

SPECIMENSOFCLYDESIALESAN゙いふHOKTHORN心， the property of mr．Johi fe smith，bravion mantoba．

There is no sense in ustaking chances of contagion being brought amongst us. It is quite possible and an outbreak to happen and a numts for disseminat ing disease.
'ng disease.
No particular' care has been exercised. Cattle, No particular cale and sale of their products, are now one of our largest exports-the chief means of bringing in money, considerably over $\$ 20,000,00$ of these having been shipped last year. This gives some idea of the cala break out. The Department disease were really to break out. The Deparater which requires the most prompt action on the part which requires the mosthorities.

Against Clydesdale Interests
At the late annual meeting of the Clydesdale Breeders' Association it was resolved that all horses of this breed foaled and reared in Canada will be
ons considered Canadian-bre
after the present year.
This motion, although passed, was strongly opposed, it being a question that has been brought up at previous meetingsand always negatived by a large majority of breeders. We consider this actiong, and against the interests of Clydesdale breeding, and leading shows, as generally known, there have been classes for imported Clydesdales and another for Canadian-bred draught horses. The latter class is supposed to admit only such horses as have been crossed up, while the offspring or imported animals. Now, it is the men who have brought to such perNow, it is horses which compose this Canadianbred class who deserve much of the credit of the advance made in Clydesdale breeding in Canada today. Without the assistance they have contributed through their patronage, there would have been no demand for imported stallions. And it is difficult to conceive that anything but a personal interest
should have led the leading members to pass so disshould have led the lead which means turning loose couraging a measure, which means turning loose
the produce of the best imported mares obtainable the produce of the best imported beares ophole sup-
to fight against a class that has been the whol port of the trade in imported horses. Again, it is these men who have made the Clydesdale Association what it is; without their annual subscriptions and annual registering fees, the finances and annual stud book would both make a very small showing. Now, thẻ class for Canadian-bred Clydesdales with five or more crosses is of the greatest import-
ance to the horse breeding interest of the country. ance to the horse breeding interest of the country.
It is from this class that the sales to the Northwest It is from this class that ene made; in fact, it is from this class our sales in the past and our hope in the futbre lies, There are several buyers in Ontario constantly buying and sending away car loads to Great Britain, and the future is still hopeful, if the Canadian farmer will but breed them larger and good enough; and what we have so often urged is to retain the best mares for breeding and sell the geldings, the demand for such is very good. In
late years it was the young stallions and mares sold late years it was the young stallions and mares sold that brought the best prices ; now the demand for
stallions is passed by, and geldings are the best sell ing horses. And it would be suicidal not to encourage this class to the utmost. Any observing man who has taken any interest in the show of heavy horses of late years must have been wonder fully impressed with the uniform excellence of this class, and no men are more deserving of credit forly
the enterprise than the farmers who have yearly the enterprise than the farmers who have yearly
exhibited the splendid specimens that have been brought out, and the very fact that they (especially in the mare and filly sections) have always com pared favorably with the imported animals is a proof that the prizes offered have assisted in developing this sort. Now thatour draughthorses are fast becoming the admiration of those who have purchased and used them in the cities of Great Britain is another proof that they should be furthe encouraged. Doubtless the hope of winning a priz
in this class has prevented many an owner from ac cepting a tempting offer that would otherwise have taken the best mares and fillies out of the country. We have no desire to prevent the encourage ment of importing mares or breeding from them these deserve all the assistance that can be accorded to them, but they have most of the younger sec
tions to themselves, as few stallions or mares are imported and shown until three years old, and less
of these will be imported, in all probability, for few years to come.
Again, we consider, with the class of stallions and mares that have been imported, it is an ad to admit that we cannot rear horses as well as the old country breeders.

ArRul. 1893 TIE FARMER'S ADVOCATE.

(11.5).) he by old Prince of Wales (i(i7.3): dam of Ken-
contained in an Indian corn and Horse Bean mixture in nearly correct proportions, it is still an in complete food, from deficiency in fat. The Suw the
 the seeds contain a large percentage of fat. The the seeds contain as the "Mammoth Russian" was grown in rows 3 feet apart, with the plants from 3 to 18 inches distant in the rows. There did no appear to be any appreciable difference in the weight of the crop per acre, where the plants wer grown close or more distant in the rows. They yielded at the rate of $7 \frac{1}{2}$ tons of Sunfower head per acre. From the anased contained 352 pound it was established that they contained 352 poun of albuminoids, and 729 pounds of fat per acre.
The combination for the feeding of cattle may b prepared as follows:
Half a bushel of $\mathbf{H}$ Half a bushel of Horse Beans are mixed with oneplanted on one acre, in rows 3 feet to $3 \frac{1}{2}$ feet apart. The method of cultivation to be followed is similar
to that for the culture of fodder corn. When the corn reaches the glazing stage of growth, the pro corn reaches the glazing stage of grow th, the progrown together is necessarily handled as one crop is cut and put into the silo, together with the head
from half an acre of Sunflowers. The Sunflowe heads may be reaped with a common sickle, carried
to the cutting-box on a cart or wagon, and to the cutting-box on a cart or wagon, and hut
through it, on and with the Indian corn and Horse
Beans. The following Table shows the quantities of the nutrients which are contained in the crop from tw acres of Indian Corn and Horse Beans grown to gether, and in the heads
fowers grown separately:

|  | Albuminoids. | $\begin{gathered} \text { Carbo- } \\ \text { hydrates } \\ \text { and Fibre. } \end{gathered}$ | Fat. |
| :---: | :---: | :---: | :---: |
| 15 tons per acre $=30$ tons horse Beans SUNFLOWER HEA $=9$ tons 7.5 tons per acre $=3.75$ tons | Lbs. | Lbs. | Lbs. |
|  | 1,092 | 10,302 | 324 |
|  | 490 | 1,361 | 125 |
|  | 176 | 1.186 | 364 |
|  | 1,758 | 12,849 | 813 |

The 666 lbs. of albuminoids in the Horse Beans and Sunflowers are the equivalent of the albuminand oats.)
Two acres of fodder corn. at 15 tons per acre,
furnish 1,200 single feedsfo 50 lbs. each. The albumifurnids, in the Horse Beansand in the heads from half an nore of Sunflowers, are the equivalent of the albuminoidsin a quantity of mixed cereals sufficient to give
4olbs. with every feed of the 1,200 . It is to be expected that further experiments will demonstrate pected that further experime Horse Beans and Sun-
that the albuminoids in the
flowers, being in a succulent condition, will be more flowers, being in a succulent condition, will be more The cost to produce the "Robertson Combination cost for gro wing 2 acres of Indian corn alone. The extra items are:-Sunflower seed for haling half an labor of planting, cuitivating Bean seed for 2 acres; total, $\$ 15$. Against that outlay of $\$ 15$, the return in albuminoids is the equivalent, for the feeding of
cattle, of 115 bushels of mixed cereals. I have made cattle, of its bushels of mixed cereals. Thave made in the Sunflower heads.
Agroup of milking cows are being fed on a ration,
of which the ensilage part is made from mixing the of which the ensilage part is made from mixing the
heads of Suntlowers from half an acre with Indian corn fodder from two acres. The cows of another
similar group are being fed upon a like ration, of similar group are being fed upon a like ration, of
which the ensilage part is from Indian corn alone, which the ensilage part head per day more than is allowed the cows of the former or Sunflower group.
The milk from the two groups, is set in deepThe milk from the two groups, is set in deep-
setting pails in ice water under the same conditions; setting pails in ice water under the same condions; average of nine tests:-
$\underset{\text { From ration }}{\text { with Sunflow- }}$. $\begin{aligned} & \text { wrom rith ordion or } \\ & \text { ind }\end{aligned}$ $\left\lvert\, \begin{gathered}\text { with Sunflow- } \\ \text { er Eusilage. }\end{gathered} \begin{gathered}\text { with ordinary } \\ \text { Indian } \\ \text { Ensilage. }\end{gathered}\right.$
Percentage of fat in skim-milk
Chunning period minutes....

Percentage of fat in buttermik. | ${ }^{2}$ whic ${ }^{20} .40$ |
| :--- | :--- | The butter from the cows, which are fed on the

ration with Sunflower ensilage, has a vicher flavo the
lot. The Sunflower ensilage has developed a most
The agreeable odor, and the cattle are greedily fond of it.
Besides the points which have been mentioned, it should not be overlooked that Horse Beans beof appropriating free nitrogen from the athe faculty for the formation of the albuminoids whic
they contain. It is possible to increase the fer they contain. It is possible to increase the fer
tility of soil dapidly and to a remarkable degree by growing the crop and feeding it to dairy or
fattening stock. Protection to the land and profit to the pockets of the farmers are the two fruits to
be expected. These form a capital combination for be expected. These form a capital combination for
Canadian farmers, and no personal proprietory right restricts the use of it. Jas. W. Robert son

