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QUESTIONS AND ANSWERS. Veterinary.

IODIDE OF POTASSIUM TREATMENT FOR LUMP JAW.

1. Describe the iodide of potassium treatment for lump jaw.

2. How soon after treatment is it safe to feed for beef?

3. Does external treatment only usually effect a cure?

4. In the case of a young cow that has had the disease for a year, would it be profitable to treat and fatten? She is quite thin now.

Ans.—1. Give the drug three times daily by dissolving the dose in a pint of warm water and sprinkling on the food, or giving as a drench. Commence with dram doses, and increase the dose by half a dram daily, until iodism is produced. This is indicated by loss of appetite and thirst, a discharge from eyes and mouth and a scurfiness of the skin. When any of these symptoms appear, cease giving the drug. If this does not effect a cure, repeat treatment in six to eight weeks.

2. As soon as a cure has been effected.

3. No.

4. In order that treatment may be effective, it should be given in the early stages. Even then it will not in all cases cure, and in many cases, especially where there is considerable enlargement of bone, the lump does not disappear, though the disease may be arrested. It is very difficult in some cases to say whether or not a cure has been effected. It is doubtful if treatment would be effective in this case, and if the thin condition of the animal is due to the disease it would be more profitable to destroy than to treat her.

Ontario Department of Agriculture.

Provincial Auction Sales

OF

PURE-BRED CATTLE

Registered,

(150 head, males and females, of beef breeds) will be held at the following points:

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All stock inspected before being accepted. Only good representatives of the various breeds will be offered.

Special Inducement to Purchasers in Ontario:

Freight Paid: The freight on any animals purchased at these sales by residents of Ontario, shipped to purchaser's station in Ontario, will be paid by the Ontario Department of Agriculture. The original receipted freight bill containing the point of shipment and destination, name and registration number of the animal purchased and shipped, the estimated weight for billing, and the rate charged per cwt., should be sent immediately to the Livestock Branch, Ontario Department of Agriculture, Toronto.

For catalogues and particulars regarding any of the sales, address the Secretary at the point of sale, or make application to:

**Livestock Branch,
Ontario Department of Agriculture,
Toronto.**

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In Veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1 must be enclosed.

Veterinary.

MISCELLANEOUS.

1. Give treatment for mud fever.

2. Do you approve of giving a horse a dose of Epsom salts every Saturday night?

3. Would not ground linseed be better than Epsom salts?

4. What do you think of the practice of "doping" on the principle "that if a little will do good, a large dose will do more good?"

5. Give a good prescription for colic, one that could be given quickly when a veterinarian cannot be got.

Ans.—Feed on bran only for twelve hours, then give a purgative of 8 to 10 drams aloes and 2 drams ginger, and feed bran only for 24 hours longer. After this, feed lightly and give 1½ ounces Fowler's solution of arsenic twice daily for a week. Dress the legs, three times daily, with a lotion made of 1 ounce each of sulphate of zinc and acetate of lead and ½ ounce carbolic acid to a pint of water.

2. No.

3. Yes.

4. Doping should not be practiced in any case. An animal should not be given drugs of any kind unless there is some disease, and then the drugs indicated should be given in medicinal doses. The theory that if a little of any drug does good, more will do better, is, of course, utterly and entirely false and irrational.

5. One and a half ounces laudanum, 2 ounces sweet spirits of nitre and 1 ounce fluid extract of belladonna, mixed with a pint of water, and given as a drench. Repeat in two hours, if necessary.

LUMP JAW.

Cow, freshly calved, has lump jaw.

1. Is the iodide of potassium treatment usually successful?

2. Will this treatment affect the milk? We are feeding it to calves and pigs.

3. Our local veterinarian says we might as well feed so much water as iodide of potassium, with a view of taking the lump off.

4. Cow is nine years old, and a good milker. Would you advise us to kill her?

Ans.—1. The treatment usually checks the disease, except in cases that are far advanced. When the drug is given as recommended, in sufficient doses to produce loss of appetite, and desire for water, discharge of saliva and tears and scurfiness of the skin, or any of these symptoms (this is called iodism, or poisoning by iodine), the whole system has become impregnated with the drug, and the fungus that causes the disease is supposed to be destroyed, hence the activity of the disease is arrested, and a cure may be claimed; but it must be understood that in cases where there is considerable alteration of bone structure and enlargement of the same, while in most cases the enlargement will become more or less reduced by absorption, the lump will not be entirely removed, but the fungus being destroyed there will be no further suppurating, growth or spread of the disease. In far-advanced cases a cure is hard to effect. It must also be thoroughly understood that in treating any case, in order to be successful, it is absolutely necessary to continue giving the drug in gradually-increasing doses until iodism is produced. This state is much more easily produced in some animals than in others.

