

LYTLE ASKS AID OF LIVESTOCK MEN AND CORRAL MANAGERS TO CONTROL DISEASE

Strict Quarantine Regulations in Force Against Introduction of Dreaded Foot and Mouth Malady into Oregon; Symptoms Cited.

By W. H. LYTLE, State Veterinarian.

To all livestock men and managers of shearing corrals in Oregon, through the newspapers.

Dear Sir:

The state board of agriculture feels called upon to ask your perfect cooperation with us in every effort that we are putting forth to prevent the possible introduction of foot and mouth disease into Oregon. While we have put strict quarantine requirements in operation against California and have been supported to the fullest extent by the press, civic organizations, and from every source in our requirements, we are yet very much concerned with the continued existence and spread of this disease in California. Even against the most splendid efforts of the state of California and the nation, to control and eradicate, at this writing the disease is spread over a greater area in California than at any previous time. It is not because California is not using every effort. She has money, men, and the undivided support of the Federal Government who is there with more than 100 trained men, backed by an appropriation of \$1,000,000 emergency fund to control it, and despite their united efforts—it is not abating.

If this disease were brought into Oregon we cannot see how we could successfully fight it. We fear that it would almost destroy the livestock industry. It would break us up.

We are warning you against having anyone come on your ranch or being associated with you or your men other than men you know and who you know have not been in California or possibly exposed. We would appreciate knowing from you if any California tramps, farm laborers, sheep shearers, or any other person that might have been in California is moving around the state of Oregon to the danger of the livestock industry.

Oregon's quarantine requirements read:

"All sheep shearers, farm laborers, dairy laborers, farm and ranch and stock-yard help in general coming from the State of California into the State of Oregon, unless able to furnish affidavit evidence that they have not been in any district infected with foot and mouth disease, shall be required to either discard, wash in boiling water, or subject all of their clothing to a four (4) parts of 40 per cent formalin solution bath (U. S. P.) to each one hundred (100) parts of water and their shoes and shearing equipment to official disinfection. Certificates of disinfection shall be required of all farm laborers coming from California."

We are not panicky but we are in earnest. This disease spreads so rapidly and with such tremendous consequences and the cause of its spread is so little known, that we are suspicious that it is likely to be carried by human beings because the quarantine requirements of livestock and other commodities seems to be all that could be desired. This whole warning can be condensed into this statement: Stay with your own livestock, mind your own business, and have others do likewise.

A proper disinfection of any suspected person might be accomplished by boiling all clothing and in individual bathing or proper formaldehyde gas fumigation of from 5 to 8 minutes, using rubber cape, drawn closely around the neck, using 1 ounce of formaldehyde and 2 drams (teaspoonful) potassium permanganate mixed together in a pan. Shoes to be sponged with a solution of 2 bi-chloride mercury tablets to a basin

are kept in quarantine two months, which gives time for the disease to develop and we do not import animals from any country when foot and mouth disease is known to be present. The fourth and fifth outbreaks were traceable to vaccine virus shipped from Japan for the purpose of making human small pox vaccine. Unfortunately and unknowingly the animal that this vaccine was taken from had foot and mouth disease as well as cow pox and when inoculated into calves here in America set up foot and mouth disease. The sixth infection probably originated in hides imported from some foreign country and was the most severe infection that we have ever had. Twenty-two states were infected and the expense bill for indemnity alone was nine million dollars. No one should doubt the ability to successfully cope with the California outbreak when we recall what was done by the U. S. Bureau of Animal Industry and the cooperating States in the 1917 outbreak.

Just What Are the Symptoms? In the beginning it is well to remember that blisters or vesicles form in the mouth of cattle and also between and around the digits of the hoof of all cloven-hoofed animals; along and probably preceding these blister disturbances there is a relatively high fever. Fever symptoms are largely the same in all diseases; there is a loss of appetite, drying up of the milk flow, languor, because of the blisters or vesicles in the mouth there is a drooling or frothing of saliva that is quite noticeable, often appearing as lather for a shave, and accompanying this will occasionally be heard a smacking of the lips (many animals do not do this however). The position of the animal will be humped and frequently one leg will be held up and the animal if moved about will be lame. Hogs do not show mouth lesions to any extent, but become very lame, so much so that they frequently run on their knees, stand under behind, squelch with pain and sit on their haunches. Sheep and goats do not easily become infected and show mild foot and mouth lesions. Cattle, when their mouths are opened show vesicles or blisters filled with a yellowish fluid which are frequently on the surface of the tongue and are large as a hazel nut and when pressed will rupture. Around the gums the blisters are smaller and leave a square edge after rupturing. Cattle, when getting over the disease show only mild symptoms and animal inoculation must be resorted to definitely diagnose the disease. One's suspicion should be aroused

(a) When a considerable number of cattle, sheep or goats show above symptoms.

