## PAGES

MISSING

## MASSEY- HARRIS MANURE SPREADER

By the old method of distributing manure by hand some plants got too much fertilizer, others got none-one is about as bad as the other - few got just the amount required. Much of the fertilizing material was wasted entirely. Then, too, the work was slow and disagreeable. In fact, the labor necessary to properly apply it was the cause of much valuable manure being allowed to go to waste entirely. The Massey-Harris 20th Century Manure Spreader applies the manure so that each plant gets the right amount of nourishment, and the work is done very much more easily, quickly and cheaply than in any other way


The Massey-Harris 20th Century Manure Spreader spreads evenly from start to finish ; it has a strong hardwood frame, thoroughly trussed; heavy, wide-tired wheels; the apron runs on rollers, and all parts are carefully fitted, making it light draft. It has a positive feed-cannot clog; positive automatic return of apron ; change of feed, stop, start and reverse without stopping the team; front wheels turn under the box; the only "tight box" distributor; so simple a boy can operate it; does away entirely with hand work, and does the work much more thoroughly, thus increasing crops.

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or at loast for twioe as 1 ong covered buildings, and at mudh loss cost.
Read What Othere Say i If I had another barn 10 roof and
 I am very much ploened alth the you for the kind wey you tried to plonse
me. Signed, Boamay Woin ons

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have taught us is at your nervioe.

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Grow Mushroome in spare time. 4 orop from our beccial bpaw. Immeane grow. Un
dersiged will buy your erop. For direotion


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- min Pa Chasollmo Engluo. Why? woll beameitr a ioimple, eally



 Citheo pry Fodelyg Feid tuit H. C., eninines aro made in the following sties and siet:






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TMENLEEETTI RMLMAY MIS 500,000 MCRES CHOCE FALL AND WINTER
Theobe lande aro situated in Alborta; Montana boornadry, ana at nor thot bibe PRIOE: $97=0$ to





 Form map, Printed, mattor and other in
C.A.Magrath,Land Commissioner 4an7 Eothbridece
Osier, Hammond \& Nanton Hinmipod. Man


Mother-" Do you think it is a good thing to spank $a$ child?


## The Horse that Never Eats!



Do you sometimes have to send in a hurry for a ball or two of binder twine to finish the field?

Or for a repair part for some machinery ?
Or on a message to some neighbor?
Or to the nearest store or post office?
Or many other errands necessary to farm life?
Then it maybe has occurred to you what a wonderfully convenient time-saver a good bicycle really is. It saves taking a horse away from other work. Covers the distance much more quickly. Is always ready for use, and needs no hay or oats.

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that are as safe - yes, safer than the bank. We and for sale near elegant rane. Price, \$12 per acre: Easy

Would you think of buying the best ranch in the half sections and onefenced and cross-fenced; fully equipped with excel lent buildings. Price, \$74,000. It's a big thing, but more than worth the money, and it's only 10 miles from
a thriving city.

BENSON \& HOULTON Calgary, Alberta.

# $\Sigma_{h o}$ <br> Persevere and <br> <br> Farmer's Sdvocate 

 <br> <br> Farmer's Sdvocate} Succeed."

Vol. XLI.
LONDON, ONTARIO, MAY 3, 1906.
forefront in educational matters, has established an affiliation between the agricultural college and probably derived from France, where scheme was is in large development, and is credited with the remarkable improvement in the agricultural productiveness of that country. But it is not that the normal teachers-in-training should take actual courses in agriculture, but rather from the indirect contact with the splendid institution and its student body of rising agriculturists, whose life, which, every 40,000 farm visitors, 1 a , 0mber with in ing experts in agricultural contingent of visitover the world. There is here, too from all tunity to observe the ideal of rural edication, as realized in the consolidated school alongside the College grounds. It is under such circumstances and conditions that teachers for rural schools should be privileged to get their pedagogical training. Unbound by tradition, and unhampera, let us hope, by any local contingencies, we ture will be ensters of Education and of Agriculal consummation devoully to be wish education-

## Grow More Corn.

Ensilage corn annually grows in favor with Ontario farmers. It is our heaviest yielding forage crop, and the silo enables us to preserve it with little waste, and in first-class condition for
early or late winter feeding. A silo of corn early or late winter feeding. A silo of corn would increase the stock-carrying capacity of most
farms by from 15 per cent., upwards. in another light, the man who erects a sut it keep as much stock as before, and yet sell enour hay each year to pay for the cost of building it Indirectly, the growing of corn increases the fer tility of the farm. Its ideal preparation is winter-manured sod, and the summer cultiyation given it puts the inverted sod ir first-class condition for a grain crop to be reseeded to clover. the sond This be hard on the land. This is hardly correct. Corn de gen which the atmosple carbon and hydrouents, and while it also draws uping constit the bulk of the elements of fertility which soil tains therefrom is returned to the land in the form of manure made by the silage-fed stock, thus increasing, rather than diminishing the available soil fertility. Corn is not a legume, and therefore not a nitrogen-gathering soil-restorer like clover and alfalfa, but it works well in a short rotating, maps of clover also makes a ing. Corn and clover should go ration in feedon the farm and in the feed-lot. Wherever we find an old sod torn up and planted to corn for the silo, we expect better-fed stock, increased fertility progress and profit
While corn requires considerable labor, this fits in nicely with the remainder of the farm work. Planting comes after the rush of seeding, the summer cultivation keeps man and horses employed to good purpose during June, and harvestcorn binder and steam-driven cutting means of blower attachment. No crop is more promptly and satisfactorily disposed of . Fory warietis careful preparation of seed-bed, and shallow sum mer cultivation, enable us to mature it in northern sections and on heavy soils formerly thought hopelessly unsuitable. In fall-plowed sod, corn will thrive on quite hard clay if given frequent
summer tillage, to prevent the formation of a
crust. Freezing before being cut does silage corn no great harm, so long as a satisfactory degree of maturity has been attained. Maturity, however, is most important. Feeders emphasize it more every year. Better fifteen tons per acre. of
strong, heavily-eared, well-matured corn than eighteen on twenty tons of swill At the thame eighteen on twenty tons of swill. At the same general, the late loinds, having a longer growing period, yield the best. One should, therefore, endeavor to plant a variety, the grain of which, ordinarily, at least, comes to a toughi-dough stage before frost in his locality. Home-grown seed is to be preferred, if obtainable. Before planting, test the seed for germination. Directions have been given in our Farm Department and readers are referred to them. If the germiwhich show a poor germinating percentage, the kernels which do sprout will almost certainly lack vigor, to a certain degree while the worthless seeds will cause misses, and fallow spots are expensive in a crop which receives so much minure and work as corn.
The seed-bed should be mellow, warm and deep. This condition is best obtained by early and repeated tillage with spike harrow, disk, Acme and spring-tooth. A stroke of the harrow som will provent clod formation as pulverize, stroke afterwards will conserve An occassonal the ground in such condition that a deep. fine seed-bed can be prepared at any time much easier to prevent the formation of clods than to reduce them after they are forined. Is the land is to be spring-plowed, follow each day's plowing with roller and harrow, to compress the soil and form a dust mulch, thus conserving moisand sod underneath the fermentation of manure Planting is done
Planting is done rather earlier, perpaps, than plant, and is stunted by a cold, wet spell it is well, we believe, to wait until prospects corn weather. In Central and ISoution of good this may be any time after May 15th,
How to sow-whether in hills or drillsils is e matter on which opiniont is divided. It is believed that, with an equat amount of seed in eantage of hills owill give a sliglitly larger pertime to planting in hills requires more up by the greater facilit but this is almost made sickle is used. Hill-planted harvesting, if hoe or vated both ways, weeds kept corn may be cultimore complete dust mulch down better, and a Drilling the corn saves time in planting, ne to sow a strip at a time, as may be a pared, and does not necessitate a lot of extra work in re-marking the field, in case a heary land is in first-cless field is all done. If the prepared to first-class condition, and a man is tion, planting in drills to the summer cultivaOn a weedy field plant in hills prove satisfactory an ordinary ten-hoe grain hills. In drilling, use spouts but the third ones from each close all late the thickness on a smooth roadwend. Regua kernel is dropped every 9 or 10 inches, so that arn is still sown too thickly. Thin sowinh heans strong, rich stalks, and numerous large ferior silack sowing means sappy growth and in per acre, and Better grow a little less stalke 12 inches apart next winter's feed bill Hill about three stalks if have, on an average four or five if intended forded for husling, and Perhaps the most important silo.
ful corn culture is summer cultivation. successe cultivator, means theeder, scuffler, or two-horse
the ${ }^{\circ}$ Farmier's Advocate
and Home Magazine.
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John weld, Manaerr.

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" The Fighting Editor."
Veterimarians by Grace of Parliament.
Following the recent University Bill, in the Ontario House, containing a provision to take cial Institution, extending and improving the course so as to raise the standard of the veteri nary profession, it savors of irony that a bill should have been introduced into and put through the Private Bills Committee to admit a black smith to practice as a veterinary surgeori. The ar of the forge, it was urged, has been studying for twenty years, and, of course, any deficien cies in his knowledge of anatomy, pathology chemistry and materia medica, will be compensat ed by the Special Act of the Legislature ! It is tice as some of the fledgling graduates but the principle of admitting men by the edict of Parliament opens the way to all sorts of abuses, and, with the four or five score of college-trained men now being turned out every year, is altogether uncalled for. As on former occasions, when similar legislation was before the Committee, it was proposed to stop such a system at once, but, as usuel, there was difference of opinion whether the measure in question should be passed before the prohibition came in force or not. The former
idea carried, and the bill was reported. We would idea carried, and the bill was reported. We would rule making it impossible for the Legislature to usurp the functions of recognized educational institutions, else they may as well, to quote Chairman Carscallen, "have a general Act passed to say that a man who has practiced with a quali-
fied surgeon, but who has never taken a course of study, ipso facto, be authorized to practice as a veterinary
that sort. events, discoveries and philosophy of his time. A pertinent question, therefore, is what constitutes being informed. Some years ago, in Manitoba, the writer overheard a conversation between a settler and the agent of an agricultural journal. The settler was an ignorant man, but the agent had struck him at a good time, for the week before there had been a murder in Winnipeg, and the whole Province was excited over it. "he agent s the man who was being canvassed, "' it's a thing to be posted. Last week I was away threshing, and I heard them all talking about the murder. When I came home on Sunday I brought along a copy of the Telegram, and spent pretty near all day Sunday reading up about it. I got the whole story, and when I went back to work next day I was able to speak the names of pretty near all the people mixed up in
The passion for sensational news led to the reign of yellow, journalism in the United States a few years ago. The passion, having burnt itsel out, and exhausted the resources of those who
were pandering to it, is now subsiding. Sensation yields predominance to history-making events, and the people, tired of scanning headlines with extravagantly concocted stories underneath, are de manding that happenings be simply and concisely told. While Canadian newspapers have nevo yielded to this mania as have the American sheets

even the Canadian press will respond gladly io an enlightened public intelligence which will permit them to relegate scandal to the subordinate place it should occupy. The reading public mainis determines the character of our press. What
is needed is more strong men who will influence the public taste by refusing to read scandal-men who are not ashamed to admit that they do not know the particulars of the latest murder, whose
fund of conversational topics is not limited the astounding items in the last two or three days' newspapers, but who think on the deeper problems of life, read magazines in preference to newspapers, and prefer the condensed news of the metropolitan weekly or semi-weekly to the diffuse
and fragmentary scraps in the dailics. daily will continue to hold its place, there is no
doubt, for business reasons will demand it, but doubt, for business reasons will demand it, but
for those farmers who have no particular necessity for following markets closely, we still incline more reflection, rather than more reatine need is more reading of periodicals, rather thang; and of so-called news. There are some things that every man should be reasonably well posted on before he is entitled quainted with modern developments in religion particularly in his own church. He should know What is being done in educational circles and in politics. He should have a fair grasp of the latest discoveries in science and philosophy. Es ly abreast of the times in all matters relating to his own business. If a farmer, he should tole

What Constitutes Being Informed. at least one first-class agricultural journal, and The world to-day has little patience with the if he can find time to read two or three, it will man who is not fairly well posted as to the latest be proftable emplo
ing, continued for years, broadens and deepens the intellect, whereas habitual scanning of the daily paper exclusively, especially the local daily, tends good to nurture the intellect, and the more cuotivates a taste for it, the more pleasure cultivates a taste for it, the more pleasure and

## Fence-in the Wood-lot Now.

Now is the time to fence-in the wood-lot with a few posts and poles to keep the stock out. Do not neglect it another season. If you have never
done any other thing to perpetuate your name and fame, do that. Thirty years hence, more than one old man whose span of life is about run who tills no more fields, and for whom dollars have no charm, will point to a thrifty piece of woodland, and say, with pride, "I took 'The Farmer's Advocate's advice and kept the stock out of that bush in 1906, and have never let them in since." And there will be more genuine pleasure for him in that sheltering block of woods out of the land the money ho might have wrung out of the land.

## HORSES.

Watch the horse's shoulders : a little salt and water applied to the shoulders will help toughen them to the collar

Clean the mud out of the feet, as it absorbs
the hoof oil, and leaves the horn dry and brittle.
Suit the collar to the shape of the shoulder ; a straight shoulder requires a special adjustment
of the draft.

Horses on the Western ranges have not done so well as usual the past winter, owing to a lack
of snow and water. Even if it is only to get work horses, patronize
the best stallion in the district ; he will be the cheapest in the end. The biggest horse of any type, says the Horse Show Monthly, is not necessarily the strongest,
fastest or most enduring. The records of iastest or most enduring. The records of ali
kinds and degrees of horses, cattle (and other animals, from the genus homo down (and other justified this position, but look where you will "touted ", as something big, overgrown brute "touted " as something ideal. The original Mrandest strains of whose loins sprang one of the
graine families the world the ver known, was a small individual. Nearly all of our champion trotters, pacers and runners have
been comparatively small horses, yet most of breeders are delighted when they fet most of our
an oversized colt they have an oversized colt or filly. The freeder should
select individuals they have select individuals of worth and breeder should
Avoid the dwarfs and

## Groom the Horses Outdoors.

 the horses outside in the excellent plan to take eat a few mouthfuls of grass while they are beingcleaned. They will enjoy in them the rush of seeding, they earn a little compen, in
tion of this sort to of this sort. Many, too, which are inclined
to be crabbed when curried submit without a switch curried in the stable, will cat grass meanrwhile. Many a horse's allowed to stable. Cleanind by harsh a grooming in a stuffy commended, on the score of health. be too highly
the stable hide raises the have been laboring to thrt which the skin glands settling upon the feed, is reabsorbed into of this,
tem. It seems reasinn the sys tem. It seems reasonable, when one looks at it
that once the perspiration has system it should be kept out, and the out of the
to ensure this is to clean tho bard Carries the dust away as fast as it is a breeze much is not only better for the horse, but ved he be troubled witul for the groom, especially if
ness. Fatarrh or bronchial what ness. For similar reasons, it is bronchial weak-
the dust in the stall. We not to have
dust in then dust in the winter, but in can put up with stable being shed it, and, particularly when there is no Allowing for host unwise. fille and hoppling, if mor of leading the horses fours of somer the digestion, and cosides, grass serurel whes horsmm. the timited amount to the
as a mecessary lasative and for hay and grat hetter than salts axative and blood purifain, acts

MAY 3, 1906

## 

the shedding of the hai
The horses walk around too much forst fenvenimen
the them up to a post one
tie them the the eat.
others
The foregoing is not the fad of a humanital ian; it has been tried on spirited young horses,
and the practical benefits were found to be surprising, although it is hard to say whether more satsfaction was and the improved appearance and
in grooming,
greater efficiency of the teams, or from the degreater efficiency of the teams, or from the de-
light of the horses at being permitted to eat a few bite.
ing air.

## Clydesdales Wear the Best.

 Editor "The Farmer's Advocate":Some time ago d noticed an article from
uiggle \& Co extolling the Percheron horse Wiggle \& Co.. extolling the Percheron horse, and
trying to depreciate the Clydesdale. I am not trying to depreciate the Clydesdale. I am not
going to try to answer him, as his own auction
sale has fully demonstrated the value d
 ager for a tannery firm for 18 years, that manager for a tamnery 201 por 18 years, that em-
ployed from 100 to 2041
ter, and kept about 35 to 40 horsese exery winter, and kept about 35 to 40 horses of their
"wn. I always was a lover of a good draft
horse, as some of the best salesmen will verif.
and tried to buy the best horse I could find, lookiing for type more than breed; but after getting
them and putting them into the work hauling supplies into the woods through all kinds
roads, just cut through the forest, for frem 10
15 miles. I hegan to look at how they stood
work, and I found that the Clydesdale stood mud and hard work the best, not being near
so liable to scratches as the Percherons, Clydes having a flat leg, while the Perchero
would get all hacked up. So, to-day, after som i those horses have been through ten years, yo old Clydes were the ones we wanted to keep, as The Clydesdales are naturally the best walkers. The Percheron horse is a good round, fleshy
horse, and if you do not press him too hard wiil
look nice and keep fat, but when you give him the stress the lumber horse of our country gets
in winter. he has not the bone and cord in his leg to stand it with the Clydes, and this has been tro experience of many of our lumbermen. To-day.
some of the best colts seen in our county ar
rom imported from imported clyclesdale horses, and we wish
there were more of them, as we are sending there were more of them, as we are sending
thousands upon thousands of dollars out of the county to the west for horses every year. Thave
made quite a study of the kind of horses you can get the best results from, and, taking it all
around. I say the Clydesdale for draft. In that
belief. four years ago I went to Toronto and lowght an imported 1750 -pound Clydesdale stal-
lion, and he has left the colts to show after him. One pair, full sisters, 2 and 3 years, respectively,
could not be bought for $\$ 500$ and they are only
grades. So. Sou see, it pays to get the right hind. no matter which breed. I et a man suit
himself, but be sure to get the right tNFe of draft
honse.

Wants Mares from the Grass.
Prospects of the Hackney

## No Advantage in Breeding Mares Early.

## anc. in hothing to he cained, says a U.S. ex-

 before the weather has become permanently warm. In scotland and up in Canada there used to be a vaying that it did not pay to mate a mare to ahorse before the first Monday in May. Mares bred early, and before the cold weather has passed to the horse, and it is fair to say that back again four mares bred before the end of April, not less than three come hack to be bred in May or June than three come back to be bred in May or June,
if they get in foal at all that season. All the trouble, expense and annoyance of tagging back and forth to the horse would have been saved if the owners had waited until the warm weather came. When it comes to the stallion owner's point of view, the general aspect of the proposimares when the same, 10 put his horse to per cent. of the matings, must of itself be a losstallioner to induce the mare owner who would more sucsicon to go a little slower, and await
$\qquad$
$\qquad$


Active rorest King.
Iackney stallion, imported by Trumans' Pioneer Stud Farm, Bushnel
Illinois, and London, Canada: sire Forest King, champion heary

Urness horse of America

Mares, moreover, are apt to have colds and other
ieverish conditions along just at the break-up oi
winter and there is absulutely no sense in leting is absolutely no sense in letting
inares under such circumstances.

