

FOAL CONSTIPATION

Retention of the Meconium in Foals Very Common.

Symptoms Described—Anticipation of the Trouble Advised and Mechanical Treatment Suggested—Live Stock Notes.

(Contributed by Ontario Department of Agriculture, Toronto.)

DURING foetal life the liver of the foal is active. It secretes a limited quantity of bile, which after being conveyed to the small intestine becomes formed into dark-colored balls of various sizes and different densities. These pass backwards and occupy the intestines. The substance is called the "meconium." At birth the rectum is usually full and both the large and small intestine contain a considerable quantity. Under normal conditions a quantity of this substance is voided shortly after birth and at frequent intervals afterwards until it has all been voided and the excreta voided afterwards is of a yellow color. The appearance of yellow faeces always indicates that the meconium has been all voided and that the excreta appearing is the effete material of nourishment taken after birth. This condition should be present at about 24 hours after birth. In many cases, either through want of sufficient expulsive force or by reason of some lumps of meconium being so large that the animal cannot force them through the anus, the substance is not voided. Retention of meconium probably causes more deaths in foals than any other condition.

Symptoms.—The foal elevates the tail, arches the back, and makes ineffectual efforts to defecate. At first he does not appear to suffer acutely, but as none passes he becomes uneasy, the efforts are more violent and more frequent, he refuses to nurse normally, and later on will not nurse at all; his great deal evidently suffering acutely, becomes more uneasy and weak and dies in a variable time.

Treatment.—Some breeders give a laxative or purgative immediately after birth as a preventive. This, we consider, is a mistake, as it often causes acute diarrhoea, which is always serious and often fatal. When we know that the trouble is in the rectum and that drugs given by the mouth have little or no effect upon the contents of this organ, we can readily see that by increasing the actions of the interior intestine, but not removing the cause of trouble, is very liable to cause serious complications, in cases where retention is present. In most cases the trouble can be removed mechanically, by the attendant carefully trimming by the nail of his forefinger (in order to avoid scarifying the lining membrane of the rectum) inserting the finger into the rectum and removing all of the meconium he can reach. Then giving an injection of a few ounces of warm soapy water or water and oil or glycerine. This to be repeated at intervals of 4 to 6 hours, or oftener if symptoms indicate a necessity, until the faeces become yellow. The condition is not so often noticed in foals whose dams have had considerable grass before parturition, as in those of dams who have been on dry food.

It is probably wise for the attendant to anticipate the trouble and mechanically remove the meconium of all foals shortly after birth. When carefully done it cannot injure when at least relieves the foal of the necessary efforts to void the substance.—J. H. Reed, V.S., O. A. College, Guelph.

Live Stock Notes.
Cattle relish a change of pasture. If the mares are working hard, a little grain fed the colts will keep them in good heart for wintering over.

Breed sows may be inexpensively wintered over in colony if a good supply of bedding is available. Warmer quarters should be provided for the stock. Exercise for both means better litter.

Many good horses are ruined by care not being taken to slacken the ration when the heavy work closes up. Condition lost by cattle being left out on cold and wet nights will need to be made up later by expensive grain feeding.

Stabling and yarding should now be the rule on most farms. The young things and dry cows may be some pasture in the fields, but as a rule the "top" on clovers and grasses is better for winter protection and is better on the plants than inside the stock.

Stables should be put in shape for the winter. Do not forget to whitewash the walls and wash the windows to let in plenty of winter sunlight. This job is preferably done after threshing, as the dust from threshing tends to settle in stables, especially of the "Bank-Barn" style, which are all too common on Canadian dairy farms. Under a barn, and especially when housed with other animals, is not an ideal place for much cows.

Select the Breeding Poultry Stock.
In selecting the male always look for a vigorous, active bird, whose head is broad with a comb of bright red color. The sides of the shanks or legs should show considerable red color. Be sure that such a bird has a well-muscled breast that is straight, if possible secure one bred from a laying hen.

All that has been said of the male applies to the female. Most laying hens do not develop much internal fat on what is commonly called a crop behind. Those of the yellow-legged broods lose much of this color, and those broods having white ear lobes show very little, if any, cream color in them if the bird is a good layer. —Ontario Agricultural College Notes.

ASTEC AND SURGEONS.

Proof Found in Ruins of a Pueblo.

Among the interesting relics in the Pueblo ruin at Asteo, New Mexico, is the skeleton of a twenty-year-old girl bearing the evidences of a severe injury and of primitive surgical treatment.

Carl H. Morris, who is in charge of the excavation, states that the remains, found on the floor of room 139 of the ruin, had been wrapped in three layers of material; the first, an excellently woven cotton cloth; the second, a mantle of feather cloth; and the third, a mat of split rushes. The skeleton lay on its back, inclined somewhat toward the left. The left hip was badly fractured, a portion of it having been broken away as a unit. In the neighboring regions there were other breaks and dislocations. In addition, the left forearm showed two breaks and extreme displacement. Concerning this interesting find, Mr. Morris writes: "At least six splints surrounded the broken arm. The two on top were removed to give a better view of the region beneath. These splints are of wood and average 7 inches in length, 1/2 an inch in width and 3-16 of an inch in thickness. They are of fairly uniform size throughout their length, being not mere splinters but pieces of wood dressed to the desired form. Each is flat on its inner surface and curved on the outer side. All the bindings which had held them in place were decayed beyond recognition.

