is welcomed by farmers and this makes it the to a growing colt. more easy for manufacturers to sell their engines and postpone the day when they will build motors to overdo the kindness, and rush the animal too registered Clydesdale mares, in this matter I am for the special purpose of doing the heavy farm fast. Such a practice seems to make it soft and only a probationer, and your readers (who happen work. For the engines that are used now it must flabby. There is reason in all things, and here, to know me) will do well to remember the advice be said that in breaking they are pretty generally as elsewhere, there is a happy medium, but we of the eminent ecclesiastic when preaching to his satisfactory, having the necessary power and have only too much evidence that the average flock, said "Don't do, my friends, as your parsons being sufficiently adjustable, that they are easily Canadian farmer errs on the side of scanty feed- do, but do as your parsons say!' handled. But for other work, such as stubble ing, especially in the case of draft-bred colts and they are much too heavy, cumbersome and in the years while it is still possible to promote my idea, and you know, Mr. Editor, we must live. inconvenient. Even lands as friable as are most growth. of our prairies cannot long stand the packing which an engine of twenty to forty tons the demands of the farm there is a vast market of a cattle herdsman, who asserts from consider- tered horse will increase the value of a mare. in which to dispose of his goods. The manufac- able experience that good care and feeding will In trying to determine what is required of ing. manufacture and use, the blame cannot be laid that the usefulness and place of the horse upon the farm is being questioned and usurped. On the contrary, it is simply a case of having more horse power of work than there are horses to perform it and the problem is to secure a machine to handle the rougher, heavier tasks to save the horses for lighter, faster operations. No motor can ever supplant the horse.

# HORSE

#### Cob or Drafter: Which?

enough to have a large number of Clydesdale exercise, either in harness or in open paddock. fillies brought out from Scotland and sold at auction in many parts of the country. Some of teeth, legs and feet, should result in realizing out these have been right up to the mark in both of each young animal something like its inherent breeding and individuality, and, if properly possibilities, and making the investment a source handled, will prove a valuable acquisition to the of constant pleasure, as well as substantial profit. registered breeding stock of the country. Much, however, will depend upon how they are fed, exercised, cared for and developed. Unfortunthem will never amount to anything better than long as be has a time assigned him by nature to this will save it. ordinary general-purpose or light-draft stock.

The first thing to do with these fillies is to give them a chance to grow. The great trouble with most Canadian-bred draft stock is deficiency of scale. Size is a fundamental requisite in a drafter. Without size, the draft-bred horse is less desirable than a horse of the lighter breeds. Editor Farmer's Advocate: As we have stated before, draft-horse conformation. To be sure, quality is important, but issue rules for the guidance of breeders who are and the proper kind during the period of growth, particuto get. Don't let us make the same mistake. larly during the first and second years.

so, consider the bones of the young animal. would be an easy matter. These are composed of elastic cartilage. Towards each end of the long bones is a center, from which recommend it. It would encourage farmers to drug store. Take one pound of bark and oneossification or "bonyfication" extends. The breed in line; also it would help the owners of half gallon of water; steep; for one hour (not boil) ditary tendency, some animals, such as man, requiring a good many years to reach maturity. Once the ossification from one center reaches that which started from the other center, the bone becomes set, and growth in length ceases. The length of the bone, and, therefore, the size of the skeleton, depends upon how well the animal was nourished with bone-making material during the years prior to the complete ossification of the bones. It is plain, therefore, that we must—to use a field metaphor-"make hay while the sun shines." In other words, we must put the growth on the animal while it is yet youngthe younger, the faster. And yet there are me

Of course, there are extremes. It is not wise

But there is another reason for good feeding. changed with them! Stunted colts and fillies not only lack size, but To secure full and symmetrical development June 19th. agricultural motors, and in advocating their of all the parts, with good lines, feed well from birth. Many a promising filly, with gilt-edge blood may they wear and never may they tear." lines, sinks into oblivion in the barnyard of a man who doesn't know how to feed. Undersize, defective proportions, scrawny appearance, unsoundness due to overwork and neglect of the underpinning —these are some of the misfortunes that dis- Editor Farmer's Advocate: qualify what were the makings of first-class horses and mares. Few realize how much good breeding comes to naught through just such causes. If they did, they wouldn't be so sparing of the feed.

If, therefore, you have been fortunate enough to secure a well-bred filly or indeed, if you have any other filly or colt, but especially if it be of one of the draft breeds, keep it growing right along. At the same time, see that it has moderate exercise, so as to insure the conversion of the feed into bone and muscle, rather than This, with proper attention to general health, very often without.

grow. Well-bred and well-kept horses stand hard usage better at an early age than horses that have had a struggle for existence and have an inferior quality of blood in their veins.

