer's done fell up to zero!'"
Mrs. Wiggs always tried to have a good time, and she generally succeed make-believe sometimes she had to very poor, but when unexpected visitors arrived just at dinner time,
it never worried her in the least it never worried her in the least.
"Tain't no trouble at all," she remarked, pleasantly. "All Alve got to do is to put a little more water in the soup, and me and Jim won't
take but one piece of bread." take but one piece of bread.
When the house was burned down, she still found something to enjoy,
and said, "Thank God it was the pig instid of the baby that wa I know two little Manitoba children who were in a railway accident ing on weeks ago. The car was lyzero, but they managed to to below good time. And it is something to talk about now the danger is over.
Though you may not have any such exciting experiences, still you can
have a good time by pretending have a good fime by pretending ing things that you have read. You may, as Stevenson says, visit the land of story books. This is his

Around the fire my parents sit : Fhey sit at home and talk and sing
All in the dark along the wall,
And follow 'round the forest track,
way hehind the sofa back.
All in my hunter's camp I lie,
And play at books that I have
Till it is time to
These are the hills, these are
These are the starry solitudes
Anese are the starry solitudes ;
And there the river by whose brink
And there the river by whose br
The roaring lions come to drink.
I see the others far a way,
As if in fire-lit camp
As if in fire-lit camp they lay,
And I, like to an Indian scout,
Around their party prowled about
So, when my nurse comes in for
Home I return across the sea
Home I return across the sea,
And go to bed. with back ward looks
At my dear land of story books


Having a Good Time

But you have found out long ago one or two other vegetables, and for that the best times alwass come dessert there are puddings withor
when you are trying to make number to choose from. Children al other people enjoy themselves, make number to choose from. Children al
isn't my bus relish jellies, and, except for very must remind you of this way of having a good time, so that you may matter whether you live in a big, on the prairie. Happiness is a
flower that can fower that can grow in every kind in a little shabby home as in a better. It is like a geranium which
will flower splendidl in can. Water vour plant an old tim with love and good temper, and kindness will make it wither. If try to keep from worrving Ther, may be a blizzard coming on satur day, so that you can't go skating won't do anything it on Friday weather fo anything to make the Amall fancy cup or would be refured.
much toward coaxing will cften do will also a pretty plate. Bread dicugh
find plenty if you keep your eyes

The School Lunch
If the children cannot come home to a
hot dinner, their lunch-baskets should be
made as dainty and appetizing as made as dainty and appetizing as as
possible.
Children should never carry a Funch put up in such a manner that they are ashamed of it. Neat little sand-
wiches fllled with jelly, egg, cheese,
minced meat cious. A generous piece of good, though not too rich, cake, some kind of fruit and pickle, and as a surprise, occasion-
ally, a tiny pie or a tart ter time a small glass provided with a fruit will be found especially good Here,
against
too,
a
the mother mess. many little things which will be relishe
in the lunch-basket that there is cuse for monotony. The hot dinner,
whether at noon cr at six o'clock, is always be ment day. There should aivays be meat, and that a different
kind every day, if possible, potatoes an.

## Humorous

boys said anything to you should conunt twent


didn't need to say nny thing. is.for Father-So you took dinner at willie came to extra helpings you had wann it yes, sir, I said "ano." Tommy-Oh Mrs. Stout kept askin' me if First Scot-What surt o meenistor hat
ye gotten, Geordie? Socond seldom got a glint o' him: six days
th' week he's envees'ble incomprehens'ble. tions was visiting kindergarten. Finally ". My boy .. attention to "Johnny."
 "ighted to " exclaimed the visitor, de case, lo learn that in "Johnny's rain were going forward together "hnny :" ". that's her tail," said
Curzon was not crushed. Lord Curzon has heen long noted fo
his cutting and cold remarks. Scm
years aron says the ridwey years ago, says the railway official wh
tell the story, Lord Curzon came dow
from Iondlon hy London. Chatham what was then the the Kent coast resorts. Lord Curzon
was in a hurry. The train made it Wenty miles an hour all right, but th
future Viceroy thought it the slowes train (a) earth. He said so to the re remark as a I Iersonal insult. train, mister," he said, " you can thi Lord Curann was not crushed. Tart