## STOCK.

## Isaleigh Grange.

This farm, which is the property of Mr. G. N. Greenshields, Montreal, is now the seat of one of the largest fine stock breeding establishments the province of Quebec. It is coing within two and or railway accommodation, be which is on the main ine of the G. T. R., between Quebec and Montreal, ne of the G. T. R., betwen Richmond, the junction between the above ine and the Portland branch of G. T. R. The farm contains eight hundred acres of easily worked land which is very suitable for pasture and growing the crops required in stock feeding, whle water in abundance is supplied by the living springs abound ing throughout the property, and two never-failing streams coveniently sttated improvements have assential ona been added since the farm came into the present proprietor's hands, among which are exten sive stock and grain barns, sheep houses and pig gery, all of which are equipped
appliances of most modern character.
Stabling for 100 cattle is provided, and 300 sheep have roomy and convenient quars, whis build piggery is the most perfect or wide is built in the most substantial manner, and is heated with steam, so that cold has no effect upon the occupants, let the weather be ever so severe outside. four threshing floors, with shafting conveniently placed for running the necessary machinery oper ated in threshing and cleaning the grain, as well a preparing the feed for the stock. A 20 -horse engin supplies the power which drives Anected with the machinery, and the circular saw for cutting wood, milk separe engine-house, grain-grinding room, icehouse and dary, together with a large store room, are situated close to the barn
Guernseys are the cattle bred at Isaleigh Grange. At the head of this herd is the bull Ontario's Pride 1029, A. G. C. C., which is undoubtedly one of the best bulls of the breedon the continent, and pronounced by that astute judge, Mr. Wm. Crozier, of Long Island, to be one of the best dairy bulls any breed inAmerica.
The cows are also a remarkably fine lot, and, have large frames, are smoothly finished, and are among the most handsome of the dairy breeds. The cow Eliza C. 2nd, a lemon-colored fawn, with white markings, comes nearly to the perfection in type of what we consider a dairy cow should be; her grandly developed milk vessels, elastic touch, and handsomely turned horns all bespeak high breeding.
The fou
grand four-year-old cow May Queen 7 th is another grand, large cow that claimed our attent here
though there were many others equally good here The calves were a remarkably good lot, the gem of the whole collection perhaps being a four-monthold bull calf, Isaleigh Choice, by Ontario's Pride, out of Eliza C. 2nd. This is really a marvellous youngster, showing wonderful size for his age, smooth and level all over, a beautiful handler; in fact, to our mind, about the perfection ould should be.
dairy bull dairy bull should be bute to the herdsman, Mr. M. Mansell, a son of the well-known Shropshire breeder, Mr. T. J. Mansell, of Dudmaston, England. Mr. Mansell, who, we might say, has barely reached, his twentieth year, deserves the greatest credit for the beautifu form in which he has brought the herd, numbering over eighty head, through the winter.
The Yorkshire herd, founded on stock from the herd lately owned by the manager, Mr. J. I portation from the best herds in England, including two grand stock boars from the well-known herd of Mr. Sanders Spencer. One of these, Holywell Manor winner of first last year at the Royal Show at War wick, has been pronounced by good judges, both in England and Canada, a faultless type of a bacon pis His magnificent hams and well sprung ribs, comhined with his tremendons length and dep h, came hut please the most cricat of hair indicate a grand flat bone and
constitution.

Among the sows, besides a few choice specimen rom Holywell, we noticed a capital sow of Lord winning shreeding, the dam, we were old, ofaprize winning pen of boars at the Royal; and last, but
not least, a beautiful yelt from the Metchley her
of Mr. D. Gibson, Edgebaston, Birmingham, Eng-
land. This sow has never been beaten in England, land. This sow has never been beaten in England,
having won at the Royal and numerous other large having wh at thew carrying a litter of pigs to Holyshows. Srince, also a winner in the best company in England.
After leaving the main building, a few minutes drive with the manager brought us to the sheep barns, where we found, perhaps, as choice a collec
tion of Shrops as can be found in the Dominion. It is not necessary, perhaps, to say much about the sheep, as a short description with illustrations appeared in our December (1892) number mentioning a mowever, pass them over without mentioning sheep, bred by Mr. George Thompson, of W roxall, Woyal, Royal, and received the reserved number at the
Shropshire and West Nidland Show at Welshpool, Shropshire and west widered one of the best yearlings England, being considered one orge to the eye, he
of the year. While not overly large
is a sheep of tremendous scale, showing a grand is a sheep of tremendous scale, showing a grand
back and loin, short couplings, good brisket, and a back and loin, short couplings, good brisket, and a
magnificent fleece. The flock, which numbers over 100 head. exclusive of this year's lambs, of which there were at the time of our visit nearly 50 , gives
every evidence of careful and judicious handling without the slightest pampering, all the stock sheep being in strictly breeding condition. Besides the pure-bred Shrops, a flock of about 120grade total numbeing lambed this spring, thus making Grange 235, all in charge of an experienced English sheppherd, the manifest signs of whose careful managem
does not take ang, we might mention that what es Becially struck us at Isaleigh Grange was the systematic manner in which everything is carried
out, the manager, Mr. J. Y. Ormsby, whose reputa out, the manager, Mr. J. Y. Ormsby, whose reputa
tion as a stockman is already known, being seconded in a most efficient manner in their respective de partments by the farm foreman, Mr. M. Lockwood
and the shepherd, Mr. O. Lloyd, as well as Mr. M. and the shepherd, Mr. O. Lloyd, as well as
Mansell, to whom we have already referred.

## Chatty Letter from the States

(From our Chicago Correspondent.)
Marketing of live stock, except sheep, is falling ar behind la is comparatively light.
The fat cattle market is not at all strong, though prices are decidedly better than a year ago, when
exporters bought choice cattle at about $\$ 4.00$. Some ime ago Mr. Armour thought hogs would soon go to $\$ 6.00$, and now Mr. Cudahy thinks they will not
go below $\$ 7.00$. The prices, howerer, have been on the down grade, and have made a big drop from the high point last month- $\$ 8 \%$. The has seems the that the increased price of pork hatent that prosconsts for higher prices, in the near future at least, pects for hig
"Hogs scarce" is the one message that comes from all of the swine growing sections. Farmers and feeders are paying as high as 8c. @ 9c. per tt. for pigs and brood sows in many
There is a very full marketing of calves, looking as if cattle-men preferred good prices for veals rather than take chances on grown cattle. One day cipally from Wisconsin, being the largest run of native "bawlers" this year. Sales were made at $\$ 5(a \$ 7$, largely at $\$ \mathbf{5} .75(a \$ 6.75$, a a eraging 95 to 114 ths. As has been previously stated in these letters, Texas calves have been marketed during the past winter months in unprecedented numbers.

A Chicago man who has been travelling in Texas for two months says the business of stock-feeding is dereloping so rapidly that it will not be long be-
fore Texas will have an all-the-year-round beef fore He thinks the supply of fed cattle will be pretty well out in about thirty days, and then grassers will be ready to move right along. Cattle men expect better prices than last year. CottonTexas cattle this year
Mexico has repealed the duty on American corn (maize), and the state farmers, especially those in
the southwestern portion of the country, are rejoicing. erecting slaughter and refrigerating plants in Mexico, and the people of that repab are being Boston and Chicago capitalists are trying to
atablish a large beef and pork packing plant at Fort Worth, Texas, with some show of success.
Meat distributing centres are constantly mul tiplying. hay-fed northwestern range cattle were recently marketed here. Eighty-four head, 1,248
t1s., solit at $\$ 4.15$, and 44 head, averaging 1,187 its., sold at the same price. These are about such cattle ot of 73 corn-ted western range steers, averaging
 at s.5.5. The owner of the seven-year-olds was




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CANADIAN THORPE BARLEY. Exeopton rare oceasions and in fayorablel oopallise the










## Our Scottish Letter.

## o events shows and meetings.

this season-the Glasgow Stallion Show and the Between the two the Clydesdale Horse Society indirect influence of the one upon the other is very
apparent. The presence of the numbers attached to the pedigrees of the animals is the least of the indications of that influence with which all have been familiar since 1879. The complete revolution
which has taken place in the method of hiring horses, during the past ten years, is undoubtedy
due to the silent but steady influence of the move nent in favor of pedigree registration, and the in and passing a thencis movement of as the such abnorma and passing agencies as the foreign demand is con
clusively established by what has been transpiring dusing the past six months. The anxiety of far
mers to secure the most valuable horses for breedmers to secure the most valuable horses for breed-
ing purposes is now seen to have been due to no everish excitement arising from an excessiv iction that no horse should be chosen for breed ing purposes during the bustle and anxiety of a
great show and. competition. There was too
great nerve tension and too little time to make a great nerve tension and too little time to make
eisurely survey under such circumstances, and consequently no less than fifty-four of the best horses
were under hire before the gates of the show were opened.
How
How widely supported is the system of pedigree
egistration followed in the Clydesdale Stud Book evident from the fact that in the three ope lasses there were but five aged horses, two three-year-olds, and no two-year-olds that would not re-
pister, and in the whole show there was not a single horse that could be styled cross-bred. The total num ber of three-quarter-bred Clydesdales in the whole how was ten, and this indicates a remarkable competition for the Cawdor Cup forms an import ant link between the Stud Book and the show, and he interest taken in it is one of the healthies The tone and temper of the annual meeting of the Clydesdale Society were indicative of buoyant hope, nd while there was some difference of opinion in pegard to points of administration, it was quite apooding, but with an optimistic and cheery concommunity, and offering no inducements to its nembers but the patriotic maintenance of a valuable
breed, may well be hopeful when, at the close of its sixteenth year, in spite of a season of depression it
counts on its roll no less than 1478 members, and is adding new supporters from month to month to take the places of those dropping out of the ranks
by the efflux of time. The Clydesdale Society has weathered many storins; its infancy was cradled in a keen conflict; and while never possessing either the possibilities or the realities of wealth to
which its Southern neighbors have attained, it has been loyally supported alike by the leaders and
he rank and file of the Clydesdale world. Its future will not be unworthy of its past.
The show yesterday, 10th inst., opened under

