

Horse Owners! Use



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A Safe, Speedy, and Positive Cure
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUSTICS OR FILING. Impossible to produce scar or blinding. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.
The Lawrence-Williams Co., Toronto, Ont.

LAMENESS from a Bone Spavin, Ring Bone, Splint, Carb, Side Bone or similar trouble can be stopped with

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ABSORBINE, JR., for mankind, \$1 a bottle, removes Painful Swellings, Enlarged Glands, Gout, Wens, Bruises, Varicose Veins, Varicocitis, Old Sores, Allays Pain.
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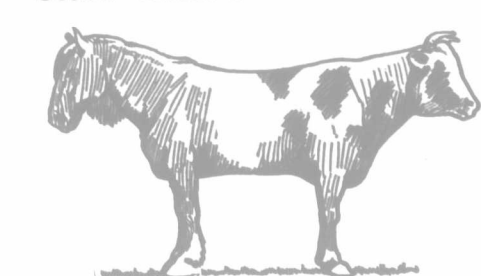
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Lump Jaw

The first remedy to cure Lump Jaw was
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The remedies in this chest are the finest preparations known to veterinary medicinal science the world over. For all the common ailments affecting horses and cattle these remedies may be used with the BEST RESULTS. Full instructions and veterinary advice sent with each chest. Price \$3.00. Cash with order or C. O. D.
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WATER TO HOUSE AND BARN

A well on a farm is at present supplying, on one side, 150 feet distant, a house; and on the opposite side, say 200 feet distant, the stock. Both family and stock come to the well for water. The well is 30 feet deep. Its top is 7 or 8 feet higher than the ground floor of the house, and, say one foot lower than the floor of the stable, above which is a mow for grain, and underneath a manure cellar. It is believed that a windmill would not work satisfactorily on account of the proximity of trees. Has The FARMER'S ADVOCATE any information as to the "how and cost" of getting water from said well to the house without going to the pump, and to the cattle without their going to the trough?
A. H. S.

Ans.—There are various ways in which water may be delivered at the point of use. Tanks might be built in the attic of the house and the mow of the barn, and water pumped to these by means of either gasoline or hot-air engines, pipes leading down from the tanks to the points of use. If this system were adopted, an engine and pump, such as are advertised in The FARMER'S ADVOCATE, could be used for the pumping. It consists of a gasoline engine and pump combined, and costs about \$190. A hot-air engine would also do the work very well.

There is another system which might be termed an air-pressure system. In this an iron cylinder similar to the hot water boiler in common use, but larger, is attached to a pump driven by hot-air or gasoline engine, and pipes leading



MILKING TIME

from the cylinder to points of use. As pumping proceeds, water is forced into the cylinder, which is already full of air, and soon a high pressure is generated. When a tap at house or barn is opened, the air pressure forces the water from the tank through the pipe and out at the top. This method has the advantage that the tank may be placed in the basement, away from frost, and avoiding the danger of damage by water should any leakage occur. A hot-air engine suitable for this system can be got for about \$100, and a tank for about \$100, the iron pipe costing somewhere in the neighborhood of the following prices: 3-inch pipe, black, 3 cents per foot; galvanized, 5 cents per foot; 4-inch pipe, 6 cents to 9 cents; 1-inch pipe, 8 cents to 12 cents; 1 1/2-inch pipe, 10 cents to 15 cents. Knowing distances and size of pipe, the price of piping and also that of fittings can be added to the cost of the engine and tank and the approximate total cost arrived at.

THINKS HORSE HAS FARCY

After a couple of days' rest, one hind leg of aged horse swelled, and he went very lame. In about a week ulcers began to form, and are continuing to form, burst, and discharge matter, then form again, etc. This has been going on for about five weeks. I think it is farcy.

G. H. H.

Ans.—The first symptoms are those of lymphangitis or weed, but he would have recovered from that before this. The formation of ulcers

that refuse to heal is suspicious of farcy. If you are correct in your diagnosis, the horse must be destroyed, as farcy is identical with glanders, although the symptoms are different. If this horse has not recovered before you see this, send for your veterinarian, and if there are any indications of farcy he will notify the Department of Agriculture, at Ottawa, and the nearest Government Inspector. Your horse will be inspected, and if he has farcy, will be destroyed, and you remunerated.

UNTHRIFTY COW

Cow has been unthrifty for a year. When chewing, saliva runs from her mouth. She has a good appetite, but is very thin, and does not give as much milk as she should. She calved a month ago.
W. F. J.

Ans.—She has either defective teeth or a form of actinomycosis, called wooden-tongue. If the former, her teeth must be dressed by a veterinarian. If the latter, give her the iodide of potassium treatment for lump-jaw. This consists in giving iodide of potassium three times daily. Commence with one-dram doses, and increase the doses by one-half dram daily until appetite and desire for water fail, tears run from her eyes, and the skin becomes scurfy. When any of these symptoms become well marked, cease giving the drug. Repeat treatment, if necessary, in two months.
V.



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