## Knitting as a Nerve Cure

 som that one of the many things he mion much older than ours who improve odd moments by workingwith yarn and needles. But women the be women, simply must knit afte ./ My prescription, madam, is you knit two hours daily," said the "Knit!". exclaimed the nervor patient.
knit ?"
$\qquad$
$\qquad$
$\qquad$
$\qquad$
 ishing, would not be tasted it served in ""The shining needren women. wineplask it from a tiny tumbter or a silks or wools, engage the eyod twiling peint and half an egg stirred in cheery and sane fill the 'mind with
to thicken it is delicious with. At the sugar and ground cinnamon stirred in. Same time they may produce admirnicely and into fancy shapes, browned stockings of wool, delicate evening when a large slice would be refured. articles."

The woman smiled, and said she
did not know how to knit, but that


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we have cut the pricess so low that an immediate reply $i$ ad adisalle, for our experi


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| :---: |
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$\qquad$
$\qquad$
$\qquad$
2. Would her flesh be unfit for food, it3. World you constder it risky to kcep
her till after farrowing?
Gonor, Man. hog: raiser.

$\qquad$


Who owns the coal? duty on manu


 my retu
a few
ing
 minute
strong
as ng him to use them regularly in persuar were an antiseptic preparation of un-
doubted merit, and that he himself had no hesitation in using and recommendin
Stuart's Catarrh Tablets for any forn . I have since met many pullic speak-
ers and professionul singers who use lawyer told me that Stuart's Catarrh
Tablets hept his 'irvat in fine shape he had long since discarded the use of cheap lozenges and troches on the advit
,f his physician that they contained s
much tulu, pouta:h and onimm as






Clydesdale and
Shire Stallions
CLYDESDALE MARES

AND FILLIES AND

QUESTIONS AND ANSW
VETERINARY.
OPACITY OF THE CORNEA.
Mare has a scum growing over Mare has a scum growing over he

## HOLSTEIN REGISTERS.

 Kindly let me know, through you can and Canadian Herdbook of Holstein is the Canadian book considered as gou as the AmericanAns.-So far as we can judge frow the
rules and regulations of the two tool elating to registration, there is no ciffier egistry in either animals must be in egistered ancestors.
QUANTITY OF BUTTER FROM MILK How many pounds of butter can ing 3.8 per cent. fat? Subscriber. Ans.-Four thousand three hundred an
eighty-six pounds of milk, testing 3.8 ould yield 166.66 pounds of fat, but
hutter-fat comprises only 84 per cent utter, therefcre 198.41 pounds of butter
ould be made from the 166.66 pound itcensing of steam engineer, n.-W. Hease give me the name of the licen
ispector of steam engineers in the N --W. Argyle, Man.
Ans- -The licensing of steam enginee, harge of the Public Works Department,
Regina. Communicate with the Deputy
Commissicner of commissiomer of Public Works, Regina,
stating definitely the information re
electric-Light beetle.
$\qquad$ One 1 found on the prairie last spring,
the
the Ans.-The beetle enclosed is commonly
nown as the electric-light beetle. In he month of June, large numbers
hem will be seen on certain nipht hovering around the electric street light.
no our Western cities. They are not RABBITS NOT FIT FOR USE Shot some rabbits, and on preparin
Whem for cocking, I found boils, which being opened, discharged, which
on low
ater
 ig from some minor contagious dis
ase, and it would be injudicious to use
 ances. Several of us in this district recently and our usual instalment for our $C . \&$
land, but we find our receipts show
is credited with the fnstalment less our ool taxes. These taxes we have a al
dy paid into the district treasurer $y$ paid into the district treasure
and
his receipt therefur.
The rai taxes this year for land in the di
not yet taken up. They wer
assessed for the land we hold, an
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Imported Clydes \& Shires, Shorthorns \& Yorkshires Ave Cydegdale Stallions; one Shire Stallion
eleven Clyde Filliies; three Shorthorn Bul Calves, imp. in dam, a few imported Heifers
and imported Yorkshire Hogs. Clydes by such sires as Prince of Carruchan
Prince Stephen, Prince Thomas and Royal Chauppion.
Write for

GEO. ISAAC,
BAWDEN \& MCDONELL


Exeter, Ont
Clydesdale,
Shire and Hackney Horses
Our new importation
hasariveva, and we have
now
 GLYDESDALE MARES Registered mares, from three years old and NELSON WAGG. Claremont station, C. P. R., 2 miles.
Stouffville station, G. T. R., $4 \frac{1}{2}$ milem.


