1744

all. To-day American agricultural colleges are reaching hundreds where a decade ago they did not reach tens. They have extended their sphere and carried their work to thousands who never saw the outside of their walls. And their extension will be carried still further. Ultimately they will include everything in agriculture that poses as an educational institution. There will be more professors lecturing to outside classes in every college in ten years than now form the faculties of those institutions. There are unlimited possibilities for the men who are now directing college extension work among the farmers of this continent, as well are there possibilities for those who are directing the institutes' affairs. But the greatest benefit will accrue to the agricultural community when the two forces are one in organization as in purpose.

A unification of interests such as this is bound to come. The difficulty that will arise will be the procuring of men fair and large minded enough to direct the work of the amalgamated organizations without unduly favoring either. The average college principal of the present day, placed in such a position, would be inclined to or pastern joint, or both, are involved. When favor the work with which he was directly in the coffin joint is diseased, it is called low ringtouch, and thus the real scope of the institute bone, and when the pastern is the seat, high ringwork be lessened as we know in some instances bone. By involving the articulations, these by such arrangement it has been. But despite cause more or less acute, obstinate, and, in some these drawbacks, which are more in the men than in the principle of the thing, the closer high or low, vary greatly in size, but the degree of union of the college and institute has much to lameness is not by any means indicated by the commend it and it will be a fortunate thing for size. An animal with but a small deposit may Canadian and American agriculture when a go very lame, while another with a large growth closer bond is drawn between the two.

The Money Stringency Again.

Editor Farmer's Advocate:

In your issue of November 6th I notice a reference to the money stringency in which the claim is made that the chief cause of the tightness of the money market lies in the movement of a few million dollars toward the storm centre in New York, for the purpose of relieving the pressure in the financial vortex of the continent. It strikes me that this statement is rather broad. Money is a fluid commodity, it moves naturally of the bones is destroyed, and this causes acute these attributes. Some say that quality is towards those centres where the demand is great- lameness. While it is doubtless possible for a recognisable but indefinable and unexplainest, and the recent trouble from New York has ringbone to result from an external injury, as a able brought gold from England and from the Conti- kick, blow, etc., it is very seldom such occurs. nent to relieve the situation. If your statement were true the financial stringency all over America must be due to local causes. It's a brilliant in the early stages, but as the disease advances dividuals. When one says that a horse has theory: Canada suffers because the bankers lend and the joint or joints become more thoroughly "quality" one means that he has a special money in New York; Seattle because her bankers involved, lameness becomes permanent, and more attribute which may or may not be combined forward gold to San Francisco and "Frisco" or less acute. In cases where the coffin joint with any or all of the others mentioned. Of because her moneyed men ship the yellow metal lameness is often apparent for a considerable so that the term can only be used in a comto Chicago. Before we go any further, would it time before any enlargement can be noticed, as parative sense. In the light classes of horses not be better to stop and find a solution that has there is no visible enlargement until it extends up it is very often used synonymously with breeda broader basis of thought. times when the amount of wealth actually pro- will soon became apparent, when the diagnosis bred thoroughbreds and find one showing evidduced provides "accommodation" for the indus- can be confirmed. trial and commercial life of the country. Now The somewhat common idea that ringbone is quality than the other, so that breeding and we have had a period during which agriculture, due to the presence of some abnormal'organ or quality do not mean the same. Neither does commerce and industry have made great progress. object called "the feeder," and that the removal quality signify the possession of symmetry, Railroads and manufacturing have used up a secting out a small quantity of fat or other tissue, may be defective in any or all of these respects, tremendous amount of capital. Any derived is, of course, totally without foundation. Ring- and still possess a high degree of "quality. industry, during a period of prosperity makes bone is purely a disease of bone; it originates He may be fiddle-headed, lop-eared, ewe-necked, more rapid progress than a basic industry such as in bone, and while it involves and in many cases sway-backed, flat-sided, slack-loined, cow-hocked agriculture. The reason is plain. Agriculture can never because so thoroughly organized as, for instance, a raise of corporation, nor can the the nee, we find the the capitalistic organized amount of wealth prothe land is joint insufficient to provide t then we get subsu the further expansion of economy, retrenchment, and until production has again " brium.

THE FARMER'S ADVOCATE



Lameness in Horses. RINGBONE.

Ringbone is a term applied to a bony deposit situated between the fetlock and coffin joints. The deposit may encircle the whole limb, or may be noticeable only on one or both sides, or in front only, but is called ringbone in all cases.