"From the condition of this skeleton, the conclusion may be drawn that the treatment of the fracture of the pelvis, if it was recognized at all, was beyond the skill of the primitive surgeon. The treatment of the broken arm, however, was within his province. As death resulted before sufficient time had elapsed to permit healing to begin, the skill of the surgeon must remain in doubt. The bones overlap, at the point of fracture, in a way to leave unsolved the question of the accuracy with which they were set. In an ordinary fracture of this kind, the tension of the muscles would not retract the extremities a full two inches. But in a fracture resulting from a fall from a considerable height where the force of impact was received by the palm of the open hand so that the shafts of the bones might be driven out through the flesh, such extreme displacement would not be unexpected, and the bones were left in their present position, they are eloquent of a crude and bungling technique.

"There is equal probability, however, that the overlapping took place after death.

"It would be interesting to know definitely whether or not there was an attempt to place the ends of the bones in apposition, in order that an estimate might be made of the skill of the surgeon. The major fact, however, is established—namely, that Pueblo practitioners of the Stone Age had already learned to use splints in the treatment of fracture."

Mining Coal by Machinery.
We shall not freeze for quite a while yet, if the miners keep on digging coal and railroad workers do not refuse to transport it.

According to the estimate of the United States Geological Survey, one-fourth of the United States anthracite is gone; but there is enough left to last 100 years at the present rate of consumption.

On this continent there is enough coal of other kinds to last 4,000 years, at the present rate of consumption. Increased consumption, as population grows, may easily cut that down to 2,000 years' supply.

The great smokeless fuel, anthracite, will be nearly gone half a century from now, if consumption continues to increase, and long before that time it will be so expensive that only rich folks can afford to burn it. Our great-grandchildren will have to be content with something less desirable for domestic use.

What He Would Do.
The old-timers in the Great Lakes region tell the story of a prospective marine engineer who was being examined by the captain. The skipper asked a number of difficult questions in order to confuse the applicant, but the latter was always ready with an answer. Finally, in a tone of deep respect, the captain asked: "Now, perky, your boiler check was not stuck or your pipes gaged, but you were not getting any water in your boilers—what would you do?" The engineer looked puzzled for a moment, unable to grasp fully the situation; then, with a knowing smile on his face, he answered: "I'd go up on the deck and see whether there was any water in the lake." "You'll do," said the captain.

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You will find my prices right, and I stand back of every piece of furniture I sell. My Undertaking Parlors are well equipped for service—night or day. Call me up or come in and see me.

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Read these articles with care, they may present something you have not thought of before. Patronize the home merchants, whose ads. appear here. They are your neighbors and will treat you right. The money you spend with them stays in circulation in Jarvis and neighborhood and benefits the town.

Service Is The Measure of a Bank's Usefulness
We think we give the best. Our facilities are at the disposal of all who appreciate courteous consideration and the best terms consistent with sound banking. We are always glad to be consulted.

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I will make them look like new. These are the days when it is necessary to cut down your expenses. I also have a fine line of men's and ladies' shoes to select from.

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The Old Veterans Shop.

Seldom Will You Find a Combination
of grocery and bakery giving the service and quality of goods I do. I do not fear competition of any nature because the groceries and baked goods I sell cannot be duplicated anywhere.

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is an economy drive. If you spend some money with me you will save money. If I attend to your car it will render a faithful accounting. Oils, Greases and Accessories.

E. W. ANDERSON, Garage

Pocket Billiards is a Recreation
It aids digestion. — Come in and try it. My shop is clean and sanitary. If you need a shave, haircut, shampoo or massage you will get the right kind of service here. A full line of smokers' supplies and tobaccos always kept in stock.

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You cannot beat the OLD VETERAN SHOP. Everything I have in stock is "proven best by every test." I invite your patronage with the assurance that you will be satisfied. Carry a good line of all vegetables in season.

E. MACHELL, Meat Market.

EVERY ONE WANTS MONEY'S WORTH

Natural Desire Is Not to Get the Worst of Any Business Transaction.

CHEAPEST NOT ALWAYS BEST

When you spend your money you naturally want to get all you can in return. No one can criticize you for having that desire. Only those who are commonly referred to as having "more money than sense" throw their money away. All others are careful to see that they do not get the worst of any bargain. But one has to be able to look farther than the end of his nose if he is to be sure that he is getting the most that he can get for his money.

That is the defence of the man who buys from the mail order house instead of patronizing the merchants in his own town. He says he can get more for his money when he buys from the mail order man than when he spends his money at home. But in arriving at that conclusion he certainly has not been able to look further than the end of his nose.

