

## QUESTIONS AND ANSWERS

### Sick Horse

I have a young mare, 3 years old. There is something the matter with her. I can feed her the best of food and she will not eat; she will only peck it over and look around as if she needed something better. The only thing she will eat is a drench. She is very thin. When in the stable she stands with her off hind leg two sided. Then she will often turn to raised and her head turned round to her flanks, and will stand like this perfectly still. Her bowels will rumble almost to her very chest. She will then move her nose from the flank's upper side towards her chest (the off-side). Then she will often turn to the near side. She has light, seems bright, and has a good eye. She has been fed almost on anything a horse will eat, but nothing will entice her. She will not swallow a drench. I have seen horses drenched through the nostrils with ease. Is there danger in this style of drenching?—Subscriber, Brant Co., Ont.

The mare seems to have some trouble with her digestive organs. It may be intestinal parasites (worms). Should it be worms, which it is impossible to say definitely from the description, a purgative treatment is advisable. Give turpentine and oil on an empty stomach once or twice, followed by an aloetic purgative. Afterwards small doses of sulphate of iron, morning and evening, in her feed would be of benefit.

There is great danger in drenching through the nostrils, and if the mare will not take a drench, we would advise consulting some competent veterinary surgeon in the district. The mare is suffering and it would be advisable to consult one in any case.

### Fertilizers for Sugar Beets

I should like your opinion in regard to using fertilizers on land that is a little run down, and on which I wish to raise sugar beets. I have not the amount of manure that I need for the land, as I came on the place last spring. Please give all the information you can, where fertilizers can be got and how much is necessary per acre.

A. McL., Kent Co., Ont.

As a rule the heaviest yields of sugar beets and beets containing the highest percentage of sugar in the juice are produced on rather heavy, well drained and fertile clay soils. When possible loam soils should always be selected for sugar beets. The ground is better plowed about 8 or 9 inches in the fall. If left till the spring it should be plowed early, so that capillarity may be restored before the dry weather sets in. In any case the soil should be thoroughly cultivated, harrowed and put in perfect tilth. As to fertilizers, stable manure applied to the crop of the preceding year will give good satisfaction. When applied directly to the crop it is likely to increase the yield, but to lower greatly the sugar content of the beet. If you have not been able to get manure on the land the past season, it might be well to try some other fertilizers. Of the commercial fertilizers phosphoric acid and potash are the most essential. Potash may be applied in the form of sulphate of

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