## The judging aged horses.

The judging of the Glasgow premium and the
pen prizes proceeded on parallel lines. The entries or the $£ 80$ premium for the aged horse numbered cluding Prince of Princes, and Williamwood, from the Eastfield stud; Mr. Dunn's Master Robin ; Ger ningham ; Mr. Johnston's William the Conqueror Craichmore Darnley, and Royal Signet, from
Hatton; Johnnie's Style and St Stephen from Hatton ; Johnnie's Style and St. Stephen, from
Meadowfield ; Moneycorn, from Blackhall; Hamish M'Cunn and Juryman, from Berryyards; and
Royal Stuart, from Westurn number of horses were drawn up for the Glasgow the leet was reduced to the following ten, viz : -Mr . Dunn's Master Robin, a very handsome horse, look-
ing extremely well, and without question the best ing extremely well, and without question the bes
mover on the causeway in the class, Mr. James
ohnston's William the Conqueror, which last year Johnston's William the Conqueror, which last year
won several prizes ; he is looking very well, and has grown into a big, powerful horse. Mr. Riddell's
Moneycorn, the winner of the premium last year, Moneycorn, the winner of the premium last year,
wearing very well, and in every respect a very
handsome horse. Mr. Alex. Scott's Hamish M'Cunn, which, since last season, has thickened greatly, and now appears to be a much shorter legged horse
than he formerly was. Mr. Walter Park's two horses, Craichmore Darnley and Royal Signet, both
of "which had been successful in securing good premiums: The former is a horse of great sobstood well forward, and is growing into a first-class horse with splendid action. Messrs. J. \& J. Whi
son's Royal Stuart was also among the horse drawn. He is a good mover, and a very thick
powerful horse. Mr. Riddell's horse, Sir Jame powerfy Sir James Duke, and the winner of th
Lesesmahagow premium last year, was likewise in
the leet. This is a very good horse of beautifu
 wnw

amination two animals were drawn from this lot, horses are of distinct types, Moneycorn being a big, upstanding stylish horse, but perhaps a little wantng in rib; Master Robin, a very fine, short-legged
horse of prime quality. After a few minutes' conideration, Royal Signet was drawn over along with these two horses, and the premium was awarded
o Moneycorn. Mr. Riddell then withdrew his horse from further competition, and the judges o M'Allister-took their work in hand. For the open class there were several important additional com petitors, the most notable being the H. and A.S.
champion of last year, Mr. Taylor's Rosedale ; Mr Kilpatrick's celebrated horse, Prince of Kyle; Mr Riddell's grand big horse, Gallant Prince, and the Messrs. Crawford s well-known prize horse Gold
inder, that was first at the H. and A. S. Show at Stirling in 1891. The short leet of seven consisted of all of these horses, with Master Robin, William wood, which in days past more than once defeated
Rosedale, Johnnie's Style and Royal Signet. It was subject of general remark that never had the merit of the horses in the leet been excelled. There have been perhaps as good horses, but there cer-
tainly never were better. The judges had no difficulty in placing the first and second horsesrince of Kyle and Rosedale. It was generelly ad mitted that the first was looking better than he
had ever before done. He has thickened out won derfully, and is at present a horse of fine pro portions, with rare quality of bone, and moving to erfection. Mr. Kilpatrick had certainly cause to
ee proud of his horse. To our mind he was walking e proud of his horse. To our mind he was walking
better than when he was younger, and his closely coupled frame and fine cantour were the subject of niversal admiration. Mr. Taylor's finely-built He was the Duke of Hamilton's premium horse last year, and this season is under hire to the Dunwas regarded as in every way well deserved-and could he but trot with the same freedom in front as Prince of Kyle, would probably be as stiff a comculty was experienced by the judges in placing the third horse. At first their order was Goldfinder hird, Master Robin fourth, and Gallant Prince fith, but second turn there seemed to be a dis position to place Gallant Prince further up, and
eventually matters came to a dead-lock. Mr. Weir was drawn by ballot as referee, and was asked to
decide between that horse and Goldfinder for third place. He undertook the task, and after an ex mination in his usual masterful style, he put laced Master Robin, a stage further down, and our owgment would hardly have gone this way. Fol owing the type of the first and second horses
seemed to us that Master Robin in view of his own nexampled merits and admirable balance of points,
hould have been placed third. He has few equals, and no superior if absolute justness of points be considered. The only objection that can be made in a heavy draught horse. Johnnie's Style which wears well, was sixth, Royal Signet seventh, and Williamwood eighth. Although we have not in erted their numbers, all of these horses will

This was not nearly so strong a class, either in numbers or merit, as the aged horses. The winner of the Glasgow premium, Mr. Spittal's choice big He was got by Sir Everard 5353 , the winner of the lasgow premium three years in succession, and hrice first at the great spring show. Glenlichorn son of Ardacraig,
wned by Mred Riddell, was second. Mr. George Alston was third with his beautiful horse, Vanora rince 9461 , and a capital horse, Lightsome Lad Craichmore Darnley, was fourth. He is owned by Hr. David Logan. Mr. Andrew Montgomery Kerrall 9303, own brother to New horse, the Mac Rosedale, was fifth. Choice Goods 9161, a stylish rom Blackhall, sevent

In this class there was a reversion to something of Millfield, was first with his immense, dark-colored hig horse, Prince of Millifielann, one of the grandes lark was second with Prince of Elgin. Mr. Wifliam Mr. W. Robertson, Linkwood, Elgin, and got by cottish Standard 9674 , owned by Messrs. Crawford Was third, and sons of Sir Everard 5353, owned by
Ir. Taylor and Colonel Stirling, were fourth and ifth. cawdor challenge cup
The decks were now cleared for the Cawdor Cup ar of the Titans great interest was excited by the he prospects of the older horses when pitted against he marvellons two-year-old, Prince of Milfield, asem

Prince of Kyle and The Sumuit. The judges drew
out the three firs The Summit and Prince of Millfield, and by an unanimous vote awarded the championship to Mr. Kilpatrick's great horse, with Mr. Mitchers pheny choice horses shown in the aged class, on which we have made no note, but of which it would be fair to write somethingcommendatort. The actions of the two sets of juages shs Clydesdale fanciers when the
of difference amongst best are concerned, but amongst the rank and file best argence becomes more marked. The three competitors for the Cawdor Cup were such horses as no
bred need ever be ashamed of. ScotLivo YET.

## Care of Colts.

Many colts are lost annually from the want of a proper knowledge of their requirementr oned, if part of a stable, the greatest care should be taken that the surroundings are as clean as possible afterbirth and all soiled bedding should be removed and fresh straw panger to the colt may be avoidedblood poisoning through the navel. The swollen joints of young foals, and abcesses that gather in some supposed injury, are generally the result of blood poisoning from some septic material having surface of the navel cord. For this reason the surroundings of the colt should be kept as clean as possible, and, if the season admits, both mare and colt will be much better our is much greater if the dangel cord has been ruptured close to the body than if it has broken at the usual length, and in such cases the cord shoing a piece of stout cord tightly ligatured by tieing a piece of stound it. When mares foal out ature there around danger of this disease attacking the colts, and on the We
Bleeding from the navel sometimes occurs, and should be prevented by applying a ligature as
described above. described above
Occasionally a colt will be observed to void its
urine through the navel, and in this case, too, the urine through the be applied, but of course if the natural passage is undeveloped or obstructed from any cause, a fatal termination the proper channel. Constipation is, perhaps, the commonest ailment of new-born foals, and is the cause of great fatality. tity of dark-colored, waxy foecal matter, which has aecumulated there during the colt's existence in the womb, and freque without assistance. Nature makes provision for this difficulty by arranging that the first milk secreted by the mare shall act as a purgabowels and get rid of the obstacle. Owing, how bowels and get rid of the obstacle. Owing, how-
ever, to the fact that many mares are fed chiefly on dry feed up to the time of foaling, the first milk sometimes has this purgative quality to only a
slight extent, and other means must be resorted to. Anght extent, and other means of a quart of water should be given by means of a syringe, and repeated frequently until the desired effect is produced. Failing in this, a dose of two or three ounces of warm oil may be ter to give him his medicine through the mare, and with this object the mare may be given a dose of
aloes, or oil, which will readily act on the colt aloes, or oil, which will readily act on the col pains.
Diarrhoea is not so common a malady as the op-
posite condition, but is more serious and difficult to treat. It may come on during the first or second day after birth, and may be caused by the first milk of the mare having too marked at purgative effect and before it is better to wait a day to see if it will not stop spontaneously, as in many cases it will do so Should the diarrhora begin at a later period the is the starting point, and a common cause of this is not allowing thay colt to have a drink for three
or four hours at a time. The mare cannot be spared or four hours at a time The mare cannot be spared from work, as the seeding is going on perhaps, is
the foal is left shut up in the stable while the mare goes out to work. By the time she returns the colt is very hungry, and takes more milk than it
tomach can digest, and indigestion and diarrhoe tomach can digest, and indigestion and the result. It should be remembered that young colt's stopnach is small and requires foo
often, and therefore during the first t wo weeks it hould not be required to go m
In treating diarthoa in vounganimals the object sould be to induce a healthy action of the bowel by mild remedies, in preference to giving powerful
astringents, which may stop the trouble for a time but give way to more violent purging in the end
If indigestion is present, a teaspoonful of powdered e water is a good home remedy, and may be given two or
three times a day. The mik of the mare may bee
rendered less laxative by feeding her on dry feed in preference to grass or mashes. Enemas of starch and latudang pain and straining often, a teaspoonful
of latudanum may be given liy the month.

But the object of this paper is rather to advise
the breeder how to avoid some of the common causes of mortality among young foals than to dis-
cuss the treatment of their diseases, and we will cuss the treatment of their diseases, and we will
conclude by advising the owner of a sick colt not to conclud bying for the veterinary surgeon until he
put off send
thinks the colt is going to die, or he will then of ten thinks the
find, too l
opinion.

