

QUESTIONS AND ANSWERS.
veterinary.

LUMP ON HOCK.

Horse has hard lump on outside of hock. I have been blistering lightly every three days for six months with little effect. How can I avoid the hair standing on it?
C. E. G.

Ans.—Cease the slight blistering, and blister with the prescription and in the manner recommended P. C. LeF., this issue. The hair will lie flat when blistering ceases, if you oil it regularly after each application.
V.

TWO FOALS.

Some time in February we wrote you in reference to a mare that was due to foal the last of May. She had a large bag with wax on teats, and to all appearance was ready for foaling. We watched her for a few nights, expecting her to have a dead foal. Your advice to us then was to take off the feed, which we did, and after two weeks the bag disappeared. She foaled on June 2nd, and had two colts—one alive and one dead. The dead one was about the size of a lamb, and as black as the stove. The live one was very poor, but is doing well. Did you or your readers ever hear of a case of this kind? I can not find anyone that did.
J. E. D.

Miscellaneous.

SHORT-TURNING HAY RACK.

I have a hay loader, and find it would make it much handier if I had a hay rack that the front wheels would turn in under, so as to admit of turning about short. Could you give me a pattern? Dimensions of rack: length, 13 feet; width between stakes on bunk, 3 feet 4 inches. Please publish in next issue, if possible.
B. M. C.

Ans.—While we have an indistinct recollection of having seen such a rack, we are not able to give description or directions for making it. If any reader can supply the information, kindly write the "Farmer's Advocate" at once, giving description and method of making.

THE CARPET BEETLE ON SPIRÆA.

We have two very handsome Spiræas, which are covered with the buffalo carpet beetle, in its first stages. Can you tell me if anything can be done to destroy it without killing the bush?
E. B. H.

Ans.—The carpet beetle which you found so plentifully on your Spiræas does no harm in its adult stage. The beetles live upon the pollen of many kinds of flowering plants, such as tulips, fruit trees, Spiræas, etc. It is only in the larval stage, when it is usually known as the "buffalo bug," that it is troublesome. It often becomes a veritable pest in destroying carpets, rugs, and woollens, in which the larvæ develop. It may be destroyed in the adult stage by spraying the bushes with some arsenical poison, such as Paris green or white arsenic, but it is likely that this would result in more harm than good, as many beneficial insects, such as the bees, would likewise be destroyed. The best method is to fight it in the larval stage by affording it no harbor in the house.
H. L. HUTT,
Ontario Agricultural College.

NITRATE OF SODA IN SMALL QUANTITIES.

What quantity of water should I use with half an ounce of nitrate of soda to fertilize tomatoes, melons, etc., also what quantity to use on each plant and how often it may be applied?
SUBSCRIBER.

Ans.—Nitrate of soda used in small quantities may be dissolved in water at the rate of one-half to one ounce to the gallon of water. The quantity to apply to each plant will depend largely upon the size of the plant, but sufficient should be used to carry the water to the roots, or, failing this, all of the ground through which the roots spread should be moistened, and rain or extra water will be necessary to carry the nitrate down to where the roots can make use of it. Small applications, such as this, may be made two or three times at intervals of a week or ten days, when the plants are making rapid growth. There may be a danger of applying too much nitrate to tomatoes, where the plants are on good rich ground and are inclined to run to vine rather than fruit. In such cases, potash or phosphoric acid will probably be of more use than nitrate of soda.
H. L. HUTT,
Ontario Agricultural College.

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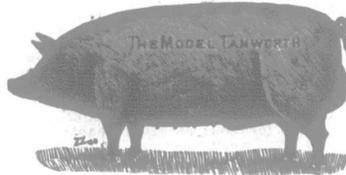
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Grafton Station.

TAMWORTHS

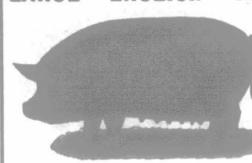
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