## Shire Horses


in the Dominion, including
tirst-prize winner ai Royal Agricultural Show al Roya Agricultural Show in Eng
land; and yold medal for begt
Shire stallion, gold medal foll Shire stallion, gold medal for
bebt Shire mare, donated by
the Shir Horse Asociation
England three silverne




MORRIS \& WELLINGTON, Fonthill P. O., Welland County, Ont.
 CLYOE ANOMTHOHRE HORTSES.


 JOHN GARDHOUSE \& SONS Scotch and Scotch-topped Shorthorns, Shire Horses, Lincoln and Leicester Sheiep.


14K GOLD WATCH FREE
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## PAGE METAL GATES

feet wide, 4 feet high, including hinges and late
THE PAGE WIRE FENCE CO. Limited, Walkerville, Montreal, Winnipeg, St. John

OAKLAWNFARM


Percherons, Belgians, French Coachers.
 DUNHAM, FLETCHER \& COLEMAN, wayne, Du pago

DON'T MAKE A MISTAKE! Yousurely will if you Shire, Clyde u Percheroron

Stallion or mare without first seing my stock or corresponding with me. I have a superio
lot on hand-all young, sound, wigorous and well bred. My terms are liberal to responsibl GEO E BROWN BRANDON MANITOBA 20-CLYOESDALES-20

We now offer for sale 20 head of Olydesdales, including fillies and mares, from one to five years old, and among them a number of
prizewinners. Also a few young Clyde stallions and Shorthorn cattle. People wanting to buy should come and see them be

HODGKINSON \& TISDALE $\underset{\text { Lony-distance phone in connection with } t .}{\text { werm }}$

## Clydestales and Shorthorns

 FOR SALEPRINCE STANLEY [2443], 5 years old
STANLEY CAMERON 3274$]$, rising three
and a few Stud and Filly Colts. Also a
星
A. \& G. MUTCH, Craigie Mains, Lumsten, Assa,


GOSSIP ${ }^{\text {a }}$ his best coat, and was walking Aren't you working to-day, uncle? 'se coleratin' my golde
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$\qquad$ ahonination from thelr fingers. "Gen-
tlemen, gentlemen," said the professor.
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$\qquad$ nae the finger that 1 dipped into the
gallipot ! "

## TRADE NOTES.

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ital $\$ 100,000$
ital $\$ 100,000$.

is the largest
in the world. The daily output is 2,000 watches, and 102 diferent kinds are
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# STOP! 

FARMERS, THINK. ARRIVED

The pick of the Clydesdale Stallions shown at the International Live Stock Show, just held in Chicago.
Winners! Winners! Winners !

Champion Stallion of America and Canada, '03, and many other noted prizewinners.

This lot comprises twelve head, an aggregation I defy to be duplicated in this Country.

PRIVATE PARTIES AND SYNDICATES would do well to inspect this shipment before
purchasing.

PRICES RIGHT TERMS TO SUIT OUR MOTTO, "NOTHINE BUT THE BEST."

Choice Mares and Fillies always for sale.


Apply to J. A. S. MACMILLAN,
BRANDON
ALEX. COLQUHOUN,
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 BRANDON, MAN.have on hand a magnificent collection of

## CLYDESDALES

SUFFOLKS and PERCHERONS, with a few choice HACKNEYS and GERMAN COACHERS
Prizewinners at the Royal show, the Highland Show, and the Interna-
tional. The beest horses in North America at present for sale at reeson


JAMES SMITH, Manager, Brandon, Man.

## IMPORTED CLYDESDALES

I have just returned from Scotland with a fine lot of Clydesdalestallions of great breeding and individuality. They are indeed a fine lot, and just the kind the country needs. Write for prices and description, or, better still, come and see and be convinced of what I say.