## Breeding Draft Horses

ter in the English Live-stock Journal in fact, they are the best and most available breed for drait purposes in the world, and it is
to the interest of every farmer ta see that the horse stock is improving year by year, for there is no possible doubt that the best are always the
inost salable, whether the trade is good or bad The comparatively low price at which very useful outsiders to invest in one or two registered females, so as to be in the running. The best
Shire mares made figures round a thousand
mine guineas. It must be a good stroke of business
(1) sell out the common cart mares and replace to sell out the common cart mares and replace
them with those which may produce a colt or filly them with those which may produce a colt or filly
which will advertise its breeder all over this and
: about handling

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A Welcome Visitor.
atherectate ". The Farmer's Advocat ". vers
trade for high-class harness horses, says writer in the English Live-stock Journal, was
ever better. The difficulty is not how to sell, but how and where to tind them. Country. dealers who formerly would not look at a horse under the age of five years, are now buying three-
year-olds gladly, and the London dealers are year-olds gladly, and the London dealers
obliged, however reluctantly, to go abroad help out their supply. In face of the great increase in the number of motor-cars, this strikes me as a wonderful and extraordinary fact. One people who have given up horses for this reason, to the far greater number who have been literally frightened off the road by the dust-raising, hideous nachines, the demand must have fallen off. It was argued a couple of years ago valuable, highclass animal on the road when at any corner a motor-machine, going at the rate of thirty or
forty miles an hour, might, with a wild hoot, forty miles an hour, might, with a wild hoot, or, at the best, turn horse, driver and trap into the ditch at the side. It was said, if any carsuch as were about as valuable dead as alive-the sort, in fact, that the proud Spaniard rides into the ring to be disembowelled by the bull. Just the reverse, however, turns out to be the case,
the slave is at a discount, and the swagger aninal at a premium. People have found that the
high-couraged horse is bolder in facing what he horse is bolder in facing what he
takes to be an awful devil on akes to be an awful devil on
wheels than a more cowardly, underbred one, and that the motor
car can take the place of the slave, but cannot take that of tre
high-stepping pair which proudly high-stepping pair which proudly
take their mistress for a drive in the park, or a round of afternoon
duty calls. duty calls
Let this be as it may, the fact
remains that a really high-stepping horse, whatever his height, whatever his color, whatever his conformation, was never as easy
to sell, and never brought as high price as at the present moment. a price as at the present moment.
Then, as regards breeding
stock, there is without doubt a stock, there is without doubt
growing demand for both Hackgrowing demand for stallions and Hackney mares ney exportation. This year, for the first time in my experience, both foreign governments and foreign private buyers have come
to our London Hackney Show to our London Hackney show ing the supply. One government
buyer told me he came for twelve, buyer told me he came for twelve,
but could only find eight suitable stallions for his country, and he is only a sample of the others. They one and all have found out
the value of the Hackney, and the value of the Hackney, and
must have them. This must encourage the trade. The Germans, French, Dutch, Americans and
Canadians may supply us with Canadians may supply us with
carriage geldings, but they must carriage geldings, their sires, because no other breed than the Hackney,
and no other country than ours, and no other country than ours,
can give them the action and courage they require to cross with thei age they require to cross with ther
slower, coarser and lower-couraged mares. The pity only is that foreign gold should tempt us to part with so many of our hest mares,
and that the country should lose sion zires as Wildfire, and, in the later days, Oornfactor, for this reason. It is to be wished that all Hackney breeders were in the position of Sir Walter Gilbey, who so nobly saved for, unfortunately, such
a short period, the services of Danegelt for the benefit of English breeders.
In my humble opinion, there is one saving
clause in this foreign demand for our hest stal lions, and that is that our friends across the seas have not yet grasped the fact that the biggest stallions do not produce the biggest or best stock 1 may, for reasons obvious to many people, be readers will duces better stock than a " middling " big one. To conclude, I think the future prospects for the Hackney were never brighter, and this, in spite of the motor craze, which many people
thought was going to ruin it altogether.

## Heredity of Horse Vices.

In a recent discussion on horse-breeding, a Scotch breeder of carriage horses, with large experience, said: "During a lengthy and varied experience in the breaking of young horses, one me, viz., that there is nothing relating to horse flesh which has a stronger tendency to prove hereditary than what may be termed inherent

## THE FARMER＇S ADVOCATE．

## LIVE STOCK．

## A View at the Agricultural College， Truro，Nova Scotia．

$\qquad$ the judging pavilion at the Nova Scotia Agriat tural College．Eighteen out of the twenty－three regularly enrolled，full－course students are in the group，and in front of them are to be found about as well a bred group of horses and cattle as could be gathered together on any farm in Shorthorn herd bull at the left，there is the to Hon．Thomas Greenway＇s Judge all brother the great sire of champions，Judge，and sired by formerly owned by the late W．B．Watt（imp．）， to him comes the Hereford cow，Stella，that wext first in her class at Aniherst，and that owns as her sire Sir Horace，a sweepstakes bull at all the Corrector，the great stock son of the champion and exhibited by T．F．B．Sotham．Sormerly owned was a daughter of r．B．Sotham．Stella＇s dam Then comes the four－year－old Hackney stallion， winner at the English shows，and also at prize－ winner at the English shows，and also at it．
Louis，Chicago and Toronto．He owns for his sire the champion Rosador，and he owns for his
Rose，also tam is Cliffe Rose，also the dam of Cliffe Roberts，with whom his rear is Honfleur（imp．），a Thoroughbred stal－ lion，sired by Galopin（winner of the Derby），and The yearling Clydesdale filly just of the Derby）． him is Baron＇s Lily（imp．），a daughter of Rato of Pride．The Holstein cow，Abby DeKol，is a daughter of Mr．Hallman＇s champion bull，Judge Akrum DeKol，and at the time when the picture wnder ordinary fust completed a month＇s record，
ung，of 1,710 pounds of milk testing 3.2 per cent．To the extreme vight is
Fox＇s Grey Friar Fhampion Flying Fox．Friar，ax＇s Grey Friar＇s by is Lovely＇s Grey Ruby，Fox＇s Grey Friar＇s dam cow that．when fresh，gave 62 pounds of milk per day．It was the intention to put some more high－class horses and cattle，that are equally as
good，into the picture，but it was too difficult task．However，these representations show that the boys at Truro certainly have every cinance to learn the poin
of live stock．

Causes of Loss in Sheep－roising．
The causes of loss in sheep－raising are summed
1．Low condition of flocks at mating time． Insufficient food and shelter during wint

3．Neglect during lambing time． | culls． |
| :---: |
| 5. |
|  |

Using inferior rams
Neglecting to destroy the ticks
Worrying by dogs
avoided by having a couple of may ie larcelv
avoided by having a couple of small cow－bells

## Money in Hogs．

## Beet Pulp in Bear Cattle Ration．

## It has been ther＇s Advocat

has been the practice er in the stables of its of cattle or more each win Late last October twenty hear the sugar－factory farm averaging a little better than 1.250 llos．，were purchased from farmers in the County of Huron and shipped to Berlin．For six or seven days after their arrival they were stabled and fed on sugar－beet pulp and hay only in order to bring them to a condition similar to that 9then they were purchased off pasture．On November the effects of shipment that they had recovered from weight．In the afternoon had reached their normal they were driven a distance of hod no feed at noon， weighed．They were again．on March 21 st dre mile and the same distance and weighed．The increase was their total gain．All feed，except hay，was purchased their the prices paid for the same，together with the esti－ mated value of the hay they consumed，with the esti－ certain other freight and delivering expenses，make up the total cost of the feeding of these animals．The item of hay is an estimate based on the crop yielding
$1+$ tons per acre，which was rather a high cstimate for the crop．These figures may be interesting to a number of your readers，and，therefore，we take pleasure in sending you an itemized statement of the cost and
profits of the feeding of these sterers． 1905.
 Nov．
Nov．

1906
Mar．
1906．Hay cake， 360 pounds．．．．．
Mar．$\quad 21 \begin{gathered}\text { Hay（estimated），} \\ \text { Delivering expenses }\end{gathered}$

Editor＂The Farmer＇s Advocate＂＇
I have been much interested in the discussion on the hog question，lately going on in ．．The Farmer＇s Advocate．＂I believe there is as much
noney made out of hogs as out of anything considering the small amount invested，especially when in the dairy business（butter factory in Winter and cheese factory in summer），one gets a
lot of good feed for hogs at a small cost lot of good feed for hogs at a small cost．I
have had no experience in feeding clover，lucerne or rape，but will state briefly my experience in I keep three pure－bred Yorkshire sows the per cross them with the Chester White or Berkshire 1 find the Yorkshire sows are heavy milkers，and have larger litters than the Chesters，and and get them away at six months，weighing Can get them away at six $\quad$ months，weighing two
hundred pounds or over．I have my sows farrow in March and September，and am sure of raising good litters，averaging about ten pigs to the sow， I let my sows run out the whole year round，on
grass in summer，with whey for a drink around the strawstack in winter，feeding root and a little oat chop，increasing the amount ous hop as they get near farrowing time．Aften
they farrow I give a thin slop of whey or ste they farrow I give a thin slop of whey or skim
milk and oat chop for the first two weeks，then barley and oats until the pigs are weaned．I feed the little pigs shorts until they are from 80 to
100 pounds in weight，as they will not 100 pounds in weight，as they will not eat enough
coarse feed，such as barley and oats，when they are small．Then I finish them on two－thirds bar－ ley and one－third oats，soaked in skim milk or
whey．Feeding in this way，pork an whey，Feeding in this way，pork can be made
in winter for $\$ 5.00$ a hundred（valuing the skim milk at 15 cents a hundred pounds）；and in the summer for $\$ 4.50$ ．I bought a bunch of hogs
last fall；gave $\$ 7.00$ a hundred．they averagel last fall；gave $\$ 7.00$ a huntred；they averaged
nearly 100 pounds；sold them for $\$ 5$ a nearly 100 pounds；sold them for $\$ 5.75$ ；they
made me $\$ 3.00$ each．I cept the whey，for which 1 bought all the feed ex－ as the manure will pay for it and the labor．But do not expect to make money out of hogs，rush－
ing into them when they are a good price dropping out when they are a good price，and he hog and he will give you good returns for Middlesex ．

## Prefers the Local Judge．

## 

I notice an article in in your issue of April 5th，
under the heading．＂Appointment of An
he heading．，Appointment of April 5th，
Would say that the ans at lbs．
Charges against stock，as per it has been done for a number of years
last，has not given satisfaction．$\$ 1020$ one reason is
 Net profit ．．．．．．．．．．．．．．．．．．．．．．have not to face the result of any agaire－pull and Average dailv gain per head durinir $\$ 13447$ that has been done on the day of the fair，whereas a Average dailv wail per head during the 131 days face the shame all the year around．There are
feeding， $1 \ddagger$ pounds． Note．The item of manure is a valuable addition country in Fastern On Ontario as in in Western On the to the profits of fattening cattle，and much more than tario，but I am willing to admit that a goon and
balances the cost of attendance． balances the cost of attendance．
A．F．SHITtIf Waterloo Co．．Ont．A．E．SHITTLEFORTH．

Students and Stock at the Nova Scotia Agricultural College，Truro．

 Man must be proof against wire－pulling，which，at
lairs has got to be about as common as in
politics I am in favor of the local man，as
long as he has no personal interest in the articles
lor animals long as he has no，personal of the local man，as
or animals judgerd in the articles
He can give the reasons for his decisions，and need not he a great orator to
to so A fenv welll－chosen words from a man
who knows his business is worth ＂ho knows his busines is worth more than a long
somech irom the windy orator．G．A．RYAN．
Prescott，Ont．

A Libel on the Hog．
$\qquad$
hatitualle faits ton Histinguish hetween harg，who
filth．Mand a mans sins are laid at the hog＇s
door．

Not Mealth, but Protection

hil almost exclusively from the southern and amada is practically dependent upon the south-
rn States for supplies of oak and hickory The ply, and the freight rates chief sources of supcost from $\$ 10.00$ to $\$ 15$ (10 per thousand States have greatly inton lands in the southern have been told that thousandst of beaue and and hickwould die quicely, and thus enalle the that they to
more rapidly brought under cotton' caltivation. more rapidly brought under cotton cultivation.
Whether the forestry laws of the United States permit this or not, 1 cannot say, but it seems a
Wanton destruction of valuable timber demand, for pole timber
The chief source of anxiety to the Canadian suplement for poles or or tongues; every binder, reaper mower, drill, cultivator, wagon or sleigh made
in Canada requires a pole. 1 estimate that from 200,000 to 250,000 poles are required annually tity used machines made in conada. The quanrapidly decreasing. Twenty-five years suppo the
counties of Lissex. Kent, Ontario, supplied, vast, quantities of white ash, made. The total coming from these counties now would not give a supply to one of our smanlest
factories. Canadian oak is also about all used Iactories, Canadian oak is also about all used
uny oak poles used in canada come from
the United States.
Practically all the poles or tongues used for agricultural icalimplements, bollo in in canada and the United States, are made from
Long-leaf Southern Pine. Not only is this ma terial used for this purpose, but also in car-
building, and for a variety of other purposes for building, and for a variety of other purposes for
which Canadian white or red pine is not suitWhich Canadian white or red pine is not suit-
able. The Long-lear Yellow Pine, grown in the
States of Coorgia. Floride. Alahama Mississipp States of Gieorgia, Florida, Alabama, Mississipp
and Louisiana, sems to be especially adapted for
noles for poles for agricultural implements. It it it very
strong and tough, being full of resin or pitch, and it grows large and free of rose knots. pitch,
freight on this, from the mills where it is
produced to points in Canada where it is used, runs
from $\$ 12$ to $\$ 15$ per 1,000 feet. b.m. During the past year, we have experimented, to some extent, with Canadian birch, and we are of the
opinion that, if properly selected, it would be suitable for the purpose. The rerowthoold be
birch trees is confined to northern Ontario Quebec, and, while moderate supplies of suitable
timber might be obtained, it would not be to simber to secure subficient to meuld not be pos-
mand the large deThe production cicated. The production in Canada of soft elm and
basswood is still large, and these timbers come
 Ontario. These varieties are used, not only by
agricultural-implement manufacturers, but by ayricultural-implement manufacturers, but by
piano and organ makers ; besides, large quantities are exported. The selected and best qualities are used for piano keys, and for export trade, and immense quantities of the lower grades are
used for packing cases. This is also true gard to spruce and hemlock. Conadian hard maple is still in good supply, coming chiefly from
northern Ontario, and is an excellent wood for many purposes.

## The lumber

o. exceeds ten million feot of the Massey-Harris the exceeption of pole stock, oak and whilitewood is principally drawn from Canadian sources. The
value of their annual purchases is about $\$ 260$ 1 offer the following suggestions, among many Encourate the doubtless come before you : arieties of timber phanting of the more valuable extinct in Canada. is still growing and increasing in value. irom lands where settlement is crowding clearing.
Where our own timber is growing and increas ing in value, use the other fellow's, i.e., draw on
outside supplies, and conserve your own.

Dimes for Minutes in Grading and Test ing Seed Corn.

Corn Growing in Ontario in According to the Bureau of Industries, the area husking corn amounts to 330,000 acres, whil silage corn scarcely reaches 1.93,000 acres. These amounts, to some, may appear large, yet, con sidered mathematically, the combined areas repre sent but one-seventeenth of the entire acreage de
voted to crop production in this Province. This fact is due to a variety of causes. The diversified conditions and the differeut systems of farming peculiar to this Province have gone far to
encourage the growing of a great variety of encourage the growing of a great
crops. Then, again, a lack of proper appreciation of the food value of corn per acre, as compared with that of other crops, together with the more profitable strains, has mitigated against the more profitable strains, has mitigated agaist the Regarding the present yield per acre, we find been 70.2 bushels in the case of pusking corn, while with fodder or silage corn, 11.4 tons of green corn per acre is given as the average for jority of leurgth of time. Heretofore, the malet well enough alone, and have made but little attempt to improve upon existing types. True, a great deal of valuable work, bearing on crop imtific men her great work of corn improvement must be conducted on the farms where the corn is intended to be grown. Corn bred for use in its own locality since experience bas shown that it is very difficult and expensive to obtain seed corn of first-class quality from others. In work such as this-pracenemies are ignorance, apathy and prejudice. While the man of science is the sworn interavail is even plain fact if prejudice be uppermat In the light of economic truths, therefore, should dvat waive everything which tends to retard problem? , and grapple with this all-important simple, so practical yet withal so scient is so it cannot help but appeal to the intelligence of all progressive growers. food may be divided into two great classes, viz. composed of varieties of the well-known Leaming type, which produce large, leafy plants, bearing great deep-kernelled ears. The latter class is
composed of varieties of the Longfellow and Compton's Early type, which produce finer mor compact stalks, bearing long, large-cobbed, shal-low-grained ears. Strains of this type have been
developed by nature in the central and northern localities in order to facilitate early maturity. The dent varieties are indigenous to southern producing large they grow large and succulent. producing large ears, with deep kernels. Brought and where early frosts prevail, they have not suf ficient time to reach maturity, hence the lighter, grain production is sought be resorted to where growever, these dent varieties will reach a sumf ciently advanced stage of maturity for silage purposes over the greatest part of Ontario, especial ly when the seed is matured north of Lake Erie,
and not in the more southern corn States often the case. While it is generally recognized that a greater food value per acre may be realized from the dent varieties, still the difficulty of
securing reliable seed of the right type has cansed many to abandon these varieties and fall back upon the lighter-yielding but more reliable flints. particularly is this the case in the more northern pend largely upon the seed-houses for their seed These establishments, finding it difficult to get in Ontario seed of these varieties possessing good get their supplies from across the line storing, such as this, though it may all grow, cannot beed expected to give best results when brought from southern latitude into a district where the problem of securing seed from pure, early-matur ter adapted to strains of corn which are betme met, still, in the last analy is one which must sideration should be directed towards the storina oined until planting that its vitality be mainalready solved by private. Until this problem, generally practiced, dealers will continue is more which supplies of dent corn from these sources, cerned. In the fact that southern-grown vact, together with tender, so to speak, even when grown for siopen for a most valuable work in Ontario. This
work must necessarily be ture, and must advance slowly and systin its naproduction from the first, we must encourage the
recognized varieties in our own Province. must increase their yielding capacity and make
them more suitable to the conditions under which they are to be grown. In the northern parts we must aim to develop better fints for husking purposes, while in the more southern portions of
the Province we must encourage the production o pure-bred, hardy, early-maturing dents, suitabl for silage purposes further north. In this work the interest of both grower and buyer are insepar bly linked.
ng must be exploited the whole system of stor so that all high-class seed may on a safe basis so that all high-class seed may be carried over
from harvest to seeding time without danger its vitality being impaired,

CORN BREEDING
The system of corn improvement, as adopted which chould commend itself to Association, is on
eareful grow ers. The success which the members of this As
sociation operating with corn have already achiev ed, bears ample testimony alike to the merits the system and the intelligence of the operators This system is, no doubt, known to the majority of the readers of ". The Farmer's Advocate," but
for the sake of those unfamiliar with it, we give the following outline, step by step
First, decide upon the variety it is desired to
improve. This may be improve. This may be one that has been grown in the locality for years, or may be a more resuperiority
Secondly, locate a piece of land on a part of
the farm isolated, at least onequarter of a mile the farm isolated, at least onequarter of a mile from fields producing corn of other varieties. This
distance has been found necessary, on account of the tendency of corn to cross one variety with another, and, remember, our aim is to produce a pure-bred strain. This plot should consist of as to accommodate at least 20 rows, with 50 hills in a row. It should also be in a good state of cultivation, and composed of soil suitable
corn-growing. Thirdly,
bed into squares, at least $3 \frac{1}{2}$ fert apart Fourthly, choose 20 ears, each of which excel in the various points looked for in a good ear of corn, and test each individual ear for vitality.
Fifthly, plant each individual row with from a separate ear. The reason for this is cause of the great variation existing between the different ears as regards yield, and this system allows one to single out and select from the hear
ily-yielding rows. Sixthly, as the
remove all of them from every alternate appear
well as those from as well as those from all inferior scrub and barren
stalks on the intervening rows. This is done prevent inbreeding (fertilization of the silks of an ear by the pollen from the tassels of the same stalk) and to avoid the danger of the barren and
scrub plants fertilizing the good ears, and thus predisposing them to perpetuate this, avid thus And lastiy, select for next year's breeding plot
the superior ears from the best plants of the superior ears from the best plants of
the most productive detasseled rows. By this method both parents are cont and the tendency to produce strong, healthy, productive plants and ears is encouraged. When this
plan is pursued, and the same type of ear selected year after year, a marked improvement in type and quality gradually adds to the value of the The inceptive stage of the work of corn improcement, as conducted members of the A
sociation, dates back to little more than on
vear. vet, even with so short a time informa yion of great value has been secured, which should prove interesting. The points most noticeable
and of greatest significance, to date, are as fol First, the great difference in vitality between This was found to vary from 21 per cents. practically a perfect germination. growth of the - The great variation in the vigor of Thirdly.- The variation in the ver cent. of strains. This was found to fect freedom from barrenness to 34.19 per pert r per cent. of harren stalks than did the flints
Fourthly. -The difierence betw rows in the same plot, as regards the different to produce nubbins (sinall, inferior ears).
Fifthly. -The difference in the productive pacity of the different rows in the same plot.
Sixthly. -The variation
oxisting
bet we strains of the same variety. This was found to
be almost if not quite equal to the difference ex be almost if not quite equal to the difference ex-
isting between different varieties, and is no doubt due to the various conditions under which these have been grown, together with the
of care that has been exercised in choosced ears. This being the case, any

make for system objective evidences of the utility of this a high standard in crop proping and maintaining ly apparent to require no further comment. It is ment may infect and spreat the germ of improvegrowers generally will realize that ere long the selves must grapple with this all-important them-
tion. tion. Sec L. H. NEWMAN. INote-Those who desire to take up of corn-breeding for themselves, under the guidance of the Association, can get instructions with-
out cost by writing the Secretary Conadian Seal growers' Association, Department of Agriculture

White-pine Forestry as an Investment.

