but its growth would be contemporaneous with caster oil and an enema of glycerine and water. the increasing capacity of its numbers for cowrecked other organizations and the people fear bites off more than he can chew.

HORSE

Opinion now is fairly unanimous that the agricultural horse conforms in type to the drafter but has much less scale and substance.

hundred pounds it should not get a prize but degrees. weight must always receive some consideration.

If you get a good coat of white wash all over the stables, floors, ceilings, walls, mangers etc., you are sure to destroy those distemper germs that are waiting to attack the horses next spring.

there are not enough first class horses to go around. Many a man has to use breeding stock that he knows is not up to his ideal but has no other course open to him.

If a judge at the fair should come along and scarcely take two looks at your horse then give the prize to an animal that you know is not half as good as yours it won't hurt the horse and you may lay it to an ordinary difference of opinion.

Money in Blubber.

There are still a few smooth Alexs running round the plains trying to syndicate ton stallions that possess the merit of fatness. This is usually all the merit they do possess. They have been doped and petted and drugged until they have become impotent, and then they are shipped to a new section and unloaded by the joint note route. Farmers will do well to stand on guard against such games. There are several reliable horse importers in the country who are known, men who have a stake in the country and can't pull out. These deserve confidence; they are the men who are doing something for the West and for our horse interests.

Caring for Orphans.

In the matter of food for the mare immediately small feed of well-scalded bran, a little malt meal, and two or three tablespoonfuls of linseed oil. be let out on warm days, and in the middle of the she is allowed to return to her foal. day when the sun is shining. The mare should add also a little malt, flour and salt. The mare and gently, short but often lessons being the rule. to share the food of its dam.

now and again breaks out, which may result in that stud mares have the double duty of breeding hopelessly damaging the udder or destroying the and suckling at one and the same time. And mare. When the mare is lost, the advisability of that as the feetus attains the higher development, hand-rearing the foal will depend upon its are. The depends on the nutritive resources of the character and breeding. A foster-mother should be to be one greater. The drain upon the procured if possible. The transference of the system regarded by the suckling is not only the modern harness horse, of a fairly heavy type, mare to the strange foal should be carried out with great care, as it sometimes causes digestive showers. Feels under proper namagenant are disorder, and diarrhea at first, especially if it has been been about two months. This as regards weight and density, or what is called the racer "cleanness."

There has been found a difficulty in keeping up

ganization that begins in a small way by a few the foal has not received the first laxative milk of ing.

suitable food for the foal, water should be added before separation. to reduce the proportions of casein and fat; sugar should be added. To begin with, cow's milk should be two parts to one of water; later, three parts cow's milk to one of water. The cow should be milked into a vessel previously warmed, and dilute with water raised to 100 degrees F., which is the natural temperature. Cold, stale milk provokes diarrhoea. Administer frequently and In the pure bred draft classes it does not first half a pint every half hour. Gradually infollow that if an animal is not up to sixteen crease the quantity and extend the intervals by animal's mouth.

It is now that the digestive organs of the foal have to learn their business. When the foal begins to nibble, the stomach and intestines do the work; then the work of the salivary glands begin. Large glands under the ears, and under the jaw, and under the tongue, pour into the mouth fluid containing various salts and a ferment which acts One of the pities in horse breeding is that supon the food after it is swallowed. If the food given is of soft wet nature, that can be swallowed easily, and without rolling it in this way and that way across the mouth with its tongue and saturating it, it is likely to have indigestion, flatulence, or scour. The scour is nature's effort to clear out the unsuitable food, in the hope of getting better food, or of so altering the gastric and peptic secretions as to be able to deal with unsuitable food. The foal should be given food, besides its mother's milk, that it cannot easily gulp down, but must learn to grind or chew, for in so doing he will develop more power day by day to digest the kind of food he is destined to live upon-dry bran, with a coarse oatmeal, chaff, or cut grass as chaff, grain, nibbled at first because of the want of grinding power which comes by the use of the masticatory muscles. Hard-and-fast rules for feeding are only laid down by persons without much observation. The successful men exercise individual care of their stock, and abide by no absolute rules.

The mare may be worked a little if it is wanted, but if the working of the mare is not a necessity labor is required of the mare, and she is likely to is needlessly severe for ordinary use. after foaling, a little warm oatmeal gruel is perget at all hot, the foal had better be left at home. The action of a curb bit is, of course, to some to take the foal with the mare when going out to hooked in. A tight curb chain adds to the sever work. foal can stand the box should undergo a thorough care should be taken that the foal is not allowed horse's jaw. cleansing. The mare and foal should be kept in to suck the mare until it is cool. It is best to their box until the weather becomes favorable, keep the mare from the foal for an hour or so after and if the season is unsuitable, they should only her return, and to draw off some of the milk before

The sooner the education of the young foal be well fed with crushed oats, bran and hay chaff; begins the better; it should be taught very slowly should be protected from exposure and draught. A halter should be put on the young foal, and it for the first two days. It should be seen that the should be gently led about on the grass for half to be broken in. The longer the foal remains with not received the first laxative milk of its dam. If old, though six months is the usual age for wears—the bone of the horse they have experimented with