## FARM.

## Building With Concrete.

One of your subscribers brought me your last issue, as antisfactory reply to James Munro's query a give a satisfactory reply to tames to the building of concrete houses ind walls. I have had some little
I give you the result:
give you the result :-
Twenty-three years ago it built a house, $24 \times 30$
 story and it inside, and filled the space, four inches,
boith concrete: tacked three feet of boards on outside, taking them off and raising them as soon as side, taking the. I carefully measured the lime and
the concrete set.
gravel, thoroughly mixed it three or four dass before using. My mixture was one shovel of fresh
slacked lime to three shovels of gravel. The gravel slacked lime to three shovels of gravel. The grave
was pretty sharp sand and stones as large as would goty in the space, with plenty of smaller grave
wones as taken from the pit. The house stands tostones as taken from the pit. The house stand alass.
day, and the concrete has become as hard as day, and the concrete has become as hard as glass.
Eleven years ago I bought a lot in this village, and, as there was plenty of gravel in the cellar,
built my house of concrete, $32 \times 34$, two stories, built my house of concrete, $32 \times 34$, two stories,
with bay windows, eighteen feet walls - the higher I got my house the deeper I got my cellar. I mixed my concrete nearly in the same proportions,
though emploving laborers it was difficult to make though employing laborers it was wald make good concrete, and when not closely watched would mak the concrete richer with limie. The house stands to
day as perfect as it was built, except where the con day as perfect as it was bult, except where the con-
crete was made richer than a fourth, it shelled a crete was made richer than a fourth, it shelled a
litte, but nothing to hurt. My cellar was $18 \times 30$. with good strong foundation walls. The foundation under
the other portion of the house was a trench two the other portion of the house was a trench
feet wide down to the gravel-about two feet. feet wide down the the
filled the trench with small stones, pounded them down, and built stone on the small stones above the
surface from a foot to eighteen inches. The idea of surface from a foot to eighteen inches.
the trench filled with small stones was to prevent moisture. On the stone wall I put a two-inch
plank, ten inches wide all round, to carry the weight plank, ten inches wide all round to carry the weight
of the superincumbent mass of mortar evenly, in of the superincumbent mass of mortar evenly, in
case of any weakness in the foundation trench cracking the wall. No crack came in it. Wal.
foot thick, bond timber, strapped and lathed. root thick, bond timber, strapped and lathed.
Last summer I put up a building of concret Last summer I put up a building of conctete for
store, with offices over. $28 \times 60,25$ feet walls. As before, I took the gravel from the cellar-the cellar
is seven and a-half feet to joists. After taking the surface soil from the space to be covered by the building, I dug to the depth intended for the cella
walls, throwing the gravel to the centre. Having built the cellar walls, laid the sleepers, and made
plat forms of plank to mix the concrete on inside plat forms of plank to mix the concrete on inside
the building, three on each side, threw the gravel from the cellar to the platforms for mixing. After
the cellar walls were completed I laid a two-inch plank ten inches wide on the wall, and put up a $2 x+$ the walls. twelve inches thick, would go two inches in the scantling-the scantling answering for bond
timber, and leaving two inches for air bet ween lathtimg and plastering. I used one and a-half inch plank, fourteen inches wide, to hold the mortar, lapping two
faising a foot at a time. Theadvantages of the inches, raising a foot at a time. Theadvantages of the
ccantling frames are: The walls can be carried up perfectly true, and the cost is about the same as
hond timber and strapping. The corners should be of the plank, thee feet long. clamped with iron prevent spreading. I found that mixing the con-
crete on the floor and raising it with shovels the crete on plan of getting it up. When it got too
cheaper play
high for the man on the floor to shovel it in, I had movable platform made to from the plat forme it took no longer to put up the twent $y$-fifth foot than the first, and the concrete was the better from the
additionat handling. As it really is building a house additionat handing. Asching or other ornamentation of the outside is simply a question of the taste way of
huilder. To be more minute as to my way muilding would necessitate vour making an unt
story of it cation. I will give any of your readers, should they To sum up. T believe concrete made fone trane to be as durable as stone or brick. are used properly and thoroughly mixed age only hardens it, and a house built of it should he bexter
in at century than when buitt. It would heconne

A. sulveriber write n: 1 I think qurp plowing



Distribntion of Seed Grain Wm. Saunders, director of the Dominion Experimental Farms, has long interestes of the most pro-
good work of distributing samples
mising varieties of grain among the farmers, believ mising varieties of grain among the farmers, bene
ing that only in this way could new varieties be ing that only in this way could new all the varying
tested properly, and their fitness for a tested propery, soil and climate of the Dominion be
conditions of this end in view, last year shown. With this end in view, last year
16,905 sample bags of promising sorts of grain, 6,905 sample bags of promising sorts of sent free
veighing 3 pounds each, were sesiding in weighing 3 pounds each, wers residing in different parts of the Dominion. This large quan
tity of grain, over 25 tons, was all of first quality tity of grain, over the most promising sorts which
and consisted of the mostal farms. have been tested on the several experimental farms. By instruction of the Hon. Minister of Agricultur-
similar distribution is now in progress for this a similar distribution is now in progress for sent year, and alreadge number are being mailed daily,
out, and a large
The object of this distribution is to place in the The object of this distribution is to place country hands of good farmers in all parts o barley, wheat peas, etc., so that they may shortly be avaitable eventually result in the displacing of poor, mixe and enfeebled sorts with varieties possessed of greate yigor and fertility. The number of samples send on the basisant ysy large number can still be supplied Vith careful and judicious handting, these three pound samples will generally proance fond of th second season the grower usually has seed enoug this large distribution of the best sorts of grain oh tainable will no doubt in a few years be generaly increase in the quantity of the average grain crops of the Dominion. A cipients are expected to fill up and return at the close of the season, with par The request is also made that a sample of not les than one pound of the product so that information Central Experimental Farm, so that information its growth. Samples are sent to applicants as long as the supply lasts. Letters can be sent to the Ex

## Bromus Inermis

This new Russian forage plant is being intro
anced by the Steele. Brigys, Marcon Seed (o. duced by the Steek, Brory far of the Vorthwest, Manitoba and British Columbia. It has also been highly recommended by the Head, and else Farms the sat B they have a large amount of evidence in support of their claim that it is unequalled by any other grass for its power of resist ing drought its nut ritice quas of the firm saw it
ness. ome of the members growing on the Experimental and in all cases it ha given the best of satisfaction. Messrs: Steele,
Briggs \& Marcon have received the following reBriggs which speak for themselves:-
Prof. SAIVDERS reports as follows :- Bromus Prof. SANDERS reports as follows:-Bromus
Inermis... Of all the grasses not in general cultiration wh. The seed germinates readily and the
promising. prounsing. .ants soon become established. It is con spicuous for its free leafy growth and tall stems.
which bear an abundance of seed. It flowers here which bear an abundance of seed. It fowers here four tons of hay to the acre. It is very hardy. early, and a heavy cropper, and pro
aftermath of succulent leafy shoots.
Getmath of suculent rad shoots, Garden City,
GRASS ExPERIIETAL STATIN,
Kansas:-Bromus Inermis. - This is also nearly Kansas:-bromus to the fescue gras. but endures the summer heat and drought much better and will grow on a much harder and poorer soil. It produces a great
amount of long and tender leaves near the ground, while the culns are rat her slenderand are not produced in vel y great ahmindance. so that is better
fitted for grazing than for hay. It is one of the few fitted for griazing tenains green Through the entire year, and bears grazing well. One plot of this was
sown three vears ago and. so far. it has held the sown three years ago, and, so far. it has held the
ground to the complete exclusion of all other grasses and weeds."
Bravion Experimextal Farm Report:-
$\because$ Bromus Inermis is a very promising grase here Thromus Inermis is a very promising grass here. This did not winter-kill the leasty : grew thirt y -t wo
inches high, and yielded two and a-half tons of excellent leafy, hav:", Seedsmen, Reading, England $\cdots$ It is a peremnial. and in our experiments has
proved to be one of the earliest grasses to start in the spring. It grows with remarkable rapidity, and yields an immense quantity of succulent herbage,
equally suitable for soiling or for ensilage. Al kinds of stock eat it greedily, and the analvsis the Italian Rye Grass.
Vnamons. Anoriex ofo. Seedsmen. Paris. France:- it is a native of the hlack lands of
Rusia, but is extensively grown of late in Austria. where it vields large crops of hay even in the most
unfaconable and driest seasons. It is a pereninial.
spreading rapidly by means of its underground preading rapidly hy means of its underground This firm declare they are willing to atake their

Legal Questions and Answers.


To the Editor of the Farmer's Advocate Dear sir,-Will you kindly answer the follow questions through your paper and oblige :-A
bought a piece of land of a company and hired B to

 lhatili it is returned
und
 pany, and what rizhts $A$ has given to the company Before we can answer we mist see the agreement or mortgage between A and the company.

