

Questions and Answers. Veterinary.

Obstruction in Milk Duct.

A scab formed on point of cow's teat. This had to be removed each time before milking. The teat is getting hard and there is a little hard lump, apparently in the milk duct. The milk comes in a very small stream and is getting worse.

W. F. M.

Ans.—There is a little tumor in the milk duct. A veterinarian can operate with a special instrument. Bungling operations such as passing quills, needles, etc., are usually followed by serious complications. If you cannot have her properly operated on, draw the milk with a teat syphon, being careful to thoroughly disinfect each time by immersing in boiling water, before inserting it. Allow the quarter to go dry and do not breed again. In the meantime dress the point of the teat 3 times daily until healed with 1 part carbolic acid to 25 parts sweet oil.

V.

Miscellaneous.

Staining a Violin.

What material is used to stain and polish a violin? J. A. Y.

Ans.—Camwood, logwood or aniline are frequently used for staining violins and they give a red stain. It is claimed that varnish used by Italian violin makers consists of a mixture of one-half gallon rectified alcohol, 6 ounces gum sandarac, 3 ounces gum mastic, and one-half pint turpentine varnish. The ingredients are placed in a tin by the stove and frequently shaken until the whole is dissolved. It is then strained and is ready to use at any time. This takes on a fairly high polish.

Swollen Joint.

I have a cow which freshened the first week in April. A week later the joint on one leg began to swell. It looked as if she had scratched or rubbed it on the cement floor. A few days later the other leg swelled worse than the first one. She is quite stiff. What is wrong with her?

2. At what age can a pure-bred calf be registered? W. J. R.

Ans.—1. There is a possibility that in getting up and down on the cement floor, the cow has bruised her legs, which has caused inflammation to set up. This would cause the swelling and subsequently the stiffness. We do not think it is due to any constitutional trouble. Bathe the legs to allay the inflammation and then apply an absorbent liniment made of 4 drams each of iodine and iodide of potassium and 4 ounces each of alcohol and glycerine. It is possible that pus will form and it will be necessary to lance the swelling before complete relief will be obtained.

2. A calf can be registered any time after it is a day old. After it is a certain age the registration fee is increased with most breeds.

Prizes For Wool.

EDITOR "THE FARMER'S ADVOCATE":

Now that the shearing season is approaching I wish to take this opportunity to draw your attention that prizes for wool in the fleece will be offered again by Toronto, Ottawa and London exhibitions this fall. Since the fleeces which are exhibited at the Canadian National can be shipped to London and Ottawa, I believe that sheep raisers will find it to their advantage and profit to reserve two or more of their best fleeces for entry at these fairs.

The greater the amount of wool received for competition this year, the more likely will the fairs be another year to increase the classification. Besides, a large display of wool of this character serves to awaken interest with farmers in sheep raising and will act, to some degree, as a means of developing the industry.

T. R. ARKELL.

Chief, Sheep and Goat Division.

Double the Value of Your Farm—

THE United States Department of Agriculture has been making a study of how good roads benefit farm values with the most astonishing revelations which are applicable to Canada.

Several counties in various parts of the country were selected where there has been a wholesale issue of bonds for the construction of a system of good roads.

Of course, the bond issue increased the taxes, but at the same time it so multiplied the land values that farmers found it easier to pay the increased taxes than it had been to pay the earlier ones.

Suppose you are paying \$50 a year in taxes on a farm worth \$10,000. Would you not be willing to have your taxes increased to \$100 if the value of your farm was increased to \$20,000? But that is not the only benefit from good roads.