The actual age at which a foal should be neighbors co-operating to handle a few commod- its dam, constipation is more than likely to exist, weaned will depend on circumstances. If the ities might develop into a commercial colossus, which should be corrected by a small dose of foal is well grown and strong, eating its food well, it will be better for the mare if it is weaned at If a foster mother cannot be procured the next five months old. On the other hand, if the foal operation. The lack of that capacity is the great best thing is a cow. Procure if possible, the milk is not as well grown or as strong as it might be, stumbling stone of co-operative effort. It has of a newly-calved cow, on account of its purgative or has not taken to its food as well as it might properties, and keep to one cow. Care should be have, it will be better for it to remain with its it. Experience and practice in a less pretentious taken to see to the state of the foal's bowels at the mother for another month. In the case of mares way would beget assurance and encouragement outset of this system, and to observe and act upon that have not been covered again, and are not which would insure the further development of the indications of nature. The fat and casin of required for work, the foal can remain with the enterprise. The hungry man very often cow's milk is largely in excess of that in mare's advantage till it is six months old. The foal milk; but the sugar in mare's milk exceeds that should be supplied with an extra quantity of oats, in cow's milk. In order to render a cow's milk a bran and chaff for a fortnight or three weeks

On Bitting Horses.

The rule in bitting horses should always be to bit them with an easy or mild bit. Horses that have been properly broken in and mouthed do not require severe bitting, and go best in a mild bit, whilst for breaking in a young horse an easy regularly, both as regards quantity and time, at bit is essential, a severe one being quite out of place, as the latter will inevitably spoil the

A mild bit—either curb or snaffle—requires to have a fairly thick mouthpiece. A bit with a thin mouthpiece is more or less severe, because the latter has a cutting action which tends to hurt the horse. The thinner the mouthpiece of a bit is, the more severe is the latter in its effect upon the horse's mouth. A twisted form of the mouthpiece, or any grooving on it, add to the severity of a bit, as the ridges on a twisted mouthpiece and the edges of the grooves on a grooved one tend to hurt the mouth of the horse by cutting into the flesh. A smooth mouthpiece is the easiest and most comfortable for a horse, and is therefore the best and most suitable.

In curb bits, the port must not be unduly high, as a high port means a severe bit. The port requires to be quite low in a mild or easy curb bit. Bits with high ports are neither sensible nor useful under any circumstances, and should not be used. A mouthpiece with a very low port is the best, and it is practically as mild and as easy

as a straight mouthpiece. In the case of snaffles, the form or shape of the mouthpiece is the sole factor which determines the mildness or severity of the bit. But in the case of a curb bit, its action on the horse's mouth is largely dependent upon the length of the lower cheek-ends. The longer these latter are in a curb bit, the more severe is it in its effects, because the amount of leverage that is exerted by the bit increases proportionately with the increase in the length of the lower cheek-ends. It is, therefore, essential that a curb bit should have comparativeshe will be better left in peace in the field to suckle ly short lower cheek-ends, if it is to be mild and her young. Some farmers allow the foal to follow easy. In the case of riding bits, the lower ends the mare to work, and let it take refreshment from of the cheeks should not be more than twice as the mare now and again. This plan may be long as the upper ends (including the top eyes), carried out when the mare is only called upon to and they may well be somewhat shorter. When work very gently in the field. But if more severe the lower cheek-ends are longer than this, the bit

haps the best restorative, to be followed by a Often, for one reason or another, it is undesirable extent, affected by the way the curb chain is In these cases the foal has to be left be- ity of a bit, whilst the more loosely the former is Mares advanced in years, and those in low condi- hind. It will be good for the foal if it can be adjusted, the less severe is the action of the bit. tion, are materially benefited by a pint of good tempted to eat during its mother's absence. If A properly adjusted curb chain (being neither beer or an ounce or two of whiskey where foaling it takes to its food it will not be likely to fret so too tight nor unduly slack) should allow of two has been protracted and difficult. As soon as the much after its mother. When the mare returns, or three fingers being placed between it and the

Importance of Good Bone.

He wants bone! How many good horses have been set aside in show-ring or fair with these three simple words! How many will be set aside at our coming exhibitions and fairs on the simple whispering of this shortly-expressed verdict? It seems to me more than possible that such an stable is properly ventilated. Turn the mare and an hour or so, every day at first, then the intervals expression may be couched in the phraseology of foal out to grass as soon as possible. In a few of training can be lengthened until he is only hal- many dead languages, for light bone must always. days turn them out altogether, provided there tered now and again to keep him used to it. This have been a fault in the heavy horse that carried is good shelter for them at night. Supplement will render it quiet and decile, and it will not be to battle a warrior fully clothed in armor, as it is the grass with dry food, and encourage the foal nervous, but used to being handled when it comes now an admitted deficiency in his descendent, when burdened with heavy load, writes W. R. In spite of care and good management, disease its mother, the better; but it must be remembered. Gilbert in the Kentucky Stock Farm. The packhorse wanted it badly at times—both up hill, down hill, and along the sloppy level of the early highways. The heavily equipped soldier finds