ck rearing than tock. Of draft The possibilities iorse values are sent discernible and commercial bound to be on our farms o revolutionary al businesses in pportunities in they have been here can be no breeding of the

35 Iberta, asks us ness in mares contributed of

eriences. permanent, is v depend upon y cause permaaphrodites will and hybrids selr to mares that althy. Mares 1 they have bestud, frequent nat have bred o reach an adi, will often fail i these cases is ins having lost it of function.

ses, has a temment, influence influence disap-

erility, but this avorable condis, do not breed se in moderate case with very ng these causes

not breed with a quiet, gentle me that, with exertion, even ier, and allows urs.

lerative organs, erus or vagina ese diseases beermanent sterrently interfere ilness in other e often present iring either too f the other or eption, may be the periods of

cause of steris a spasmodic gh the neck of events the ene, may be artipregnation can
The most popuws: A rubber g the semen is

through the os uteri into the uterus, and then boiled oats. shoves the piston and forces the contents of the The swelling along the belly was not unnatural, Two good horses from Saskatchewan found pursyringe into it. It is possible to impregnate it was simply the enlarging of the milk veins, and chasers in Manitoba. These were Black Ivory copulation, if the mares are in a proper state of As a rule, it is not a good plan to interfere with Borcheskie, which went to Douglas of Swan

March 24, 1909

is a chronic closure of the os uteri. In all cases lacked exercise, or are in high condition. After Washington, are proving quite capable of passing

ordinary yeast cake sufficient water to moisten, rather too much by injection. The turpentine and allowing it to stand for twelve hours in a also was not necessary.

In your issue of February 10th I notice a letter from Mr. Armstrong which I think needs very little of my attention. I had the pleasure of seeing these moderate temperature. Then add, with brisk. Of course the treatment we have given will not

Unfortunately, there are many obscure and un- out in a rain is liable to set up scouring. removable causes of sterility in females. When the general appearance of the animal is healthy,

## Treating Constipation in Foals

EDITOR FARMER'S ADVOCATE:

also placed hot salt bag around its body as it lay. The foal being very hard chunks. The second foal was bright for manifestly a necessity from year to year. nearly two days and then took sick like the first one, so I gave it the same treatment as the first,

told me that feeding the mares brome hay was the cause of the trouble with the foals. I should 10373—, is an example. like to know if that is true, also your advice

would tend to make the mare and also the foal impose upon them. constipated. It is quite probable that these mares did not get sufficient exercise, during win- Secretary, the Clydesdale Horse Ass'n. of Canada.

tion mentioned. The operator, having disinfected ter and they also had more dry feed than was The first foal of the season is reported to us by his hand and arm, introduces his hand into the good for them. When grass is not ready, it is a Wm. Smith of Balgonia, Saskatchewan. The vagina, and inserts the nozzle of the syringe good plan to keep the system cool with bran or youngster arrived March 8th, and is doing well.

foals, but it is sometimes necessary, especially River. Probably the most common cause of sterility when the mares have been on dry feed, or have where mares repeatedly fail to conceive, it is wise a foal is born there should be no hurry to get him upon Clydesdales; not so fanatical about fineness to examine the os. This is done by inserting to suck. If he gets the "dry" within an hour, of bone, cleanness of joints, and silkiness of the sterilized and oiled hand and arm through it is soon enough. The first milk of the dam is of feather perhaps, but careful to pick a useful sire the vulva into the vagina, until the fingers reach a composition that starts the foal's bowels to with strong constitution and character. the os. In normal cases, one or two fingers can work, but it may be that the bowels are obbe easily passed through the os into the womb, stinate, or the mare has lost considerable of her but when there is a chronic closure, the opening first milk (colostrum), and the foal will fail to must be dilated. This can often be done by a pass. When the meconium, as the contents of burgh Agricultural College, delivered a lecture rotary motion of the finger, with considerable the bowels of young animals is called, does not on the management of horses. In the course of pressure. In other cases the finger has not suffi- come away in less than twenty-four hours, the his address, Mr. Porter discussed the question cient strength, and a blunt sound, about the size foal will likely show signs of trouble, and will whether whole oats and long hay were more of a catheter, or a piece of perfectly smooth, look dull and listless. Then the thing to do, is to beneficial than bruised oats and chopped hay hard, tough wood, or an instrument especially de- give two ounces, two tablespoonfuls, of castor oil; and he quoted the result of an experiment with signed for the purpose, is used to dilate it. There at the same time if the case looks bad, inject 6,000 horses belonging to the London Tramway are cases in which there is a fibrous growth sur- gently about two ounces of warm water and a Company, when it was found that the latter rounding the os, which prevents its dilation, even teaspoonful of glycerine. In about five hours system, with even a smaller weight of food, proved with the instruments named, and it is necessary there should be relief. In the meantime, it may a more efficient diet. He held that much deto use a cutting instrument. In such cases it is do no harm to repeat the injection. If there is pended upon circumstances, but certainly horses better to allow the mare to remain barren. When no relief in six hours, repeat the castor oil. Do which were apt to bolt their food, and young the os has been dilated, as described, the mare not overdo the injections, and do not dose a horses casting their teeth, should have the food should be allowed to stand for a couple of hours, foal with all kinds of concoctions, to relieve pain, prepared as above. and then bred.

Or with any other object. What is required is to little sclaimed that a common cause of sterility get the bowels to move. Rubbing will help a is an acid condition of the vagina and uterus, and little, but do not give hot drinks. In the case of that what is known as "The Vect Town of the vagina and uterus, and little, but do not give hot drinks." that what is known as "The Yeast Treatment" the foal that died, it is probable that treatment EDITOR FARMER'S ADVOCATE:

ready for use. During the early period of oestrum opposite of constipation develops, give another

## Clydesdale Certificate of Service

which were made last year.