## Mr. John GOSSIP.

landed Graham, Carberry, Man: short time ago, a shipment of chite a Shorthorns and four Clydesdale stallions They were imported from Scotland. Mr.
Graham met them in the East. Further Graham met the
particulars later

One evening the recent cold snap was
under discussion under discussion, when one old gentle-
man predicted $a$ January thaw. Ant man predicted a January thaw. A by-
stander suggested that there might not stander suggested that there might not
Le a thaw this year, an idea the old Le a thaw this year, an idea the old
gentleman scouted vehemently.
 frowing emphatic he concluded,
sean
sen live seen thousands of them."


## Thorncliffe

 Clydesdales stailions and mares, including prize-
winners. Some of the mares are in
find


FIOBERT DAVIES 36 Toronto Street, TORONTO. CLYDESDALES AYRSHIRES and POULTRY
A, llesseSons,Hawick, Oue,
and Hackney clyde, Percheron and Hackney stallions, Ayr-
shire cattle, and poultry, have for sale 5 Clyde stallions, sired and Roval Carrick, Baron's Pride, Sir Everitt, and Royal Carrick, i Percheron, and i Hack-
ney, winners. Ayrshires of both sexes, and ney, winner
poultry.

 kindly mention the FARMER'S ADVOCATE. THE FARMERS ADVOCATE.

Day's
 Aromatic Stock Food ing stock to diges their food. A smali dose in the usual food twice each day
It contains no drugs; purely aromer 3 LBS. 30c. 36 LBE 3310 The Day's Stock Food Co om stationc. товonto.
 Pure-bred Aberdeen-Angus Cattle, Sires in service: Imp. Prince of Benton, 1st
at Torontand Winnipeg. 1903, from the ame
sire as the celebrated heifer Benton's Pride, which won in one season and sold fors Pride,
and Imp. Provost 16th of Powrie. 1st at Winn:

H. W. AYERS,

HONEY CREEK, WIS.
Breeder of the celebrated Brown Swiss cattle
and Tamworth swine. Cattle hardy, vigorous,

grand milkers and fine heefer | grand milkers and fine beefers. |
| :--- |
| Corresponden, vigorous, |

 Cows or true scotigh tipe. A good
prizering record made by the herd,
GEORGE LITTEE Neepawa, Man $\underset{\mathrm{m}}{\text { GEORGE LITTLE }} \underset{\text { Five miles Irom town, Man }}{\text { - }}$ Lawyer-What was the thing that led
to your financial downfall? You seemed to be doing a good business.
Hankrupt-I was, lut one day 1 started
out to see if I could borrow some on borrowing.


BEAUTIFULLY DRESSED DOLL FREE.




CURES Dyspppsia, Bolles
Pimples $\underset{\substack{\text { Plmples, } \\ \text { Hoadacbos }}}{ }$ Constipation,
Loss of Appotits, Salt Rheum,
Erysipolas, Erysipolas,
Serofula. and all troubles

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## SHORTHORNS


5 BUILLA FOR SAKE

Three young bulls, the get of Marquis of Long
burn, Imperial Hero and one of his sons. burn, Imperial Hero and one of his sons.

Oak Grove Farm



 LonabuAn SCOTTISH SHORTHORNS．

 GEO．RANKIN \＆\＆SONS CLYDE Stallions，Fillies and Mares新苋
SHORTHORN Heifers and Bulls．

J．W＿SMIITI工 Brandon，Manitoba． FOREST HOME FARM
 SHofthorns，
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 John miller \＆sons，
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16 Shorthorn Bulls
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W．G．PETTIT \＆SONS
Scotch Shorthorns

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choice how aninals will be ofreredd．
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Shorthorn Cattle and Llincoln Sheep．



trout creek shorthorns


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SHORTHORNS
13 IMPORTED HEIFERS
Home－bred herd composed of Nonpareils，Minas
Clementinas，Cruickeben marys，A．M．Gordon＇s Estelles，Miss Symee，etc．
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OAK LANE STOCK FARM．
Shorthorns Cotswoids Yorkshires and Barred Rock Fowls，
 6000FELLOW BROS．，Macmevtic． JOHN DRYDEN \＆SON cruickshank SHORTHORNS SHROPSSHilipe SHEEP．



 SHORTHORNS SOUTHDOWNS
 T．DOUCLAS \＆SONS， Rungeres Shorthorns and Ciydestalas Natan


重
${ }^{4}$ mins Shorthorn Bulls ${ }^{\text {fow }}$

JANUARY 27, 1904
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Snoring, in the County of Norfolk, and
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THE FARMERS ADVOCATE.


