

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.

FLESHY UDDER.

My cow's udder has become fleshy, and she does not yield so much milk as in other years. She is a Shorthorn.

M. J. F.

Ans.—There is a congenital predisposition in some cows (especially of the beef breeds) to fleshiness of the udder. It is, of course, an undesirable characteristic, but it cannot be corrected, and so long as no inflammatory action or diseased condition is present, treatment is not called for. V.

LARYNGITIS—RINGWORM.

1. Colts cough and discharge matter from nostrils.

2. Colt has whitish blotches around eyes and mouth.

SUBSCRIBER.

Ans.—1. Keep warm and comfortable. Rub throat twice daily for three days with a liniment composed of equal parts sweet oil, oil of turpentine and spirits of ammonia. Give two drams of chlorate of potash three times daily. If complications arise send for a veterinarian.

2. This is ringworm. Isolate the colt; soften the scales with sweet oil, remove them, and apply tincture of iodine daily, as long as indicated. V.

TUMOR IN NECK.

Fat steer has a lump, the size of a duck's egg, in his throat, about four inches from the jaw. It appears loose.

H.

Ans.—This is either an enlarged thyroid gland, which will do no harm, or a tumor, which may be actinomycotic (lump jaw), and can be dissected out. It is not safe for an amateur to attempt the operation on account of the proximity of the large blood vessels. You had better call a veterinarian, and allow him to operate or treat. If it is simply an enlarged gland, it can be reduced by the daily application of compound iodine ointment. V.

CHRONIC COUGH.

Mare has been subject to a hacking cough for seven years. Last winter she caught cold, and our veterinarian treated successfully; but she is coughing again.

G. M.

Ans.—It is probable she has developed heaves. In the most favorable cases, a cough of seven years' standing is difficult to treat. Wet all she eats with lime water; feed nothing but food of first-class quality, and feed sparingly on hay or other bulky food. Do not give exercise soon after a meal, and give every morning a ball composed of two drams solid extract of belladonna, one and a half drams gum opium, twenty grains digitalis, and one dram camphor, with sufficient treacle to moisten. V.

WEAK COLT.

Mare had a colt, after having had wax on teats for a month previous to foaling, and having milk for about two weeks. Foal was weak, but about 20 hours afterwards could almost get up itself and suck. At about 24 hours, it seemed to be sick and would not get up, but would lie with its head between its front legs. The bowels moved. What was wrong with the colt? Would it have been possible for a veterinary surgeon to have saved it? Do you believe, when a mare starts to run milk, she should be made to foal, whether her time is up or not?

J. S.

Ans.—The colt was simply one of the many weak ones that have come this year. The lack of exercise afforded mares, by reason of the severe weather and the depressing effect of the cold itself, were doubtless responsible for much of the loss of foals this spring. The best possible treatment the colt could have had was some of the dam's milk, and if that failed to give him strength, it is problematical if the veterinarian could have saved him. Never tamper with an in foal mare; let nature have her course in such matters. Considerable exercise and judicious feeding would have reduced the tension on the udder.

ABORTION—BONE SPAVIN.

1. About February 1st my pregnant mare became sick, and about a tubful of water escaped, and she soon aborted. Would it be wise to breed her again?

2. Three-year-old appears to have a bone spavin, but is not lame. J. R.

Ans.—1. It is probable the abortion was caused by an injury of some kind, and there is no reason why you should hesitate to breed her again. As mares readily acquire the habit of abortion, keep quiet, and take extra care of her about the same period of gestation at which she aborted this year. If she shows symptoms of abortion, give two ounces laudanum in half a pint of cold water every hour, until symptoms abate.

2. Occasionally bone spavins do not cause lameness, and, when so, it is better to leave alone. If the colt becomes lame, get your veterinarian to fire and blister. Spavins sometimes appear quickly, and at other times very slowly. Lameness is usually present early, sometimes before any enlargement can be noticed. V.

BLACK QUARTER.

Bull calf did not come to take feed. I went for him, and found him lying; I got him up, and noticed his left shoulder badly swollen, and he was unable to use the limb. He suffered greatly, and died about noon. I examined him, and found the flesh quite dark and loose from the bone. I lost a two-year-old heifer with same symptoms last fall. J. M.

Ans.—This is black-quarter, for which there is practically no cure. In some cases the administration of one to two drams of iodide of potash every two hours in the very early stages effects a cure. Prevention consists in keeping young cattle (it seldom attacks an animal over two years old) off low-lying or damp pasture, where they get the virus of the disease. Immunity can be given with reasonable certainty, by inoculating with anti-blackleg serum, which, with instructions and the necessary instruments, can be procured from Parke, Davis & Co., Walkerville, Ont., or possibly other manufacturing chemists. V.