I have two Clyde mares which both had foals certificate of the service of the dam, signed by the you must use the Shire and him only.

Vigilance in all matters relative to the regis-

would be helpful on the treatment of mares before in the vigilant care which the Clydesdale Horse foaling, as it is evident that the trouble exists at Association of Canada, as well as the National

J. W. SANGSTER,

Horse business was brisk at Brandon show. several mares with the result of the one act of is quite common in mares that are heavy milkers. which went to Perdue of Souris, and Duke of

Our own judges, Robert Brown and J. G.

Recently Mr. John Porter, B.Sc., of the Edin-

## The "Real Draft Horse"

moderate temperature. Then add, with brisk Of course the treatment we have given, will not wonderful classes of geldings judged at Carlisle Royal stirring, a pint of lukewarm, recently-boiled water, save every case of constipation in foals, but it is show, 1902. Of three-year-old geldings there were and allow to stand 8 to 12 bours. It is now the best that can be done in such cases. If the seven exhibited and of two-year-olds seven exhibited. I judged some of these prize winners at one of the North of England shows shortly afterwards so I this fluid should be heated to about 100 degrees dose of castor oil. The object is to clear the Fahr., and injected into the vagina, and a little digestive track of whatever is causing the trouble, ideal is. These are not the kind of heavy draft gelding Mr. Armstrong's ideal is. These are not the kind of heavy draft gelding Mr. Armstrong's ideal is. These are not the kind of heavy draft gelding Mr. Armstrong's ideal is. These are not the kind of heavy vanners. English streets, they are merely heavy vanners. Also keep warm, dry, clean and quiet. Being I had a friend who bought one of these identifications which was a prize winner at the Carlisle. cal geldings which was a prize winner at the Carlisle Royal show, when he was four years old for a little over two hundred dollars, therefore, I will leave it to the readers of the FARMER'S ADVOCATE to judge as attempts fail to cause conception, we are generally justified in assuming that there is some chronic as well as owners of Clydesdale stallions, should disease of the generative organs, that cannot be remember the changes in the regulations governing the registration of Clydesdales in Canada

to the Farmer's Advocate to judge as to the merits of Mr. Armstrong's noted geldings. Mr. Foster, I know, quite well, and the kind of horses he buys if he gets one anything like a drafter. For the sum of disease of the generative organs, that cannot be remember the changes in the regulations governing the registration of Clydesdales in Canada

"Whip." In order to record young animals in the have bred both, and my experience of thirty years Canadian Clydesdale Records, it is now necessary breeding, led me to the conclusion that if you wish to forward, along with the usual application, a to be able to produce these high priced "real drafters," last June. Seven days before foaling time (the owner of the sire at time of service. This certi- strong is a Border man I might tell him that the first mare going 14 days over due) I turned them ficate may be furnished simply in a written letter, champion gelding at the Carlisle horse sales, and one out to grass, and I noticed both mares had a or the common transfer blank may be filled of the highest priced horses ever sold in the Border swelling from the udder along the belly towards in as a certificate. Probably the more common City, was a pure Shire bought as a yearling and taken the breast. I would like to know if that is just a plan will be to give the certificate as a receipt for into Cumberland. It reminds me very much of a natural consequence, as I have not seen it before? service fee.

The many that are consequenced as I have not seen it before? service fee. The mare that was over due foaled first and the It should not be forgotten that the service over the Atlantic to advertise the breed; one of these foal was weakly in the hind quarters, and in a day atallier must be recorded as the property of the foal was weakly in the hind quarters, and in a day or so I noticed the bowels were constipated. I went to work with injections of a solution of very often this matter is neglected. leading agricultural papers in the old land, of one of castile soap and sweet oil, giving a dose of castor accepted. Very often this matter is neglected, leading agricultural papers in the old land, of one of oil and turpentine every four hours. The in- and when the animal has changed hands several the leading horse fairs held in Scotland, which proves jections seemed to bring hard chunks of dung times the situation becomes very difficult to my statements that any Clydesdales on London streets are only vanners.

"HALLOW FAIR MARKET.—This old-established a post-mortem found the intestines full of the tration of pure-bred stock has become more place at Ediphurch on The desired and Cattle, took The display of horses was much smaller than usual, In order to protect the integrity of Canadian and consisted for the most part of seasoned animals, registration, it has been necessary, not only to colts and fillies, which have always been a feature it about. The castor oil softened the dung and impose more stringent regulations, butin some in most former years, being scarce. As a whole, the finally I got the foal much better, and it is doing cases to prosecute, of which the recent conviction quality of the horses was not very high, although in of a Toronto horseman, on a charge of forgery most strings there were two or three outstanding I fed the mares oats, prairie hay and brome in connection with the case of the sale of a animals. A very good trade was experienced for hay occasionally, while working. Some person Canadian-bred mare, as Jean Austen (imp.) high-class horses. In one case a grand big five-yearold horse was sold at £78. Several others made Owners of pure-bred animals, however, will find £65 to £70. A good many more of this class could have been sold had they been available. Less outstanding kinds, making up £40 to £45, were not so easily sold, but all the same the bulk of the likely Live Stock Records Office, exercise over their horses on offer, were disposed of. A large number of These were simple cases of constipation in the records, a protection which will more than repay this class were sold to go to London and other parts foals, the brome hay was in no way responsible extra trouble which more stringent regulations of England, for van and fast lorry purposes. Twoyear-old colts and fillies were in keen demand, and prices up to £40 and £45 were freely going for these."

TOM RAWLINSON.