## Sent Station are the following calculations of the

 profis of white-pine reforestry on waste pasture lands:The original value of the land is placed $\$ 4.00$ acre; taxes are computed at $2 \%$ of the original value, The allowance for taxes is really not necessary, as he Legislature of the State has passed an Act exemptten years. In the calculations it is estimated that of the
seedtings will be grown in a homemade nursery bed, at $\$ 2.00$ per thousand, and set $6 \times 6$ feet. The estimate upposes that the crop is cut clean at the end of forty
years. The trees should then average eight to twelve inches in diameter, and yield 140 cords per acre. At
present such would sell at $\$ 3$ to $\$ 5$ per cord an the present such would sell at $\$ 3$ to $\$ 5$ per cord on the
stump for box boards. One may safely assume that stump for box boards. One may safely assume that
this price will, as a matter of fact, advance during that next forty years. It is also prohable that the profit
fiom the from the crop would be greater, providing only one-half for later harvesting. Bearing these conditions in mindt,
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$ Returns.-For this investment of $\$ 50.99$ per acre.
the owner should have at the end of forty years, as at prices on the stump $\$ 3$ to 85 per cord, and , prothably,
prices will the considerably higher forty years hence.
$\qquad$ that tew more protitable long-time investments are open
to the vermont public to-day than the planting of
white pine on the low-priced lands which abound in the State. And the man who does it may have the further
expectation that such an investment will not only enrich his heirs far more than any form of life insurancel
but will, in addition, contribute to the prosperity and

Advance in the Price of Lumber.
$\qquad$ no better way to get next the consumer (who, ol
iginally, as a rule, is the farmer) than by talh
ind does not enter very extensively into the constroue thon of modern farm machinery. As time goos
on we find there is less and less used, and we are
not, therefore, in a very fooll position to sumk not therefore, in a very food position to, spak
with authority regarding the
demand of different kinds and supply and To begin with, we might say that we mewer had basswood and different grades of clm in fastorn our requirements each season. The pinc we ul duty making it very expensive when faid down tured out of this wood.
Prices, as compared with those of 20 average of from 25 to 40 per cent. Some much as has basswood, for instance. for our business, we, we would state that
difficulty in obtaining in a a a greana



A Theory of Spontaneous Origin of plants

Will soil, when in certain condition, sometimes produce plants by itself, without there first being a seed or root from which to grow? This is a question for our scientific agriculturists to allswer. If the answer is "no," then there are Certain things which need explanation, for several being correct. Here are a few of them: Where is well known that, in certain sections, short time they rapidly turn to a heavy bluc grass sod. It may be argued that the seeds of oots of the blue grass were in the soil, ready
grow at the first opportunity. Let this be ing the past few years we have had wet summer Come thick with small white clover. Have the seeds or roots of this flant been lying dormant It is related that, after the burning of Mosow in 1812, a certain variety of tree sprang up great profusion, so that it the Russians had wilderness. Were the seeds in the ground all hose years, or were they carried there by the

It is well known that clay land, trampled upverrun with sweet clover. Whence did it come?
Here is another case of red wet-looking ground, and on it there is kind of grass growing which grows nowhere else nearby. Ner a mile away there is another patch oi the same hind of ground, and the same kind of yrass grows. on it. Although blue grass grows
all around it, it does not smother out these small I once read an article stating that in certain districts where hardwood timber was cut a new
growth of soft woods would spring growth oi soit woods would spring up, and vice
worsa. If this is a fact, what is the reason? althowgh people instances might be given; and, instance which came under their notice which helps is the solution of the It seems probable that this whet her or not wheat will turn to chess. Is this
(Nots.-That plants will originate spontaneous mind. The puzzling instances cited fically-trained of others are all explainable when one takes cols the whommema, Natures that might account fo the earth with vegetation are inconceivable in
their variety and astonishing in their effectivenes while. while such agencies as birds, wind, water and
animals are continually disseminating others. atme such as wild mustard, will lie in the ground
a conditions awaiting opportunity to grow Wher usurn the hecome favorable, they flourish and our correspondent cites. if he the particular cases
$\qquad$
$\qquad$
$\qquad$
$\qquad$ and the seeds, the ounc| st ubble bering plowed down Gurg corvespondent's dathe not hecessarily explain
$\qquad$
$\qquad$
$\qquad$
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THE FARMER'S ADVOCATE

The History of Fife Wheat.

| They wore no coat of armor, the boys in twilig <br> They sang no classic music, but the old "Come lays <br> For armed with axe and handspike, each their foe, <br> They rallied to the battle-try of ". (iee !'" '" and '" Whoa!' <br> And so they smote the forest down, and rolled in heaps, <br> And brought our country to the front in thigh and leaps <br> And left upon the altar of axch home whemen <br> some fragrance of the llownors that bloom |  |
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Canada famous<br>monument aroused interest as 10 ". how "" the in- vention was accomplished, so in this case peop)<br>are asking just " how "Fion wheat, that wheat which, more than any other, overflows the ale-<br>vators and streams out in a golden avalanche over the great railways of the West, originated; and the following facts, compiled from information kindly supplied us by a niece of the late Mr . Fife, will be read with much mterest, especially<br>\section*{What is the Farmer's Best Power?} by those to whom, as to Dr. U'Hagan, the poet

of the pioneer, the good old days of corduroy and logging-bees still bear the flavor of romance, or Considerably over hali a century aro, Mr David Fife came from Glasgow to Canada, and
settled on the farm in Otonabee Township. Petersettled on the farm in Otonabee Township, Peter-
borough County, which is still occupied by bis son, Sylvester Fife. Like other proneers,
out valiantly to
ounte the forest down, and roll the logs in heaps," and, with others, found
that, however many the compensations afforded, living in a new country is not all sunshine. One
of the worst annoyances was the continual rusting of the wheat, of which, in the small areas
possible to forest clearings, a good crop was necessary. While this trouble was at its worst, Mr.
Wm. Struthers arrived from Scotland, and, during his stay at the Fife homestead, heard much of
the fatal "rust." On his return to Scotland, when looking on, one day, at the unloading of dock, he thought ois his friend in Canada, and put
into his cap a couple of handiuls of this wheat, "hich he aiterward gave to Mr. Fife.
In the Fife garden there was, in the fashion of those early times, a great pile of logs. These
were burned and the ground prepared, and, in the "tot so provided, Mrs. Fife carefully planted the
what, raking it in with a garden rake. It grew,
wher "harat, raking it in with a garden rake. It grew, world, unlike any wheat that had ever been.
The observant. Fifes noticed these tive houds, and great was the consternation when, whe day,
the oxen were found, not only int the wheat plot,
 mains on a plate, and these wre again planted.
tn the little crop, so gained, non-rusting proper-
tien were again in evidence, and now, indeed, the
 sow a small ficld. Mmples. With characteristic gencrosity he turned
one away empty-handed, gining to some, and
ond others at the same rate as for ordinary
liefore long the rust-proof wheat was Thencent on sandy and.
 he wrain itseir appeared to he tha charater or or
$\qquad$ was streadine or th and west, overfowing into

| the bread supply to no small extent of the modern <br> - Just one little incilont. and we will close Some years ago, Mr. Fifi.. whon visiting an old grown grain above refertad (1), and regretted that ho had not saved some of the original seed, in ? Prem that tee might satisfy himsilf as to whether naw gran or the land had most deteriorated. The before in the then remembered that, many years "ymern," or handmili, from some of the ripe me. to present it to Mr. Fife as a souvenir had, howeser, neglected to present the little gift, Which had, in consequence, hung on the walls of her house for many a year. A search in the garret brought the little quern to light again. A fow grains were still found in it, and with these, in his old age, Mr. Fife repeated the ex- periment of his youth. The grain from these proved to be of very fine quality, but through mismanagement of those to whom Mr. Fife entrusted the seed, the product was lost track of <br> Such was the history of Fife wheat <br> From the above account it may be judged that, in all probability, Fife wheat may, as the prairies become exhausted, refuse to grow as it does to-day. However that may he, the fact is not altered that, by his keen observation and care, the late Mr. Fife rendered a tremendous them. to his countr?. With his example before them, farmers must get some inkling of what it may mean to neglect the apparent " freak " in farm or garden; and perhaps the great results which he accomplished may inspire some other farmer to render an equal service to his age. |
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$\qquad$ question to many farmers. I do not think there is a power suitable and cheap enough for an windmill: For grinding, for which it is mostly used, it is far from being good; the plates must be set so that they scarcely touch, or they wear out shortly, and if they are
not close they grind very coarse. To my knowl edge, farmers owning windmills take over 50 per cent. of grain to be ground. Few with windmill cut turnips with it, because the wind is not blowing when wanted, and turnips cannot be cut up days ahead. Windmills, also, are very dangerous, and very expensive to keep up, some
farmers not using them-that have them-for feer of them running away and causing fire A wind mill is all right, set on a tower, for pumping
water, but for anything else I do not consider it is A gasoline engine, in my opinion, is the only A gasoline engine, in my opinion, is the only
general-purpose power that should te used as a
farm power. farm power. But will they pay? Most farmers Can get their grain ground, straw cut and wood
sawed by their thresher for from $\$ 15$ to $\$ 30$ year. Is it going to pay a farmer to put in a gasoline engine, paying $\$ 300$ or $\$ 400$ for same, when the work may be done for the above-named
amount. The work is also done much more quickly and better, thereby saving much time and giving more satisfaction. It also enables the thresher to make more use of his engine in the
slack season. In conclusion, let me say, I fail
see where any inanclusion, let me say, I fail

Serious Timber Problem Ahead.

| It is now evident to most peo |
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## Getting a Perfect Stand of Corn

## It very seldom happens, says the Minnesots

 stand of corn is secured. The intention is to plant three or four or five kernels per hill, but i the number of stalks per hill be count three stalks lier hill would be found. The reasons for this imperfect stand may be summed up under three heads, viz.: (1) Lack of germination tests; (2)using tip and butt kernels ; (3) using seed that using tip and butt kernels; (3) using seed that
is not uniform in size. Since the stand is the basis of yield per acre, it is essential that a full stand be obtained. Therefore, the value of the above three points cannot be overestimated.
results of seed test with corn.
100 kernels planted. $\quad \begin{gathered}\text { Butt } \\ \text { Kernels. }\end{gathered} \begin{gathered}\text { Middle } \\ \text { Kernels. }\end{gathered} \underset{\text { Tip }}{\text { Kernels. }}$ Total growth in 20 days. Average growth per plant......... 2.0 in. $2.2+\mathrm{in} .2 .2+\mathrm{In}$ One hundred seeds were used in each case Planted at same time and same depth. Measure-
ments made each day until plants died. Seeds ments made each day until plants died. Seeds
were planted in sterile sand; therefore, what were planted in sterile sand; therefore, wha
growth took place must result from the storedgrowth took place
up food in the seeds.
DISCARD TIPS AND BUTTS
Many people think that the tip and butt ker
nels must be planted to ensure the filling nels must be planted to ensure the filling out of
the ears, but such is not the case. Each kernel planted from any part of the ear will grow an ea ends of the ear should be discarded, as they do not produce such good plants or ears of corn as
those from the center of the ear. neither is their those from the center of the ear ; neither is their germinating power so good.
As corn is usually planted with a band or a
horse planter, and these machines are not made horse planter, and these machines are not made it is apparent that best results will be obtained by using seed of uniform size and shape. If, for
instance, the small tip kernels and the coarse thick, butt kernels or other irregular and uneven kernels are used, the hole in the disk plate will
plant but one or two of the large seeds and five plant but one or two of the large seeds and five or six of the smaller ones, or, perchance, two ker-
nels get wedged into the mouth of the disk and no seeds are planted. Thus, an uneven and imperfect stand is obtained.
(other things in selecting ears for seed, take those (other things being equal) that have the most uni-
form kernels, and discard all butts and tips (irading the seed corn by running it through the
fanning mill will help to yive uniform kernels fanning mill will help to give uniform kernels for

## Seeding with Clover

I have been very much interested lately in reading the different items on the growing of
clover, but the most of them seem to finish up when they have secured the catch of young seeds, and fail to give anything as so the growing o the seed itself. Well, I think the growing of the down a few facts as to securing the catch o young seeds, and as it is rather expensive to fai in, especially when clover seed is high (as it is this year), we should have everything laid out best nurse crops to seed down with, I As to the wheat (spring or fall) and barley are a great deal surer than oats, and although it comes out all
right sometimes with oats, we never calculate to
risk seeding on oats if we are sowing eno risk soeding on oats if we are sowing enough
wheat or barley to fill out the requine wheat or barley to fill out the required number of acres to be seeded down. Of course, there is a person runs in securing the catch of seeds, as in
wet seasons they hardly son we had they hardly ever fail, while last seaclover sod that was plowed down late seeds on acre, and got by sowing about 3 pounds to the though if that does not always happen, alseeded down with a very light coat the land to be manure, he can almost always depend farmyard catch of seeds, although it will probably take the soil a little longer to dry in the spring. As- to the number of pounds of seed to be sown to the
acre, 2 pounds might do in a damp season, while
10 would be none think, for the none too much a it would be better, to sow nearer 10 pounds than
2 , because if the season were little plants thick, they would be more likely to hold the moisture and protect themselves from being scorched by the sun after the crop of grain has been taken away. If there is also a goood
long stubble left it will hold the snow and let air down into the plants, if the surface becomes when we have the young seeds securely caught,
we have the finest crop on the farm for ing the soil., both enriching and keeping down
ingeeds, as all weed seedc ing the soil, both enriching and keeping down
weeds, as all weed seeds that shell out from the
nurse crops remain on the surface of the soil, have to remain spoiling, while those that are unde have to remain and
Durham Co.. Ont.

Iducationists at the O. A. College. Recently, nearly $\mathbf{1 , 0 0 0}$ members of the Ontario Toronto. At the close of the Convention, large delegation of the members of the Associa tion visited the Ontario Agricultural College a Guelph. A definite programme was outlined, and
strictly adhered to, thus enabling the visitors to strictly adhered to, thus enabling the visit.
make the most profitable use of their time. First, the dairy stables were visited to watch the milking of cows by machinery. Several milking machines have been tried, but not until this year has a successful attempt been made to solve
the greatest problem of the dairy business. This machine, however, has given sufficient satisfaction to warrant Prof. Dean making the statement that in ten years miking semmon as self-binders. common as self-binders. In the dairy building
Prof. Dean briefly outlined the work of the de partment. By experiment, they have proved that the souring of cream is not a necessary part of the most indigestible thing a man can eat, may
be cured or ripened at the low temperature be cured or ripened at the low temperature
40 degrees. Ripening at a low then 40 degrees. Ripening at a low temperature
cures better texture and better flavor
At the Poultry Department, Prof. Graham surprised the visitors by telling them that for
two winters hens kept in a house where the temtwo winters hens kept in a house where the
perature went as low as 13 degrees below perature went as low as 13 degrees below
and watered only by the snow which fell yard or was shovelled into it, had made the records in egg production. He advocated use of trap nests to test the individual egg pro
duction, for many hens do not lay any eggs, eve though they frequently go on the nest. A strong robust hen should lay 200 eggs a year, each egg capable of producing a chicken, and a hen which
lays less than 120 eggs a year does not give any profit. When Mr. Graham exhibited the cramming if he could not recommend a similar machine for quick delivery of English grammar into the
craniums of the small boys? craniums of the small boys
In the Physics Department showed an experiment in grain-growing. H. Day were planted in three crocks. One crock as when planted; through the second air was three days: and through the third air was forced so as to change the air once every day. It was found that the peas grown in the third crock gave a twenty-per-cent. larger yield and a much
sample of grain than those grown in crock thus showing the advantage of good tillag permit a free circulation of air in the
At noon lunch was served in the and in the afternoon the Macdonald Institute Macdonald Consolidated School were visited. Th the Chers were very much interested in the work the Consolidated School, and in the outline cipal Hotson and President Creelman, a of the school. As outlined, the school is pror ing a very great improvement on the rural schoo
system where each section has its own school strong proof of this is the increased atten In the rural schools of the Province attendance ance is less than 50 per cent. of the child
school age
dated the
school is better graded, the instruction
broader, including nature-study, manual
and domestic science. The system of education
and by doing, and not merely by reading and
memorizing. The children are conveyed
from the school in vans, and during th
winter 23 pupils in the
distance of six miles or over, did not miss a day
From an educational standroint, the consolidat
ed school is
ed school is incomparably ahead of the separate
section schools, and
tage-it costs slightly
more, for once the initial
has been borne, the only addition
cost of transporting the children
up largely of principals of se
inspectors. As one of these
up largely of principals of st
inspectors. As one of these
age school teacher's
age school teacher's salary is tow smalt
of the luxury of a visit to the
ever, thus composed, the delegatio
influential
influential one, and, as one enthusias
than in a weck at the Convention at the College
stating that the visit was a profitable one both
fact that agricultural colleges are bering estat-
lished in three of the other Provinces of the tho
al College is increasing. All that is neetled is
that more of our people should visit the College,
and become acquainted with its work and courses
of study and not only will the atteng
if study, and not only will the attendance at the

## of the Province will yield larger returns

 lege should arouse an interost on the the Col teachers all over the Province, not heretofore manifested in this institution. To establish astill more permanent influence, especially upon
the the coming army of rural public-school teachers
of Ontario, provision should at once he made. of Ontario, provision should at once be made,
under the nerv Education Act, to have one of the new Normal Training Schools located in close afnew Normal Training Schools located in close af-
filiation with the

## Michigan's Forestry Problem

Michigan, once possessed of a natural forest
to be proud of, says a correspondent to Hoard's
Dairyman, is fast being despoiled of Dairyman, is fast being despoiled of her trees, south, within her boundaries. The State For estry Commission, under the leadership of Hon. it can to check the wholesale slaughter which is going on, and to prevent total extermination
our once splendid timber growth. prairie country in the West. where for hundreds

Oak, White Ash and Roci Eim Practically Extinct in Ontario.
$\qquad$
such timber as oak, white ash and rock elm aid practically extinct in Ontario, and we are obliged
to purchase much of this material in the Unital States. We think the proposed bill to ex.rmpt farm woodlands from taxation is a move in the
right direction, as there is no doubt, if some care right direction, as there is no doubt, if some care
is given to woodlands, that it will ultimately prove a very satisfactory
DAVID MAXIWELTL

## THE DAIRY.

## Factories and Hand Separators.

$\qquad$ ing circular and foot-note, recently issucd in the
Montreal Produce Merchants' Association: ." Gentlemen,-The Members
prairie country in the West. where for hundreds
of miles not a tree is in sight, except occasional-
ly along some ly along some watercourse, can but deplore a Fine farms, fertile land, abundant crops
doubtedly exist there, but there is nothing break the monotony of the landscape, and the be
holder longs for the trees which beautioy bring harmony and the needed variety ion and scene. The greed for gain is the sole argument
in favor of clearing up the land and loveline the
$\qquad$ wood-lot on the average farm. Men see added
dollars in the sawlogs or the cordwood which the trees contain
Professor
Professor Bogue, of our Agricultural College
shows how get a revenue out of it and still allow it to resuch a piece or timber will actually increase in
value.