## GARDEN AND ORCHARD.

## Spraying Fruit Trees

The successful use of Paris green as a means of
destruction for the codling-moth and curculio is being further demonstrated each year by practi-
cal fruit urrowers, who declare that the practice

 neglect to spray his fruit trees is considered as
fooish as $a$ anan who would grow 1 large acreage
 to destro qho potatio bus. To to thee who have have
never used it, but will do so for the first time this

 the trees are in bloom, for it will not only
waste of
labor and mat mater
 bids the use of any poisonousimaterial on fruit treees
while in blossom. The coaling-moth deposits her



 where the eggs are laid and before the calyx closes
with the growth of the fruit. Spray as soon as






 spraya a couple of trees, noting the result, and
any of the leaves turn brown use al less ilantitr o
 merely being held in suspension in the water, great
care is neecessary to keep the mixture properl care is neesaryy to keep the mixture properl
stirre, for it this
th settle to the bottom and the iatst of the berrel will
be so stron that the leaves will be found to be be eo strong that the leaves will be found to bei
severely burned. This is is convenient and well

 | when ordinary care is used. t great deal of non- |
| :--- |
| sense has been writen about the danger of eating |


 having been sprayed with Paris green. To tes
this matter the chemist at the outawa
Exprerimenta this materer hee onemist at otheotawa Experimental

 quannty as, oine rite thousandth of at grain or chemists at the different experimental stations in
the United States. Neither is there any danger to the United States, Neither is there any danger to
stock, for when four times the ussual amoulut on


 bud moth, fern sulus etc.. Forr insects whec in ive







 noticed in offtificint nice numbery, whene wer they yre Oster hhell hark louse is one of the vorst pests of

 the dried up body of the femanale insect, ite neath) Which will he foudd a laye number of whito evprs


They then climb up to the young wood, where the
bark is tender, and throuyh it they insert their
 Temain fixed by their beaks, sucking the sap out of

 parent scale,
Spraying with copper compounds for the pree
vention of fungus dseases is sapidid gaining in favor, and the value of these remedies has bee shown, not ouly by the experimental stations, bit
also ty the fruit trowers in the inproved qualit and appear ance of theie fruit
Prof. Craig. Horticuluturist of the Experimenta
 frona which we take the following :A complete spraying outht, including chemicalse
might be purchased by a person who would be pre
 titated figure per tree. If this system of combating
fungus and insect enemies was introutueed, it would
 now connected with the work, and spraying would
rovably in a few years, to the great benefit of


This mater be prepared by dissolving in a barre four pounds of popedered copper sulphate ith
another vessel slake four pounds of fresh lime with as many gallons of water. Spread a piece of coarse sacking, helld in place by a hoop, over the top of he barrel in which the copper sulphate has beer
issolved. Strain through this the oreamy mixture
 Ifter which the barrel should be filied with water
 Worn, bud moth, and canker w.
used soon atter being reparad.

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\begin{aligned}
& \begin{array}{c}
\text { Coppoct ciar } \\
\text { Water } \\
\text { Watial } \\
\hline
\end{array} \\
& \frac{A}{\substack{\text { Amoniz } \\
\text { whater }}}
\end{aligned}
$$

MMONAC
arbonate
and.....
This is suore expensive than the t...
 asily applied, and is used as as anbstitute, especially
nthe case of grapes, where the Bordeaux mixture
 te in the emmmonia and diluting with water to ofifty gallons. The concentrated solution should be porred into the water. Care should be taken to kee TREATILETT OF APPLER AND PEAR SPOT. I. Be fore growth begins in spring, spray with a
solution of copper sul phate, one pound tofity gallons
 The foliage hasa appeared.asi it will severely injure it
S. Just before the blossoms open spray with
 lossoms have fallen, and make a third application
wo or three weeks afterwards. If the season is wet and rainy a later application may be advisable. If Paris green is added to the two latter applithe Codling moth also.
GRape diseases-( Downy Mildew, Blackrot,
Spray the canes ith copver sulphate, one pound
fifty gallons, before growth begins. Follow thi solution with diluted Bordeaux mixture (omitting Paris green) or ammoniacal copper carbonate in
mediately after the fruit sets. Repeat at intervals of three weeks, till the bunches begin to color-
Ammoniacal copper carbonate should always be Ammoniacal copper for the later applications.

$$
\begin{aligned}
& \text { PLUM AND PEACH ROT- (Monilia. } \\
& \text { Without being fully tested, the followi }
\end{aligned}
$$

of treatment is ecomy tested, the following course soon as the fruit sets with sulphate of copper, three diluted Bordeaux mixture to which Paris green has been added, for the purpose of checking attacks is sometimes the case just before the ripening of the fruit, spray again with sulphate of copper sol Gooseberry MILDew.
This disease can be effectually treated by using
either ammoniacal copper carbonate or Bordeau either ammoniacal copper carbonate or Bordeaux
mixture (No. 1), bnt as potassium sulphide (liver of sulphur) serves the same purpose, is somewhat cecommended here Dissolve wenty-five gallons of water.
Treatment should commence with the first sign of growth, and continue at intervals of ten
twelve days till five or six applications are made.

Chemicals for spraying c from most druggists. Pumps of all sizes are offered racturers, at prices ranging from $\$ 3.50$ to $\$ 10$ or $\$ 12$,
The barrel pump may be mounted on a stoneboat cart or wagon, as convenience or circumstances
may suggest. Such a punp may be fitted to a ing twelve dollars. The copper knapsack pump, Cuerator, has a capacity of four or five gallons, and growing plants, such as grapes. currants, goose-
berries and potatoes.

## Horticuitural Notes.

All grape vines not already pruned should be at once attended to.
Spray your fruit, trees this spring; it will pay you. Dissolve one pound of sulphate of copper in
barrel of water and spray early, or before the foliage appears. After the blossoms drop use the following formula :- -Sulphate of copper,
slaked lime, 2 lbs.; Paris green, $1 \frac{1}{2}$ oz, water, 22
wat slaked lime, 2 lbs.; Par applications should be made at intervals of ten days or two weeks.
Red Raspberries should be cultivate
Red Raspberries should be cultivated very early in the spring, and all suckers not required to form show through the ground; if they are kept well cut
off early in the season there will be little trouble off early in the season heril apply to Blackberries as well.
Raspberries and Blackberries should be transplanted as early as possible to obtain the best
results. If you do not get enough transplanted early, try leaving a few suckers or sprouts to grow, and when they are about one ton high, transplant with cloudy day method than with the early spring setting. If you wish to spray your trees or he blossoms drop, leay oz of Paris green to twenty gallons of water is sufficient. No good will result from spraying before the fruit is stung by the curculio, as it is the larva stings the fruit. You cannot poison the beetle.
Growing fruit at the present time requires much study. Insect enemies who are willing to fight them can grow fruit profitably. Were this not true, everyone could prot for it Try an Essex guarded hoe: they are the best I have tried for allkinds of hoeing, where there are no large weeds; more work can be done in a day, and seedsmen now. Ampelopsis Veotcr a brick wall, it clings fast, and will cover a wall more evenly thatumn.
Shaffer Raspberry should be more largely planted for family use. There is none more pro-
ductive, and the fruit continues to ripen for a long time. The fruit, however, is a dull purple and except where you can deliver the fruit directly to sought after, especially for canning.
The busy season for the farmer begins this month, and too often the garden patch is left as a
secondary consideration. It is the general belief secondary consideration. th is the gene to plant
among farmers that they have not time
and care for a good garden. This, however is and care for a good garden. This, however, is not pay him the best. Wart of forethought and knowledge how to manage a garden is perhaps the greatest cause of failure to have them. While the garden may not be a direct source of bringing in
the dollars, the whole family will receive a direct benefit which will equal more than twice that they will receive from the same and farm.
stowd upon any other part of the fall
stowed upon any other part of the farm.
The land for a garden should be prepared in the
fall, so that all it will require in the spring is to cul fall, so that all it will require in the spring is to cul-
tivate and harrow well, then mark off in rows far enough apart to cultivate witita a horse. Select too thickly or the young plants will be so close to-
gether that they will not succeed, and there is little time to thin them when it should be done. No greater mistake is ever made than to allow the
weeds to get the start of the vegetables. A stee toothed garden rake is the best hoe, if used just as
the weeds are coming up through the ground. A man can do as much in one hour at this time with a
rake as he can in half a day with a hoe after the weeds get up two inches high.
To start early Melons and Cucumbers, make a
few frames out of thin boards eight inches wide and just large enough to be covere pane of glass. Prepare good hills by digging out
holes one spade deep, then put in two shovels of well-rotted manure and thoroughly mix with good
soil. Then draw over this good top-soil without manure to the depth of two inches, in which to
plant the seeds. This may be done and the seeds planted a week or ten days earlier than it would answer to plant without the frames. In placing
the frames over the seeds, slant them to the south and draw the earth up nearly or quite to the top of the box on the outside to keep out cold. After the
plants come up they should be ventilated a litul plants come up they should be ventilated a little
during the middle of the day, if the weather is warm. It is surprising how much faster they will grow under glass thus protected than they wil rot. Plavina Trees. - The best time to plant a tree is just when ther are starting into growth; at this
time ther are full of vigor, and every effort is put
forth to make srowth. If left a little later, or until growth has taken place, part of the energies has start into growth much earlier than others, hence
require to be planted earlier. Most evergreens are

