

COLUMBIA

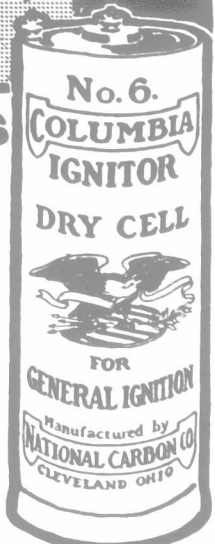


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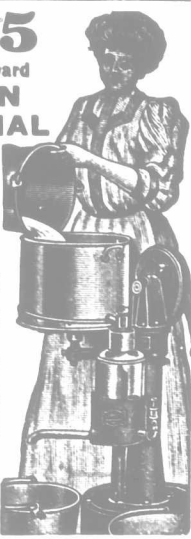
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Questions and Answers.
Miscellaneous.

Adopting Young Boys.

Could you tell me, through the columns of your paper, where I could secure a Belgian boy to assist in farm work. If there are none out in this country, could you tell me where I could get a Scotch boy?

Ans.—Write to the Department of Immigration, Parliament Buildings, Toronto, and get full information. That Department is in charge of the work.

Test of Cream—Fertilizer for Wheat.

1. One hundred and twelve pounds of cream make forty-eight pounds of butter. What did the cream test?

2. In view of the high price of winter wheat and other grains, would it not be wise to apply some fertilizer to the winter wheat next spring? If so, which would you consider best? I fancy nitrate of soda should be quite satisfactory for wheat as it is generally considered best to apply it after the crop has started to grow, say, two or three inches tall.

Ans.—1. It would be impossible for anyone to say exactly what the cream would test. However, assuming certain things, we can figure it out somewhere near what it should be. Butter is not all butter-fat. It contains a variable amount of water, salt, some buttermilk, and other ingredients. Generally speaking, 100 pounds of butter would contain about 16 pounds of water, salt, etc. It might contain 20, but we are figuring it on a basis of 16-per-cent. over-run as it is called. Under these conditions, there would be 40.32 pounds of butter-fat, which would make the cream test 36 per cent. However, in order to be accurate, the cream should be tested by the Babcock test, which may be done at some creamery, or by sending a sample to the Ontario Agricultural College.

2. Nitrate of soda would be a very good fertilizer to force a crop of fall wheat along. It would start it off very vigorously in the spring, and from 80 to 100 pounds per acre would be a fair application. In addition to this, any grain crop which is producing a large amount of seed, which is the function of a grain crop, requires phosphates in some shape or form, and if the soil happens to be deficient in this ingredient, the nitrate of soda would not have as good effect as it otherwise would have, in that the grain would not develop to its fullest extent. Perhaps the most available form of phosphate is acid phosphate, and from 200 to 250 pounds of this ingredient would become available fairly quickly and return some results during the first season. Basic slag and bone meal are other forms in which phosphate may be procured. Basic slag is fairly quickly available, while bone meal is more slow.

Veterinary.

Growth on Lip.

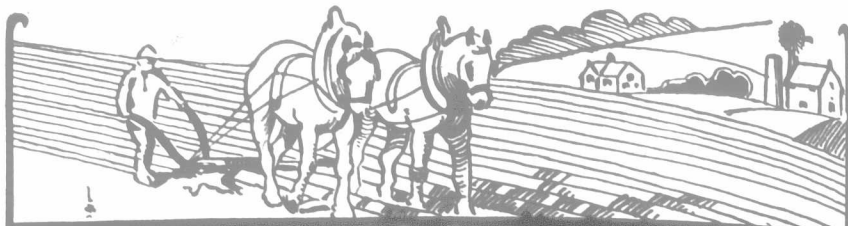
Three-year-old colt has a fungus growth on upper lip, right along the gum. It has been cut off and caustic applied, but it continues to grow.

Ans.—It has been properly treated, but it will be wise to operate again, and cut as deeply as safely can be done, and then apply caustics regularly, as butter of antimony applied with a feather once daily until apparently all the diseased tissue has been destroyed. It may be a malignant growth, and if so, it will continue to grow, and all that can be done is continue to treat.

Weak Knees.

Three-year-old round colt has weak knees. He has not gone over on them, but is just weak.

Ans.—Local application does no good. Keep him in a box stall and feed off the floor. If you cannot do this, keep in a single stall with a level floor, remove manure and feed him, and feed off the floor in order that he will have to get his head down. Do not keep him in a stall that is higher in front than behind. If you have to have him shod, use shoes with very low calkin and keep the feet as level as possible. It is probable that if he is put to hard road work that his knees will go forward and notwithstanding all precautions, rest only if he is allowed to rest when going down hill.

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