## The Best Roof?

Edtor
As
buildin

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bulding or repairing old roois this summer
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$\qquad$ erect a shed about $24 \times 50$, to store straw in, on
my father's farm in England. We covered the
roof with roof with corrugated galvanized iron sheets. 5 ft .
by $2 \frac{1}{2} \mathrm{ft}$ or about that. 1 expect to have to roof my barn within a year or two, and am try-
ing to get posted as to best.
desirnbeapest desirable roof covering, so a few weeks ago asked for particulars about this roor. To quote
my father's own words: "It is practically as good as ever it was, and has never been mended and never leaks". I think that is a pretty good
record. We all know where shingles would be in 24 years. Neither the man who helped me nor myself had ever laid an iron roof before, so we
were as green as any one call be. The taiters
were not covered with lumboll were not covered with lumber as for shinglest ; we
spaced the boards so that spaced the boards so that one came at each end
and one in the middle of each sheet of iron. In
this way it would not take more than much lumber as for shingles-quite a saving. as fresh cream, the resultine thind day is mixed with

 and be cheaper. Anyway, I and as long as ion would this to the factories in properly-covered cans. In

Lucerne for the Hillsides

Produce Merchants' Association have. durine the
past season, been still further impressed hy the
inferior quality, gencrallv of lumter ont ind inferior quality, generalls, of buttor madh irom
hand-separator cream, especially whon less frequently than every day. and thev gathered once more to warn makers and patrons against the use of the hand separator. To patmons who find it desirable on other grounds than mere constrongly advise that the cream they should the creameries every day in jacketed cans. pupher Iy insulated. Makers are further most strongly
urged to keep hand-separator cream that separated at the factory, to churn it by it self, and to pack and sell the product separately. If thace precautions are not rigidly observed, there is no doubt that our reputation for producing try will suffer. I am, gentlemen.

Note-Before being issued, the above circuDepartment of Agriculture to the officers of the ff the Province of Quebec." ing of the circular to notice the insidious wordnote, which is evidently intended to af the iootpression that the Departments of Agriculture of the Dominion and of the Province of Quebec agree You are well aware that cream-gathering iat
ories are rapidly supplant tories are rapidly supplanting milk-gathering fachairying countries, and that the advantages of heir use far outweigh the disadvantages oif theirCory only every if cream which is sent to the fac-
$\qquad$
$\qquad$
$\qquad$
 Being a nitrogen-gatherer, it rather improves the
land it grows on, especially if a little ashes, and
possibly bone meal are used on the aliolfe possibly bone meal, are used on the alfalfa
from time to time. When that land is plowed
of alfalia it will be more production than


 know no other means of building up, a hilly fare as mam as uni. hum
that will compare with the plan of hat will comparn with , whan

believe that animals so kept have a tendency
produce milk of a better qualit than those that have been allowed to come up it, can be produced certainly, growth in any animal the animal hecomes farther advanced in age, and growing and get all the size we can prior them their coming in milk.
is that practice and theory young dairy animal growing at the keeping the speed, furnishing abundant feed, not too fatten ing in character, and giving, at the same time. abundant exercise. Nothing but the judgment
the feeders can determine the be given to the individual cal

## POULTRY.

## Going Light.

finds one dead under the pocks of hens frequently finds one dead under the perches which shows no sign of disease, except that she is very light fo
her age. As these hens which ./ very often the best layers, and have been laying for a long time steadily, there is a commoning position that they have overlaid, and a the strength from their bodies. that they din as a result of the long-continued laying. I used to take this commonly-accepted explanation as the truth, till I noticed that in every case that at racted my attention, the flocks in which the hens were light were, housed in buildings wher tracted my attention particularly, One ca the trail of the filth
the trail of the filth. A large flock of hens wa had been making a study of laying types, and decided to divide his hens into two flocks, separated by a partition rumning through the middle of the building. We put the hens which we thought formed most nearly to the laying type on one side of the partition, and those which we thought less
likely to lay on the other side building frequently to watch the result of our experiment. I had never before seen so many
hens going light. At the same time, I noticed hens going light. At the same time, I noticed about the building, which came from the droppings souring and moulding on the earthen flo ing out. I afterwards noticed that the filth ing out. I afterwards noticed that the fir
always evident about the quarters wher
were going light. As the hens afflicted wit were going light. As the hens afflicted w,
malady showed no signs of bowel trouble, difficult to understand how the filth affected was dead hens revealed the fact that in everv case the liver was abnormal. The hens, scratching about in the filth, pick up bits of it, which bring on
liver trouble, from which they finally die An experiment. in which they finally die. penned in a small pen with a ferv healthy proved that it spreads from one to another all of them, in a short time, began to go light,
probably from picking from the sick hen with their food
may perhaps be explained by most subject laying makes their sastems by the fact th
ing off the effect of thable The remedy

## Canadian Eggs in England

int time yet, in order the che at the pres or this product, it is necessary that Canadian: nethods of packing
interview with an extensive importer result of a ${ }^{\text {ald }}$ As a start off, it may be said that Canadian pickled eggs have seen their day in England. Th ggs most in request now must be glycerined. for instance, of an ordinary everyday box of Rus sian eggs measures about six feet long and some 1,440 eggs which Finglish each box containin what is called 12 great hundreds. cachassify int dred meaning 120 egregs, and weighing, on an aver ge, fifteen pound.
eggs at auction, the seller never refers to his
dreed Auch per hoox but so much per humtere is we case with fruit, the packing " khould sont not ,......ine wood, and the sides
detail, but it is of vital importance to the fresh- Grape-growing in British Columbia ness of the eggs on arrival, as it admits the ail
thus keeping the efgs at a certain even tempere ture. The box itself should be divisioned down the center (crossways) by two boards, each boar
being about two inches apart. Thus we find the
box apportioned inhey box apportioned in, say three feet at first the inches, then comes the second board, and afte this, the remaining three feet of the box. The central apartment means a big thing, as, when
the eggs get into the hands of the small wholesaler, it is quite casy to saw the box in half witharating the box absolutoly center boards, thus sel on a side, with a consequent risk of breaking th only afford to take half a the retailing man cay and this idea would spectilly moet his require first of all, lay a thick laver of wood-pulp chares, ings at the bottom of each of the two divisions,
and and on the top of this they place what may be called the first shelf of eggs, every agg being in
the same direction, and each division of the tor containing ten rows of 1 n eqgs. making a total number of 180 in a sholf in wach division.
on further layer of shavings is again placed shelves of eggs. when the whole of we have four are fastened down by two boards. with about two inches width between them, as mentioned before,
for reasons of temperature: against buylish importers have cmallways te n pr. judiced chief reason for this being. that in course of trant hem, result only. requires one single man to lift the contents, as it is not to be expected that one mree of sureness and safety as with the same de-
gact then can : in lact, this very reason acts detrimentally to irish
aggs on the ibritish market at the present time." Leeds and Hull, Fine. JAcKison. Com. Agont.

Eggs on Plain Diet.
White may interest you to know that I have hart ber 28 th, even when the temperature was 44 be-

low zero. They were fed without soft food mash, and without any fancy foods. They sime ply had a good warm henhoise, grit, meat scraps | chicks. |
| :--- |
| Algoma, Ont. WM. Here incubator-hatched |

GARDEN ORCHARD.
A Planting Board
of getting
position fo
position for cach tree before begiming to plat Laths are excellent for this purposmong. Then. when all bas been properly staked out, a planting-
board should be used sol as to consurn gelting ,ach

 I have succeeded very well in growing grapes, grapes grown in California coming in at a the low ireight rate, and being more attractive than the eastirn varletues which 1 grow, I dind that in
most all casces the people of British Columb prefer the Callformia iruit. So, right nere. am not going to advise anyone to go into grape-
growing extensively, without taking into actor the fing extal part of it. I raised this year 20,000 pounds of grapes, and have not iound a market for half of them. As I did the same last the local marhet supplied by the California grapes, which come up to Vancouver by stcumina every live days. The freight is 80 conts per 100 pounds, and the distance nearly 800 milus. Now the Co me 78 cents by regular freipht for ind mules, and the lowest by express $\$ 1.50$ per 150 pounds, so the only market of importance if
closed hyainst me. leeone preter to pay mor for California grapes than the Fastern aryeties which I grow to perfection. There are, of course
the markets of the Northwest to supply, and will state how that is done. The wholesallers, say at Calgary or ldmonton, want a variety
fruits, such as peaches, bananas, orancres Well. at the coast they can make up a carload of mixed varieties and send them out by freight In a reirigerator car, and keep them in this iced
car until all is disposed of while I out by express at the lowest figure, $\$ 2.40$ and 1000 -pound lots at that, or, lesser lots, $\$ 2.50$ per 100 pounds. These are the plain facts $r$
garding the markets: now garding the markets; now 1 will give my ex-
perience in grapegrowing in the dry belt at ton, at about 700 feet elevation. My soil is rich. sandy loam, and I have chosen a part for rrapes well sheltered from winds. The vart for
are the Concord, Worden, Delaware. Niagares are te Concord, Worden. Delaware, Niagara and
Sweetwater. I find this grape does exceedingly woll, and the only thing against it is that it is not large and is green, while the market here
calls for a larger grape hlack or calls for a larger grape. black or red preferred.
even if the quality is not so 1 set them about eight feet in the row, selecting the and of one or two years old, taking care in planting at the same time cutting clean of all bruise. roots. taking good care to have the hole large enough so I can spread out the roots. I keep
the rich top dirt to put in first, and spread the roots out as nearly as possible to the way they
grem, pressing the carth down around them Then I fill up the whole, and if dry $I$ put a bucket of
water in it before it is quite fils Water in it before it is quite filled so as to settle Grapevines need the same clean culture as a
field of corn, and so do trees. The suckers must be pinched off, and after the first year a trellis of three wires to keep the
vines up off the ground and the Thes up of the ground and the berries clean. Years, and then the grower can expect on two hird year quite a crop of grapes, and from that membering the grape, pruned for fruit, always re-
$\qquad$ haths. Concord, tharieties, 1 would take the ofd retherw ar. many other food varietioses.s. While rommental purposis these are the most reliable
$\qquad$
$\qquad$
$\qquad$
$\qquad$


## olumbia <br> can grow the finest fruit in the world, and if the C. P. R. would give us a living chance we could make a decided success of grape-growing. This year and last 1 realized so very small a sum for my grapes that I intend to have all my vines grubbed out next spring. Thos. G. EARL. Lytton, B. C.

## Neglected Orchards.

A week ago, one of the editors of this paper
while passing through a portion of Middlesex and Oxford Counties, began to count the number of orchards in sod. in grass, two were sown with grain, and two looked as though the owners pos-
sibly intended to cultivate them without any other sibly intended to cultivate them withou any othe rop. wive twenty-three orchards wherein were heglected the first principles of orchard practice No doubt, if interviewed, every owner would have said there is no money in an orchard, yet not one
of them has any ground for saying so until he is $t$ least prepared to give his trees the full use the land, cultivating as frequently as for a
hoe crop throughout May and June, and then July, to be plowed under early the following pring, and the cultivation repeated. many people think they are adopting fairly up-to
date methods when they use the orchard for og pasture, and, while there are several ad vantages in this plan, it is far from being the correct thing. If orchard conditions were like those in the rimeval forest, where the ground is shaded and
the soil covered with leaves and filled with decaying vegetable matter, cultivation would be unnecessary. But, subjected, as our orchard to bake more or less, cultivation, or a substitute
in the form of mulching, is necessary. Some
on vears ago, in New Brunswick, the writer was pass
ng an orchard with $G$. H. Vroom, Dominion ruit Inspector in the Maritime Provinces. When
hirty rods distant, Mr. Vroom remarked, ${ }^{\text {a }}$ There must be a garclen spot under one of those row:
of trees," "How can you tell from here ?" "a Coliage: wait till we get opposite the ends of the rows and see if l'm not right." True enough,
when we drew closer it was as he surmised, and at when we drew closer, it was as he surmised, and at
close range the difference in the foliage was striking On the garden spot, which had, of course, receivec
considerable cultivation, stood trees with a rich grece, healthy foliage. Every one of the others
had yellow, sickly leaves. Inspection revealed whereas the others had a goory little, and that was livarfed. It was a convincing object lesson.
"That's always the case," remarked the Inspeclova Scotia. hime noticed a great many like Nat. I can tell whether an orchard is cultivated
hat age means vigorous trees. That's what cultiva ind in the orchard, let it be a late-planted hoe crop. With early preparation of the soil, fre-
quent summer cultivation and heary manuring, though it would be much better to give bearing we are willing to do this it is no use looking fo rofits from apples

A Niagara District Fruit Farm.<br>

Blowing Our Horn.

| pleasant and the family. <br> No farmer <br> Advocate |
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THE FARM BULLETIN.
Have any of our readers tried the split-log drag,
described and illustrated in our issue of April 12th? We shall be pleased to hear of any Canadian experience
with this simple road implement.
The Japanese Parliament has introduced a bill, pro iding for the nationalization of railways, and authorIzing the Government to compel companies to sell to it at a fair price.
Every rural public school this season should cele-
brate Arbor Day by planting trees and flowers brate Arbor Day by planting trees and
Empire Day by flying the Canadian flag.
Trustees and teachers will read with interest
advantage the article on "That Old Schoolhouse
the Home Magazine section of this issue.

## New Secretary for Western Fair

London. Ont., for some five years past, recently re signed his position, in order to devote his whole time
to his increasing personal business. The Board Directors were fortunate in havings at hand, in the person of Mr . A. M. Hunt, of London, the right man for
the office, to which he was appointed at their last meeting. Mr. Hunt is well known throughout Middlesex


Mr. A. M. Hunt

## 

nswerving integrity having the full confidence of the agricultural community. Until some five years ago he
was successfully engaged in farming in Westminste Township, near London South, and since then has been engaged as an auctioneer and valuator. He gained
considerable experience in exhibition matters while Pres Ident and Secretary of the Westminster Aßricultural Society, which holds annually one of the best local shows in Western Ontario. He was also for a coupl bition time, amply denonstrating his capabilities. He assumed his new office on May 1st. The portrait
which we publish herewith will introduce him to readers of "The Farmer's Advocate." Farmers and stock
men generally will be pleased to learn that the Wester Fair Board have this year added about $\$ 1,500$ to the
rize-list, $\$ 300$ extra being devoted to the horse classes prize-list, $\$ 300$ extra being devoted to the horse classes,
$\$ 300$ to cattle, $\$ 100$ each to sheep, swine and poultry sar to dairy products, $\$ 100$ to horticulture, $\$ 60$ to
agricultural products, and so on. The Western Fair of
of top-notch agricultural and industrial shows.
Thoroughbred Horse Society Officers.

## ar a special meeting of the Canadian Thoroughbre

## Our Scottish Letter.

CLYDESDALES AT KILMARNOCK SHOW. The show season here has opened, and there is little else being talked about in the West Country but good cattle, horses and sheep. Kilmarnock Show was held on Saturady last. It was an entirely successful event, with well-filled classes and a good attendance of the public. Clydesdales were an extra good show, and quality and numbers have probably never before biticular, were very strongly represented, and there is undoubt edly renewed life and vigor in Clydesdale breeding
here. Two things are specially on at Kilmarnock this year. The family-group prizes for the best five yearlings got by one sire were won hy three sons of the celebrated Baron's
Pride 9122 . The old horse tered for competition. The himself was not engot by the noted Everlasting, himself unbeaten as a yearling, two-year-old and three-year-old. The second group was by Baron o' Bucklyvie, also a vinner is owned by Messrs. A. \& W. Montgomery ; Baron
is o' Bucklyvie, by Mr. Wm. Dunlop, Dunure ; Mains, Ayr; and Revelanta by Mr. George Alston, he would in all likelihood have beaten his sons As it was, the champion female of the show was Mr. St. Clair Cunningham's two-year-old Minnewhita, whose sire was Hiawatha, and her dam White Heather, one of the best mares ever got by
Baron's Pride. The champion male of the show Baron's Pride. The champion male of the show
was Mr. James Kilpatrick's Oyama, which won the Cawdor Cup two months ago at the Stallion Show. His sire was Mr. Marshall's Baronson,
another son of Baron's Pride. In competition another son of Baron's Pride. In competition
for the Clydesdale Horse Society's Medal, the filly, Minnewawa, beat the colt, Oyama. The other special feature of the show was the extraordinary
success in the feinale classes of Mr. success in the female classes of Mr. I. Ernest
Kerr's first-class stud at Harviestown. Dollar Mr. Kerr won first prize in every female class except that in which Minnewawa won, and there he was second with Delicia. by Baron's Pride, out
of Princess Beautiful. He was first with the brood mare Rosedew, by Baron's Pride, out of Queen of the Roses ; with the yeld mare Pyrene by Baron's Pride, with the three-vear-old
Veronique, by Montrave Ronald yearling filly Marilla, by Baron's Pride. This was an extraordinary day's work, and the vic-
tories were not " flukey." The classes. were strong in numbers and quality The classes. were easy to win in them. In the male classes, first prizes went to the same tribe. Oyama has at-year-old was Mr. Marshall's Mefirst-prize threethe Brydon 100 -gs. Challenge Shield this and got by Baden Powell, a son of Sir Everard and his granddaughter, a marei by Baron's Pide. The first yearling colt was Mr. I. P. Sleigh's son The ascendancy of this Sir Everard tribe is as
complete at present as ever was the ascendancy of the Prince of Wales or Darnley tribes in their
day.