April 1, 1893

| late starting and can therefore be left somewhat later. Many people have retommended June as the best time to transplant an evergreen, or when the new growth is two or three inches in length. It can be done at this time successfully, if careful attention is given, but it is not as good a time to transplant as stated ahove, just when growth begins. Many trees fail to grow, from the fact that |  | to how much) is now the universal question. <br> Prof. Robertson, the Dominion Dairy Commissioner, recently returned from a trip to England, brought a hopeful message for the farmers of Ontario. Our cheese still holds its place of pre-eminence. The British consumptive demand is for finer |
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|  |  | foods-finer butter and bacon-for which they will pay handsomely. In view of the fact that 87 tons |
| and sun while out of the ground. It somehappens that the trees are shipped in bulk $m$ the nursery with the roots exposed, but per- |  |  |
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| cated, for example, by the immense gathering held $\quad$ on land not any better naturally as much rent as |  |  |
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| a post, there ${ }^{\text {a }}$ door, in fact a number were actually crowded out, |  |  |
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| th; the greatest care in planting tion. Judged by these conventions and the local the necessity for improved and better equipped |  |  |
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| oots, and plant a little stock barn, with brick (cement plastered) siloes, will, $\quad$ripen the milk. A large sized cheese ( 68 to 70 lbs .) |  |  |
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| is used,and costly in Canada. than the hoop. Strong boxes should be used and |  |  |
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| roots. If put among the roots it forms a paste or address, felt grateful that farmers were appreciating great losses from breakages. Make them neat and |  |  |
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| dian or 5 inches long, the letters about $\frac{3}{}$ of inch in length. |  |  |
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| This summer fifty or sixty cheese factories would the side of every cheese, so that we may get the full |  |  |
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| with the roots of any tree, plant or shrub when Secretary Wheaton read a telegram from Hon. the box. By the use of numerous charts he out- |  |  |
| cially John Dryden regretting his inability to be present lined the subject of animal nutrition and the feed- <br> owing to the death of a relation, but conveying his   ing of dairy cattle. The main point was to keep |  |  |
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| Il the red cur- ing all the aid in his power. Mr. Wheaton, who is such foods as will promote the largest flow of the |  |  |
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| continued need for this Association to promote that enough seed for $2 \frac{1}{2}$ acres, at a cost of about |  |  |
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| at out and burned. The currant worm, that eats the work. Since his appointment he had attended farmers applying to him by letter or card at |  |  |
| $\square$ A tablespoonful of white hellebore, dissolved in <br> over fifty meetings, addressing some 4,000 patrons of factories. Everywhere he found an increasing <br> beans sown together, and Mammoth Russian sun- |  |  |
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| ve usually found one application each be sufficient. With a little attention we |  |  |
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| be sufficient. With a little atten just as large crops of this fine fruit |  |  |
| cheese factory by the fat percentage was a fair and the silo with 2 or 3 inches cut straw, and longer |  |  |
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| what will cure warts on cows' teats, and oblige, Milk. Fat. Fat. Cheese. Cheese. perib. Fat. Price. per loo more cream out of "stripper" milk than deep set- |  |  |
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| there is any matter in it, cant say how it came, ertson's estimate is that every two-tenths of one the winter.-EDitor.] |  |  |
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|  |  | $\mathbf{S}$ |
| by the iodide of potassium treatment.正 ject lesson he displayed on the platform two cheeses, against the cry of "hard times" among farme |  |  |
| small and before the bone is diseased. |  |  |
|  |  |  |  |  |  |  |
| time, contained about the same amount of moisture. |  |  |
| blimate, one part to a thousand of water. If care At three weeks old the 3.9 per cent. cheese weighed were living far more expensively. They should in- |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| drachms, accord- the whey was not in proportion the |  |  |
|  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |
| and good dairymen went together. Patrons wirely black, giving very rich milk. He tested one |  |  |
|  |  |  |
| thoroughly, else the cream would rise and become going 8 per cent. fat. They were descended from |  |  |
| its feed it may be given in bran mash; if not, it will ple of it would not be got for the Babcock. He took tity of butter. |  |  |
|  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |  |  |
| heifer is a very valuable small dipper holding about a gill. This system huge piles of boulders (called gravel) in the middle |  |  |
| one, we would not advise keeping her for a cow: <br> The above will also answer Mr. Quail's question. <br> We would like to hear from any of our readers who are trying the iodide of potassium treatment as to their success. <br> would prevent adulteration. It would tend to im- $\begin{aligned} & \text { of the roads in } \\ & \text { rested and fined. }\end{aligned}$ provement, that was sure, and consequently there should be better returns. No one desired to force this plan on th patrons; it was a matter for them <br> Dr. McKay, M.P.P., of Ingersoll, also spoke in favor of better roads, and congratulated the dairy farmers of Oxford on their progress. |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |



| FAMILY CIRCLE. | $\underset{~}{\text { u}}$ | THE QUIET HOUR. |
| :---: | :---: | :---: |
|  | thatsa long way,.. said he. "I daresay he thought he |  |
| hat shall I wish thee for the coming yea welve months of dreamy ease? No care? | ht get a job there. <br> That seemed likely enough, so I thought no more about it |  |
| Sright spring - calm summer-autum of bitter tears? Would'st have it th Of bitter tears? Would'st have it th | But the children were greatly disappointed when he did not come in: they were all exceedingly fond of him. | all, |
| hat shall I wish thee, then? God knoweth I could have my way, no shade of woe ould ever dim thy sunshine; but I know ong courage is not learnt in happy sleep. or patience sweet by eyes that never weep. | rongy yet. It must have been near nine oclock, and oor, and I says to Matthew, ‥There comes (ientleman had when in he comes, and I saw at once that something | eur but for littleness ; and less aven's sunshine but forshade. |
|  |  |  |
|  |  |  |
| And afterwards the peace of |  | Let that thought blunt the stab of failure's pain. <br> Carrie blake Morgan. <br> -From IDemorest's Family Magazine for March. |
| HE STORY. | me ny | Attractions of the Bible. |
| Mrs. Goldenrod's Boarder. |  |  |
| where he came from, we could not tell. He rang our bell one terribly stormy night, and there he was, standing out in the wind and rain. <br> Can you acommodate me with a night's lodging!" he asked. | $\begin{aligned} & \text { ed } \\ & \text { ve } \\ & \text { ne } \\ & \text { ne- } \end{aligned}$ | hopes of immortality, the Bible has merits of ery highest order: and these, with every serimind, will be, as they ever ought to be, its |
|  |  |  |
|  |  |  |
|  | an eveningilye brought home a violin. <br> "Where did you get that, George?" asked I, wonderingly |  |
| grateful. And thourh he broust |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| bet io haggard and withal pretty was a picture. |  |  |
|  |  | e |
| is | so that it almost made us crr. <br> n beautiful, and slow, and feeling, | ch |
|  |  |  |
|  |  |  |
|  |  |  |
|  | their mouths, and their bare feet on the cold oil-cloth, were the |  |
| He started as |  |  |
|  |  | all time to come, his most effective civilizer in ever |
|  |  | rk abode of heathenism throughout the world. |
| Butail tomper, worre not a wery dectur pa- |  | d |
| "On, youre weak and low spirited now, and don't see things |  | s |
|  |  | is |
| , |  | of |
|  | the boys following hard athis heels, laughing and chattering'like a couple of magpies. |  |
| It was onl | "And now you can guess what l've been doing all day," | timated. As such, it has claims which commend |
| man George, IAnd me in the room with my sewing. up to sit with him, less he should feel lonely). | $\begin{gathered} \text { sa } \\ \text { st } \end{gathered}$ |  |
|  |  | - |
|  | that we've heard playing about town the last fewdays. That's |  |
| Polly look cares to he | my new |  |
|  |  | reciated even by the irreligious and the |
| make friends. |  |  |
|  |  |  |
|  | ta | ry of Jerusa'em, even so is the Bible now |
|  |  | the |
|  |  |  |
|  |  | come down from the past. It stands to the |
| оul |  |  |
|  |  | bol of all greatness. It is the shrine of all good. |
| something else, that the poor fellow might thimk hathed |  |  |
|  |  | , may all look up |
|  | It is pretty but at tracts more attention than like beink a quiei | broad domain of nature, or upon the blue |
| , | thangand homd't athe trying oh sut the work is light, and | vens above. It is common property. It is all |
|  | with the tid | ngs to each of us, because our |
|  |  |  |
| it. "Thanksare all that 1 can give you just now." he went on. |  | in beauty at our feet; the same heavens en- |
| repa |  |  |
| remay <br> Ibont you worry a <br> Ibon't call me sil |  | all at home, for (iod, our Father, is over all all. lee Roy J. Halsey, D. D. |
|  |  |  |
|  |  | his own, but keeps himse |
|  |  | God's work. St. Ignati |
|  | the stories hed tell of his "experiences," as he called them, and mighty queer experience- some of them were. <br> \|TO BE costinted.| | First let our own inner life be real, and then we may try to draw others to share its sweetness, its comfort, and its battle. |
| a-hatued of |  | When we have yielded ourselves to Him, body, |
|  |  |  |
|  |  |  |
| hight atter night. At last Mauhee and Imade lopd to tell him |  | latent spark in others. |
|  |  |  |
|  |  |  |
|  |  |  |
| deck again | iswe not in doing oo no more. | hen we have that to look for, how little does an |
| and with that he kor up and |  |  |
| ins on h | trusted. however fime she may look in the | od's will must be everything to us, not our ; though we are sometimes tempted to ask for |
|  |  |  |
|  |  | mim firmly they never fail but |
| atmong hi--ome wher |  | (o filfilthen, and He will. |
|  |  |  |
|  |  |  |
|  | good cense. The wordsare. I wat wrong." |  |
|  |  | lieve. live, be free." Carly/f, |

MINNIE MAY'S DEPARTMENT.