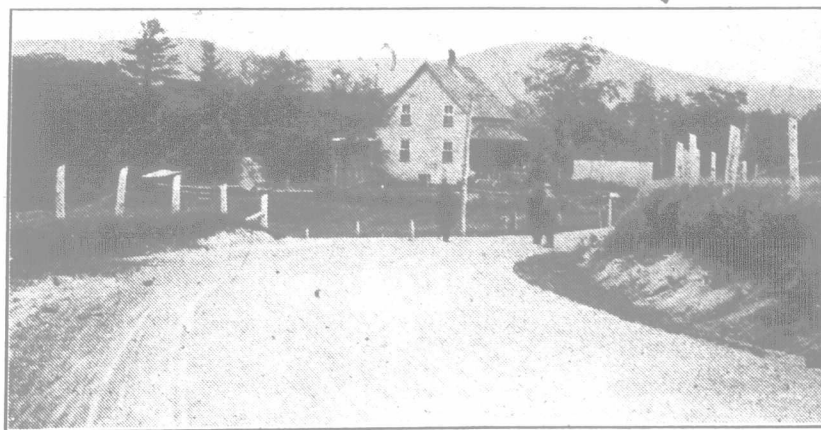
Good roads make possible consolidated schools and better education

for your children. Good roads reduce the cost of hauling, cases being cited of counties where the reduction in hauling cost throughout the county was enough in a single year to pay off the entire bond issue. Good roads and big loads bring the farmer close to the railroad, converting "starvation farms" into prosperous ones, multiplying the shipments outward from the local freight station and the corresponding inflow of money.

You must build the right kind of roads, however, in your county system. Plain macadam roads without Tarvia treatment cost so much to keep up that they are expensive luxuries. Build Tarvia-bonded roads which are capable of resisting modern automobile traffic, as well as frost and weather, and you will find that good roads are not so expensive after all.

We have booklets which we shall be glad to send to Canadian taxpayers on request.

THE PATERSON MANUFACTURING COMPANY, LIMITED
MONTREAL TORONTO WINNIPEG VANCOUVER
THE CARRITTE-PATERSON MANUFACTURING CO., LIMITED
ST. JOHN, N.B. HALIFAX, N.S. SYDNEY, N.S.



Sherbrooke-Derby Line Highway, near Lennoxville, Provincial Government of Quebec. Constructed with "Tarvia-X" and slag, in 1915.

Increase Poultry Production.

EDITOR "THE FARMER'S ADVOCATE":

Breeders and specialists can help increase poultry production by breeding from healthy stock so mated as to give the best fertility, by shipping only selected eggs or day-old-chicks, and by endeavoring to place in good hands the eggs and chicks which they have for sale. Care should be taken that only normal eggs and strong chicks be shipped and that minimum losses occur in transportation.

Those who operate custom hatcheries should take similar care and, in addition, should warn shippers of eggs to the hatchery to be careful that the eggs shipped are fertile. Fertility can be ascertained by putting a few eggs under a hen and testing them on the seventh or eighth day.

(Dominion Department of Agriculture.)

Gossip.

The Tillsonburg Sale.

In addition to lots already mentioned in the catalogue of the Tillsonburg sale, to be held on May 8, is the great breeding bull, Korndyke Veeman Pontiac. There are now so many daughters and granddaughters of this bull in the herd which he has headed that he must be disposed of. Then there are daughters of Findern King May Fayne, whose sire is a brother to the only 50-lb. cow, and whose dam, a 34-lb. four-year-old, is a full sister to a 36-lb. three-year-old. One of these daughters has just freshened and made nearly 16 lbs. as a junior two-year-old. Another is from a 16-lb. daughter of King Segis Pietertje, while the other being from a 25-lb. cow is recommended by an average for her dam and sire's dam of 29.50 lbs. of butter in seven days. There are also granddaughters of King Segis in the consignment; one being a 25-lb. four-year-old, which also made 21.50 lbs. at three years. Her four-year-old record was made without any roots whatever, and she surely looks and acts like a 30-lb. mature cow. Bessie Spinks Abbekerk, another one of the mature females, has a record of 25 lbs. Bessie Colaatha, a show cow in every particular, has 20 lbs., and one other extremely good one is a four-year-old daughter of a 25-lb. cow which made over 16 lbs. at two years, but since she has always freshened in an unfavorable season for testing. She, however, will freshen this fall, and should make one of the best buys in the sale. There are many good lots, and only by securing a catalogue from R. J. Kelly, Culloden, and studying it can one really appreciate the offering that will be presented.



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