## A Farmers' Produce Company.

## Editor " The Farmer's Advocat

The Kent Farmers' Produce Company, of Blenheim, situated almost in the heart of the bean-growing disthe farmers of the locality. It was started about to years ago by farmers (being the outcome of combine of they mad some difflculty in a new business to them, hection with business to work right, everything in conperience, and with their efflcient manager, Mr. with exCameron, fair prices can be obtained by farmers A. down the prices and at no time can other buyers force A half-yearly for their own gain profit of $\$ 2,650$. This was valuansactions showed a as but little difficulty was experienced in adding $\$ 1,500$ handicapped for sufficient means company has been business, and directors had to give personal on cash the bank for same. At the present rate of progress the directors not only will soon he freed from giving their
notes, but will be remunerated by a fair salary for their

New Arrivals.
The Dominion Government has issued its report on according to which the year previous was by far the most notable, from the standpoint of immigration, of
any in history. The total number of arrivals in Canada was 146,268 the largest on record. Of these, 98,902 , or more than two-thirds of the total arrivals, came either from
Great Brifain or the United States. Great Britain or the United States.
The arrivals from Great Britain during the past year amounted to $58,359-\mathrm{an}$ increase of 14,985 pover the
preceding twelve months.
falling off last year, though to Canada showed a slight falling off last year, though it is still very large, and
the result of the immigration policy across the line,
highly satisfactory

Twelfth Annual Canadian Horse Show Annuâ have great pleasure in declaring the Twelfth success," was the model speech with which H.R.H. Prince Arthur of Connaught formally opened the combined Wednesday, April 25 th. Wednesday, April 25 th. The exhibition actually com-
menced Tuesday evening, and lasted until Saturde might. Except for a slightly smaller entry, perhaps bet
 last year. Magnificent display of horses on that of the.
under saddle, in heavy leather, and in light driving under saddle, in heavy leather, and in light driving
equipage-the spirited Thoroughbred, the dashing Suipage-the spirited Thoroughbred, the dashing
Standard-bred tratter and pacer, and the proud-stepping
Hackney-all were there Hackney-all were there, while, by way of variety, the
heavy-drafters, single, dooble heavy-drafters, single, double and four-in-hand, the polo
ponies, the hurdle performers, and the miscellaneous ponies, the hurdle performers, and the miscellaneous
classes-all displayed on a noiseless tanbark footing in a large ring, before a galaxy of richly-dressed people and a bevy of silk-hatted, frock-coated judges, with intermittent music by a military band, which helps to put
additional snap into already spirited horses-that, in a few'words, is the Canadian Horse Show.
There are two ends to it. There is the breeder's
part, consisting of classes of registered stallions and
mares, shown part, consisting of classes of registered stallions and
mares, shown mostly on the leading rein. these classes were judged in the forenoon.
spectacular ent of spectacular exhibitions of saddle and driving horses (in many cases the result of previous importations of pure-
breds by enterprising horsemen) are principally reserved breds by enterprising horsemen) are principally reserved
for the afternoons and evenings. This draws the patronage of Fashion. It is well that the two should go together as they do. Better that Society should
spend its substance on horses spend its substance on horses than on automobiles.
Shows of this kind help to create interest in and are, at the same time, an educator to our breeders. We learn what is wanted, and get in touch with the people who put up the price. There is in the horse
show possibility of great good. It is regrettable, therefore, that there should have
been a tendency to a falling off in the attent the first day, as compared with previous years after farmers and breeders there were, of course, but a han
ful, but even the city ful, but even the city people seemed to lose interest
their high-priced boxes, and absented themselves in nu bers. This was probably due to a lack of vim, to the
absence of new features absence of new features, and to a barely-sustained
standard of excellence. Unless an institution
 sort impreving, it is virtually going back. Now
there must be a reason for the apparent waning of i
terest terest by exhibitors, and, finding none on the surface
we are constrained to encent we are constrained to enquire more closely. It is open ment. The show has been held of the manase-
auspices of the the joint auspices of the Canadian ben held under the joint
Horse-breeders' Association and the Toronto Hunt. The former body has been
practically controlled by a number of prossion practically controlled by a number of professional deal
ers and exhibitors, together with some merchants and
other city other city men who own some horses, but can scarcely
be called breeders in the commonly-accepted sense of be called breeders in the commomily-accepted sense of
the term. On the joint committee of management are
ten men representing the so-called ten men. represent ing the sommittee of management are Breeders' Association,
Of these, only two are really representative breeder In the absence of more aldy representative breeders.
openly hinted by representation, it is openly hinted by the rank and file that wire-pulling has
been done in securing the appointment of that the average breeder who exhibits there must and and
the on bucking against odds. Who exhibits there must count
wise, of the insinuation, thiser the truth, or othersponsible for a marked alienation of sympathy thr reout the country. Hon. Nelson Monteith, Minitter of Agriculture for Ontario, tired of the importunity of certain men assuming to represent the horse interests
of the Province, has made provision in Agticulture and Arts Act for divorcing the amended the professional horsemen, so far as organization is concerned, and henceforth the Government's srant wil
be made to a bona-fide breeders' be made to a bona-fide breeders' association who will
devote their eflort to improving the suring stall show, offering prizes, doubtless, for stallions of the light
as well as the as well as the heavy breeds, and the horsemen may
then run the society affair as they like then run the society affair as they like. It is prolall
that the spring stallion show will thus dotract
what from the what from the other, and unless some radtical derar
ures are insisted upon in the conduct of the Canadia ures are insisted upon in the conduct of the Canadia
Annual. it seems likely to lose most of its interest
the majority of our readers Judges-The judges were: Thoroughtreds, Dr. J
G. Rutherford, Ottawa. Standard-bred trutters, pacers, Dr. Sinclair, Cannington, and Rotert Graham Toronto. Hackneys, Thos. Bell, Chicago, and Lancelot
Strother, Toronto. Harness Horses, R. F. Carman and G. B. Hulne, New York. Saddle Horses and Hunters.
Alfred B. MacLay, New Yormand Alfred B. MacLay, New York, and W. A. Mc(iibbon, New
York. Polo Ponies, Soward Carey. Mulato Tork. Polo Ponies, Seward Carey, Bufalo, N. ',
Delivery Wagons, R. F. Carman and Dr. Sinclair Ponies. H. M. Robinson and Robert (iraham. A hitcl occurred in securing the Hackney judge. It was in
tended to have Mr. Gallbraith, but a delay occurred in the transmission of correspondence, and late in the day
it was found that he could proposed to secure Hildreth Blood cond of was nex but arain the management were disappointed. THOROUGHBREDS,-Taking the classos in o der as catalogued, Thorough'breds come first. Ags Ag stallions
brought out last year's champion. Roht brought out last year's champion. Roht. Navies' Orme
Shore. ©o repeat his triumph. Next to him was placed
Dr. Andrew Smith's Liapanca. Wavies on Balsover, half-lrother to torme and third fell to
his sire. Orme. In through 1903, the red ribtuon went to Ri ole ant ann.


Sovereign Hero
 Canadian Horse Show, 1906. Sold to Graham Renfrew Co., Bedford
Park, Ont., three weeks prior to the show, by H. J. Spenceley Box Grove, Ont.
ting stallion class, H. C. Stinson, Brand and extensive action and type with hiph hass in in hibited the chestnut, Beau Ideal, by Dare Devil, a erond evel and extensive action and a proud carriage, unond ribbon as to conformation, while the blue or sec- had evidently picked upon Rod place. But the judges Manor, entered by Geo. W. Kennedy, of LIderton of the at Toronto last fall, a well-fashioned, well-mannered




Rosary (imp.) Vol. 2 (8617)



## Wire Fencing-Anchor Posts-Feed

 Rack.
## Bditor "The Farmer's Advocat

There is a great difference of opinion with re gard to the ready-made wire fences, but if a man wants to save all the money he can by putting up his own fence, he can do so in this way ten No. 9 line wires, and a barb wire in the bot tom (to stop the pigs), eleven wires in all, for apart. Now put high. Place posts 25 feet which will stiffen the fence and make it all right, for horses or cattle. If for pigs also, put on wire every foot or foot and a half between the slats, and you have as good an all-round fence as is made.
ling word about anchor posts. Take two scant of the post, 2 inches from bottom end, each side $t$ inch to 1 inch deep, for the scantling. Spike them on with 5 -inch spikes, one scantling on each
side of post. Now dig a hole the depth you want the post in the bround feet about 3 feet deep, we will say, with the 4-foo length across the fence. Dig a little hole for the position, with the scantling crosswise to post in fence. Now fill in level with the top of the the ling, but no higher, pounding down the earth with 4 or $4 \frac{1}{2}$ feet long fond 4 inches thick a round pole 6 inches from top end, put a pin through a hole 2 hand hold on each side. Saw enough boards put a board $3 \frac{1}{\frac{1}{2}}$ feet long on each rosswise. Now platform is complete. Put in about and your of dirt at a time, and pound about 3 or 4 inches fence I describe, you will draw them out. The of what we call the "Slat," fence and the line wires, begiake the spaces as follows between A very handy feed
ollows: Take four posts for cattle is made as 14 feet long. Saw boards 4 feet long for ends, and the posts, with a post in Now nail the boards on of 24 or 28 inches, then leave a space to a height eoards, and put a board all around the with center, with a plank and nail up each side in strengthen the sides, and it is top and bottom cattle cannot get into it, and I have use. ours at once. It is not of course-eating ours at once. It is not suitable for horses,

Special Prizes at International Exhibition. Eartor The
Chicago, ofier special prizes of the Union Stock-yurds, for at the International Livestock Exposition competed breeders and feeders in the different States, to the tional incentive to add further lustre to their achievments, by bringing about a competition between state breeders. They offer to the State which sends sta the lar

$$
\begin{aligned}
& \text { 1st-The greatest number of points........ } 8500 \text { (0) } \\
& \text { 2nd-2nd greatest number of points....... } 300 \text { (11) } \\
& \text { 3rd-3rd greatest }
\end{aligned}
$$

$$
\begin{aligned}
& \text { nd-2nd greatest number of points........... } 300 \\
& \text { 3rd-3rd } \\
& \text { greatest } \\
& \text { number of points........ } \\
& 200
\end{aligned}
$$ These winnings are then to be turned over

Animal Husbandry Department of the Agricultur lege of the State winning as an appreciation of proved work that is being accomplished by
cultural colleges in the education of farmers the science and practice of field tillage, the growing eeding, directing the science of breeding and art money to use it in paying prizes on live stock, or successful students in judging live stoc̣k and grains. ers' Short Course in Agriculture, known as the cultural colleges. The details at the differen of the premiums are to be arranged by the Dean he Professor of Animal Industry and the Professor Agriculture at the college located in the successful sta
W. E. SKINNER, General Manag. prizes are open to Canadian competition an ent athow writes : ./ Rosenbaum Bros. are a firm of commisnior merchants doing business at the Union Stock-ynr breeders and feedecive a very large business nothing from Canada, and while the country national in every respect regarding its own premiums we cannot insist upon its being international where the interests of special subscriptions are peculiar to any
certain district.,



## Wire Fences and Anchor Posts.

館e on the farms of older Canada, and wire is prach J. A. C. Howitt, of Guelph, who graduated from the work at Cornell University, has been appointed demonreceived an appoint ment in New. Wealand, to fintroduc ag agricuture into the schoois ofSale of Shorthorn Cattle at North Bay. North Bay, Ont., April 26 th , under the auspicas of Agricultural Society of the Township of Widdifield, aid en Agrituck Branch of the Dominion Depall offerings consisted of seventeen bulls and seves. The heifers. The animals were contributed by Messrs rell, of Greenwood; Smith, of Columbus; Miller Stoufville, and other Ontario breeders. The Superin tendent of the sale was Mr. John Bright, of Myrthe Port Perry auctioneer was Mr. George Jackson, until about a dozen head had been disposed of when most of the intending buyers were satisfied. The prices
up to this time ran from $\$ 60$ to $\$ 95$ per head, maining animals going at about $\$ 50$ per head. females were not eagerly sought, although they were good individuals of popular familles. These brought
an average price of $\$ 66$ per head. At the an a average price of $\$ 66$ per head. At the opening of
the sale, addresses on the value of the use of improver sires in stock-breeding, the history of the co-operative sale system in Canada, and the outtook in beef-cattle
raising were delivered by Messrs. raising were delivered by Messrs. J. B. Spencer, Acting
Live-stock Commissioner; C. M. McRae. of the Livestock Branch, Ottawa; Mr. Cohn McRae, of the Live
Browning, President of the Widdificld And A. Ericult. E,

Fair Dates for 1906


## Ontario Winter Fair, 1906

The next Ontario Provincial Winter Fair will be
held at Guelph, December 10th to 14th, 1906.
The following are sole
the last fair. ${ }^{\text {a }}$ are some interesting facts regarding
Number of entries
Cash prizes paid by cheque.......................87739.7.
Special cash prizes paid hy order


The practical lectures are most important features
different morning. afternoon and were delivered at the
These are figuress which will bee difficult to exceet
The we hope to make

## ass in the past has been due in a a large meld. As sucure to the nerous assistance given by the press, we trust this lucational movement will continue to recoive youl

Earnings on a P. E. Island Farm

Rev. Dr. C J. S. Bethune
guides for those contemplating the use of this class
fence.
sible, and for this reason, among others, we invit

farmers to give "The Farmer's Advocate" realler approved style.
Peressor of entomoiogy at O. A. C. known editor of the Canadian Entomologist, an
Librarian and Curator of the Entomological Society at the Ontario Agricultural Collesser of Entomology cessor of Prof. Agricultural College, Guelph, as suc.


Hut man mon


[^0] appoint of thent dates from June scientists ois the day ins
That Dr. Bethune's romovane 1st. it is not unlihn


THE FARMER'S ADVOCAIE.
FOUNDED 18:86


Mite, Alterature


That Old Schoolhouse
An ex-teacher, to whom the profession has been exceedingly uncongenial, remarked to us once, while such places she invariably turned her face in the opposite direction. Not sympathizing wholly with the motive of the little teacher's manifesto of dislike, we looked calmly at the offending object. It was one of the ordinary species, unadorned, oblong, end-to-the-road, looking not a little like a perforated packing-box with a peaked lid, or a decent dog-kennel
or a discarded Noah's Ark, or anything else one could imagine as especially bare, and uniform, and non-soul-inspiring. Moreover, it was set in the midst of a plot,
shrubless,
llowerless, its
vacant, spaces broken only by patches of thistles-as veritable a Sahara is one could imagine within the compass of a quarter, or a half, or three-
quarters of an acre. As the last glimpse fled behind us, and we drove on, the next moment, into a pleasant wood, we thought that, were it for
mesthetic reasons alone, the little teacher might be excused for turning her pink little face in some other direction. Were we ten years old, school, we should be tempted to "play hooky"' a dozen times a day, over the fence and off into the cool woos, where sight and soul, and might all find food and satisfaction. And then we pictured before us, in endless procession, all the other lit-
le Saharas, about as treeless and thistle-patched and flower-minus as this one, strung at intervals every three or four miles along our up for the teachers, and above all, for the chirdren doomed to spend years ( $f$ heir lives in just such unattractive ace of the green wood and sometimes with positive discomcort, even worse than inconvenience and ugliness of architecture, to puit
up with. ${ }^{\text {My }}$ schoolhouse ugly," remarked a teacher to us no long ago, " but I think I could stand that if it were warm. My eet just freeze all winter long-and Now, can it be that the lowest tender is at the bottom of all these difficulties?-that any kind of place er is considered good enough for the most important work of the landthe education of its rising men and women ? If education means any
thing at all, should it not be conceded that at least buildings warm enough and convenient enough t preclude any hampering of the work, either of teacher or pupils, shouls
he provided? And why is it necessary that schoolhouses in general an exterior? In the case of a mumg


The Rittenhouse Rural Public School, near Jordan Harbor, Ont.
surroundings help to make beautiful lated, and is supplied with every rise to beautiful beautiful minds give thing a teacher can need to forwary fined manners. Are these things, him in his work. The schoolroon then, of so small account ? In striking contrast with the again schoolhouse-which, we repeat again, we reproduce in no derision of Cobalt, but because the illustra-
tion happened to be handy and is tion happened to be handy, and is
exactly typical of a multitude of other schoolhouses scattered throughout Canada in districts where there
should be better-is the Should be better-is the reproduction
of the Rittenhouse rural school


Cobalt School.
ed Schools, is to be introduced in the early future. In addition to the schoolhouse, it se of the school, a ing, containing the caretaker's res dence, and a very fine hall for school concerts, lectures, etc., con-
taining opera chairs, a piano. good projection lantern. Now, since few sections can boast of a wealthy and liberal Mr. Ritten is it suggested, that all rural schor should, within any ordinary time attain to such perfection as tha which. attends the Rittenhouse insti
tution. The point is tution. The point is that ever:
rural section which finds it necessary to erect a new schoolhouse should see to it that he new building is at least a Inttle more comfortable, a little more convenient, a little mor
individual and agreeable to the architecturally, than the orthodox Noah's Ark type.
We well know the enthusiasm with
which the High School day regards his "Alma Mater." and though we older "heads "' may smile at his ", Rah-rah-rah, Sis: but commend his tovalty, we cannot alty which is equally likely to make him fight for the honor of old Alma is yery lit1le of this day. There loyalty in our public schools. Who Ark, or a packing-box over a Noah's very well, however box? One might rah-rah! Sis! Boom! Bah !,., Rahcry rung out with a right good
will from the pupils of a school such as the Rittenhouse institution. Let
us see more of the kind make it possible for the public-school hild of our rural districts to he as cumptiously proud, as rampantly was college student of his as ever or 'Varsity, and, if we mistake not we shall see that better work will and better, such schools themselves. men turned brighter men and woday is here. We can't call up new
school huld of a lamp," but we the " rubbing kin at the school-vards. and having lods, tree-planting and flag-flying,

An Editorial that Touches the Right Spot.

re shysi-

MAY 3, 1906
THE FARMER'S ADVOCATE. True, in connection with physiology, the dangers of tobacco and
intemperance are emphasized, but, as the Globe well says:

- What is the situation in Ontario
this moment? We are told, and at this moment? We are told, and
told with frequency and emphasis, told with frequency and emphasis,
by the educational leaders that the
political life of this Province is depolitical hite of this Province is de-
generate, its ideals low, its ethical standard not being found out.
Both political parties are charged Both political parties are charged
with those forms of corruption that involve bribery, perjury, and alt
kinds of political chicane, Election
trials are pointed to as illustratinis trials are pointed to as illustrating
the utterly demoralized condition of
the politics of this Province. ." The same is true in matters of ment the cardinal and most damn-
ing evil in Canadian life is not
drukenness, or any of the vulgar
and sensual immoralities of life, but dishonesty in personal character
working itself out in dishonesty in trade. From that root spring
plumbing
knaveries, adulterations in plumbing knaveries, adutcrations in
jellies and jams, fraudulemt apple-
packing, shodly goods, rake-offs, combine hold-ups, graft tolls, and
all forms of industrial and business dishonesty."
Again we repeat, so far as the pre vention of these less palpable, yet
equally heinous, offences is concerned equally heinous, offinces is concorned,
there seems to be little done. Here
and and there, possibly, may be a teach
er, so noble in character, so deeply conscious of the need ot the developing
man and woman, so conscientious in man and woman, so conscientious in development of these, that she will
think herself of expedients whereby to set constantly before her pupils a
high ideal, teaching them to scor meanness, and trickery, and step,-
ping on another man's neck to win personal gain, as poison of the soul where thoughtless, inexperienced boys and girls are in charge of schools,
how often is this higher ideal worke towards? Let a pupil lie or cheat,
he is, perhaps, promptly thrashed, and that is all there is to it.
The problem is truly a difficult one. To paraphrase such faults and in geography, would scarcely recom mend itself. Yet, one would think somehow. The conclusion of Pesta lozzi that knowledge is not all, that
" the thing was not that they should know what they did not know, but
that they should behave as they dit that they should behave as they did
not behave," is as ane in as in his; and now, too, as then.
a the road to right,
 purged from it, it is nen reasonably
pery to $g=$ a little further even than to poss
local option and anti-cigarette undoubtedly are as these mourments the town in which local option and
anti-cigarette principles obtain say, also, that in it no man could
be bribed for his Again, we repeat, the problem is a
difficult one, one for and for the press, and for our public men, but most of all for the home-
makers and the educationists. There
is being swallowed up, in the ever-
widening worlac It is laudable and legitimate $t$
make all the money one fairly an How is this problem to be solved ?
By resolutely and steadfastly ing plain in every possible way in
the home. in the school church, in the press. and in public
life. that character is a better thins
and in every weyy morn than the "Almighty Dollar." What
can our educationists do to emphe in conclusion, we quote arsain from the editorial reforred to again from
educationists anything to say touching this problem and how it may be
met? Are the school and university, with all their equipment of
laboratory and library, and with
reach the deepest ethical need of their approved methods for sharpen- or marred. What are their ethical
ing the wits and making dearpen-
fingers. dother their full tingers, doing their full share to se
cure legitimate exercise of these sharpencd wits and honest workmanCanada is just now at the parting of the ways. The enormous natur-
al resources of this country and the
new-founct nev-sources of this country and the
apparatus applitations of scientific
anspire apparatus conspire to national
greatness or to national col apse. according to the moral character of


Mr. F. M. Rittenhouse.
A native of Lincoln Co., Ont., now of
hicago, whose gifts of rural scho
and fruit experiment farm bespeak
his generosity and foresight.
To right life heing worked into the Warp and woof of our young citizen-
ship? ()r are our, young people leit to infer that silver mines, and pulpwood, and wheatfields, and rail-
ways, are the things that make a nation, and make it great? The educationists, from the public
school up to the university, stand school up to the university, stand
at the strategtic point, and by them at the strateg any other agency, the and be familiar with the postage


Lost or Strayed.
rates, many sending pictures and papers showing the produce sold in our markets and giving useful incountry. country. entertainment is varied by the
Ouring of patriotic songs, such as
 Pride of the Ocean," "The Maple Grows, etc. We have had many delightful letters in past years, the children seem-
ing to be highly gratified at being asked to describe their distant homes. All appear proud of claining a part in the great Empire to which we belong, and many express love and admiration for our king and Queen,
We address our letters " To the Principal of any English School,"
in whatever place to which we write, and enclose a note to him, asking that he give the enclosed letter to
one of his pupils who will be sure one of his pupils who
to answer in good time.
It is too late now for this plan to be taken up this year by any of our rural school children that ap-
prove of the idea, but there is still prove of tot replies from every capital city in Canada. A letier from each Province would be a good be in this way, a good opportunity of exchanging stamps and curios,
photographs, etc.
Don't you like photographs, etc.
Don't you like
our plan for Empire our plan for Empire Day ? Try it
and you will be charmed with it.
GIGLAMPS.