## Our Irish Letter

Dear Canadian Sisters and Brothers
I can scarcely realize another month's having events lately crowded on me, and I shall tell you of a few.
I suppose youhaveall heard of the celebrated Sans. Souci Diamonds, which wereamongst the plunder, in fact amongst the crown jewels plundered during he French of the Louis'-(I forgot, which). They were worn last month at our Queen's drawing-room by a lady,
a Mrs. Aston. I should like to know how she beMrs. Aston. I should like to know how I she we are verging towards a revolution here, though that
is too tragic a name for what might look like one when only seen in print. We are mere wind bags, way we respectable ladies and gentlemen are being
bullied by this Home Riot atfair. Some call the thing Home Rule, others Home Ruin, but I have nented my own appellation, which is Home demonstration here in Dublin on the 17th. I suppose the secretary cannot see his way to grant ing my request; however, it may come, and if it does I shall have a
The vice-regal people held a drawing-room last week. Many personal friends were there, but they ccount of it it was mere wreckage people odd, dresses odder, refreshmenents oddest. 1 wish our
dear old Queen would come amongst us, and hold something of the kind
I played Patrick's Day for the last time the night we heard of the "Riot" having had its first again. I think myself a plucky little woman writing in this way. Perhaps my letter will not be
taken, but please, dear friends, do not blame Minnie taken, but please, dear friends, io not II am a very May for any shortcoming of mine. flady, and am given to form opinions for myself, and stick to them.
Excavations for sanitary purposes were lately ordered to be carried out round St. Patrick's Cathedral. When digging the men came across one pillar, then another, and so on, until the shape of a
church was discovered, and some of the walls. I've looked through this morning's paper to see if any see nothing of it. A thing of this kind sets on
thinking. If the antiquarians, who may reot out thinkig. their own satisfaction. the when's and why's o this underground curiosity, give us ignoramuse the benefit of their research, 1 hope the ending may upon the landmark in Pick wick's Papers, where Mr.
Pickwick gloried in discovering the ancient cross Pickwick gloried in discovering the ancient cross
with the inscription which he hoped would immorwith the inscription which he hoped would immor-
talize the finder, but which when interpreted correctly was only "B Bill Stumps, his mark."
The wedding I spoke of as coming off came The weding I spoke of as coming off came, and bride (not pretty because she was one, which compliment ope is apt to pay brides in general, but be-
cause she is sweet to a degree) was obliged to have six little train bearers-three miniature Lord Fauntelroys, and three little Red Riding Hoods. We returned to the dejeuner, which passed as all things
of the kind do. 1 thought it touching to see the of the kind do. Ihought it touching to see the humble servant) give her only daughter away. She is a widow, so there duty off her shoulders. When it came to going away time, all we guests arranged ourselves down each side of the broad staircase and hall, with $\underset{\text { with dreadful looking old shoes ready for a rush to }}{\text { rice }}$ the front. After a little while the murmur rose, "she is coming, time is up. Then from the upper straighty through the hall door, down the steps, into straigariage, the very brightest looking little girl
bride I ever saw. She said during the morning that bride I ever saw. She said during the morning that
she felt that she was not like the correct thing. she felt that she was not hike che correct thing.
She could not grow pale, her brunette complexion
and soft brown eyes were things of beauty to beand soft brown eyes were things of beauty to be
hold. Her cousin, on whose arm the rush wa hold. Her cousin, on whose arm the rush was
made, is a " McNeill, of Park Mount," a name per-
fectly known in "upper ten" (ircles. He is familmade, is a "NeNell, of tark" circles. He is fanil
fectly known in "upper then
iarly known in the nort of Ireland as "Long Ed. He is an Edmund Mc.Neill, and measures six foot he holding the end of her long travelling cloak over
her head with the hand of the other arm, to save her her head with the hand of the other arm, to save har
face from the showers of rice. When they had only been away a few minutes, lo! an alarm to re-
turn. What has happened? (Quite an excitement prevailed for a second or two, but it only turne forgotten, and they returning for it. This bag was torgotling present from Lord Cairns. Lady Cairns
a wad given carte blanche for "Mannings" own had given corte in the beauteons white corded silk wedding a husband I was satisfied to pend a dreamless night.

World's Fair, I wish they would go and see an
Irish jaunting car, Irish horse and Irish man, who
 where I hail from, or, I should say, from near stian
organ. The man's name is Byrne, his trap is a clean orga.
specimen of our Jarveys. I advisedly say "
an son as some of our Irish cars and cabs are not so.

## Dress

by jessie j. lambert,
For the apparel oft proclaims the man." Did you ever consider telys. So far as dress can im-
reflection of ourselves. prove our personal charms, I can understand the
love for it, for then it tratifies the desire for admiration, and, to a certain extent, is not blamable, ar persona a treactions are the gitit of Providence
and thereore to be estimated in due proportion to heir worth. The earth is not cood for man pronipiple of producing so much food for
bodily wants; it has its cornfields, but it has also its wild flowers, on hill and moorland, to give us a
Sense of simple and touching beauty
Every sense of simple andieve in the science of human
woman ought to belien bomant, and to cultivate it they should make the
most and best of that which nature has given most and best of that which nature
them. I am a believer in the right of a woman to look her best; ;it is not only her right, but it is really a duty for the mother of children to dress
well and look her best; she should be to them the deal woman, and ideality and slovenliness neve yo together. A dowdy woman sedom has
funence; slovenliness spreads to everything slovenly dress helps to create a slovenly ming
disorder without
means confusion within. neatly dressed person always meets with a respec which a slovenly one cannot demand. The art of
dressing well lies in wearing that which is suited aressing wel
both to the time and place, and to one's position in life. It is not necessary that a person should be
dressed in costly garments, or that they be made in the latest style, but it is necessary that they be clean, whole and appropriate, an at least passably
able that they be becoming, well-fitting. To be well dressed is o be com's self, not ill at ease and likely to commit any mistake for which one would feel ashamed after wards. Good dressing means propriety, not necessarily expense
No lady need be ashamed to dress plainly and cheaply. Not every woman can dress well, with even reckless expenditure, but a cever woman can There is a class who innocently wrong themselves by their dress. If a woman paints her face, dyes her hair, and draws in her waist, she may no
be morally bad, but she will be quite sure to be mistaken for quite another person than the lady she is.

The woman who delights to array herself in cheap laces, sham jewelery, and inferior silks,
generally as artificial as her attire, lacking the generally as artificial as her atire, ack ang he
ring of sincerity. just as her garent lack the
marks of genuineness. She is commiting a marks of genuineness. She is commiting a
grievbus wrong when she centres all attention on he feathers that bedeck, and the flowers that will
 and love. A vain woman is not lovable, and has been said to have many points in common with
that most unmusical of fowls, whose beautiful plumage does not hide his ungainly feet nor overis nota becoming sin. The inordinate love of adimiration is indicated ly an undue attention to dress. The foolish mother spends her ill-spared pence to press on the child the pleasure of putting it on for The first time. The untidy school girl sticks an
artificial flower into her torn and dirty hat, and exults over her companions in ideal splendor. A tinery, and goes without deecnt and necessary cothing. A little older and her wages will no
suffice the growing desire, and theft. iniquity sufice the rurowng de are trire be traced to this propensity. The inorrinate love of dress and display which young women cherish, and the the gimity
ministering to their personal vants lery many into a reckless and heartless staite, and to an
utter distaste for the things which would profit utter distaste for the things which would
their spiritual, intellectual and social nature

Some Queer Advertisements
CRabies taken and finished in ten minutes by a
country photogranher Wanted femule
Wanted-A fenale who has a $k$
For sale-A handsome piano, the property of : ase with turned legs.
To be sold-A splendid gray hovec calculatel
or a charger, or would carry alady with a switell tail. lady advertises her desire for: a hustand "with A newspaper gives wh atcount of a man who
"was driving an old ox when he became angry and kicked him, hitting his jawhone with such force
as to break his leg."

UNCLE TOM'S DEPARTMENT.

## My Dear nieges and nefacin




So writes an American poetess, Mary Mapes Dodge. Ou feelings keep time to the words, for who is not glad when winters sushind and showers
breaking and Springs winds suns appear: These are soon followed by leaf and bud and blossom, and soon we will be ushered into
and
sild summen, and the blue flag in the swamp. Your city
bloom, cousin, buy iris bulths from the florist along with
their Chinese lilies and hyacinths, and what do you their Chinese thines ant to le after all their watering and sunning and care? Merely flags, not so pretty nor so lasting as those you see down there where
the cows are eating by the creek side. "Once upon the cows are eane stories we used to like to hear hegan, a little girl used to feel baddy over the fact that she was not prety. This shiny ch oniony-
presented by her teacher with ard ordinary, and looking bulb and asked to give it water and sun-
 in perfume. As' she watched it unfolding day by
day what lesson do you think she learned? this: unsightly surfaces may cover wonderrul pos
sibilities of life and beanty, and we hope he sibilities of life and learn, as we grow older, that
learned what all of us learn and beauty lies not so much in face or figure, grace or carriage, as in thoughtful common sense from
which come kind words and actions.
These bright whing evenings bring many memories back to us spring even as we sit and hear your merry voices at
older folks your, play-memories which he too deep for te even-tide recalls. "History repeats itself," even in the lives of persons, and as you rake the lawn, make your gardens, drive your farses, separated did similar things in other days. Not one sound of enjopment would I hinder. The days are going by-
even to-morrow you will be older than to-day; but even to-morrow you wif be orde has been too long
Tm a fraid Uncle
Tom's reverie to-night, and lest he weary you with his som
tone he will close. P. S.- I want to remind all those who have not
yet sent their photos, to do so at once if they wish to appear in our "souvenir Group," as I hope to to appear in. our Sostribution early in May.
have the teady for diven
I have been much gratified at the interest taken in thave been muct grations for the .? Poet's Corner." I have been in selections dor the we with bushels of pooms, but on
literally delued wit account of the space occupied in publishing the
three selections, henceforth will be unable to obtain room in our, department for more than one
rolection each month, which, of course, will be en selection each mine of , which,
titled to the prize of one dollar.