Miscellaneous.

SOWING TURNIPS WITH GRAIN DRILL.

Can you tell me of anything that would mix with turnip seed in order to sow successfully with a grain drill on the level?

A. W. L.

Ans.—We have sown rape seed, which is identical with turnip seed in size and appearance, in drills on the level, by using the grass seed attachment of the grain drill, closing with rags all the seed openings, except two or three, using the holes nearest the desired distance apart and bending the rubber tubes to convey the seed into these. To sow from the grain box of the drill sifted wood ashes, fine ground bone dust, or other fertilizer, might be used with which to mix the seed, but it would require some calculating to determine about how much seed per acre was being sown.

GOSSIP.

IN THE LIST of improved farm machinery, Noxon's No. 9 binder holds an enviable place. The popularity of the implements turned out by the Noxons is so great that it taxes their factory to the utmost to supply the large demand. Examine their list of harvesting and cultivating implements, and you will be satisfied there are none better.

Messrs. J. Watt & Son, Salemn, Ont., in addition to a new announcement in their advertisement of Shorthorns, write: "Our cattle are all at pasture and are doing well. We have recently sold to Wm. C. Wilson & Sons, Hawkestone, Ont., Augusta 4th =52555=, by Sittytown Chief =20104=, a large cow, and a very superior breeder. To Mr. Jas. Riddel, Beeton, Ont., Royal Archer (imp. in dam), bred by Wm. Anderson, Wardes, Kintore, Scotland, sired by Golden Prince (83609), dam Lady Lintz, by Belisarius (74051), a grandson of William of Orange. He is the making of a good show bull. We still have for sale Royal Wonder 2nd, with a straight English Lady pedigree, and with three very superior top-crosses. He will be sold very reasonably. Also a number of cows and heifers in calf and calves at foot to imported bulls."

GOSSIP.

T. J. Cole, Bomanville, Ont., changes his advertisement in this issue from poultry to Yorkshires, of which he has a good supply. Note his offering.

That is a capital good farm and milk business advertised in another column by John Taylor, Todmorden, Ont., just on the outskirts of Toronto. It would be difficult to conceive of a more favorable location.

The following interesting notes on their Shorthorn transactions are sent by Messrs. R. Mitchell & Sons, Nelson, Ont.: "Our sales of bulls since Feb. 1st, 1904, are: To Jas. Duggan & Son, Schomberg, Imp. Lusty Prince, a massive red, of the Marr Red or Roan Lady family; to Judson Barlow, Binbrook, Imp. Strawberry Chief, a very deep-fleshed bull, of grand character; to Wm. Hiscock, Holstein, Ont., a big, strong-backed yearling; to Geo. Strachan, Boxalder, Ont., a good yearling; to G. H. Gartly, Strathane, Ont., a yearling. These three are sired by Imp. Prince William, recently in use in our herd, weighing 2,700 pounds. To Geo. Alderson, Sr., Carlisle, one yearling bull, of the Marr Flora tribe; to Wm. Elrick, Hillsdale, a yearling; to M. H. Lawrence, Honeywood, a twelve-months-old bull; to J. McFarlane, Ont., a yearling bull; to John McNabb, Rockwood, a yearling. These four are all very thick, short-legged fellows, with extra backs, big-hearted, and grand heads and horn, all out of good imported cows, and sired by our herd bull, Imp. Greengill Victor, a Princess Royal, bred by W. S. Marr. We still have for sale a half dozen good bulls ready for work. Three of them are very choice, from imported sire and dam, one being by Imp. Village Champion, and out of Imp. 1st Rose of Summer, by Maren-go, champion of Great Britain. We have thought enough of two of these young bulls to use them on some of our best Scotch heifers. We are also in good position to supply some good Scotch females, in calf to Greengill Victor (imp.)."

THE SALE OF THE SEASON.