Tell the Old, Old Story.
"A Day of Good Tidings," is the cheering title of a little book, penned
amid the busy hours of business life by Mr. C. B. Keenleyside, B. A., B. D., who seized upon the familiar
story of the four leprous men at the stary of the four leprous men at the
gates of famished Samaria when beseiged by Benhadad, the Syrian king, to quicken again the faith and slumbering energies of the Christian
Church, in living and spreading the message of the Cross. To further vivify his message, he has called to
his aid the pencil of our friend Benhis aid the pencil of our friend gough on half a dozen pages, and,
when coupled with his own graphic and incisive way of saying things, the result is indeed telling. In pass-
ing, we note he pays a well-de ing, we note he pays a well-de-
served tribute to the undying missionary fervor and self-sacrifice of the Moravian Church, which sustains one foreign missionary for every 58
communicants in the home church, while the Protestant Churches of Canada support but one for every 2,500 communicants, who have infinitely posal than ever the Moravians had. Like the other half-dozen stirring booklets Mr. Keenleyside has written, this latest one is re-
plete with illustrations to sugarcoat his arsenal of facts. suga coat his arsenal of facts. W
Briggs, Toronto, is the publisher.

## Lost or Strayed.

Briton Riviere, through the several exhibitions in England and abroad, and through reproductions of his known to all lovers of art, figure painting, alone or in groupings, in In 1903 the ses, being his specialty. admiring crowd of visitors in front of what the catalogue of the Royal Portrait,", called a "Presentation ed, not on'y the faithfully portrayaine himself, hut "his lurcher, Si dar," the dog focussing our admiru-
tion. In "Lost or Strayed," the artist gives another study of doglife, in which he has caught the agony of despair and loneliness when
the poor doggie, confused by the ceaseless stream of vehicles, by the ceaseless stream of vehicles, and the
loss of all hope of finding either master or home, realizes that he is
lost, and to be lost in London whether you have two legs or four, means desolation indeed, for there is no loneliness like that of a crowd:

| THE FA |  |
| :---: | :---: |
| News of the Day． Camadian． <br> made provision for of Alberta has |  |
|  |  |
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| Mr．Andrew Carnegie has made aconditional donation of $\$ 50,000$ to Victoria College，Toronto． |  |
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| British and ForeignSerious strikes are afoot in France，and riots are feared． |  |
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| The Cliffe House，San Francisco，has only been badly damaged，notthrown into the sea，as was re ported． |  |
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|  |  |
| The Empress of China has sent$\$ 70,000$ for the relief of the suffer－ ing Chinese at San Francisco． |  |
|  |  |
| The towns of Santa Rosa and San |  |


 ．
had their attention directed
and were led to look upon ence in comets and the sun solution of the＂pale lumino
as Prof．Boyer calls it，of the and the age－continuing heat look to it as a benefactor in sur and medicine，and are making jud cial experiments along these As yet the price of radium is far be
yond that of rubies． pound of it，pure，is to－day single $\$ 60,000,000$ ．This tremendous vallue is due to the fact that tons and
tons of pitchblende are required the extraction of each pound the process is tedious and in and that，so far，the only source this pitchblende has been a certain
spot in Bohemia，from which are now forbidden by the Austrian

In this paragraph every tense
should have been in the present．To－ day，in 1906，radium is still as great a mystery as ever；astron－
omers and medical men are still as interested in it ；its value has not
lessened．

Neither，indeed，has its manufac
ure greatly increased
ture greatly increased．Radium i
too costly；its precise use is stil too indefinite to create a demand fo it in quantity．Yet its possibilitie are recognized as enormous，and
scientific men all over the world wrestling with its problems． Prof．Curie，the most interested the most capable of these，has gone
His wife will，probably，still carry on her experiments in Paris carry what the world has in lost paris，but the re
moval of her co－partner in this work

The Power of Personal Touch．


You see the work in the city is necessity of dealing with them individual－
ly．Men and women everywhere You see the work in the city is much
like the work in the country
we we are dealing with＂individuals，＂ here，as there，we must conside needs of this particular man or woman
the hungry growing soul girl．The rich man in the parabing soul of that boy
ghe Whe rich man in the parable wa
not punished because he did not minister to a great many people，but because
was indifferent was indifferent to the evident need But to return gate．
power of personal touch question of the few day sitting in a tenement－house with a worker
Jewish child curly head was pressed the pretly against her shoulder，and the confidity dimpled hand was lifted and laid tender． ly against my friend＇s cheek．Such a
pretty picture ！Even that mite of a
child underste express love better than any words of ＂．Teacher，＂which is not surprising，for
she seems personally int
$\qquad$
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$\qquad$ and frowns on selishness and wickedness
Cur Lord＇s definition of greatness is ac－
cepted by cepted by mankind to－day；even those
who do not how to His authoritative
$\qquad$

$\qquad$
$\qquad$ was struck by the way they practically 1 the buseen land beyond the grave－ally
ignored for that touch of the hand yesterday－1
am so thankful for you．It was good to
be beside you in those hours．＂ was struck by the way they practically
ignored Christianity－as far，at least，as place of personal touch．How often we find this mentioned in our Lord＇s life．ideal of service was spurring them on to touch of blessing on the heads of the
little children，perhaps the tender touch little children，perhaps the tender touch neighborhood，
$\qquad$
$\qquad$ suggestive as an example to us．That that is a good symptom．It proves
human heart，feeling in intensely the that the public ideal is hipher than it natural shrinking away of its follows
from all contact with such a horrible rom all contact with such a horrible
disease，must have leaped up in wonder－ that is a good symptom．It proves
that the public ideal is higher than it
used to be，and that rich people can no How I wish I Could talk about Christ t
them，but that is against the rules



## Church Workers <br> RAISE MONEY <br> for your society by selling these

BEAUTIFUL ALUMINUM SOUVENIRS.
Have a picture of your own pastor and church on a beautiful CARD TRAY or CALENDAR. This card tray has an elaborate and artistic floral design on the corners, and has a heavy roll rim. The PERPETUAL CALENDAR is just what the name implies. It is good for TEN YEARS, so makes a very serviceable souvenir. The photos are reproduced by a secret process of carbon photography, and you can have any picture you wish to send printed on the souvenirs. Fill out the following blank, and we will show you how easy they can be secured:

The Wm. Weld Co.. Lta... London, Can. Kind
send your plans for money-raising to the following address: Name.

Remarks


When Writing Advertisers Please Mention Advocate

MAY 3,1906
THE FARMER'S ADVOCATE.

## About the House.

Article IV.-Eggs.
 WE WANT TO
MEET YOU
aside to cool. Whip half a pint o
cream stiff and beat into the rhu cream stiff and beat into the rhu
barb, then put in a wet mould, and
set away until of the consistency of jelly,
Rhubarb Sauce.-Cut in half-inch pieces, leaving skin on. Put in a
pan and cover thickly with sugar adding no water. Cover tightly and
cook. Rhubarb and Rice.-Butter a pud-
ding dish and put some bits of butter on the bottom. Cover with a
layer of rhubarb, then a thick layer of sugar, then one of boiled rice, un Bake, and serve with cream and
sugar. Rhubarb and Cornstarch.-Stew to

0
 Superfluous Hair




 Send do entst for our handame tration




 Sold by met Doater as 8.50


sis womenis spina surs. 54. si




## much demand, it may be an oppor une timn nor discussing their food value Since the young chicken is vinit <br> |  |
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|  |  | <br> Children, and people who are inclined to be anammic. <br> There is an unaccountable prejudice in favor of brown eqgs. Which are generall suposed to be richer than white Chemical ano <br> white. Chemical analysis, however, does not warrant this illusion, the two invariably showing about the In cooking eggs, it should be re- membered that overcooking renders them comparatively indigestible. 1量 hours for digestion, whereas hardgrated, or chopuire three hours; if less. or finely, somewhat less. And just here, how many of you know how to boil an egg? " Why of course ," a c wa Nev Nevertheless, however well-establish- ed such a method may be, it is nec- essary to say that it is not the essary to say that it is not the right one, the brisk boiling tending to harden to harden the white into a firm, opaque mass, whereas it should, in order that its full food value may be gained, be of a soft, jelly-like consistency and semi-transparent. consistency and semi-transparent. An ideal way of boiling an egg is to set it in a dish on the back of the range (the very back, where it will range (the very back, where it will not simmer), cover with boiling water, put on a lid, and leave for water, put on a lid, and leave for ten minutes. As will be noted above, carbohy- drates are not mentioned in the com As will be noted above, carbohy drates are not mentioned in the com- position of the egg. Carbohydrates, it position of the egg. Carbohydrates, it will be remembered, are especially valuable in supplying energy (al though the proteids also perform this function), and, when called into requisition, spare the proteids to requisition, spare the proteids to their more especial work of building up tissue. Now, it will be judged that if we combine some substance rich in carbohydrates with eggs, we shall have a very complete food, con shalinave a very complete food, con- sisting of protedid, fat, minerals, water and carbohydrates; and this is is just what we do when we mix eggs withany of the cereals (rice, etc.) in making a pudding. Such etc. in making a pudang. as puddings are, in fact, about as valu- able a form of food as we can de- vise, and might well be seen more isequently mon

Some Seasonable Recipes,
Rhubarb Jam.-Six lbs. Rubarb,
5 Ihs. sugar, I Iemon.
Peel the
rhubarb and cut in pieces, put in a rhubarb and with the juice and grat-
granite pan wind
ed rind of a lemon and 5 lbs. sugar. Boil very slowly for about three-
quarters of an hour, stirring very
frequently,
Rhubarb Cream (A New Zealand Rhubarb Cream (A New Zealand
Reccipe-Stew rhularb with rlenty
of surar and very little water. When soft rut through a siowe, and put
back in saucepran with the grated
peel and juice of half a lemon and
a pulp, sweeten, and thicken with
cornstarch (four tablespoons to the
quart). Let cool in a mould, and qerve with cream and sugar.
Rhubarb and Tapioca.-Soak onehalf cup tapioca and cook for 20
minutes. Have rrubarb stewed, sweetened, and flavored with orange
peel. Pour the tapioca "ver the

## Some Meat Recipes.

 Meat Souffle.-Run(chicken or veal will do) the beef meat chopper. Make a cupful of
white sauce, season well, and add to the minced meat, keeping all hot yolks of two. Mix in the heaten in the beaten whites. Turn into a buttered dish and bake. a round steak $1 \frac{1}{2}$ or 2 inches thick. Take ${ }^{\text {a }}$ round out and cover with a stuffing miade
with breadcrumbs, as for fowl. Roll up and tie or fasten into shape with skewers. Put two tablespoons fat in a saucepan, and let heat until a
blue smoke rises, then brown the roll well. Next pour on a little boiling water, to cover the bottom depth. Cover closely and simmer very gently two hours or more, adding a little more water when necessary. Thicken the gravy with breamed Liver.- Cut the liver in saucepan. Add 2 cloves, a little
onion, sage, or whatever seasoning is liked. Let simmer half an hour ; pour off some of the water, if necessary, add a little cream, thicken
with flour, and serve on b,uttered oast.
Bacon.-Fry. Dip each piece into a batter made of 1 cup flour, 1 of milk, 1 well-beaten egg, and a little Creamed Sweetbreads.-Parbuil the
sweetbreads 15 or 20 minures then separate into small pieces. Smooth
2 tablespoonfuls melted butter 2 tablespoonfuls melted butter and
2 tablespoonfuls flour together, add a cupful milk or cream, senson, let hot. Tripe.-Wash, put in cold water and let. get hot; scrape and simmer put in saucepan with a pint of milk, onions and chop. Pour. Boil four
trilk of
tripe, thicken with 1 tablespoon flour, season, put back on tripe. Add

## Recipes.

 ozs. Five Roses flour, and mix imto
paste with 2 eggs. Old Maid Rread. -1 quart Five Roses
flour, 2 eggs, 2 tablespoons flour, 2 eggs, 2 tablespoons lard, 1 tea-
spoon salt, 1 teacup yeast, 1 cup milk.
Make einto a soft dough, resering, one-
third of the flour for the second rising. There are natures in which, if they love us. we are conscious of having a sort of
baptism and consecration. They hind us over to rectitude and purity hy their pure
belief about us, and our sins become the

## It Won't Cost

 You One Cent To have an Overcoat made to your ordor and est onanp
aporalil



 Wour gill make your oreater aly

| $\substack{\text { tection } \\ \text { and } \\ \text { tryin } \\ \text { ryin }}$ |
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Overcoats, $\$ 15, \$ 18, \$ 25$ Write to-bay for samples.
EOYAL custom tallors, Toronto, onts Daffodils.
${ }^{1}$ I wander'd lonely as a clond
,
When all at once I saw a crowd.
 Beise the theo. bonath the treise
Flutering and dancing in the breere Fiutcering and danemg in the bree Continuous as the stars that shino
And twinkle on the Milky Way. And twinkto on the Milky Wy Wy
They gtrecthod in neverending line Along the marrin ot 1 a bays Ten thousand saw I at a glance,
Tossing their heads in in prishty dacce. Tosing their heads in sprighty dance Tho waves beside them danced, but Outhid the sparkling waves in A poot could doot tut wo gas
In such A iocund company;
In auch a iocund companyt thougt
 For ott when on my couch $I$ tio In vacant or in penstive mood,
They fash upon that invard eye
And then my heart with pleasure alls. And dances with the daforoususur - Wordswort
Avoto beina a bore
The woman who would avoid becoming fore must remember that her persona frairs and petty domestic troubles aro
no no particular interest to anyone, exsept, perhaps, to spiteful neighbor,, to

Miserable Deception pradticed by Certaln Makers of Adulterated
and worthless Paekage Dyes. Notwithtanding the unanimous verdict
 nimal (wool and silk) sibres and vere table (optoo and linen) fibrese with the same eve we And speculators who are
ioalus of the world-wide suceess of the Jalous of the worldwide sucess of the
DIAMNXD DYES, putting up, and ofer ins for sele worthless package oderes Which they reiresent will color any map-
terial with one dye.
This cruel d docop-: tion has caused serious losses to many e The DIA MoND DYEs, the world ${ }^{\text {g great }}$ Eaters, give to tho ladies special dyee Cotton and linen and and mileced goods
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 Rend your name nad add reses to Wells \&os




## Farm Lands

## SASKATCHEWAN

We have a number of well-improved farm lands ng from \$17.00 $\$ 35.00 \mathrm{per}$ sero.
We have the exclusive agency of over 40,000 Davidson, Goose Lake Eagle Lake and South Battleford district. Some splendid bargains in city property.
Balfour Broadfoot Land Co,
REGINA, SASK

## Grow

Seed Peasdittle risk nowoood proritBeen reading about peas in Guelph College Bulletin and Provincia Crop Records? They say the pea-weevil is gone for seven years. Queer king about pea-weevi. he comes for seven years and vanishes for seven. This is his first grow seed peas.
grow seed peas.
Report of Department of Agricul ture shows average crop is twenty bushels of seed peas to the acre. Some Canadians raise three crops a year. Price ranges from 75 c . to 85 c . a bushel.
Lasy crop to grow . . . market never glutted ... profit sure. Why don't

## STAMMERERS

The Arnott Method rosical meth for the cure of Stan mering. It treats the CAUSE not merely the HABIT, and insure natural speech. Pamphlet, partic ular's and references sent on request

THE ARNOTT INSTITUTE BERLIN, ONT., CAN.



Show Shatland Stallion, "Haldor "

 Shetlands; highest pedijiree. Prís
LADIES' HOPE,
r. Sevenoaks WEDDING $\begin{gathered}\text { stataionery, } \\ \text { are interested inn liadies whi } \\ \text { what is prope }\end{gathered}$
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## GLENGARRY SCHOOL DAYS.

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




QUESTIONS AND ANSWIERS 19t-Questions asked by bona -fte subscribers
to the Qearmer's
this department fres. Ind. Guestions should be clearly stated and
plainly written, on one side of the paper ant plainly written, on one side of the paper only,
and must ece accopanied
and address of the writer.
ony the full name
 other wise satisfactory repplise cannoty se stated
teth. - When a reply by mail is requiren to urgent veterinary or legal enquiries, 81 mus
be enclosed.

Miscellaneous.
RAPE WITH SPRING GRAIN - PROPOR

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WORMEATEN POTATOES.
vendor removing fixtures.


Condensed advertisements will be inserted
under hhis heading tit two centid oer word eboh
insertion. Each initial counts for one word, and
 counted. Cash must alwas acoooppany the
order for any dvertisement under this heading
orart or
 advertising oolumns.
for less than 30 cents.

Af nings at Guelph- First, puilet, specia Detroit. First nullet, second cockerel, seicond
cookk and special for best shaped male. Mating
list free on aplication. list free on application. Eggs from s8 per set
ting up. Jno. Pringle, Proprietor, London, Ont
 White Wyandote eggs. one dollar per setting,
Heimbeckers Poultry Yards, Hanover.

B $\begin{aligned} & \text { ARRED Rocks. Eggs from choice exhibition } \\ & \text { matings. Grand imported cookerel head }\end{aligned}$ ing every pen. Write for full Darticulares befor
buying elsewhere. $W$ W. Dods, Alton, Ont.
$\mathrm{B}^{\text {UFF Orningtons-Eight breeding pens }: \text { low }}$ eest used, 9 years breeding; high-class exhib
 ings and priceso of matings. Write ato once. J.
W. Clark, President Orpington Club, Cainsville

B UFF and White Plymouth Rock and White


 Campbell, Snelgrove, Ont.

$\mathrm{C}^{\text {Ont. }}$ Hoice Barred Plymouth Rock eggs from


 an imported oockerel (Shaw strain), $\$ 2$ per 15 .
A. Might, Derry West. Ont.

 quaranteo every, egs a chick. J J B. Cowieson,
Queansville.
 White S . L. and Partridge Wyandottes. alas
uft orvington-at $\$ 1$ per 13 eggs. Imperial
 E PTRA chooice pure Barred Rock e obs for sale. S. Werden; Aneedia Farm, Bethel, Ont.
 Hellyer, ottawa South. Ont. White Rocks, White Wyandoties; Black Hoodans; Siliver-bpangled Hamburgs. Lettings
H1. R. Laurie. Wolverton.

 ack Javas and Buff Orpingtons. Black Orping
.W. Krouse, Guelph.
 ox 20, C A. Thompson. New Washington, ohio
M AMOTH White turkeys and Pea fowl,
Eggs, thirty conts each. H . C. Grahm.
 hhavy winter lieyers. Large brown eggs. Good
hatch Euaranteed Fifteeo evgs one dollar halt.
Jno
Jno. Luscombe, Merton. Ont. th Dustonn. Hawkins Barred Rocks matind ycers; 81 per $15 ; 85$ per 108 : fertility tested
allanan Bros., Haysville. Ont.

TRY Valley Mills' Poultry Farm for 90"* fertile





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 223 Eas par han- 1 , prod for outs ind


 MEN WANTED io adtoritiod
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ATTEITION! POULTRYMEN.
The oboiesed prizewinning birad tom

james houlton, great malvern, england Candian, CALGARY
Single - comb Brown Leghorn Eggs,

 Maple Thamesville Sta. a P.O Farm.
 Noll


 A Libirn thand for aile Many good bor










 For sale






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 Ro. What
poisonnius
${ }^{2}{ }^{19}$ it beter to teed a cow's chop
 waily diosolve of lead till no moro win well into the anfectod skion, mand roneal days. The tithing is at at onco or reliever and or of the eruption cheocked oisonous in tataken invarardution is vely


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## OUESTIONS AND ANSWERS.

 Miscelleneous.
## pias coughing.

I have a bunch of pigs that do
siderable emount of coughing.
stable stable is not extra warm, and has a ce-
ment floor. What could be done for pigs to cure the cough ?
Ans.-Keep them well bedded, and clean the pen every day. II possible let them
run outside now that the run outside now that the weather is fit.
if they could be kept outside alto If they could be kept outside altogether,
and provided with a warm sleeping place, it would be well.
cURMre PORK-HEAVES.

1. Would you kindly give me a recipe
for curing hams and shoulders for summer meat, so they would not be sum-
salty or hard? 2. Valuable horse has been What will cure him?
Ans.-1. As there is plenty of time before next pork-curing season, we leave
this question open, with an invitation this question open, with an invitation to
readers to contribute their experience. 2. He cannot be cured, but the trouble
can be mitigated by being careful to limit his may allowance. Avang careful over-
loading the stomach with bulky feeds. Sprinkle all hay with lime water a short
time before feeding to lay the dust. It is said that horses with heaves, sent to
the Northwest, seem to get the Nort
affection.

