

one made somewhere in the United States that will sow one row of seed and fertilizer at each side of the row, but we do not know the address of the maker. If any reader can supply the information required we shall be glad to hear from him.

3.—Gasoline engines are certain to come into more or less general use for farm work. They are in great demand in the United States for this purpose, and are becoming more popular in Canada. They have several advantages over the ordinary steam engine both as to cheapness and utility.

SICK CAT

We have a cat that has broken out on its head and feet. Always biting and scratching itself. Wants to be outside. What is the matter with it?—J. H. S., Mulgrave, Ont.

It is hard to state from the meagre account given what is the matter with the cat. The scratching and biting would indicate that the outbreak is a dry one. The following simple remedy has proven satisfactory in several similar cases: Make a thick paste of gunpowder and train-oil and apply it to the sore spots say three times a day. If the cat licks the ointment off so much the better. A diet of bread and milk will suit best till the soreness has gone. If this treatment does not prove effective send fuller particulars.

HORSE WITH LUMP ON FETLOCK

While driving a month ago my horse frightened, and jumping quickly, sprained the hind fetlock. No hair came off nor was there any cut. The horse showed lameness, which afterwards went away. I bathed it and rubbed liniment on, but there is a thickening and lump on the cords above the fetlock. I don't want to blister or take the hair off, but want something to absorb the lump away.—D. D., Fairville, N.B.

It is hard to prescribe definitely a course of treatment without knowing more about the nature of the lump, whether it is hard or soft. Evidently the horse sprained itself severely, but an after-swelling in such cases is generally accompanied by inflammation and consequent lameness. You say the horse is not lame. You cannot go wrong, however, in applying iodine liniment morning and night to the affected portions. If not sore to the touch, a minute or two spent frequently in gently rubbing with the hand will be found effective. As to bandaging, you will have to use your own discretion as to tightness, which would be regulated by any existing inflammation. If the horse is a valuable one, and the iodine treatment does not prove effective, it might be well to consult a competent veterinary surgeon.

PIN WORMS IN HORSES

In replying to an enquiry in last issue on this topic, by some mistake raw linseed meal was substituted for raw linseed oil as one of the ingredients for the purgative to be given. As the oil and turpentine were mentioned above, readers will, no doubt, have recognized that using the word "meal" instead of "oil" was an error.

SKIN DISEASE IN HORSES

I have an old mare about seventeen years of age that is troubled with some kind of skin disease, affecting particularly about the mane and root of tail, also inside of thighs. She is rubbing and scratching continually; also keeps very thin. I also have two colts affected the same way. What is

the probable cause, and the remedy for the same?—H. A. J., Perm, Ont.

Itchy skins on horses are caused mostly, when not due to mange or hen lice, by a heated, surfeited condition of the body, and which manifests itself by the horse scratching and biting the itchy parts continually. A good remedy for such cases is a purgative made as follows: Barbadose aloes, 3 drachms; ginger, 1 drachm; gentian root, 1 drachm; syrup of soap, enough to combine the foregoing; powder and mix. Make a ball and give as one dose.

When the horse has finished purging give a tablespoonful of the following in bran mash night and morning 4 ozs. Epsom salts, 2 ozs. nitrate of potash, 4 ozs. linseed meal, mixed together. Wash the horse well with soap and water, and when dry sponge over with vinegar. If practicable, give green food for a month.

PARASITIC BRONCHITIS IN SHEEP

In Feb. 2nd issue, G. H. K., Elgin Co., reported a rather peculiar case of scours in his sheep. On the advice of Prof. Day, who replied to his enquiry, a post-mortem examination was held by a competent veterinary. A copy of the veterinary surgeon's report and specimens of the lungs and their contents have been received, and

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