

Treatment of Aborters in Dairy Herds

This Disease the Most Common Cause of Sterility

COMMON methods of treating aborters is dealt with in a recent circular from the New Hampshire Experiment Station as follows: "When a cow aborts, the afterbirth usually clings tightly to the cotyledons in the womb and should be carefully removed from them. Previous to this secure a douche can and smooth non-collapsible rubber tube (preferably a horse stomach tube) about 3/4 inch in diameter. A douche may be made by attaching a faucet to the side of a pail near the bottom or to the bottom of the pail. The rubber tubing should be attached to the faucet. The pail may be raised to the desired height by means of a rope and pulley fastened to the ceiling. The cow's genitalia should be rinsed off with an antiseptic solution (such as lysol or compound cresol solution) and then the hose should be inserted into the birth canal and down into the womb. About a gallon of the solution may be allowed to run into the cavity. "Daily irrigations of the womb and vagina should be kept up for a week or ten days, when the cow should be syringed two or three times a week for another week or two. When properly treated, the discharge usually stops in two or three weeks, but the cow should be syringed once weekly until she is bred. She should not be bred for three months after abortion, as it takes about ten weeks to properly treat an aborter. Neglect in properly cleaning a cow is apt to result in sterility, or at least it will be very difficult to get her in calf. Cows bred before the discharge has stopped are not likely to "catch," and, if they do conceive, abortion is apt to recur in a short time.

thereby spreading the disease, is to be vigorously condemned. Good cases which have aborted should be retained, treated, and again bred."

Horse-Power for Varying Soils

ONE may easily be underhanded or overhosed for any farm operation, so varying are the amounts of pull on the various conditions. When the land conditions prevail we find our opportunity for deep plowing. A good draft horse is able to exert 160 pounds pull on the cross bar, and 323 are required for plowing corn stable six inches deep with a 14-inch bottom, so that a team that can exert 300 pounds pull has an extra exert 300 pounds of 40 pounds. Wheat does power for the same work requires 336 pounds pull on the drawbar, and when it comes to the heaviest ground. 1,680 pounds may be required. When 1,680 pounds in a hard there will be a great increase in the pull required. In very light sand dunes light horses are indicated, because only 125 to 233 are indicated, and the light pounds pull is required and the light horses carries himself more easily on shifting footing. But as a rule it is the ground that is necessary for easily seen that horses of considerable substance. Huesgrass soil needs farm operation. Huesgrass soil needs 504-pound pull to turn it, clover soil 588 pounds. With the bluesgrass three good horses with a pull of 150 pounds show a deficiency of 54 pounds, with the clover a deficiency of 138 pounds or within 12 pounds of a full-horse deficiency.

The figures are tractor figures. They may not be accurate and it is admitted, that they are subject to great variations, but a horse man's experience will lead him to value a comparison which is probably correct. A pair of horses in a row requires a 550-fairly strong pair and a clay 673; if we get a few good plowing days in a year on strong tough soils and that every advantage should be taken for such soils at best. If we are to conserve our horse power. None but the strongest of horses can cope with such soils, which are and always have been one of the harder problems of agriculture. It can only be met in part by force and for the rest by covering them with such a heavy and their delinquencies are carpeted. When such a condition is attained they may often be used even in wet weather.—L. Ogilvie in Breeder's Gazette.

Small Farm Disadvantages

ALTHOUGH the "little farm will titillated" is a favorite topic of poets, farm management surveys of the Nebraska College of Agriculture show that it has several disadvantages. Among those which have the greatest effect upon farm profits may be mentioned the following: 1. Two men are needed to do a large part of farm work economically, and a small farm frequently does not offer enough steady work to keep an additional man busy. 2. The cost of horse labor per acre, like that of men, is excessive. 3. The cost of machinery per acre on small farms is nearly double that on "family-sized" farms. 4. Machinery can be used to better advantage on such farms. 5. Barns and similar equipment cost more per acre than on large farms. 6. Small fields are increased per acre.

Dairy farmers are not in the business for their health, nor as a rule are they philanthropic. They want a living and a profit; hence the agitation for higher milk prices.



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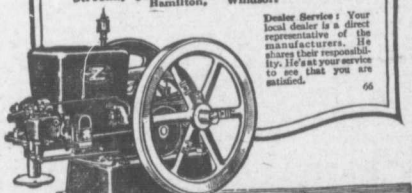
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"Some dairymen practice selling aborting cows, thinking thereby they are rid of their burden of the disease. The fallacy of this reasoning is shown by the fact that new cows and heifers taken into the herd will abort. If a cow is not a good producer and becomes unprofitable after aborting, she should be sold for economic reasons, not as a dairy animal, but to be slaughtered. The practice of selling aborting cows for breeding purposes,

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