## Should have Fresh Blood in the Breed.

largely—a matter of feed and development. A horses as for men who raise even a few colts to get we tried the bandage and cast, but lost the colt horse or filly has a given degree of quality to the idea firmly into their heads that each sucthrough blood poison caused by the ankle rotting. begin with. Whether it attains sufficient size or cessive cross from a registered horse added value With the next colt we tried splints, but as matters

can't get Clydesdale weight in a Hackney, but it is horn men when it was made impossible to get an a strong solution of white oak bark tea and possible to keep the weight of the Clydesdale animal registered no matter how many top bathed the foot and legs to the knee with it down to little more than that of the Hackney, crosses it carried. Young breeders especially two or three times a day, giving the colt liberty just simply by denying him sufficient feed of the are discouraged and new blood made impossible to move about at will. Result—colt lived and

With these blank forms kept properly, and Stunt a young animal and you permanently handed over with the filly when sold (if she were white oak bark tea, with the result that in less curtail its weight. To understand why this is sold before the fourth top cross) registration than two weeks it was on its feet as strong as

In fact the plan has many good points to White Oak Bark may be obtained from any

present the willingness to accept almost any- who begrudge a few hundredweight of skim-milk would be the means of introducing new blood thing that will take the place of animal traction —the best of all bone-and-muscle making feeds— into the stud book, which is, I think, a very

important matter. I may say that although I own a couple of

I have often in the past bred horses for our plowing, seeding, harvesting and hauling wagons, fillies. Feed generously to insure liberal growth local market which I well knew were not up to But now "times have changed, and we have

For our local market, a good strong Clyde sells gives them in cultivating. For the manufactheir proportions are marred. As an illustration best, and brings the most money with the least turer who can devise a motor that answers well of this principle, we are reminded of the remark outlay; and in the future every cross from a regis-

The easiest way to give these crosses their full turer on the other hand wants to know just what straighten the back of almost any droop-rumped commercial value is to have these blank forms the farmer wants and how badly he wants it. cow. A similar principle applies in horse-breed- issued, as you have outlined in your issue of

By all means send along the blanks! "Long G. H. BRADSHAW

Horn Creek Ranch, Man.

### Treating Weak Joints in Colts.

In your June 26th issue, "A. L.," Alberta, asks. how to treat a colt that has gone over on the fetlocks, and has been recommended to try plaster of Paris bandages. Having had some experience along this line, we have found that nothing gives more satisfaction than a boot made of a piece of stiff leather. Heavy harness leather is best—about a foot long, and wide enough to go around the leg, leaving a space to lace it up in front. The holes may be made with a leather belt punch; a leather lace does best. Before putting the boot on, the leg should be well wrapped with cotton-During the past year Canada has been fortunate mere adipose tissue. In the winter, provide wool and bandaged from the knee down to a level with the sole of the foot, but not over the bottom of the hoof. The boot should be put on low enough to be on a level with the bottom of the foot and then laced up fairly tight, down the front. This makes it impossible for the colt not to stand Breed will tell with the feed and care, but not should be bathed with warm water, and the on the sole of his foot. Every day or so the leg dressing replaced. See that the bandages and A colt wants to be kept eating and growing wool are kept clean, otherwise chances of recovery ately, it is a foregone conclusion that some of and exercising, and anything except fattening, as are greatly lessened. If your colt is worth saving

### Another Remedy for Weak Joints.

EDITOR FARMER'S ADVOCATE:

In your issue of June 26th, page 977, re colt over on fetlocks, the Veterinary editor recommends to bandage from top of hoof to half way I think that your suggestion to the Clydesdale of Paris coat. I would say I have treated four between fetlock and knee; then apply a plaster tion without draft-horse scale, is a poor proposi- Association, that they should prepare blanks and colts so afflicted, the first two of which died ty alone does not make a cart horse. More-improving their horse stock with the hope of as any horse need be. The first colt to live was over, while quality is mainly a result of breeding, ultimately registering their colts, is a good idea. over three months old before it could stand on I think nothing would so much improve our its feet to suck. On one of the colts that died every animal has its natural limitations. One
I think a great mistake was made by the Shortoff and on advice of a quack veterinarian we made were only going from bad to worse we took them

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has taken his place in harness for over six years. could be.

mally upon the age of the animal and its here- good registered horses; and lastly, as you say, it and bathe the cords of the legs, thoroughly rub-



THE AMERICAN SETTLER'S HOME AND BIN OF CORN.