

ANSWERS TO INQUIRIES.

IN order to ensure reply to questions, correspondents must give their name and address, not necessarily for publication, but as a guarantee of good faith. Letters should be addressed to the Editor.

TROUBLE WITH DRAUGHT MARE.

“SUBSCRIBER,” Ashburton :—

I would be obliged for advice in connection with a mare about eight years of age. She takes bad turns when in work, at irregular times. As soon as unyoked she stands, sweats all over, and blood-tinged froth runs from both nostrils. These turns pass off in a few hours and she then appears to be quite normal. She is in good condition.

The Live-stock Division :—

This case appears to be an unusual one, and a definite opinion would necessitate a personal examination. From the symptoms described the trouble may be due to a hyperæmia (congestion) of the lungs resulting from overheating by hard or fast work. Injuries to the mucous membrane of the air-passages, or tumours occurring therein, might produce symptoms similar to those described; and bleeding from the nostrils is sometimes a symptom of heart-disease. It is presumed that the collar has been examined, as an ill-fitting one may be a contributory cause; also that care has been taken not to feed with dusty or mouldy fodder, which tends to irritate the mucous membrane. In the circumstances you are advised to consult a qualified veterinary surgeon.

MAKING BASIC SUPER.

L. J. W., Whatoro :—

Please advise me as to the ingredients required and quantity of each for making a ton of basic super.

The Chemist :—

Basic super may be easily prepared by intimately mixing ordinary superphosphate with slaked lime. Fifteen per cent. of lime is sufficient to revert the water-soluble phosphate, therefore 17 cwt. of superphosphate should be mixed with $2\frac{1}{2}$ to 3 cwt. of slaked lime of good quality.

GLASSY CORE IN APPLES.

W. McMULLEIN, Waimamaku :—

Would you kindly inform me what causes apples to have a glassy, watery-looking core? I have some young trees which have been bearing about two years; one variety in particular, an Irish Peach, has been affected both seasons. This tree is a vigorous grower and well looked after.

The Horticulture Division :—

The condition of glassy core in apples is due to excessive water in the affected tissues, and usually is troublesome only in small crops on young trees in particularly vigorous condition. Such fruit stored in a somewhat dry atmosphere for a short time often recovers from the trouble.

SHORT WIND AND FROTHING IN HORSE.

“AGRICOLA,” Hinds :—

I have a draught mare which is a good worker but has always been very short-winded (though not a loud roarer), and froths at the mouth a good deal while at work. Even the bottom of the manger is often almost covered with froth which comes from her while she is licking rock salt. She has always been well fed and never overworked by me. Could you kindly give me your opinion and a treatment?