HOW'S YOUR HOGS, GOWS and HORSES? South Tilifey, N. B., Canada. Dear Srr: - When we first tested "International separate pens, and gave them the same amount of
food, one being fed "Internation other not. The pig being fed "International Stock Food, shortly after being fed "International Stock Food," the day over the other and gradually went up till there was a gain of over two pounds per day. Have also tested
it upon our horses while doing heavy work, milch cows and calves, and can fairly and honestly say not want, and don't think Ing could get any better stock food. One of our can fairly and honestly say that I do
out of the horse-power while threshing. We at once applied your "Silver 'Pine Healing 0il" weing thrown
 Whe We Have Hundreds of Thousands of Similar Testimonials and Will Pay You \$1000 Cash to Prove That They Are Not Genuine and Unsolicited. Qa


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BOOK OJNTAINS 183 LARGE ENGRAVINGS OF HORSES, CATTLE, SHEEP, POULTRY, ETC.

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PINE GROVE SHORTHORNS and Shropshires. Our herd comprises over 150 females, including our last importation of
30 head, all of the most esteemed strains choice Rams, also high-class Ewes bred to first-class Rams. Address a few W. C. EDW ARDS \& CO., Rockland, Ontario.


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WATSON OGILVIE, Ogilvie's Ayrshires won the herd and young
herd prizes at Toronto, London and Ottawa in
1900 ; also at the Pan. American, in 1901, and in 2 they won all the herd prize
e cows are all imported, and The cows are all imported, and were carefully selected and diplomas, with one exception size of teats, and milk (quantity and quality). The herd is headed by Donglasdale, (imp.),
champion at the Pan-American and at Otta, Ta, Toronto and London, in 1g02, ably assisted by
Black Prince (imp.). Stock, imported and home-bred, for sale at all times.
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ROBERT HUNTER, Manager. Noar Mortroal R Mootrio oara. Lachine Rapids, P. Q.

FOR SALE: Five young bulls, also a few
females, by Scotch sires. (Good ones.
Wm. Grainger \& Son, Londesboro, Ont.

 Shorthorns, Clydesdales, rorkshires.

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 EDWARD ROBINSON, Markham P.O. \& Sta. SHORE'HHINRNS. Importer and breeder of choice Shorthorns.
Scottish Hero 155726 at the head of herd. om
JAS. A. CREERAK. Shakenpeare, Ont. SH0RTHORNS $\underset{\substack{\text { for } \\ \text { SALE. }}}{ }$
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 kon Flowers, Minas, Straw berrys and Lavin-
ian. Fnr sale, both sexes, the ket of Imp. Mar-
engo Heydon Inke, Imp. Baron's Heir, Imp.
Golden Able and Imp. Golden Conqueror. om

Neglect the Liver And You Will Suffer Scarcely an Organ in the Body
but Feels the Effects of a but Feels the Effects of a
Disordered Liver.

## GOSSIP.



## LARGE ENGLISH YORKSHIRES

At the leading shows in America in 1901, 1902 and 1903 we won 90 per cent. of the first prizes. Pigs of all age
moderate prices at all times. Write for particulars.

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## Non-Poisonous Fluid Dip

 stull the favorite dip, as proved by thbenthmony or our Minighor of Agri-
culture and other large breeders.


Catite, horses, pigs, etc
Oleannee the eskin trom all innecte, and makes th
ooat beautifully aot and glosey.
Prevents the attack of warble MII.
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eto. Keops animale free from Infeetion.
No danger, safe, cheap, and effective
Sold in large ting at 75 cents. Sumbicient in enob
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SHROPGHTRES FOR SALE
Twenty shearling rams; twenty shearling ewes
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shearlings and lambs ; These are yimaly

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YORTESHIIRJE
 Yorkshires sale:
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[^1]:    Sudden Death of Mr. W. R. Stewart.