(b) When hogs running on same farm show lameness.

(c) When there is a history of possible exposure. Report should be made to a veterinarian and great care should be exercised in examining all animals with sore mouth or foot symptoms, because several very costly mistakes have been made and it is quite difficult and almost impossible to diagnose with certainty some cases. A veterinarian who has seen the disease should be called before suspicious cases are finally released. All suspicious cases should be held under precautionary quarantine until definitely disposed of. All neighbors should be kept away from any suspicious case. It is estimated that ninety per cent of the disease outbreaks are spread in this manner. Just when the disease is breaking it is most infectious.

What Are the Dangerous Spreaders? Ninety per cent of all foot and mouth disease cases are spread by human agencies carrying contamination on their clothes and feet. The infection is most likely to be carried twelve hours after contact because the sun kills it in twenty-four hours and dry winds much more quickly. The virus that causes the disease is found in the fluid of the blisters

in contaminated saliva and in meats, hides and raw by-products from infected animals. Garbage in an infected district is particularly dangerous; it is always dangerous in any community and should be cooked before being fed. (The Oregon Livestock Sanitary Board has a regulation that requires all garbage fed to be cooked; see that this is enforced.) Parts of ocean entry are always possible sources of danger. Suspicious cases should be reported to the State Veterinarian.

DON'TS—

Don't let outside people from unknown districts and California visit your herd.

Don't employ laborers from California. Require all to disinfect their shoes and wash their clothes.

Don't give credence to rumors. If foot and mouth disease appears it will be in your daily paper.

Don't repeat rumors. It hurts your State, and get your information from authentic sources of danger.

Don't get panicky or excited. The infection is now one hundred miles further away than two months ago. There is safety in distance and the disease centers are now known. The spread existed in California two months before they knew it. We did not get it then, we should not get it now. Be careful but be calm.

Don't repeat rumors. It hurts your State, and get your information from authentic sources of danger.

PASSAGE OF MC NARY BILL HELD DOUBTFUL

Embargo on California Vegetables Stringent; Other Notes.

By C. E. SPENCE, State Market Agent.

There are grave doubts of the passage of the McNary-Haugen wheat export bill. The large business concerns and the grain speculators have ordered "thumbs down." They state there are "many economic and political reasons why it would be had policy."

There are many economic and political reasons why it would be had policy to continue the present system of raising millions of bushels of wheat and selling them for less than the cost of production. The passage of this bill might put the grain exchanges and the speculators out of business, but a continuance of the present system will put millions of farmers out of business. This bill is an effort on the part of farmers to do with wheat and other farm products what the manufacturers do with their outputs—force a profit price.

Realizing the benefits to producers from the potato grading and inspection law, local granges are indorsing it, and the state market agent has received many indorsements from farmers in many parts of the state. Boring Grange is the latest local to take such action. March 8 it passed a resolution opposing any change in the law that would eliminate the

growers' names and addresses from the sacks, and that the law was protection to both grower and producer. The law is rapidly gaining in popularity.

Benjamin F. Youcum, ex-chairman of the Board of Directors of the St. Louis & San Francisco Railroad, states that one family is supported by selling the food produced by about every two families of the United States, and that there are 2,793,000 food dealers selling the products of \$500,000 farm families of this country. He declares that it costs \$2 to distribute the products the farmers get \$1 for, including the middle profits. He recommends co-operative selling agencies and the pushing of consumers co-operative organizations in the cities.

If co-operative marketing associations never increased the selling prices of commodities a dime, never accomplished more than a system to get the products to the ultimate consumer by the very shortest possible route; if they never did anything more than become their own middlemen and retained the profits of the speculators and commission interests. Such a system would save waste, needless expenses in distribution and would standardize products. Co-operation is simply business, good business. Its purpose is to get more for what is sold and to pay less for what is bought.

Fear of the spread of the foot and mouth disease into Oregon and Washington from California has resulted in drastic preventative measures being taken by the state livestock sanitary board and Governor Pierce. At the Portland public meeting held before the sanitary board the sentiment was unanimous to take any action necessary for precautions. State

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