In most cases the man who buys goods from a mail order house does so because he thinks he is getting the goods for less money than he would have to pay for them at the store in his own town. He thinks he is looking out for No. 1 and he says it is not his fault if the merchant in his town cannot make any money and is forced to go out of business. He overlooks the fact that he is likely to be as hard hit as anyone else when that merchant closes his doors but, leaving that probability out of consideration, the chances are about 10 to 1 that the buyer has really lost money on his deal with the mail order man.

Price Not Only Consideration.
If buying an article of any kind, whether it be a house and lot or a paper of pins, the price is not the only thing to be considered by any means. You are not in the habit of going into a store when you want to

buy a suit of clothes and paying to the storekeeper: "Give me the cheapest suit of clothes you have in the house." You want the best suit of clothes you can get for the price you pay for it, but you don't usually want the cheapest thing you can find.

A man may delude himself into believing that when he buys a suit of clothes from a mail order house for \$10 he is saving money, but what is there to justify him in such a belief? The mere fact that he is getting a suit for \$10 does not mean that he is saving money. The chances are that if he should go to the man who runs the clothing store in his own town and ask for it he could get a suit of clothes for \$10 and the chances are also that it would be just as good if not a better bargain than the suit which he could get from the mail order house for the same sum. It is not the price he pays that shows whether he is getting a bargain or not. It is the quality of goods that he gets for his money that counts.

Can Undersell Mail Order House.
The home merchant can sell as cheaply as the mail order man if he man sells. His expenses are not as heavy as those of the mail order man. He pays less rent in proportion to the business he does, his taxes are less in proportion to the capital invested. His advertising bills are less than those of the mail order man in proportion to the volume of his sales. He can undersell the mail order man any day in the year if he wishes to sell only goods of the same quality and style of those sold by the mail order man, but he doesn't do this because he knows that the majority of the people in his town do not want that quality and style of goods. Therefore he keeps in stock goods of all qualities and all prices. He has the chance to get more for his money by buying a suit at that price than he can by buying a better one for \$20, but he tells the customer just what he is buying.

Ready to Compare Prices.
Your home merchant is a business man. He gets the best values he can for his money when he buys goods, and he does not expect his customers to do anything else. All that he asks in return for the favors he does his customers and the things he does for the good of his community is that he be given an opportunity to meet the insidious competition of the mail order house. He is perfectly willing to have his prices and his values compared to those of the mail order house, but he has a just complaint when he is not given a chance to make this comparison.

If all buyers would take the value as well as the price of the article they are buying into consideration, the mail order houses would all go out of business to-morrow.

Treasurer's Sale of Land for Arrears of Taxes for the County of Haldimand.

By virtue of a warrant issued by the Warden of the County of Haldimand bearing date the 29th day of September, A.D. 1920, and to me directed for the collection of arrears of taxes due for three years and over upon the lands hereinafter mentioned and described, being in the County of Haldimand. These are therefore to give notice that unless the said taxes, together with all costs and charges be sooner paid I shall on

Saturday, 18th Day of December, A.D. 1920

At the hour of Ten o'clock in the forenoon,

In the COURT HOUSE in the TOWN OF CAYUGA, in the said County, proceed to sell by public auction the said lands or as much thereof as shall be sufficient to discharge such arrears of taxes and costs and charges incurred.

VILLAGE OF CAYUGA—Joseph McCarthy, Owner—Part Lots 1 and 2 North of Mohawk St. Taxes \$116.75, Costs \$15.75—Total \$132.66.
VILLAGE OF CAYUGA—Charles Henry, Owner—Lots 14, 15 and 16, South Talbot St. Taxes \$70.29, Costs \$15.75—Total \$86.04.
VILLAGE OF JARVIS—Temperance Hall, Part Lot 7, Village of Jarvis, N.-W. H. & Pt. Dover Plank Road, 135 1/2 ft. Taxes \$22.78, Costs \$13.00—Total \$36.38.

LEVI WERNER, Treasurer,
County of Haldimand.
Dated at Cayuga, September 16th, 1920.

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Prompts Service.

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Anything in the line of Real Estate, Fire Insurance, Loans & Conveyancing will be given the strictest attention by me. If you are considering the sale of your home or farm see me.

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have taken the agency for the Farmers Cockshutt line of farm implements, also the Adams' make of wagons. Come in and get my prices on anything you may need, and I will assure you in advance of every courtesy possible in my line.

HERBERT PEACOCK, Implements

I Have Said It Before and Say It Again.
You can get better prices as well as quality in footwear at my store than in the city. My stock is of the best quality. Also carry a good line of harness, whips, etc. Bring in your harness now for repairs.

A. H. LANGRAF,
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If You Have a Blowout, Stone or Bruise, Puncture
or if your tires need re-treading bring it to me and I will show you how to save money on your tire bills. I have a complete vulcanizing and tire repair plant, and the service rendered is your guarantee of good work.

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I always aim to keep my stock fresh and clean. You can always return anything you buy from me that is not satisfactory. I carry at all times the choicest cuts of beef, pork, lamb, in fact, everything in the meat line. I solicit your patronage, guaranteeing to service in advance.

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