

## IMPORTANT NOTICE TO FARMERS

Any one who keeps stock of any kind can make very good use of a can of Zenoleum, the great promoter of animal health now so largely used by stock owners everywhere. It is an excellent sheep dip. It destroys lice, mites, and all external parasites, and speedily removes stomach and intestinal worms from all animals. It is one of the best preventives of hog cholera known. It is not a hog-cholera cure, we do not know of a hog-cholera cure, but as a positive disinfectant it is a good thing to use to keep down all sorts of contagion, as it destroys disease germs and gives the animals healthy quarters. It stops the spread of roup in chickens. It cures calf cholera, and is a fine thing to heal up wounds and sores, being absolutely non-poisonous whether used internally or externally. Most dealers sell Zenoleum. Ask yours for it. Ask the Zenner Disinfectant Company, 312 Sandwich St., Windsor, Ontario, for a free copy of their sixty-four page Veterinary Adviser.

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#### TWO DIMES—OR ONE?

Take a glass half-full of water and place a dime in it. Cover the glass with a plate. With one hand on the glass, and the other holding the plate firmly in place, turn the glass upside down quickly so that no water will escape. With the glass in this position, you will see what apparently are two dimes—one at the bottom a little larger than a dime really is, and another the actual size of a dime just above.



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### Questions and Answers. Miscellaneous.

#### Colic.

My mare, when turned out to grass, is troubled with colic. Last summer she had quite a number of attacks. She has been troubled already this spring, and only out three or four days. Is there anything I can feed her regularly to prevent this. She has just foaled.

W. G. R.

Ans.—The attacks appear to be due to indigestion. Great care should be exercised when changing the feed of the mare, especially when turning her on grass. At first, allow her out only a short time, and gradually increase. The feeding of a tablespoonful of ginger every night in the feed tends to ward off attacks by keeping the digestive apparatus in tone. When she has an attack, give her 4 drams fluid extract of belladonna, and 1½ ounces each of laudanum and sweet spirits of nitre, in a pint of cold water as a drench. Never allow her to drink too much very cold water.

#### Commencing With Sheep.

1. What size of stable would I have to build for forty sheep?
2. What would be best, to build two-ply lumber with paper between, or single-ply, with strips nailed on cracks?
3. Would the latter way be warm enough for an Ontario winter?
4. What way would be best to build a flat roof or a square-pitch roof, so as to have room for feed on top to keep warm?
5. Would it be too cold to leave the door open all winter, so sheep can go in and out, as I don't intend to feed more than once a day?
6. Would it be a good plan to hang some kind of a curtain in the door to keep the draft out, and allow sheep to pass under it?
7. Describe a good feed rack to feed sheep.
8. What is a good remedy to kill lice on calves without taking the hair off?

A. T.

Ans.—1. For a flock of forty breeding ewes, and providing also for the handling of the increase from them, a pen 30 by 40 or perhaps 50 feet, would not be too large. It is well to allow plenty of room, and in building, provide for a larger flock. Some sheep barns are built to keep sheep on two floors, and these do not require to cover so much ground.

2. It is not necessary to build an elaborate pen. Good results may be obtained from one thickness of lumber, and the cracks battened.

3. Yes. Sheep do not require a warm pen. In fact, they are better in a cool one, and warmth is required only during the lambing season, and if the lambs come strong, and the shepherd is on hand to see that they get nourishment, it is surprising how much cold they will stand.

4. The pitch roof, or a hip roof, would likely be best, not from the viewpoint of warmth alone, but also as a place to store feed.

5. Sheep do much better when the door is left open to allow them free access to an open yard. They will stay outside a good deal of the time. Of course, on very stormy days, if the wind is driving the snow in through the opening, the door should be closed.

6. This might be done to advantage in some cases, but if the door is placed on the sheltered side of the building, is not necessary.

7. Racks should be set in the center of the pen, so that the sheep may feed from each side. It is a good plan to build an ordinary plank trough for the bottom, and this can be utilized for grain, and the hayrack is simply a slatted one, the slats being far enough apart to allow the sheep to put their heads through. Some place the slats perpendicular, others diagonally, wider at the top, and still others diagonally, and slightly wider at the bottom. These latter racks are usually hinged, and must be opened to put in feed, and are devised to keep dirt and hayseeds from rattling out and into the wool of the sheep. Barring this objection, the others are good, and in general use.

8. Mix dry cement and insect powder (pyrethrum), and sift it into the hair on the back of the animals. Insect powders advertised in this paper are also effective.

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