2. It will cause a decrease in quantity, but has no effect upon the quality. The milk can be fed with safety.

3. Your local veterinarian evidently has not given the treatment a fair trial, and either does not read veterinary literature or considers the writers unreliable.

4. I would not advise her destruction without an effort to cure.

CONGENITAL WEAKNESS.

Colt, now seven months old, has been wrong since birth. His gait is stiff, and he wobbles. The trouble seems to be in legs, back, neck and eyes.

Ans.—As this trouble evidently is congenital, I am afraid that treatment will not be effective. Take good care of him. Feed well, and see that he gets regular exercise, and give him 20 grains nux vomica three times daily in soft food.

Miscellaneous.

LIGHT BRAHMAS WANTED.

Kindly advise me, through your paper, the names of some good breeders of Light Brahma hens.

Ans.—Parties having this class of fowl for sale may find it to their interest to avail themselves of our "Wants and For Sale" advertising column, the terms of which are very low.

HORSE INSURANCE.

Kindly favor me with address of insurance brokers doing a horse-insurance business in Canada.

Ans.—We do not know of any horse-insurance company doing business in Canada at present. If there are any, they might profit by advertising in "The Farmer's Advocate."

GOSSIP.

Mr. Walburn Rivers, Folden's, Ont., writes: "Our herd of Holsteins are doing well this winter, several of our young cows giving over 60 lbs. milk per day, on ordinary feed, and milking twice daily; and have given us a choice lot of calves of both sexes, most of which we will offer for sale at reasonable prices."

Mr. Wm. Thorn, Lynedoch, Ont., writes of his herd of Ayrshires: "My herd is headed by the imported bull, Holehouse Pilot (22596), bred from a heavy-milking strain, won second at Toronto and first at London in 1906; his young stock is proving him a grand sire. I have some extra fine females: Delpheddie Aggie 2nd, imported last year, is from the noted dairy herd of Andrew M. Baird, Garclaugh; she is a large-sized, deep-bodied cow, and will make a grand show and dairy animal. Lessnessock Grace Darling (imp. in dam) is proving a grand milker; gave last September, at three years old, and with first calf, 41 pounds of milk per day. Woodroffe Cairn, by Comrade's Heir of Glenora, is milking extra with first calf, and will make a heavy milker. Empress Augusta of Trout River is a grand good three-year-old, from Thomas Guy's grand old Gertie strain; grandsire Imp. Glencairn 3rd. She is a heavy milker, and is due to calve April 18th. Nellie Grey of Trout River, three years old in February, sired by Royal Peter of Neidpath, traces to my grand old show cow, Lottie, with a milk record of 64½ pounds per day. Among the heifers worth special mention are Queen Maud, Lady Addie, Queen Victoria and Dandy 1st of Lynedoch, all in calf to Holehouse Pilot, and a choice bunch, fashionable in color, and from heavy-milking stock. Among the youngsters is the bull calf, Garclaugh Gold Finder, imported last year; dam Delpheddie Aggie; sire Garclaugh Fickle Fortune. This is a grand good calf, white with brown cheeks; will be a year old in April. Another fine bull calf is Lessnessock Royalty of Trout River; dam Lessnessock Grace Darling. All are held at very reasonable prices, considering quality. Among the heifer calves is Barcheskie Juniper (imp.), bred by Andrew Mitchell, Barcheskie—a fine calf. Another beauty is Holehouse Flirt of Trout River; dam the noted cow, Polly; record, 62½ lbs. per day.

In poultry, I have choice single-comb Brown Leghorns, Barred Plymouth Rocks, Buff Orpingtons, White Wyandottes, Buff Cochins and Pekin ducks and Toulouse geese. I also have some very good, large, well-covered Shropshire sheep, from such noted flocks as Hammer's and Carpenter's. Have some good ram lambs for sale."