

QUESTIONS AND ANSWERS. Miscellaneous.

DITCHES AND WATERCOURSES LAWS—RURAL DELIVERY.

1. Where can I obtain literature regarding the laws of the ditches and watercourses of the Province of Ontario?
2. Is there any annual fee or expense in connection with rural-mail delivery, to the owner of mailbox, except the first cost of box?

D. M. D.

Ans.—1. Consult the Ontario Statutes. Queries addressed to the Department of Agriculture, Toronto, or to Prof. W. H. Day, O. A. C., Guelph, would be answered courteously.

2. There is no annual fee in connection with rural-mail delivery in Canada.

SILO QUERIES.

1. How many tons of silage would a silo 14 feet by 30 feet hold?
2. How many acres of corn would it take to fill it, corn growing very heavy on our farm?
3. How much plank would it take to build a stave silo of this size?
4. About how much would it cost?

J. A. T.

Ans.—1. If silo were filled to the top with settled silage, it would contain, approximately, 120 tons. Filled to a depth of 25 feet, there would be 100 tons or over.

2. From five to eight acres of good corn would fill it.

3. If made of 1½-inch plank, about 2,000 feet would be needed.

4. The cost for material would be about \$80 for lumber, and \$15 to \$20 for hoops.

MILLET FOR HAY—NITRATE OF SODA ON MEADOW.

I am thinking of sowing millet, to be cut for hay.

1. Would this plant likely give as large an amount of fodder as peas, or vetches and oats, would?

2. Is millet hay relished by horses, cattle and sheep, and is it a safe feed for same?

3. What are the best varieties, and what the best methods of sowing, and quantity of seed per acre?

4. Would an application of nitrate of soda on meadow land and forage crops increase the yield where the land is fairly fertile?

5. How much would you advise using per acre, and when should it be applied?

C. P.

Ans.—1. In favorable seasons, millet will give large yields of fodder, as large probably as would peas, or vetches and oats. It is not usually sown in place of these, however, but as a catch crop which can be sown late. Millet may not suit Prince Edward Island weather conditions as well as those in the Provinces where the summer is warmer. It delights in warm weather.

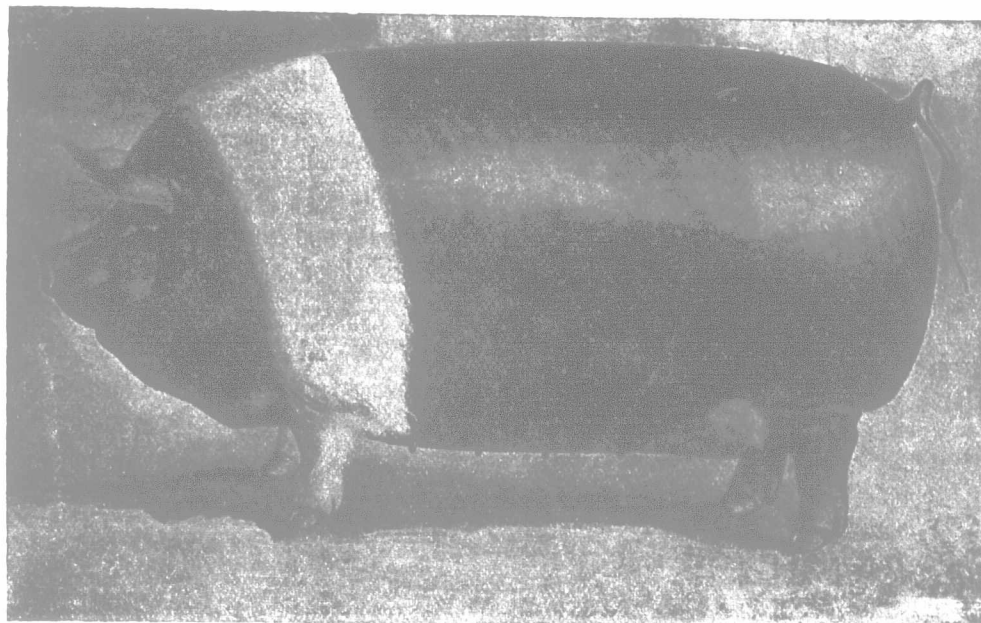
2. Millet hay is relished by stock if cut shortly after it is headed out, but if left until partially ripe it is woody and unpalatable. It is a perfectly safe feed for cattle and sheep, but instances of trouble have been noted when fed to horses as their sole roughage for lengthened periods. Fed in moderation, and as part of the ration, there is no danger.

3. Either common millet or Hungarian grass would probably suit P. E. I. conditions as well as any. A very heavy yielding variety, the Japanese Panicum is late in maturing. Sowing is usually done broadcast, by hand, on land that has been worked into fine, smooth condition. Cover the seed by harrowing and rolling. About three pecks per acre is the amount usually sown.

4. An application of nitrate of soda to meadow land or forage crops would certainly increase the yield; though a complete fertilizer, that is, one containing phosphoric acid and potash, in addition to nitrogen, would probably be more effective and economical. The potash and phosphates, however, should have been applied last fall, or early in the spring.

5. From 100 to 200 pounds per acre of nitrate of soda is recommended. Make two applications, the first after growth has started, and the second two weeks later.

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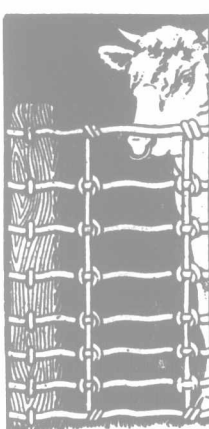


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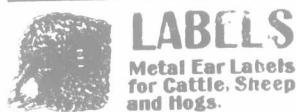
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