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Particulars on application.
GEO. DAVIS & SON, R.R. No. 1, Erin, Ont. Beaver Hill Aberdeen-Angus Males and females, all ages. Also one Ayrshire bull, 2 months old, for sale. Prices reasonable. ALEX. McKINNEY, R. R. No. I, Erin, Ont. Erin, C. P. R., Cheltenham, G. T. R.

Questions and Answers. Veterinary.

Umbilical Hernia.

At castrating time one of my pigs (now 4 months old) appeared to have a rupture near the sheath. Now it is about the size of my two fists. Some of the other males and one female are getting the same way.

Ans.—This is navel or umbilical rupture. We can give no cause for it, The umbilical opening fails to close, but we cannot say why. An operation by a veterinarian will, in most cases effect a cure. In many cases the animal fatttens and becomes ready for the butcher without treatment. When the hernia becomes as large as you state, it should be treated. A truss could be arranged to support the rupture, but probably it would be wise to slaughter those that are badly affected. V.

Lumps on Legs.

Last winter I noticed two lumps on Last winter I noticed two lumps on my pregnant heifers hind leg. After a few weeks a few more lumps formed on the leg. I was told that when she was turned out on grass, they would disappear, but the condition has become worse. Now there is a perfect mass of lumps about the size of markles. The lumps, about the size of marbles. The leg, near the foot is badly swollen, and there is a lump the size of a hen's egg on the fleshy part of the hip. I poulticed this and it broke and a little matter escaped. I noticed two very small escaped. I noticed two lumps on the front leg to-day.

R. J. L.

Ans.—These lumps are either tumors or tubercular nodules. Some cattle are or tubercular nodules. Some cattle are predisposed to the growth of tumors on their legs. We cannot explain why. When the growths are of a fibrous nature they do no harm. Local applications do no good. They can be carefully dissected out and the wounds then treated as ordinary wounds. Of course, where the growths are so numerous course, where the growths are so numerouas on your heifer, the operation of dis-section would leave a very sore leg. In rare cases we find a form of tuber-culosis in which the nodules or tumors appear in the muscles and under the skin on the legs. The fact that the large growth burst and discharged a little rather indicates this trouble. A bacteriologist would be able to tell, by examining some of the discharge, whether or not it is tubercular. A veterinarian might be able to tell by cutting out and examining the large tumor, but the surest means of diagnosis is to have her tested with tuberculin.

Miscellaneous.

Weighing Milk.

Re the article on weighing and testing milk in issue of June 1. What kind of scales are ordinarily used in the stables? Can you tell me where I could purchase a spring balance or other scale?

Explain the use of preservative tablets which are used in warm weather when milk or cream is not tested daily A. B.

Ans.-1. The circular dial spring balance scale which weighs to a tenth of a pound is generally used, although the ordinary spring balance is satisfactory for weighing the milk. If scales cannot be purchased locally write one of the dairy supply houses for a catalogue. Richardsons of St. Mary's, or Drummonds of Toronto, would no doubt mail one on request.

2. The preservative commonly used is three parts bichromate of potash to one of corrosive sublimate. This material is poisonous, but it turns the milk yellow so no one is apt to drink it. Put about as much of this powder as can be lifted on a ten cent piece into each sample bottle. This will keep the sample good for from two to four weeks according on the weather. If the sample of milk or cream does not appear to be keeping add a little more preservative. preservative tablets are more convenient to use and are equally as effective as the powder. The sample of milk or cream is kept from curdling so that a satisfactory test can be made monthly instead of daily if it is so desired.

The Government call to every loyal Canadian engaged in Agriculture is for "Increased Production"—an important factor in the present titanic struggle. With the call to arms never was labor so scarce. Labor-saving devices have saved the day in many cases. Take Dairying: The Sharples Milker does the work of milking in onethird the time at less cost. Any man that owns 15 cows or more should get one. The fact that one man can milk 30 cows an hour is worth thinking over. But the one thing that places the



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NG.

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