Ringbone is of two kinds, true and false. False ringbone is an exostosis (a bony growth) on the bone between the fetlock and pastern joint, but does not involve either joint, and does not cause lameness except in very rare cases, when it is very large. Some consider that it does not constitute unsoundness, but, as there is a danger of the growth extending and involving the joint, we think a horse affected should be considered unsound.

True ringbone is one in which either the coffin cases, incurable lameness. Ringbones, whether may show little lameness.

Causes.—In most cases there is an hereditary predisposition, and if the pedigree of the animal

ment. Treatment should be directed to the hastening on of the process of anchylosis, for, so long as this is not complete lameness will be shown. This is done by counter irritation, in the form of blisters or firing, which sets up a superficial irritation, increases the internal inflammation, and thereby hastens the subsidence of the same. In quite young animals repeated blisterings may effect a cure, but in the majority of cases it is better to fire and blister at once. This should be done by a veterinarian. It is often noticed that the patient will continue to go lame for a considerable time, sometimes for eight or ten months or even longer, after the operation as the process mentioned is often slow. When a recovery has not taken place in ten to twelve months, it is well to fire again, and if this fails to effect a cure, we may decide that the case is incurable, and the only means of removing the lameness. is by the operation of neurotomy, which consists in removing the nerve supply to the foot. This operation can be performed only by a veterinarian. It does not cure the disease, but cures the lameness by removing sensation. As the process of decay and repair goes on in the foot after the operation, and the animal will not show any symptoms of pain, and hence is liable to become totally useless, from various causes, it is not considered wise to operate except in cases where the animal is practically useless from severe lameness.

"WHIP."

Quality in Horses.

FROM A PAPER READ BEFORE THE VETERINARY ASSOCIATION OF NEW YORK, BY F. C. GRENSIDE.

There is no subject upon which there seems affected can be traced back for several generations to be more diversity of opinion amongst horseit will generally be found that an ancestor, more men than as to what constitutes "quality" in or less remote, suffered from the disease. It is a horse. It is a term in very common use, but usually caused by simple concussion during pro- if you ask a number of horsemen what they gression. By this means inflammation is set up mean by it you are sure to get a variety of in the inner (called the cancellated tissue) struc- answers. One will say it means breeding; ture of the bone. This extends and involves the another conformation; another finish; another outer structure (called the compact tissue); an "class"; another symmetry; another individuexudate is thrown out which becomes converted ality; another an accentuation of all fine points; into bone, causing the visible enlargements. When another magnetism; another refinement of lines; a joint is involved, the cartilage covering the ends or perhaps a combination of some or all of

The term "quality" is an abstract one, in-Symptoms.-In the majority of cases lameness dicating a special attribute in an individual, is irregular, very acute occasionally, not well just as being well bred, well conformed and marked at times, and sometimes entirely absent possessing finish are attributes of some in-

FOUNDED 1866

This may all be wrong, but gestion that it holds a measur least I have had my guess and yours and still the money market le least it does to me.

L. E. CART.

the pastern bone and shows above the hoof, ing. Certainly the more warm blooded a horse All wealth comes from land. We have good as there is no visible cause; but the enlargement possess; but one may take two equally well-

of this, by cutting into the fetlock pad and dis- good conformation, finish or "class."

ence of the possession of a higher degree of

Much confusion is caused by using the term for instance, a raily of corporation, nor can the exudate thrown out becomes ossified (converted are spoken of as high class, medium class, and Horses unit intelligence, which is represented by the into hone). When the articular cartilage of a so on, indicating the degree of excellence which single farmer, have the directive intelligence of joint is involved, it becomes destroyed, and, as they possess for the purpose for which they are the trust managet whethere's the business of the process of essification continues, the bones of best suited. Two individuals can be taken as the ising become united (this process is called an example showing equal "quality," but one bones being united into one. When more style and action, may be worth twice as thas become complete, inflammation much as the other, consequently he is a higher lameness ceases. There may be class individual, although the two are equal in n, owing to the stiff joint, but pain is "quality"; so that "quality" and class" do

notwithstanding the absence of the - 17, then, "quality" does not mean breeding or conformation, or symmetry, or finish. o In treating a case of ringbours, the "ichas," or a combination of any or all of these The determined attack of high ones the concess, for a combination of any or all of these amplition to remark the lancess of by, what does it mean? It is an easier matter to amplite remark the consistence of a space concise and at the same time compre-ation without bound the other is a given a concise and at the same time compre-ation without bound to be a space of the definition of what it is. It may no another as investigation of the space of the definition of textures. How frequently