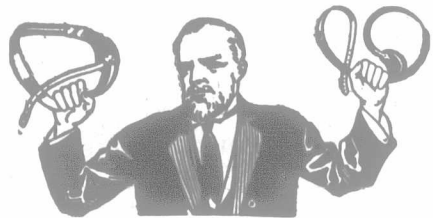


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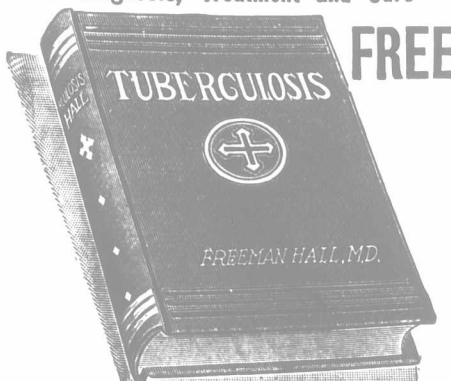
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CATARRH SNUFF
5¢ AT ALL DRUG STORES OR SENT PRE-PAID BY C. M. KEITH, CLEVELAND, OHIO

QUESTIONS AND ANSWERS. Veterinary.

GOITRE.

Bull terrier pup four months old has a large neck. Is it contagious, and will it cause the pup to go mad?

J. G. E.

Ans.—This is due to enlarged thyroid glands, and is called goitre. It is not contagious, neither will it cause rabies. Get an ointment made of 1 dram each of iodine and iodide of potassium, mixed with 1 ounce vaseline. Rub a little of this well in once daily.

V.

Miscellaneous

DUTY ON EGGS.

Can you inform me what the duty on eggs from the United States into Canada will be?

S. A.

Ans.—Three cents per dozen.

MISCELLANEOUS.

1. Give address of Mr. Burrell, Minister of Agriculture.
2. To whom should I write for information on underdraining?

3. Have a field pastured for several years. In spots there is no grass. Is there anything you could recommend to sow on it without plowing, to make pasture for next summer?

4. What is the best oats and barley to sow for mixed grain, and in what proportion?

5. Which is the cheaper to buy for dairy cows, oil cake at \$2.25, or cotton seed at \$1.90 per cwt.?

P. M.

Ans.—L. Hon. Martin Burrell, Minister of Agriculture, Ottawa, Ont.
2. Prof. Wm. H. Day, O.A.C., Guelph, Ont.

3. Why are these spots bare? Is the land sour or otherwise ill-conditioned? If not, you might disk up the spots and sow Prof. Zavitz's mixture of 51 pounds oats, 30 pounds Early Amber sugar cane, and 7 pounds Red clover. If the patches are too small and scattering to work, you might simply sow red clover, alsike and orchard grass, and harrow in.

4. Daubeney oats and Mandscheuri barley, one bushel of each per acre.

5. In limited quantities, the cotton-seed meal, if of high grade, is the more economical for mature cattle, but is poison for hogs, and not the best for calves. Oil cake is a safer feed.

DOUBTS CONCERNING SILAGE.

I observe with pleasure that you are not averse to present both sides of a question in your magazine. I would like to hear what the "Other Side" have to say about silos and silage. Although silage has always been highly recommended by the farm papers and station bulletins, I would like to get your answer to the following questions:

1. Does corn silage injure the teeth of cattle?

2. Do cattle, fed on silage during the winter, "go back" when put on grass; or, at any rate, do less well than though fed dry feed?

3. Does silage injure the digestion of cattle? I have heard many say it does?

4. Is a milk cow's period of utility materially lessened by feeding silage?

5. What difference is there in the nutritive ratio between cured corn and corn silage?

P. T. O.

Ans.—1. Possibly, to a slight extent, but the effect of good silage is so slight as to be practically negligible.

2. Our experience is that cattle going from silage to grass are less affected by the change than those going from dry feed to grass. The change is not so radical, and the usual spring scouring is therefore less pronounced.

3. Good silage, fed in reasonable quantities, does not, at least, not materially. Not long ago, George Rice reported in these columns that the famous Holstein cow, Calamity Jane, had lived to the age of eighteen years, or thereabouts, eating silage. If we mistake not, every year of her life. It certainly could not have been a very quick poison in her case.

4. No.

5. Not much. So far as the RATIO is concerned, the cured fodder may have a slight advantage, but in total feeding value, the silage is ahead. An acre of silage will make more milk or beef than an acre of cured corn, under ordinary conditions, at any rate.

LIVINGSTON'S Oil Cake and Meal are guaranteed absolutely pure.

They are made by the Old Patent Process—and will keep as long as you like.

Careful tests have proved them to be the most easy-to-digest of all cattle feeds—95% goes to build muscle, tissue and health.

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THIS IS THE BREEDER'S CHANCE

Prepare to attend Canada's great Heavy Horse Sale.

Make a note of the date in case you lose this paper. Entry books for the above sales close February 15th, 1912. J. Herbert Smith, Man.

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We have for service this season the Champion Imp. Clydesdale stallions Netherlea, by Pride of Bacon, dam by Sir Everard; also Lord Aberdeen, by Netherlea, and the Champion Hackney stallion Terrington Lucifer, by Copper King. For terms and rates apply to the manager.

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