

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.

CHEESE-YIELD FROM FRIESIAN AND JERSEY MILK.

'ANONYMOUS,' Hastings :—

Does the milk of a Friesian cow with a 3.6 butterfat test produce more or less cheese than that of a Jersey cow with a 5.0 test, the milk being in equal quantity?

The Dairy Division :—

Under ordinary working-conditions there will be quite a variation in the yield of cheese from the two milks. The richer milk not only contains more fat, but also more casein. These are the two principal solids of milk which are found in cheese. The casein content varies in milks from different cows of the same breed, but if we assume that the Friesian milk contained 2.3 per cent. casein and the Jersey 3 per cent., the yield of cheese from 100 lb. of the Friesian milk would probably be about 9.6 lb., and from 100 lb. of the Jersey milk 13 lb.

ABORTION - CONTAMINATED PADDOCKS.

M. A. W., Tirau :—

I have been unfortunate in having some of my cows and heifers affected with abortion after carrying their calves about eight months. The animals have been confined to two small paddocks which are used as calf and bull paddocks during the early part of the milking season. Kindly inform me if any harm will result from the present use of the paddocks.

The Live-stock Division :—

It is not advisable to graze either bulls or calves on paddocks contaminated by the discharge from aborted cows. Such paddocks should be kept free of cattle for at least six months. Probably the best procedure would be either to graze sheep there or cultivate the paddocks.

HUBAM CLOVER.

"ONE IN DOUBT," Mangaohae :—

Will you kindly give any information you may have as to the usefulness of Hubam clover? Is it an annual or a perennial, and has it any advantages for particular purposes or positions, as compared with other clovers?

The Fields Division :—

Sweet or Hubam clover (*Melilotus alba* var.) is a biennial, and should be sown in the spring at the rate of 10 lb. per acre on a well-consolidated seed-bed. Seed can be obtained from Messrs. Law-Somner Proprietary (Limited), Block Place and Swanson Street, Melbourne. Sweet clover, except in its young stages, is not relished by stock on account of its bitter taste. The stems become woody at flowering-time, and hence the crop is not very palatable either as hay or ensilage. It shows no advantage over our ordinary forage crops.

LUPINS FOR ORCHARD GREEN-MANURING.

R. S., Ripponvale :—

Would you kindly inform me the best kind of lupin to sow for green manure in an orchard; also what quantity of seed and superphosphate to sow per acre, and where good reliable seed could be procured?