

BREEDING BARREN MARE—BAD HABIT.

1. Have a heavy work mare, ten years old which I should say has never had a colt. Would there be much risk in breeding her if I can get her to conceive by cleaning her out. Have bred her the last two seasons but she did not conceive. As she is a valuable mare for work I would not care to take too many chances to get a foal.

2. Have a four-year-old mare with a bad habit of tosing her head when any one is near her. She is perfectly quiet and gentle otherwise and is not of a naturally nervous nature. I think habit was caused by bridle creating sore mouth when first broken. Instead of growing out of it she goes from bad to worse. E. R.

Ans.—A good stallion groom can probably tell you if the mare is sexually normal, very few are wrong, sometimes the os (neck of the womb) is turned downwards and thus prevents conception. For such cases the capsule method has been found satisfactory; description of this is to be found in Veterinary Elements, price \$1.10, this office. It would be perfectly safe to breed the mare.

2. Such habits are hard to cure, especially if due to the cause you mention.

PROBABLY NAILPRICK.

I have a young colt which went lame on her hind foot about six weeks ago. She gradually became worse and about a month ago the foot or just above the hoof seemed to be swollen and hard all around. A friend of mine said it was a ringbone and advised blistering which I did with a mercury blister. It didn't seem to do much good and later had a rather whitish look and felt quite hot. I blistered it again about three weeks after the first time (which was a few days ago) and yet it seems no better and if anything the joint above is swollen which was not until the last few days. What is the matter with the foot and the cause. What treatment should be given.

Winnipeg. J. P. H.

Ans.—Should be inclined to suspect a nailprick; if so, poultice until the abscess which would likely form, breaks and a free discharge of the puss is obtained; examine the foot. If a valuable colt call in a V.S.

PECULIAR CASE.

I have a cow eight years old, until March of this year has been healthy. In March she got very stupid or dull and wanted to lay most of the time, breathed very heavy, dropped her calf about April 15, gave very little milk, calf very small though smart, cow has been gradually failing in milk till now gives only one pint. A few days ago she had a large swelling between her jaw bones, just at her gullet, was quite soft; a similar swelling at navel. They have nearly gone and now the enlargement is on brisket about sixteen inches long by six inches deep. She is running outside daytimes, when walking seems to tire easily. Has been well wintered on hay, crushed oats and barley, not feeding very good now.

Southern Manitoba. G. W.

Ans.—This is a very peculiar case and from the detailed symptoms alone we are unable to state definitely what the trouble is. Why not consult a good veterinarian?

SECURING PATENTS.

Could you give me information as to how to protect an invention before taking out a patent. Will drawings and descriptions be required? Is a solicitor required? What will it cost and where is the patent office?

Sask. J. P.

Ans.—You had better write the patent office, Ottawa, notifying them that you wish to protect your device, and ask them for directions as to how to proceed. As soon as they notify you that your invention is patentable you will be protected with the phrase "patent applied for."

CLOSING UP TRAIL.

If I buy a farm and sow it with grain can the public continue to drive on the

old trail through my crops, it being easy to make the trail on unbroken prairie?

Alta. J. C. J.

Ans.—Fence off the trail, put up notices and notify the municipal authorities that they must provide a passable trail elsewhere. If your crop is seriously damaged by traffic you should make claim to the council for the same.

PROBABLY STRINGHALT.

Mare is eight years old, weighs over fifteen hundred. She seems to have something wrong with her back or hind legs. When she backs up she just draws her feet along the ground, don't seem to be able to bend her legs. Seems alright going ahead. When she backs up she throws her leg out behind her and throws up her tail. She throws up her tail whenever she puts her head down. She eats well but is thin, seems to feel well enough, she jumps and plays when she gets out loose.

S. Man. W. P.

Ans.—You had better have the mare examined by a qualified veterinarian, there is a good man near you at Crystal City, I think.

KNEESPRING.

A colt three years old, gone over on both knees; will you please give me a cure for it and tell me the cause of trouble?

Ans.—Feed grain from a box placed on the ground when in the stable and lower the heels. The back tendons might also be blistered with a fly blister at fortnightly intervals. At this late date recovery is doubtful.

NEW SURVEY ROAD ALLOWANCES.

Will you kindly advise through the columns of your paper as to the correct area of a quarter section of land in Manitoba. A quarter section is supposed to contain 160 acres; if, as I have seen in the Farmer's Advocate, the road allowances are on the south and west sides of the section and are six rods or ninety nine feet in width, the section being one square mile in area, therefore the S. E., S. W. and N. W. quarters will be short of 160 acres by the amount of the area of road allowance, and the N. E. quarter will contain the full number, viz., 160 acres. This shortage is nearly eight acres. I have been looking for information on this question and have met no one who is positive in the matter otherwise than to state that the quarter section is 160 rods on a side.

Swan Lake, Man. D. J. C.

Ans.—A section of Dominion land contains 640 acres more or less, subject to the convergence of the meridian, and the statutory road allowances are not deducted therefrom; this applies to the Province of Manitoba, Saskatchewan and Alberta and the North West Territories. The older surveys in the Province of Manitoba and parts of Saskatchewan and Alberta were made under the second system of survey, by which road allowances were laid out all around each section. The present system of survey, that is to say, the third system, only provides for a road allowance on the east and west of all sections and on the north of every second section, that is, on the north boundary of the township, on the north boundary of sections 19 to 24, and sections 7 to 12. In either survey the road is not deducted from the 640 acres.

In the Province of British Columbia under the fourth system of survey, no road allowances are laid out, but the sections are of such a size as to comprise 652 acres more or less, and a deduction of twelve acres for roads is made therefrom.

Under the fifth system of survey, which comprises certain townships in the New Westminster district the surveys are more irregular in respect to roads, as the system which existed at the time of the taking over of the Railway Belt by the Dominion had to be followed out in each township, so that in some townships there are road allowances and in others there are none.

She was an economical, industrious and ambitious young wife, and tried to persuade her husband to give up smoking. She pointed out, in exact figures, how much he spent on tobacco. "And you would be better off," she said, "men-

tally and physically, as well as financially, without your pipe." "But all great men have smoked," he urged. "Well," she said, "just promise me that you'll give up smoking till you're great. I'll be quite satisfied."—*New York Tribune.*

In an Episcopal church in Peoria it is an Easter morning custom for the ushers to greet incoming members of the congregation with, "The Lord is risen." An old lady who was deaf and who had but recently united with the church was met by Dr. Tyng with the salutation. "What is it?" she asked, pausing and placing her hand to her ear. "The Lord is risen," repeated the doctor.

"Oh, yes!" said the lady absently, as she moved on down the aisle. She was met by another usher who gave her the same greeting.

"What did you say?" she demanded. "The Lord is risen," returned the usher.

"Oh, yes, so Dr. Tyng tells me!" she remarked complacently as she entered a pew.

"Poor woman! She works hard all day and then she's up nearly all night with the babies."

"What's the matter with her husband?"

"Oh! he puts in all his time agitating for an eight-hour day for the working-man."

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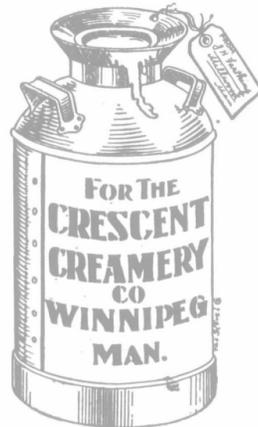
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