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than is strictly necessary. Most frequently though, the fault will be found to lie with the consumer. The manufacturer has found that when he can make a well-balanced, high-grade fertilizer to sell at say \$30.00 a ton, the consumer may refuse to pay more than \$22.00. Here is a demand for a cheap fertilizer, so in order to meet it the manufacturer dilutes his high-grade brands with some cheap materials to such an extent that he will be able to sell it at the price the consumer is willing to pay. Of course, all this extra work and materials cost money, which later is sure to turn up in the bill presented to the consumer. As a result, his plant food costs him ten to twenty-five per cent. more than it would cost in a high-grade fertilizer at a higher price per ton.

Some manufacturers claim superiority for their brands, because of the materials they use as a filler. When the filler is also a plant food these claims may be sound, but when it is merely diluent, containing no plant food, even though used in a legitimate way, there would seem to be no ground for special merit. What would you think of a grocer who claimed to use a particularly meritorious quality of sand in his sugar?

When a filler is worked into a brand of fertilizer with the object of making it more convenient to handle it must, I suppose, be accepted as one of the necessary evils. If, however, the object is to expand the profit of the manufacturer that is another story. About the only practical remedy is for the farmer to refuse to buy the diluted goods. What he wants is to make a dollar buy as much plant food as possible. To do this he must stop investing his money in useless filler because it looks cheaper, and buy only a high-grade article because it is cheaper in the fact that it possesses the advantage of producing results.

Elgin Co., Ont. AGRICOLA.

Questions and Answers.

Miscellaneous.

Indigestion—Spavin.

I have a cow that ceased giving milk for a few days on two different occasions last fall, but she came back to her milk again. This spring she lost her calf one month before she was due to freshen. A week ago she aborted and is now in milk. She did not do well the past two winters, although she was well fed. She has a cough and moans a good deal. Her appetite is very poor this spring. What treatment would you advise?

2. I have a two-year-old mare that has a bog spavin on one leg. It came on last summer and she goes lame occasionally. What would you advise doing for it?

Ans. 1. The failing to give milk and loss of appetite at intervals are symptoms of an animal affected with indigestion. Treatment is to purge with 1½ lbs. Epsom salts and one ounce ginger, followed by 2 drams nux vomica three times daily and good feed. If the afterbirth was not completely removed at the time of calving it might cause the cow to lose in flesh. However, the cough is a symptom of tuberculosis, for which nothing can be done. If she is affected with this disease she should be isolated from the herd to prevent infection. It would be wise to have your cow tested with tuberculin, and if there is a reaction it would indicate that the cow is diseased.

2. Get a blister made of 2 drams each of biniodide of mercury and cantharides mixed with 2 ounces vasoline. Clip the hair off the parts, tie her so that she cannot bite the parts, rub well with the blister once daily for two days, and on the third day apply sweet oil. Allow her to run loose in a box stall, and oil the blistered part daily until the scale comes off, then blister again. It may be necessary to blister several times, as these sores are hard to remove and are liable to recur. Blisters should remove the lameness.

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