

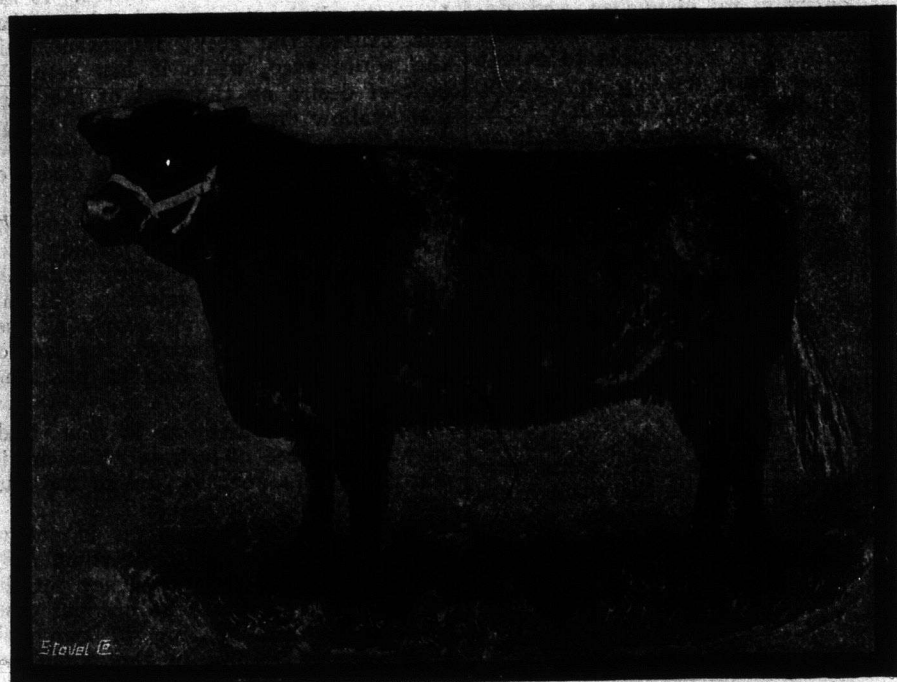
Therefore the more quietly he may be treated the better he will work. The men who show horses best in the arena never utter a word. The greatest drivers are famous for their silence. It is unquestioned that Geers is the most expert driver on the harness turf today. He is called the "Silent Man from Tennessee." True horsemen know that the most supreme test a horse can possibly be put to is on the race track with weight up and when the contenders are coming down the stretch fighting for dear life for every step. Did any one ever hear Fred Archer, Garrison, McLaughlin or their like emit a sound? Not by any means. Those who have seen the most masterly efforts of these great riders have seen the spurs pushed home till the blood dripped red and have heard the quick rip-rip of the "bat" laid on in the effort to get home first, but in the tenseness of the combat no one on the storm deck of a race horse ever thought of "hollering," so long as he was an artist.

To farmers with their horses in the field doing such heavy work as cutting grain with the self-binder no better advice can be given than to insist that the teamster handle the horses silently. Reins are attached to bits for the purpose of directing horses. When oxen are used—driven without anything but the yoke—the word of mouth is necessary. At that, the very best drivers of cattle are among the most silent men.

seasons in each year—hot and cold. So that when there are two seemingly opposing laws of breeding, we should not reject either, or both, because there is a difference. The first of these two general laws is that like begets like. The second is the law of variation.

By the law that like produces like, is meant that the parents have the power to transmit their own characteristics to their offsprings. We know that the red hog will produce a red offspring; Galloway cattle will produce black calves; white parents will produce white children. In the enforcement of this law, prepotency plays an important part. By prepotency is meant the superior power one parent has over the other in determining the character of the offspring. Where the parents differ, the one which is the more prepotent will have the power to impress its characteristics upon the offspring. If the mother is the most potent, as is the case when the male horse is bred to the female ass, the offspring will resemble the mother. The hinny resembles the female ass in size, shape and general appearance. If the father is the more potent, the offspring will resemble him, as is generally the case when the Galloway bull is bred to the Polled Durham cow.