The Shorthorn sale, at Hamilton, on Tuesday, June 28th, promises to be the greatest drawing event of the season of its kind, and everything points to a very large gathering of cattlemen to witness the disposal of 60 head of high-class cattle from the six strong Canadian herds. The date of the sale is a favorable one for farmers, since haying this year will not be quite as early as usual, and will hardly have commenced at that time, and most farmers can afford a day off at this season. Hamilton is a handy place to reach from any direction, the train service being first-class, while a pleasure trip may be combined with business by taking the boats from many points. The beef cattle business is in a very encouraging condition at present, the best class of cattle selling readily at \$5.50 and upwards, with a good prospect of going higher. Farmers are seeing the advantage of raising well-bred cattle, which cost no more to feed than inferior stuff, and sell for lots more money, thus paying much better prices for the feed they consume. Intelligent young farmers are founding herds of pure-bred cattle by the purchase of a few good animals, and they can buy them now at a price that can hardly fail to prove a good investment. The cattle in this sale are an exceptionally well-bred lot, most of them being young, and sired by first-class bulls. Many of the cows have calves at foot that will be sold with them, and most of the females are in calf to one of the excellent imported Scotch-bred bulls in service in the herds from which they come. It is an unusually favorable opportunity to secure a young cow or heifer, or a number of such, or a first-class young bull of the best breeding at the buyer's own price. Breeders will find it to their own interest to attend this sale, as there is inspiration in numbers, and every breeder in the country is interested in the success of this sale, as it will, to a large extent, set the standard of prices for breeding cattle for the balance of the year. Let there be a grand rally of breeders and farmers generally at Hamilton on the 28th.

TRADE TOPICS.

THE CANADIAN CORDAGE CO. is one of the twine manufacturing concerns that is turning out a full length, high quality of twine for both Canadian and American markets. All their brands are made of the best material available for the purpose, and their plant is so equipped that the cost of producing the best brands of twine is reduced to a minimum. The Royal Brand and the Royal Standard are two grades of twine that never fail to give satisfaction.

THRESHERMEN, if you are considering buying a new engine or separator, just remember this, that the American-Abell engines and threshers are not surpassed by any on the continent. Their portable engines are models of compactness, efficiency, convenience, and the Toronto Advance thresher is equipped with every modern device known to the threshing trade. Consult them before buying. It will be to your advantage. Your customers are partial to the "Cock of the North Line," so try to do their threshing with a machine they like.

GIRLS, READ THIS!—It is indeed, as has been said, "Neither weakness nor vanity to care for one's complexion, hands or hair;" it is a woman's duty and privilege to look just as attractive as she can. If you are troubled with freckles, pimples, blackheads, etc., do not give up hope, but see what the Graham Dermatological Institute has to say of the wonderful Princess Complexion Purifier, manufactured by that firm. The advertisement appears elsewhere in this issue. Do not neglect to read it.

THE LAND OF PROMISE.

"For Canada, the hour of destiny has struck." Her physical construction forms the basis for an empire, and the stream of immigration which has begun, is swelling into a mighty movement. The advance of civilization has ever tended westward, and to-day Western Canada is the "land of promise" for people of all nations.

To the Red River Valley in Manitoba and to the Langenburg and Davidson districts in Eastern Assinibola, the Cooper-Walch Land Co. invite your attention. Here there are 200,000 acres of fertile land, which they offer at low prices and on easy terms.

Of the Red River Valley, we need only say it is commonly known as the "bread basket of the world," and you will readily realize the nature of the land. This is a home of No. 1 hard. It was the Indian's "Garden of Eden."

Should you desire a section especially adapted to mixed farming, study the Langenburg district in Eastern Assinibola. With its rich soil it is becoming one of the best grain-growing districts in Western Canada. Its rolling prairie is interspersed with groves of timber, which border its lakes and streams. It is settled by an industrious and intelligent class of Germans, Americans and Eastern Canadians.

The Davidson district, with its gently-rolling, open prairie, is located conveniently to the towns of Craik, Girvin and Bladworth.

Mr. Lawrence A. Walch, Manager of the Cooper-Walch Land Co. and Vice-President of the International Land and Investment Co., with offices at St. Cloud, Minnesota, Minneapolis, Chicago and Houston, Texas, stands ready to point to you the "open door to prosperity" in these districts. He is the man who knows, and with his able assistance, the intending settler should have no difficulty in selecting a farm suitable to his individual means and temperament. To him you can look for definite information regarding the lands of this company.

The company is distributing a beautiful illustrated booklet, descriptive of their land, which can be had by readers of the "Farmer's Advocate" by addressing a request for same to the Cooper-Walch Land Co., Canada Life Building, Winnipeg, Man. Advt.

\$30.00 to Colorado and Return Via Chicago, Union Pacific & North-Western Line. Chicago to Denver, Colorado Springs, and Pueblo, daily throughout the summer. Correspondingly low rates from all points east. Only one night to Denver from Chicago. Two fast trains daily. B. H. Bennett, 2 East King St., Toronto, Ont.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.