

QUESTIONS AND ANSWERS. Miscellaneous.

EXPORTERS—SCOTTISH FARMER.

1. Would you give me the names of some of the largest dealers in export cattle in Ontario?

2. Where is the "Scottish Farmer" published?

Ans.—1. See advertising columns of this journal, and answer to similar query in this issue.

2. 93 Hope St., Glasgow, Scotland; A. MacNeillage, editor.

HENS DYING.

What is the cause of hens dying? They get weak and lame, but they eat till they die. Have been feeding them oats.

Ans.—These symptoms might indicate different diseases, as debility, rheumatism, leg weakness, indigestion, etc. Would insure dry, light, clean, comfortable quarters. Give a mixed diet with some animal food throughout the winter. Most probably the lack of this has brought on the complaint. As a tonic and stimulant, you might try some one of the poultry foods advertised in this journal; this with a change of diet and spring weather will effect a cure.

MEADOW—WARBLES.

1. Had a new meadow last year, but hay was too thin. Would you advise me to sow clover on same when snow goes off, and what kind would be best to cut for hay this season?

2. Is there any way to keep warbles out of cows' backs that run on pasture in summer and wintered on straw?

Ans.—1. Yes; sow red clover early on frozen ground, but it may not be ready for the first cutting. If you could get on a light coat of manure, or have wood ashes to spread on the field, it would make a wonderful improvement in the grass crop. This is probably what it needs more than anything else.

2. See article in March 24th issue, on warbles. There is no way to entirely prevent them.

PASTURE GRASS.

What grasses would be best adapted for pasture on a red, sandy soil? Would lucerne be good; and if so, what time would be best to sow the seed, and how long a time would it be before the cattle should be turned on; and how many years would it be good as pasture?

Ans.—We should sow white clover, two pounds; alfalfa, four pounds; alsike, two pounds; red top, four pounds; blue grass, four pounds; red clover, four pounds, with a crop of barley or wheat, or upon a fall-wheat field. Keep the stock off the stubble, and cut for hay the first year; afterwards use for pasture. On such soils a light coat of manure each winter would be of immense value. Such seeding will be good for seven years' pasturing, if a good catch is secured.

WATER IN CELLAR.

Water comes into cellar in spring; is drained, but very shallow, inconvenient to drain deeper; outlet quite a distance. Could it be remedied by cementing? If so, how thick should it be?

1. Would it be advisable to put it down on one heavy coat, or on different coats, allowing first coat to dry before second coat is put on?

2. What proportion of cement and gravel should be used? Would coarse sand or fine gravel do, or is coarse gravel preferable?

3. Would it be advisable to cement up the sides of walls some height? What is the difference between Portland cement and other cement?

Ans.—It would be best to secure drainage; but concrete can be made to turn water. It will always be damp, however, when the water is high. Put the concrete down in two layers, the first six to one of rock cement, or ten to one of Portland; and the second, two to one of rock, or four to one of Portland. The first layer should be at least two inches thick, and the second about one-half inch. Would extend the concrete up the sides first, then the floor would fit close to the walls. Portland is a special mixture of substances ground together in water and afterwards dried and powdered. Rock cement is a natural cement found in rocks; is ground fine, and is then ready for market.

A crop that pays may not pay as well as it should.

Potash

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The long and cold winter has necessitated feeding larger quantities of grain, etc., than usual. The best means of making what you have left go double as far is to feed

Worthington's Canadian Stock Tonic,
10-LB. BOX, 50C. 50-LB. SACK, \$2.
Manufactured only by the Worthington Drug Co., Agricultural Chemists, Guelph, Ont.

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Every watch fully guaranteed. We give this elegant watch free to anyone for selling only 25 packages of Marvel Washing Blue, the great wash-day help. Every body needs bluing. You can sell it quickly. Send your name and address, we will bluing by mail postpaid. You also become a contestant for our extra cash prizes, the 1st of which is \$15. We send handsome gold-finished Scarf Pins and Brooches to give away with the bluing. When sold return us the money, \$2.50 and we will send you at once the handsome watch, also a cash prize certificate. We are giving away these Watches to quickly advertise our business. Write for bluing to-day. Address Marvel Bluing Co., Watch Dept. 555 Toronto, Ont.

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Handsome, upright Steam Engine: powerful and smooth-running; easy to operate; strongly made of steel and brass; bright steel boilers; cannot explode; safety valve, a cam dome, steam pipe, safety lamp and everything complete. A beautiful Engine, fully tested. Send name and address and we will mail you postpaid, 12 packages of Marvel Washing Blue, the great wash-day help, to sell at 1¢ each. You also become a contestant for our extra cash prizes, the first prize of which is \$15.00. Every body needs bluing. When sold return us the money, \$1.25, and we will send you, at once, the handsome Engine—all charges paid, at a cash prize certificate. No more wanted till goods are sold. We take back all you cannot sell. Address, Marvel Bluing Co., Engine Dept. 522 Toronto, Ont.

FEATHER-PULLING.

Kindly inform me what you think is the trouble with my Plymouth Rock hens, and how to cure them. Mostly all the hens are losing their feathers around their necks.