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|  |  | seasons after planting, and good cultiva-

tion should be given throughout ihe scason to keep down weets and encourate
vigorous growth. At the end of the
vent season, after the tops died down, they
should be cut and burned. It is well to make a liberal application of barnyard
manure every year or two to keep up the apply this is after the las time, the early in the summer. At this the soril, which stimulates a vigorous growth of top, and the storing up of tion of large sprouts next spring. The
plan so frequent, y adopted of applying a healy dressing of manure in
objectionable, as it tend growth of plants in the spring
makes the crop unnecossily makes the crop unnecessarily late. The
plants are perfectly hurdy and no protection of this kind.
Salt is not at all necessary as a fer. tilizer for asparagus; in fuct, it contains
very little of fertilizing material. From very little of fertilizing material. From
the fact, however, that the plants grow naturally along the sea shore, they will ctand more salt than most other kinds if vegetation without injury. Probably
the chief value of salt in an asparagus the chief value of salt in an asparagus
Mlantation is that it will kill out many
inds of weeds and other vegetution

THE $\rightarrow$ TRMER'S ADVOCATE
pant for bricimorr Please enblish in "The Farmer's Ad-
vocate " a cheap brickwork. Cheap and durable paint for
ENQUIRER. woodwork, is most commonly in use. The oil should be of good quality. The color will depend upon your own taste. Be
particular that the wall is perfectly dry when applying the paint.
share for harvesting hay crop.
What share is wavally given in taking crop to do all the work? Ans.-It must depend upon the stand and character of the growth, price of
hay, etc. $O$ on an tons per acre, 25 per cent. should be a
fair recompense fair recompense for harvesting. In all
such cases, calculations should he re such cases, calculations should te re-
duced to a basis of cash value for labor, etc., and each problem calculated accord-

What Rape culture.

for
 crop may usually be pastured in from 6
to 8 weeks from the time it is sown to 8 weeks from the time it is sown,
though it may not have attained its full 2. We have never made a practice of sowing anything with rape, and I doubt
whether much will be gained by doing so Rape is such a leafy plant that it is likely to crowd out other plants that 3. For pirs, I would prefer to sow the
rape somewhat thickly, as pigs do not rape somewhat thickly, as pigs do not
care for coarse stncks. About three
pounds per acre would be quite sufficient. 4. Rape usually hns its highest feeding Value about the time the tips of the
leaves berin to turn purple leaves berin to turn purple. If re
quired earlier than this, however, the stock can be turned upon it sooner. In
nasturing rape with pigs, I think it is preferahle to use hurdles, and give them
a comparatively small piece at a time so a
that they do not waste so much by
tramuing tramping. In this way, a person can start pasturing when the rape is com-
paratively small, and the growth of the
cron outcide the hurdlos ic Pred with.
Ontario agricultural College. Fi, D
Ratsing alsike clover seed Ratsing alsike clover seed.
Thave a number of acres of alsike
clover that + intand clover that I intend saving for seen this
season. I pastured the same un to late last fall, hut it is coming out nicely this
spring again. 1. Would you advise pasturiner acrain
this soring ? ter sample of serd s. shot timothy and foul sends? C. Le. pasture it for a time, especially on soni's
and in seasons when an overerowth is are thus directed from the over-
rorouction of stems and lonves to the
production
 2. From what is staterl ntiove. In

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$\qquad$ hess yielded mo semed. those nearar the 3. It is doubtful. The hest way th
noviate that difficulty would te to runn
the mower high over the firlly if it is found

Ans.- The matter is one which is
and regulated by municipal by-law,
and should, accordingly, see the
Canada that gives a vetere or schory in course hy mail ? If so, kive name, Con a person
be granted a diploma by such an insti

## Canadian as a general-purpose horse ?

$\qquad$ Ans.-1. Write Canadian Correspond
ence College, Toronto, Ont,. Whose ad
vertisement you will find on pame vertisement you will find on page 6.52
April 19 th issue of . The Farmer's status, and you would be lialle te th
prosecution for sotting up as a vetat
narian. If you sum fession, the proper way is to tat take the
regular course at an institution like the
Onturin

thin in flesh, eats well, has a great sire fur drink, hair looks dry, is con-
stantly rubbing herself. Have been feediug cut cornstalks, hay and chopped out Ans.-Would advise you to have her
tested for tuberculosis. If she does not

## EVERSION OF THE UTERUS

valuable Holstein cow, three yeurs
diropped her second calf ten days

 fairly well now, but is giving some 14 lus. of milk per day less than she did
with firct calf with first call. Do you think she can be
brought up to her former flow of milk? She is increasing only very slowly
Would it be advisable to breed her acnit and is she more liable to have a re mation as to how liest to treat her will Ans.-Wiout colerated. Ans. - Would consider your cow doing
very well in the length of time. Feed grod, nourishing food, and have
patience. You should be satisficd if she came up to usual milk flow in six weeks. She would bo mure liable to a recur-
rence, although numbers of such cows are, bred again and no trouble ex perienced, but unless she is a very valu-
able cow, would not recommend lireeding her again. She should not be bred
again for say three months, in order to recover health and strength.

## many dead foals

 cierk of the municipality about it. are so many dead foals this season, as and have fhem arbitrate, and make an regularly fed on mixed hay and rolled
 VETERINARY DIPLOMAS- THE FRENCH-
CANADIAN
HORSE.
 a verterinary course, but to include might, again. Do not consider your case due
write them, askine. Diplomas might he to any particular wrome. It is just oue
issued, but would pive you no the lisks that ull
haics in the long French wat 2. The principal thing is $\begin{aligned} & \text { kirk. The one said were the other:. Was } \\ & \text { it no a wonderful thing that the Breser }\end{aligned}$ at all. The French-Canadian horse "if ye ken the Breatish aye say thair urayers

More Beet Acreage Offered Berlin Than the Factory Can Accept
inis heet acreage is

sowing in
The Ontario Sugar Company, Limited


THE FARMER'S ADVOCATE.

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$\boldsymbol{A}_{\text {MERICAN FENCE }}$ than standard of the world. More miles of it are in use
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It is made of steel that is exactly fitted for it. A woven-wire fence can
It must be exactly right to render good
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AS THEY APPEAR WHEN MOUNTED,

Hen
MIDE
so-1noh Bolster will adjust to 38,39 and
$0=5$
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Sit On It, You Can't
is what gives Dillon's Fence its
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We foil obenper than an other imp
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CLYDESDALES and HACKNEYS
Our Clydes now on hand are all prizewingers, their breeding is piltt
edted our Hackness. both stallioing and mares. are en exeeedingly high-
Class iot. We also have a few high-steppers and carriage borses. class lot. We also have a few high-steppers and carriage hor
Yonge Street cars pass the door every tour. T Phone North 4483.
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 aid -

 fais, eend for deicriptive cirroultra, tostimo

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 Anetion Seles of
 Ebeotal Sales of Thorouchbred stook rondiueto
$\qquad$
This in the beate market in Cankid for allthel NEW IMPORTATYOI I have landed one of the bett CLYDESDALES, SHIRE hackmer simllons, malos and allios over lende
in Amerioce. They aro got bo

 bred in Soretland th alitioe
 ducald ro Clydesdales, etc.
 amo
 shomthown
ling heifers.
RICHARD CIBSON, Delaware, Ont. CLYDESDALES



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Shires, Clydes, Percherons, Hackneys and Spanish Jacks.

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\begin{aligned}
& \text { Have yet on hand two Percherons, two } \\
& \text { Clydesdales, one Shire and two } 3 \text {-year-old } \\
& \text { Hackneys, which I will sell at a bargain } \\
& \text { before the season opens, to make room for } \\
& \text { my next shipment. }
\end{aligned}
$$

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\begin{aligned}
& \text { Stables at Weston, Ont. Telephone } \\
& \text { connection. }
\end{aligned}
$$

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## QUESTIONS AND ANSWERS

cment
CEmENT FENCE POSTS.

grass in gravel driveway Am troulloed with grass growing
gravel driveway. What can ! do to k
it?


HACKNEYS and CLYDESDALES


 $\underset{\substack{\text { Inthian } \\ \text { Inteo ction }}}{\text { vited }}$
$\frac{\text { T. H. HASSARD, mittomook, Ont. }}{\text { y }}$ ABSORBINE
Removes the Infammation ana
Bnch Restores the Circulation in any Bruise or Thickened Tissue,
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ing 2 years old. These are a ane stallion, com Amorich are wingers at some of the best fairs in
Aeiferc, and two young Shorthorn cows and c. ross, Prope 9 ta 14 months.
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At reasonable prices. Come and seallion for sale.
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238



Sale: Imp. German Coach Stallion Kalser Wllheelm, prizewinner and sure stock
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bcription, etce.. writt ABERDEEN ANGCUS CATTL Wyinp. inll Will sell miles of all 日ge WALTER HALL, Washington, Ontario. Aberdeen-Angus bull for sale. Black Diat

A. G. SPAFFORD. Compton, Que, Angus Cattle for Sale Our present offer j. W. Wuyry reen
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QUESTIONS AND ANSWERS.




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15,000 acres of land for sale on the cron payment plan. Beautiful undulating prairie. Soil that yields a crop of WHEAT averaging THIRTY bushels per acre. Abundance of good water. Within one to eight miles from good towns, on the Pheasant Hills branch of the C. P. R., also near route of the Grand Trunk Pacific branch, now being built between Portage la Praire and Edmonton. Within the next five years this land will be wortil
om $\$ 20$ to $\$ 25$ per acre.
Di gon the con aford to lose this chance of procuring a first-class farm on such easy terms?

I agree to furnish you with a farm at $\$ 12$ per acre, and you pay for it by delivering half the crop grown each year
WRITE for my lists, also ask for LIST of lands for sale on EASY cash terms. No opportunity like the present for buying Farms. WRITE me
o-day, and I will give you full particulars. Address
A. B. COOK, Regina, Sask., Canada.




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Clover Lea Stock Farm SHORTHORNS
For Sale a One dark roan bull, got by
Nonpareil Archar (imp.), out of a Duchess Nonpareil Archer (imp.)., out of a Duchess
cow; also ono show heifer. Prices reasonable. R. H. REID,

Hillluvisi Shoritions

## 


دAE. A. соohrame. comptom, f.e Shorthorns and Berkshires

 Meadowivile, Stations: Streetsville and Meadowvale, C.P.B amonaE D. FLETOMER, Broder or And Leoton Ehothorn cattlo


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JOHN MILLER, Brougham, Ont. Sherthorn Catilo and Lincoln Sheop

Shorthorn bulls, cows and heifers for sale at greatly reduced prices
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Have you 125 loads of manure, or more, to spread? Are you going to plant 25 or more acres
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UNITED STATES CREAM SEPARATOR
Can skim a heavier cream than any other and do it without elogging. The U. S. has the record of skimming a cream testing 65 per cent. And rem

Write for copy of our fine, new, 1906 separator cato the U. S. can skim the tirst grade cream ; how it made the Worlds Record
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HerdBulls: Ime. Prime Favorite $=\mathbf{4} 5214=$ Imp. Scottish Pride $\quad=36106=$, a Marr Roan Lady. 2 Imported bulls.
15
10 young
15 young bulls.
10 imported ocws with heifer calves at foot and
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20 bred again.
Vine and two-year-old heifers.
W. G. PETTIT \& SONS, Freeman, Ont. Burlington Jet. Sta. Long-distance telo-

## SHORTHORNS



R. A. \& J. A. WATT,

Salem Post and Telegraph Office. Elora Stn.
3 miles north of Guelph, on the G. T. R. \& C P P SCOTCH-TOPPED SHORTHORNS. Three young bulls, from nine to thirteen
miontrs
Bcottish old: allos several young heifers by
H. GOLDINO \& Bows. mat Stations. Thamesford. C.P.R.: Ingersoll. G.T.B Sunnyside Stock Farm-8 superior young for sale. Aoll from imp. buls, four from imp
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One imported aged bull, grandly bred and a
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Four good big young bulls, from imported sires Thad dams, the kind we, ell want. wortod siren
 Shok for catalogue of straisht scotoh Will import Show and BreodlliE Sheep
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Scotch Shorthorns. The Sunny Slope herd comprises Cruickshank
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hooks. Rruce Aunusta




QUESTIONS AND ANSWERS Miscellaneous.


USED MEN AT THE OFFICE UP WOMEN IN THE HOME CHILDREN AT SCHOOL
AND Evory desy it tho vook and TIRED women mond dhididron fool an toom up and tired out OUT Tho trinin of buineen the arreo of home and pooial lito
 ing froa haort and noero troublean The "high prearure" mode of lifitit thit ane
 coun wort tho norven and volken tho hoerz Thoomende find Ulifo burden and otbery ne arly grave. The atrain on tho vytion





## Milburn's

 Heart and Nerve Pills Hmata end dobiititeved onditity of the haorto of tho norvo ontitea, Mirn Thoat


 Sieghorn hand frieonde




## ARTHUR JOHHSTON

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Offers for sale, at moderate prices,

## 12 "matian BULLS

All sired by imported bulls, and most of them from imported dams. Also imported and home-bred oows and

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HIDES, WOOL, ETC.
Consignments solifitied.
Write and get our orices
E. T. CARTER \& CO., TORONTO.

For Sale: Two Young
Shorthorn Bulls
Also Cows and Helfers, and one good Imp York. Sow, also a good Yorkrehire Boal.
one year old. Good breeding and good animals. DAVID MILNE, ETHEL, ONT

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On which side ruptured?
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## DISPERSION SALE BY AUCTION

 SHORTHORNS

WEDNESDAY, MAY 16th, 1906

GUY BELL, Brampton, Ont.


## SCOTCH SHORTHORNS <br> 99 heifers, yearlings 27 bulls, calves

 All out of imported sires and dams.Prices easy
JOHN CLANCY,
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H. CARGILL \& SON, Cargill, Ont.

## MAPLE SHADE SHORTHORNS and SHROPSHIRE SHEEP <br> We have now for sale one (imp) bull 15 months; also a Good roan junior yearling show bull

JOHN DRYDEN \& SON Brooklin, Ont.



While scraping my trees, I came across
several black worms about $\%$ inch long,
also one green worm about the same


SCOTCH Shorthorns

A fine lot of imported cows with
calves at foot, from first-class campe. sires. Also a fine lot of one and two year old heifers
Three high-class young bulls of Three high-class young bulls of
the best quality and breeding at eas sy prices. Am taking orders for any breed of cattle,
sheep or swine to be imported sheep or swine to be imported in time for the
coming season
H. J. DAVIS, rter and breeder of shorthorns
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$\qquad$


 T. E. ROBSON, IIdenton, Ont. EIM GROVE SHORTHORIS

 W. G. SANDERS \& SON 12 Shorthorm Bulls rate scotch brea, for sale at mod J. \& W. RUSSELL, Richmond Hill, Ont Yonge St. trolley car from Union Station.
Toronto, passes the farm. chas. RANKIN, Wyebridge, Ont. SHORTHORN CATVIL.E and OXFORD DOWN SHEEP Herd headed by Pride of Scotland (imp.).
EOR SALEE-Females and bulls, of ell age SHORTHORNS \& CLYDESDALES FOR SALE



Queenston Heights

## SHORTHORNS

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HUDSON USHER. Queenston. Ont.
Shorthorns and Berkshires

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In sections (640 acres), hall-sections and quarter-sections, in the best part of terms, Write for prices and description. FETHERSTONHAUGH \& TOBIN,

Pine Grove Stook Famm Breeders of
Hish-olate Eepth shorthorns. Ohoice Shropshire Sheep, Clydesdale and Hack Herd oatalogue on application. Adaress: JHires simitic, Supt., Rookland, Ont
W. C. Kdwarde \& Co., Limited Props. om SHORTHORN BULLS

## and HEIFERS

Sired by the Scoteh bull, Soottish Lad 4500 i S. DYMENT, Barple, Ontario
 SHORTHORNS
16 helfors under tive yearn. All of the ohoicest breeding and prationly ail
of show-yard quality
tho JOHN DOUGLAA,
Manager. JOHN GARDHOUSE \& SONs, Highfiold P.O., Ont. Sootch and Scoteh-roopeders Shorthorns, Lincoln an


sPRING VALLEY SHORTMORNE
 with calver at foot or saffe in calf. Also a good
six-month-old ubll calf. Inpeootion and oorre
gpondenoe invited.
Ayr, C.P R.; Paris, G.T.R.


 willow Bank Stock Farm | Establiahed 1 som Shorthorn Gattlo, Leicester Sheep.
 Mr. A. W. Smith, Maple Lodge, Ont
writes: ", The imported bull 1 orfer fo
sale in my advertisement is a fine larg fellow-smooth and straight and splendid-
ly-feshed. .He is gentle, and all right in
every way."

SHORTHORNS
 of females of the leading Beotch familios; can
opara a fow young oows bred to imp. Old LanEEO. Amos \& SON, Moliat Stn. and P.O., C.P.R.

## SHORTHORNS

 CLYDESDALES
Just now: One pair of matched geldings 5 and 6 years old ; show team.
JAS. MoARTHUR, Goble's, Ont. Brown Lee Shorthorns ${ }_{3}{ }^{-1}$ Prosent ofiering is ot 15 months old, , nien estraight, Eood-doing ar. Bes. dausiond. Prioes very reasonablo.

DOUGLAS BROWN. AH P.O, and Station. BARREN CO W Cow Cow cure
 Pine Ridge Jerseys-Present offering: Some Pine Ridge Jerseys good young oows and also some good Cotswold sheep (registered). HIGHGROVE JERSEY HERD.
 quality, will be sold reasonaie.
ROBT. TUFTS \& SON, Tweed P.O. \& Sta. Tramptoin Jersey Herl- We have now for im-

 An extranice Jepsey Bull, fit for fer ser-
 L. y in al e Holsteins.