## POETS' CORNER

Selected Poetry. The poems of Alice and Phobe Cary were pub-
ished in a joint volume during the lifetime of the sisters. The first venture in this way was made is 1819, and the large public interested in their work
has ever since then instinctively connected writers who, bound together by peculiar ties, were as aki and difergent in their natures. Subsequently
to the first venture they issued their volumes poetry separately, but ${ }^{\text {a ifter the their death the edito }}$ poetreis separitigs, Mrs. Mary Clemner, again asso
of ciated them. Her memorial contained their later poems, followed by the last poems or Aola
Phowhe, and finally by Ballads for Little-Folk agai a joint collection. Alice Cary was torn 1820, an the authors of many beantiful gems of poetry. In ported themselves by writing poems and prose
sketchesfor newspapers and magazines. They died sketches for newspapers and magazines.
in 1571 ,within three months of each other.

## nonthls of "Nobility,"

## True worth is in being not seeming Th doing each day that goes by



We get back our mete as we measure-

 Tienn in he papeon of tory
 That nothing ons to torreco no honor

























































William Cowper
born 1731, was the poet of the religious reviva
of the eighteenth century. His most important poem is The Task, in which praise of the quiet country life which he loved is mingled with reftections upon religious and social topics, and satirical
touches upon the fashionable vices and follies of his time. He was of a highly sensitive nature, and was subject to fits of melancholy, which cast a
gloom over his whole life. The chief characteristics of his poetry are clearness, simplicity and fidelity to nature. He departed this life in 1800 , leaving be
hind him noble foot-prints in the paths of time.

The Negro's Complaint
Forced from home and all its pleasur
Africas coast lleft forlorn :
To increase ast ranger'streasures,
Oer the raging billows borne.

But houph save the have enrolled me.
Minds are never to be sold.
still in thought as free aryer
Me from m Melightsosever
Me to torture me to tak?























































But, oh! what crowdis in every land
Are wrethed and for forlorn!
Through weary life this lesson learn
That man was made to mourn.
Oh, death ' the poortman's dearest frien
Whe kind
Arome the hour my aged limbs
The read with the at rest :

"Song of Death."
Tise evening on the battle field, the woumded and dying of
the victorious army are supposed $t$ jo join in the song.

Our race of existence is run !

Then strickest the poor peasant he -inks in the dark
Tho trickert the yone hero a aloriou* mark:
He falls in the blaze of hi* fame.



Puzzles. 1-Docble letter enigna.
 In the. wintors, chilling barast, I,
Merry springtime's here at last. In the whispered fond "good night
 Hidden 'neath these lines doth lie
A day we all should glorify: Tis hallowed of orits sanctity,

$$
\stackrel{\text { 2-Charade. }}{\text { nione }}
$$ One day 1 spied the Advocats

With puzzles FIRST galore Though of puzzles there were many
Of puzzlers there were more. Ow I thought it was second crime puzzlers, if Uncle Tom
Should take me by the ha
Some of them may be wealthy,
Some stay a while, then go awe,
of steady puzzers we have four.
Miss Armand and Miss Lily Day,
Mr Edwards and Fairrother,
Hut here! I did forget Fred Hall,
Henry Bobier and G. W. Blythe,
Гquite forgot them too.
see Minnie Mays essayists have done wrong
Not so with Uncle Toms crew.
They are complete of such things,
I am very lat o say,
But think flam taking up space which might
Be u ued in a better way.
3-Enigus.
It's taken with us when we die
What some almost
What theme miser gives pawsess,
He can do nothing less.
The prisoner says it in defense,
When placed beotere the bar;
What some moy
What some may be to otherer,
What no one cares to work for;
What everyone should owe;
What you now stand in need of ;
I trust it may be so.
Now, as the first of April is here,
Dont put yoursel e8 about
For should you fail to guess this,
You will be for
Y
Geo. W. Blyth.
Come all ye honest puzzlers,
Wh to the Dom belong.
Sen
Send in your littte bitoo of verse,
And help the cause along.
Come let us see, for ninety-three,
Who doth comprise
As we speed dompris, thid breakers strong
With " Uncle Ton,", our captain long,
And a boat so tried and trusty,
Well get whons, I calculate.
"Miss Lily Day" stands at the helm,

- Sir Henry Pheover " you cook all perceive,
Doth keep the log lor book).

The cabin-boy's " "Blyth" younk man
Who answers ".Beck" and call;
Miss Smithson "t the the bun said,
Come up rinsT, you, " ${ }^{\text {Ered }}$ Hall."
Friend " Robier," too, a jolly tar,
Is in the foremost watch;
But "Md Wards, ", Lest three months have flown
Hath slipped beneath the hatch.
Fair Brother.
One day as Pat rick was sitting complerte a load of hay ;
The Wavery novels by sir water scott reading;
Ada Armand came Prime that way
Said vhe, "A riddle I've got, Sir Pat, for you to solve to-day."
"My time I canuot waste," said he,
" In ,
Butving a trick for you just now
 6-anagram.
in a prison cell
Auwnand wion
$y$ first in in our photograph
My third up neared; the these-top
May often be perceived:
My fourth is arceometrical figure
My fift an anmal wild
By sixth may beal

8 enigma.


Answer to March First Puzzles S Patrick- a trick trick rick. ${ }^{2}$. In-mat-iate-insatiate.
sir Writer -cott Wiverly Novels.
4-Ada Armand.
5

Names of Those Who Have Sent Correct Answers to March ist Puzzles


A Paper on Horse Breeding and the Treat-
Rent of Brood Mares and Foals.
Fead before the Brandon Farress Ind Intitute by T . M.
The subject for orcivial. Brandon. such magnitude and importance, relating, as it does.
to the noblest of aimals relegated to the service or to the noblest of animals relegated to the service o
man, it is impossible in one short paper to give any thing of a detailed account of their breeding management ; I will, howe ver, endeavor, in as plain
and concise a manner as possible to tourch prin and concise a manner as possible to toteh upon
some of what I consider the most important parts
of the sulject of the subject. It is only by it thorough discussion and getting the experience of each other, we can
obtain the best results. First Do not recongize luck in hreeding. "Luck
is a fool, pluck is a hero, is one of the
 central figure many edifices of success ha ve been
reared.
 her saucy, harder than ever to win." And wo it in
in all enterprises, espepcially soi in breeding of horsee. in all enterproses, especially so in breeding of horses left the majority of would-be horse hreederst in this
province with a large number or province with i large number of nondeccript colts
on their hands. which will be difficult to sell price to cover the cost of rasing- in foct in the the
present state of the horse market, difficult to sell
at any price owhereas



 and ne
ideal.
Second (and of paromount importancer) Never
breed an unsound natre mor use a sirere that is mesoumd breed an unsound mare or use a sirpe that ther unsound (sy the terrm unsounc, thean any hereditary un-
soundness) : if you do, the chances are yout have an unsound offspring.
Third Use Great care in the mating of your
mares. There isow in this district a sufficicient
variety of stallions to suit any mares. There is now in this district a sufficicint
variety of stalions to suit any class of maires : there
is therefore no is therefore no excuse for a mian ussing an unsititable
sire. Take particular notice of
 mare bet ween ten and wevere hundred, $i$ would vise a Hackney or Cleveland Bay, and the result would be



$\qquad$ to interfere with them unless n bsolutely necessary,
though they should be correfully watched, so that though they should be carefully watched, so that
assisfance can be given if required Carefully watch your colt for the first ten days,
and see that its bowels act properly, as the first ten days are the most critical in a foat's existence. If yoin can get them oner the first ten days, they
istuall| rec,urire very little attention, if the mare is fel jundiciously
The nater should le fed some two or three weeks
betore she is due to foal and some time after soft betore she is due to foal and some time after soft
food, such ans boiled oats, bran, and linseed that has been boiled for 12 hours or longer, so as to loosen the system and provide a generous flow of milk. If from some calte the enare in oow's milk , one-fourth
milk, the best substitute is cof water and a tablespoonful of honey to a pint of milk.
principal ailments a y young foal is subject to. The two first carreful treatment will overcome; the last is, The following are well-tried and the best remdies that have come under my notice :-Costive ness Rectal injections of luke-warm water every
half hour. or syrup of rhubarb with a few drop
 powerfully than injections, and the advantage i. Diarrinca should not be stopped suddenly. tabl sponful hrandy with half a teaspoonful of tincture
of gentian and two tallespoonflis lime-water, in a cupfal of linseed tea every three hours. Inflammation-Apply blanket, thickly folded and rungl out in very hot water, to belly; ; rub the legs
well:
sive texispoonful laudanum din
2 water. Repeat dose in two hours if necessary.

Every yearg it esems harder to get agood man, or
men, to work on tarm, even at the present higl men, to work on a farm, even at the present high rate of wages. There ale so many avenues open to
latorers here- the rail ways, the bush, city work on sewers, etc., all at far greater wages apparently
than the farmer offers, or can offer that farmer: find it very difficult to get sufficient help instances it will be found that the high-paid rail way lalorrer is penuiless in the winter. the quarryman is loafing round some tavern, and a great array of un-
comployed $"$ bone and sinew $"$ is in receipt of relief in winter. If these men will only try steady work for farmers, and work as frithfuly on the land as they hatw heen dongy elsewhere, they will be more
conitiontable, live better, bee better treated, and nol uror: so hard as they have to do at chopping, shovel work on a farrind ing the winter for \$10 or \$15 per
month, than to beg for relief from the city relief "ommitte after having spent your summer's earn ings in riotous living, I hope that some better
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