The same thing may be noted in people. One of the parents may have peculiar shaped cheek-bones or teeth, or the hair may be of a peculiar color.



English Champion Shorthorn Heifer.

All this is derived from the fact that on a plot of ground adjoining that on which this writer lives work on a new building has been started. This necessitated the hauling of many loads of sand on to the spot. The weather has been very hot and horses insufficiently fed have been in hard case. On this particular piece of work the first few loads of sand drawn came easily enough, for the place of dumping was low. By and by it was hard for the horses to drag the load over sand already dumped to exactly where the foreman wanted it. The language resorted to by the teamsters stirred this writer to revolt. He ventured forth, called a halt, and flanked by a big bluecoat with a lieutenant's badge on his breast, superintended further operations. Every noisy teamster got a call that would astonish most men. In 19 loads dumped but three teamsters brought their horses up right, saying a soothing word to the sweating beasts, and these were full fed, well groomed horses.

The Laws of Breeding.

There are certain laws of breeding by which breeds may be originated and perfected. Many of these laws may seem antagonistic, but in reality they are not. We know that there are two opposing principles in the moral nature—good and evil. There are two opposites in each twenty-four hours of time—night and day. There are two opposing

All of the children may have these peculiarities, simply because the parent possessing them is the more potent.

Generally the male animal is more prepotent than the female. For this reason the farmer is advised to purchase good males to head his herds and flocks. By so doing it is possible to grade up the herd to a state of excellence. Some breeds are more prepotent than others. Breed a Hereford to a Jersey and nine times in ten you will have an animal with the size of the Jersey. The Jersey is the more prepotent and impresses the Jersey characteristics upon the offspring. The Yorkshire and the Chester Whites are more prepotent than the Poland-China. It is not an uncommon sight to see an entire litter of white pigs with a Poland-China mother. Like begets like, but when the parents are unlike, the principle of prepotency is called upon to decide which one of the parents the offspring shall be like.

Understanding the law that like begets like is very valuable in the breeding of all kinds of animals and fowls upon the farm. When the breeder selects two similar animals to be the foundation of his future herd or flock, and one or both of them are known to be prepotent, he may have every reason to expect offsprings exactly like the parents in every respect. If it becomes necessary to take one animal into the union which is not exactly like the standard of excellence, he can prevent any great variation by selecting one which is known to possess but

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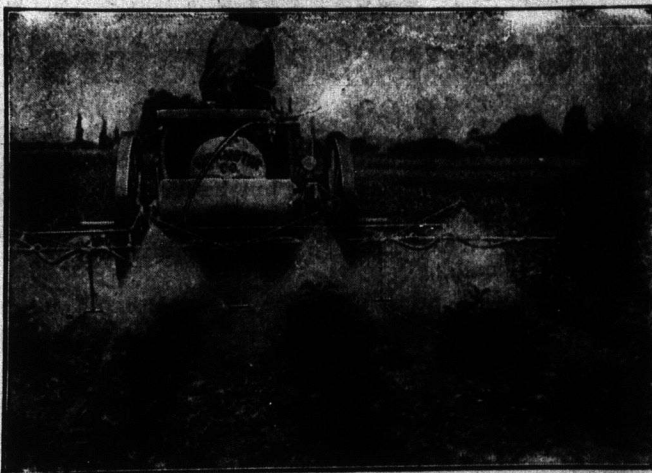
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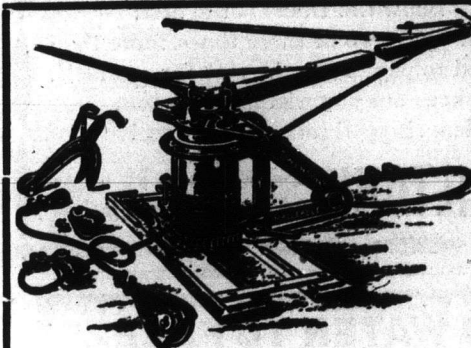
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