NOVEMBER

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those to whom they minister. But somewhere, somehow there must surge into their souls the sense of reward

although they look for none.
"The need for Red Cross Service is still great, and Canadian women, I am sure, will no more fail to meet it than will the Canadian men with the forces to do their duty. Out of its present abundance the Canadian Red Cross Society gives 5,000 cases of hospital supplies per month to the French organizations. That action That action is greatly appreciated in France, and will no doubt be an encouragement to every Canadian Red Cross worker."

Questions and Answers. Miscellaneous.

Drain from Sink.

I am considering putting in a drain from a kitchen sink, making outlet of same in a disused ravine 50 feet from sink. Would like to make a concrete drain.

There is only a small quantity of water to be disposed of.

1. How large should drain be?

2. Must it be placed below frost line soil heavy clay?

line, soil heavy clay? 3. Approximately, what quantity of concrete would be needed?

C. W. W. Ans.-A four-inch concrete tile would be large enough to carry all the water It should be placed below the frost line as there will be times when only a little water will be emptied in the sink at once. If it does not contain force enough in itself to flow readily it may freeze in the drain. The next water that comes freezee and conscipulately blocks the drain. reezes and consequently blocks the drain. If tile are used a little over one-third cubic yard of sand and 21/4 bags of cement would be sufficient.

Estimating Weight of Animal.

What is the proper way to measure an animal, in order to tell how much it

How many tons of corn will a silo 12 by 35 feet hold? A silo of this dimension had 20 feet of corn in it last year, but it settled down to 12 feet. How many tons would those 12 feet

Ans.—1 Estimating the weight of stock by measurement can only be done approximately. A rule which was formerly used in the Old Country before scales came generally into use was as follows: The girth and length are measured in inches and the animal's body is considered as a cylinder. In order to find the cubical contents the circumference is divided by twenty-two sevenths. This gives the diameter, which must be squared and multiplied by 7854 which gives the area of the end of the cylinder. Multhe area by the length and you have the cubical contents, divide this by 576 to get the number of imperial stones and multiply by 14 to get the weight in pounds. There is another rule which is sometimes used, but we cannot vouch for its accuracy. Multiply the girth in inches immediately behind the shoulder by the length in inches and divide by 144. if the girth is from three to five feet, multiply by 15; if from 5 to 7 feet multiply by 23; and if from seven to nine feet multiply by 31 to get the number of pounds live weight.

A silo of the dimensions given will hold approximately 84 tons of silage. A cubic foot of silage weighs about 30 pounds which gives 2½ tons in each foot in depth of a silo 12 feet in diameter. Twelve feet would therefore contain 30 tons of silage.

Veterinary.

Ram With Cough.

Three-year-old ram has a bad cough. There is no nasal discharge, but almost chokes sometimes. He lies around and appears dull. F. A. S.

Ans.—The symptoms indicate tuber-Ans.—The symptoms indicate tuper-culosis, for which nothing can be done. If the trouble be some ordinary throat trouble relief can be given by apply-ing mustard mixed with equal parts of oil of turpentine and water to his throat Also give him 10 grains chlorate of potassium and 5 grains quinine three times daily. It would be wise to have him evanined by a veterinarian. him examined by a veterinarian.



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