Ans.—This is probably due to the lack of meat food, or it may be that they are lousy. Attend to both conditions, and by the aid of spring weather they should improve.

CLOVER SEED PER ACRE.

What amount of seed of red, alsike and alfalfa clover should be sown to the acre?

Ans.—Ten to twelve of red, five or six of alsike, and fifteen to twenty of alfalfa, when each is to be grown separately. If a mixed meadow is wanted, sow eight of red, four of alsike, and four or five of timothy. Always sow alfalfa alone.

DESTRUCTION OF SHADE TREES.

Can any individual or municipal council cut or destroy shade trees along highway? Trees were not planted, but grew wild along fences.

SUBSCRIBER.

Ans.—Not without permission from the owner of the land adjacent to the highway and nearest to such shade trees, unless under by-law of the council, and when deemed necessary for any purpose of public improvement.

HENS DYING LAME MARE.

1. Some of my hens are unable to walk, and after a few days they die. What is the cause and treatment of this disease?

2. Mare, four years old, got a kick on the hip joint about six weeks ago. Got some liniment from the veterinary, and applied, but the mare is still lame. What can I do for her?

Ans.—1. See that they are free from lice, and not too fat. Provide plenty of exercise by giving them scratching litter. It may be that they have roup, but the symptoms given are not full enough to decide.

2. Give her rest and more time to recover. Rub the liniment well in, and otherwise give her a chance.

CUTTING LOGS—GINSENG.

1. When logs are custom sawed at a mill, can the owner of the mill legally claim the slabs or sawdust. In buying logs is it legal for the buyer to measure the small end, or should he measure both ends, and strike an average?

2. Will ginseng thrive in an ordinary bush, and where can I obtain seeds or cuttings (whichever is preferable for starting) most conveniently?

Ans.—1. In such cases, the custom rate is generally fixed on the assumption that the mill owner gets the slabs and sawdust. If he did not the custom rate should be stated, as the former practice is so common that it is always understood. The log-measure is always laid on the small end.

2. Yes; on the ordinary Canadian loam soil. A. J. Martin, Kinmount, Ontario, advertised seed and cuttings for sale last fall.

KEEPING PICKLED BEEF.

Would you give me a good recipe for keeping a large quantity of pickled beef through the hot summer months?

Ans.—The following has been recommended: For fifty pounds of meat, take two gallons of water, four pounds of salt, two pounds of brown sugar, with one ounce of saltpetre. Let boil for ten minutes, skim well, remove from fire, and let stand until cold. Put the pieces of meat in a cask, cover with brine, weight the meat under, cover the top, and set in a cool, dark place. A piece of beef left in this pickle a few days makes the best of corned beef. If left in several weeks, soak over night before using. A handful of mace and cloves thrown into the brine will improve the flavor. If the brine becomes sour drain off, boil, skim well, and pour back upon the meat when cooled. In boiling salt beef, a good flavor is imparted by the following method: Mix tablespoonful of vinegar, same of Worcester sauce, and of stout or beer, add a tablespoonful of brown sugar, a teaspoonful dry mustard, a few cloves and allspice. Stir well, and add to the water in which the beef is boiling, just before it is done. Then let the meat remain in the pot until cool. Attention should be given that brine keeps sweet, and that the meat does not get too "soggy." In some cases, it is smoked and hung in a cool, dark place, but this makes dried beef.

ABORTION

Retention of Placenta and Failure to Breed

Kellogg's Condition Powder

Is a positive cure for these diseases. Prevents scours in calves and garlic in milk. Indorsed by the Iowa Agricultural College, Ames, Ia., and hundreds of the most prominent breeders. Write for booklet giving full information, price list and testimonials. Address

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Four bulls 10 to 14 months, also one 2 years. Good individuals; registered in American Herdbook.

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Sired by Imp. Island Heirloom of Dentonia 7394, and out of Imp. Honesty of Dentonia 13848. Dropped April 15, 1902. Sure and right in every way. For particulars write

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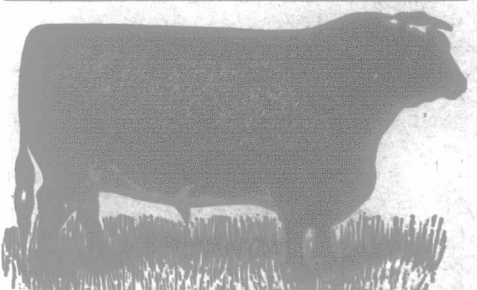
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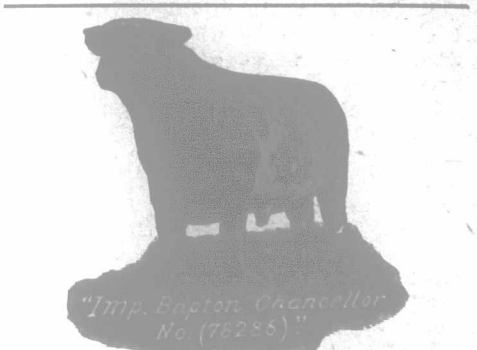
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