 Glanwood Stock Farm-Holeftaine an



GOSSIP.
Mr. N. S. Robertson, Arnprior, Ont.,
breeder of Shorthorns, writes : " I am al breeder of Shorthorns, writes: "I am a
sold out of bulls, except a very nice white one, four months old, out of one of my best cows. My crop of calves, coming in April, May and Jund, will a
be sired by Scotisish Beau (Imp.)."
-
Maple Grove Stock Farm lies Addington County, Ont, a short dis-
tanoe from Enterprise station, on the Bay of Quinte Railway, running nort
from Napanee. It is the property of Mr from Napanee. It is the property of Mr
C. D. Wager, one of Addington's most enterprising farmers, whose splendid herd
of Shorthorns now of Shorthorns now numbers 35 head,
several of which are imported several of which are imported among
the latter bing Belladonna 2nd (imp.)
by by Baron of Baley, dam by Sittyton Yet Airy Duchess 3rd (imp.), by Pride
All, dam by Airy Monarch (she All, dam by Airy Monarch (she is
Broadhooks) : Silver Belle (imp) Broachooks),
Caledon Chief, a champion (she is
Vien (imp.), Caledon Chief, a champion (she io a
Vitlage Maid) ; Winifred 3rd (imp.), by
Spicy King ; Byres Orange Biossom Spicy
(imp.),
King ; By Archer, is an Orange Blossom; and RoArcher, is an Orange blossom, and
bina 2ni (imp.), by Lovat's Champion.
These compose the imported females of These compose the imported females
the herd, and are as nice a bunch a the herd, and are as nice a bunch
thick-fieshed, up-to-date type cattle thick-teeshed, up-to-date type catthe as
can be found together in this country-
all extra good individuals, and all breeders. The Canadian-bred ones represent
the Meadowflower. Jilt and Lady Eden the Meadowflower, Jit and Lady Eden
families. The younger ones, by the stock
bull, are a splendid lot, and refeect great credit on their enterprising owner. The
stock bull stock bull to Sord Banf's Conquero
bred by W. D. Flatt, stred by the $\$ 5,100$ bun, Lord Banff (imp.), dam Daisy Lee
$=33090=$, by Ivanhoe $=12044=$ He is an exceptionally well-put-up bull, mellow,
and a wonderfully good sire, as his ge and a wonderfully good sire, as his get
are a grand lot of thick, even; good
doers. In the herd are a number of doers. In the herd are namber of
young things, and anything is for sale

HAYNE BARTON SHORTHORNS AND Hayne Barton Stock Farm, property of
Mr. James Snel, whith 1ies fin Euron County, Ont., 5 miles north of the town
of Clinton, on the G. T. R., is the h:mene of a carefully-selected herd of Mina, Lady Jane and Rose of Sharon Shifthorns,
and one of Ontario's choicest Gooks of and one of Ontario's choicest nocks the the of the
Letcester sheep. At the head Lefcester sheep. At the hear of the
Shorthorn herd. is the mative bull, Imp.
Scottish Peer, by King of Hearts, dam Scottish Peer, by King of Hearts, dan
Martha 9th, by Ruthr. Hie is one of the very thick, low-down sort, carrying
wealth of flesh very evenly distributed weal his get proves him to be a sire a very high order. His predecessor, an the sire of a number of the younger fe
males, was Star of Morning $=81879=$, by Riverside Stamp $=23589=$, dam Roan Lady, by Barmpton Hero. He belonged to the English Lady family, and was a
prizewinner of considerable note. Among the females, a particularly ntec one ${ }^{2}$
Queen of Clinton 3rd, by star of Morning, a big, thick, cow, and a very heavy
milker. She is the dam of an extra nic milker. She is the dam of an extran nice
eleven-months-old red bull calf, by the
stock bull, that gives promise of some. thing extra. Another splendid cow Primrose Pearl, also by Star of Morning,
She is now suckling an extra fine six She is now suckling an extra fine six-
months-old bull calf, by the stock bull,
that should make a winner. Besides that should make a winner. Besides
these, in young sturf for sale, are five splendid heifers, by the present stock bull Jane dams. The large flock Leicesters are in fine shape, and the
heavy crop of lambs, many of theit showing wonderful, growth, are likely
candidates for honors at the fall shows Mr. Snell is now fitting up a dozen very choice ewes for a customer on the othe
side of the line for fall exhibition purposes. Still on hapd, for sale, are
few yerrling ewes and three yearling rams. Mr Snell reports trade in Short
horns and Leicesters ns exceedingly hriet horns and Leicesters is exceedingly brisk,
and the demand continually on the iu
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$ ly even, and stands on a perfect set o
legs. Write Mr. Snell, to Clinton P. $\begin{aligned} & \text { P. } \\ & \text { مnt. }\end{aligned}$.

## DOES YOUR HEAD

Heel As Though it Tias Betng Hammered?
As Though It Wontt Crid Ojem As Though a Wmilon'Sparlds Wers Myling Out of Your IJea? Horible siclinests of Your Stomachi Then You Five stci Hentechel


BLOOD BITTER8


 are mex mind $=$

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 HOLSTEINS Ein



 h. …atonal, Onampton, ome. WOODBRIE HOLSTALTE



FAW HOLSTEIN BULES
Mr bor wide tor koo draitho
winn
a. w. OLEmons. at aoorte. ont MapLe grove holstein-friesinws


WALSUR RIVERS, Foldanen 0annMaple Glen Holsteins-At proest wo cor


 Grove Hill Holsteins - Hard oontwint 55 hiend,

 IIIPERIAL STOCK FARM HOLSTEINE
 "GLemarohy " hofsinimi

 A. Holetioles, Temwerthi, Onforde Doreot At proeontwe havo 1 youn sunt I Ooford ram



 HOLSTEINS AND YORKSHIRTM


AAM1 cossip
 have orit zood this fial and winter． or moctry pricest i have let a
 Tanlaty deallion that I will woll at a

 kood yomat aportarmy buit has beon parill yike tha thros montheold camp． ropa youngster of Guelph is the oldest call I have；sire by scot－ tinh Hero（imp，and is out of Claret Mride，one of the plums of my derd have sold the nine－monthidgeold，Ont，heifer， Duchess of Suny Slope 2nd，heifer，
 Dueless of Waterioo 2nd，the beat milk－ er 1 over owned．I Intended to keen this likedtur so well that I mat．Ohriotian part with her．＂
poz
pas

CUAWTHORNE SHORTHORNS Thirty yeare ego．＂Irr Wm．Granger， the sentior member，of the Airm of Wm Grafier of Son，ciondesboro，Opt． oquipped stock farm，Hawthorne，laid the noted Shorthorn hherds in Ontapitio by the Prould Duke $=991=$ dat Fair Maid o racing to Prinoes Chief $=701=$ she rand cove of the diual－purpose $=419=$ ， ord acubtrul if in Ontario a bette Whil of dairy Shorthorns cen be found， With a butter recond of 17 lhs ．in？ butter record of 16 lbs ．in 7 days，and eo Bre the by Beau Ideal 22554 thonice a can be been in any horma Breesher carrying immense udder，and being a very heavy milker．Out of her is a both by Prince Misty and bull， buclaing an extra nice bull caif， Aberdeep Hero．Few men in the busi－ lection of a stock bull than Mr．Granmer and when he found what suited him，he secured him regardless of cost．All the One，two and three－year－olds in the herd Prince Misty $=37864=$, by Missie bull
Prin： Rosquet（imp．），dam Mistletoe 21st，
Nonpareil Vin Nonpareil Victor，a bull that left an in
delible staMp of superiority on the her The present stock bull，Aberdeen her （imp．），is by Reveller，dam Madge，by Queen＇s Guard He is a Matilda－bre bulf，has been shown 21 times，and wo
21 frot prizes，which is all that nead said of his individuality，while as stock gietter，he stands in the very fron rearlings，alt the get of Prince Misty and out of deep－bodied，thick－fleshed an very heavy－milking dams；also there ar
twoyeye－old bulls，bred the same，kavin little，to be desired in their make－up，an very desirable as herd headers，and especially of dual－purpose herds． $\mathrm{Mr}_{\text {r }}$ Graniger is daily receiving enquiries for
and hipping one to Strathroy and anothe to Manvilie，Alberta．Parties wanting selection．Besides thes making their several one and two－year－old heifers，a a nice，thick，straight－lined lot，all the＇got
of Prince in calf to the present stock bull－heifers bred trom heavy－milking dams，and them－
selves showing conformation that will most，spertainly develop into heavy－pro－ years this herd hias during all these topped，they，stiil ，retain ，their dairy con－
formation，couppled with thick，broad level bands，coupled with thick，broad，
carrassers，which frames $1,500-$ to $1,800-1 \mathrm{~b}$ ，


Burnside Ayrshires Importod and Canadian－bred．Prisewinners at

 R．R．NESS，JR．，HOWICK，QUE．，P．O．AND STATION．


## INIMANIALLE HOLSTEIN HERD

Hove won during he，pat abow samon




Bul olyem thonh ana ander onls

GEO．RICE，TIllsonburg，Ont



 VOLSTEMS Wodatook Extaito Oontro P．O


Wardend Ayrshires We are offering young




 is．and 4
hitai－olass ayrbhire catthe obulin and hafir ralvee two to nino monthe




 STOCK WOOD KYRSHIRES FOR BALI
 nora；also some nice young cows and heifer

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The famous Relord Herd at SL．Anne do Silleve，Wue．，now owned by
Several yearling bulls for sale；
also a number of Quality and appearance extra good， bred from the best milking strains，
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large teats．
－or particuars apply to
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## Ayrshire Bulls



w．Owens，Monte Bello，Que． mple cuir Datry and stook Farm



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## Hunsine SHEEP

Reserve champlon in the short
SPLENOID MUTTON 6000 WOOL GREAT WEIGHT
his highly valuable Englsh Breed of Sheep in
unrivalled in its
Ondemully Early Maturlty．



JAMES E．RAWLENCE， atary Hamphire Down Sheep Breeders
Aspociation． Sallsbury，England．

## Southdown Sheep

Unequalled for fine quality of both mutton
and wool，hardiness of constitution， STRIDE \＆SON will sell by auction at THURSDAY，AUG．9th， 1906

 6，000 PURE－BRED SOUTHDOWN EWES 450 PURE－BRED SOUTHDOWN RAMS and ncluding consignments from nearly all the lead－
ng registered flocks in England

Telegrams，ST
Postal und ress
STRIDE \＆SON
The 1 （1）
－sho hou and Flook
of Shorthorn Cattle and Lincoln Sheep


 Cables－DUDDING，KEELBY．ENNG． Cringe Cattle and Sheep Labels ＊
 JAMES，Bowmanville，On


ditSAVE 20 CEITS PER SHEEP on overy ahoop STEWARTSIMPROVED 1904




Kent or Romney Marsh ANNUAL RAM SALE.
 FRIDAY, SEPT. 28, 1906 , at Ashford, Kent, England.
W. W. CHAPMAN,

 | Mowbray House. Norfolk Street, |
| :--- |
| Strand. | LINCOLN LONG-WOOL SHEEP Lincoln Ram Sales, 1906


 Sept. 7th. 1808, up to 400 rams . The sheep will be penned on viiaw in
the afternoon before each day of the sale. WILLIAN FRANKISH, Sooretary,
Benedict's Stuare,
LINCOLN, ENG
AOUTHDOWNE Having sold short, I am now booking orders for
future deliveryon show and breeding flocks. COL工工IE At stud, Holymood Cllinker,
Just imported.
Rosbt. McEwen, Byron, Ont.

Sirnashilio a Colsisulid Shaon
SCOTCH SHORTHORNS and


CLYDESDALES Ohoice ram and owe lambs. Alse for malle. Apply

JOHN BRIGHT, Myrtlo station, Ontarlo. BROAD LEA OXFORDS,
 Hen shearring owes, one show ewe four year
old. Will also book orders for ewe and ram
ambs from imported ram.

 DORSET HORN SHEEP DORSET HORN SHEEP and
SCOTCH SHORTHORNS he Iatter representing the Monpareili, Mise

 North John A. MoGilllivray óntarle Seod Grains and Dorset Horn Rams Emmer and Tarter King oats. All grains well
cloanned. Write for samplos and prices.
Glonaira . Farm.

## cossip. <br> The champion Shorthorn at the Cork, Ireland, Spring Show, Miss Staples' (Dunmore) massive Links- filld (hast month, was

 field Champion (86401), a roan calvedMay, 1903, and sired by Scotish Heatherwick, a. son of Pr. R. Bruce, of of Archere
$(71240)$ Linksfield Champion (71240). Linksfield Champion, judging
from his portrait in the Farmers
Gazette,. of Dublin, is an tideal Shorthorn of the approved modern type, full and quality

Yolume 4 of the Canadian Holsteinthe Secretary and has, by courtesy of Clemons, St. George, Ont., been recived at this office. It is a creditable volume
of over 425 papes, containing the pedtof over 425 pages, containing the pedi-
greess of 520 bulls, numbering from 3,239 grees of 520 bulls, numbering from 3,239
to 3,789, and 732 females, numbering
from 4,931 to 5,663 a atotal of 1,252 from 4,931 to 5,963 , a total of 1,252 animals, a very long list of transfers,
and a list of cows in the Record of and a list of cows in the Record of also a list of members, besides the con-
stitution and by-laws of the Assoclation,

Mr. R. Keevil, breeder and importer of Shires and Hackneys, whose stables are at H. George \& Son's stock farm, Crampfidence in saying that two of the finest Hackneys ever imported to this country
are now at my atables. They arrived are now at my atables. They arrived
here in good condition, April 20th. On here in good condition, April 20th. One 7151, is "one of the most brilliant horses of the breed? His shape and carriage are well-nigh perfection, He has
proved himself an extraordinarily sure foalgetter, and holds a veterinary certificate
of soundness. He fo e beeutifol un of soundness. He is e beeutifor, up
standing bay standing bay horse, seven years old, $1 E .3$
hands high, with excellent bone and substance. His sire, Garton Duke of Connaught 3009, is a winner of numerous prizes, including champion cup and silver
medal in classea Hackneýs Show, 1893, against 58 entries, and has sired 176 wioniss at the London shows. Leyswood Gordon's dam, in 1889, and her sire, General Gordo 2084, was frest in London (Eng.) Show and reserve championt cup and sllver
medal, against 83 entries, and reserve challenge cup and gold medal, against has entries. Leyswood Gordon himsel
only been beaten by the world-re nowned champion Hackneys, Copper King
and Diplomatist. Such y horee an is reasonably sure to get arse as this matter what the mare may be. The other horse, Blagdon Htghtiyer II.; is also grand mover, with beautiful, hard, flat bone, and that masculine character that is indispensable in the making of a first class sire. He is an improver, excepp
tionally, well bred, and will be a credii
to both buyer and seller. portation of any quantity, My arrived here at the beginning of this year, and every and Shire stallions and stallion collt Why I have been successfur is becaune IT
followed the same lines upon which we collowed the same lines upon which we
conduct our busincss in the Old Country. Our last sale there was Blagdon Benefactor, bred hy ourselves (Clement Keevil
\& Sons), and sold for $\$ 5,000$. What we \& Sons), and sold for $\$ 5,000$. What we
aim at is: Weight, with quality and
areed ise breeding, with perfect pasterns and feet,
then we insert an advertisement in the best advertising medium. This time it is 'The Farmer's Advocate' which we
have to thank for the quiries resulting in many sales. Sold to-day to Messrs. Ferguson \& Son, of Carlow, near Goderich, the two-year-old
Shire stallion, Blagdon Stoneal Shire stallion, Blagdon Stonewali, a
famous young horse, and no better-brod famous young horse, and no better-bred
colt has ever entered this country. He
is intred to and consequently has two crosses of that wonderful Sture has has two crosses of that Wonderful Shire stallion, Lincolnshire
Lad II. Mr. Fergisuson has shown considerable pluck in investing in such a
noted colt, and has noted colt, and has conferred a great
bienefit on the farmers benefit on the farmers of this locality, for
such breeding and quality as Blagdon
Stonewall Stonewall has is sure to tell. I still neys referred to, Medbourne Ho Hack-
prizewinner prizewinner at the recent Toronto airloom, also a dandy-bred two-year-old stallion,
dark brown, and having an unusual dark brown, and having an unusual
quantity of hard, finty, flat, smooth
bone.,

## CURED HIS WITE of LA GRPPE

Quebee Man tells how the Great Consumptive Preventative was an all-roumd Benefit
"My mifo took Le Gippe whontor nouma, "ayy RM. Farmo Oua, in an inerdinew ming it cote



There you have the whole matter in a nutshell. La Grippe and colds are among The forerunnere of consimptione the other. Psychine not only cured both but it puit them up no that their bodies aro, strong
enough to resist disease. All ceeds of enough to resist disense. All seeds of
comsumption are lilled by.
PSYCHINE
50a. Per Bottle


ouned To Etay ounct:
We give poompt rellif yad parmarien :
No. 37 F, will be matled on neot Boot
DR. WAYES, Bumalo, M. It,
COTSWOLD SHEEP

the prisowinmern at he leeding nith
W. Moulton, Bronatilold Farm, Morthiceith, eloe.

 Boers, roedy for arrileo, and ollem bred and



 oolwili Bpily, Daily mail st our coort

Thount Pleasent Herd of Tamwortlis
 grontable breduand daean bupo ho home ero 238. Won eweepstelkes and eifiver medial Th GLENHODSON YORKSHIRES AND POULTRY.


GLENHODSON COMPANY, Inyrllo Station, Ont Long-distanoe phone at farm. Lorne, Fotter, ${ }^{\text {Wind }}$

Clonbumn Hord of
YORKSHIRES
yow on hand, aumber of sown, 5 and dy. bavio in Booling ordepre for spring tid. And

LARGE ROPObank Hord of Hist Bliter

 IMPROVED YORY SURE LOR EML just weaned ; alvo pairs not alin for forme grook
ing.
OEO. m,

* WHa cossip. Mre. M.s patience was much tried oy a arrund whit har mouth open. One day.
as the maid waited on the table, her mouth was open as usual, and her mistrease, ztiving her a severe look, sald:
 . insos bagazine nis ne
At the International Sunday-echool answer to the roll-oall of statie, reporte were verbilly eiven by the vartone State was ofllod, a briwny mpecimen of Southmind mithood stepped out sinto the aisle, repreant the great State of Thiats.
firat whe living-olie now has a poputation of over Mhef wass a patuse of bewildermeitt for ganerils rang out clear and distinct the 1. . Send that woman out to wyomia. we need her ! "-Under the spreading forphint Tree, in Everybody' Magazino Tact A Canadian newspaper man, possessed himsell: Uhie topring I was out in the wopds ynto a country station to wait for with their young hopefuls, one there Wout five years old. After talling a While to the youngster, there was a lull Your Iace eurionsly, Figh, there must be some nieger fn youd, ${ }^{3}$ Which, under must be some ot minces. was, perkaps, excusable in the his mother, to patch up the break, re marwif: "That boy always says what he tivin
GOOD ADVICE.
Sydiph Fither cut the following from "When you rive in the morning, form resolution to make the day a happy one o - blow-creature. It is easily done. A left-of garment to the man who needs couraging expression to the striving-trifles te themsetyon as Hight as air-will do at least for the twenty-four hours. And you are young, depend upon it, it wil
tell when you are old: and if you old, rest asoured it will send you gently and rappily down the stream of time to eternity. By the most simple arithmesend one person, the result. If you through each day, that is three hapdred and sixty-five in the course of the year And suppose you live forty years only
after you commence that oourse of medidine, you have made fourteen thousand or hundred belings happy, at all ovents for a time."
our hardwood supplies nearly EXGAUSTED.
Editor "The Fafmer's Advocate"
We consume from 7 to 10 million feet of Cumber per annum. We purchase in Finber we can obtain, but we are hardived to import a large amount of from the United States. The supply of hardwood lumber, and some of the softwood grades, such as basswood, is fast becoming very scarce and diffcult to ob-
tain at any price in the Canadian market.
We are not in a position to contrast the present prices for lumber with those ago in Canada, but from what wa can learn, it would appear to us that the pricee of some kinds of hardwood lumber has more than doubled during the past We trust that your efforts to have some action talyen to preserve the forests and reforest the timber lands in Canada may meet with success.
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a fadr deal. If you have a good thing and know it yoursell, rve got a good thing. rm proving that every day. I want every weak, puny man,
every man with a pain or an ache, to get the
 some have used other waye of applying ele tritetty - without getting cured and they are know what they are paying for.
yours without a cent of or a man, thing Belt in ready to zay to me, "Doctor you have earne your price, and here it la."
That's trusting you a sood deal and it to nhow. mow the most men are honest, espectally when the sut 1 oon cured of a sorious ailment, and very fow whll impoge on As to what my Belt will do, I know that it will cure wherine cases out of ten a can afford to let me try anyway, and Yil take the re, you owe to to yourself and to me, when I make an oflor I want you to know what I have done for other Dear sir, -I must a pologize for being so long in anowerng
your letter, and, at the same time, $I$ must say that $I$ was surmleotrio Belc. It must be fully two years ago that I wrote your
 some time, and gradually, but surely, both rheumatism and weokIt roel cure. Yes, the Belt oures. my immealately applied the Belt and am agat wel. I rropet tit, Immearately the bplied the wocderful appliance for the rellef of sufferfig humanity. I have
 elt you may bo enabled to slve her the required cure.
January 81st, 1908 G. DUVAL, Grand Mero, Que.
URED OF RHEUMATISM B YEARS AGO AND NEVER HAD Dr. McLaughinn: Collingwood, Ont. Dec. 16, 1905.
 Ism. Ifind the Belt just the thing to do as you say. I have
ent It
Wo others, and thoy mpeak well of it. Wishing you every succese, I remaln, yours truly, If you would belleve the thousands of men whom I have already treated, my Belt is worth fits weight in But some men don't bellieve anything until they see it. That's why I make this effer. I went to lot If I don't cure you my Belt comes beck to me and we quit friends. You are out the time you $n$-wearing it while you sloep-nothlns more your case. If I think I can't cure you
I'll tell you so, and not waste your time. Anyway, try me, at my expense. Call To-Day and let me show you what I have, or if you can't, then
cut out this coupon and send it in. It will bring you a description of my Belt and a book that wlil inspire you to be
a man among men, all free. My hours. a man among men, all tree. My hours,
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[^0]:    We one of thas added to its staff one who ranks easily

