

Prevention and treatment of bacterial disease in cattle line

Liu Xiaolin

ha da map Ranch vet, Hailar Farm, Inner Mongolia Station, Inner Mongolia Ancient Hulembe Seoul 021511

Abstract: the pathogen of bovine line fungus disease, Epidemiology, Clinical Disease Shape, Pathology Change, Diagnostic methods and prevention measures were presented described, to be broad Large

cattle-raising people to prevent and treat the disease provide reference.

Keywords: Actinomyces disease; Prevent; Treatment; Ox

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Cow Line Bacterial disease (Actinomyces) is a variety of pathogenicity lines bacteria causes a species non-contact chronic pass dyesick, This is also known as Jaw sickness, wood tongue syndrome. The most notable feature of the disease is the header, neck, tongue, and the Placeline bacterial swelling, most often in beef cattle See, 2~5 Old ox easy sense. The disease original for cattle put line bacteria, actinomyces, and so on. where, Line of cattle bacteria can cause bone The lesions of the arm such as, Lin the actinomyces can cause skin and soft tissue device officer (such as mammary gland, lung, tongue etc. disease Change. pathogens can exist in feed material, soil and Drinking water, or parasitic on the animal's top call suction and mouth in. when the skin skin or mucous membrane is damaged (as Gramineae The Mount Thorncutor stab hurt, may infect the disease. In recent years, with on rules mould culture further expands, actinomyces disease in cow the onset rate also gradually. author about the disease original, flow line sickness learn, Clinical symptoms, Pathological Changes, Diagnostics Square Method, prevention measures Apply illustrates described, to provide reference for the prevention of this disease Test.

1. sick Original

The main pathogens of bovine line bacterial disease are bovine discharge line bacteria and Lin's line bacteria, Staphylococcus aureus also causes the disease Tribute offer. where, is The main body of the bovine skeleton to produce lesions of the major pathogen for cattle put line bacteria, the bacterium is Gram-positive bacterium, bacterium body is fine silk sample Divide branch to, cannot move, to form Spore Child, but no bud cell, belong to and sex anaerobic bacteria. in the germ group weave, the bacterium appears as a particulate aggregation, and with radial the bacterium wire, Appearance such as soft or hard sulfursulfonate-like, slightly brown, Gray

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make Introduction: Liu Xiaolin (1986-), male, Assistant Veterinarian, mainly engaged in Objects plagued disease prevention and control work.

Yellow or gray. on A slide the sulphur-like particle, and, Under the microscope, the chrysanthemum-like, mycelium to week Wairadial row column, end End inflated, on its for gram staining, can See the central part is dyed Violet color, around radial hyphae by dyed as Red Color. the pathogen's resistance to the

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outside environment more weak, In the culture medium culture dies within more than 10 days dead. create to skin

and body soft organ lesions of the main disease original bacteria is a forest actinomycetes, the bacterium can be used in the granuloma of the Ox tongue harm Send now, to gram negative bacterium, do not form bud cell and pod membrane, No can move. in infected organization, the bacterium can form a bacterial block, but not significant emission. Shapemycelium of. to make it gram-stained color, Center and surroundings are stained Red. bovine line fungo to erythromycin, Green, chloramphenicol, Forest can Mildew element, tetracycline to Sensitive; Forest Actinomycetes to Sulfonamide class (Sulfa two Apyrimidine, sulfonic Amine Acridine) and streptomycin more sensitive Sense. General disinfection drugs can kill the bacterium. Staphylococcus aureus is the post of the above bacterium after participates in the lesion aggravated the inflammation of the hair show.

2. Epidemiology

Ox, Sheep, Pig, Deer, horses can be infected with cattle line bacteria ill, person also can sense Dye. The easiest for cattle to do is sense, especially is 2~5 year old Ox, special not tooth Sense. actinomyces pathogens are animals port cavity or pharynx section, Tonsil and soon the true parasitic inside the respiratory tract bacterium, also its also in contaminated soil, soil, Feed and water storage in. in alike condition under, this disease of the pathogen bacterium is the normal flora as healthy bovine oral cavity in exists. when the skin or skin mucous membrane occurs break damage when, is available from the line the disease. so, The disease can be said is internal infection disease. Large

cooked to \$G, Penang Langg, married child "G, gangrassteng, Water 2mL, strong-fry tomL, add red Candy \$g, every kg weight One in-time service 3~5mL, every Day 2 times.

3. treatment with condition rule Cure Example 270 example, more 268 example, rule % more rate up % above.

4. small junction Clinical application observe points analysis, the side has a tonic and spleen, health blood and an insect repellent.

5. Piglet Diarrhea

5.1 main disease forms suffering from pig spirit not oscillator, Belly inflated, vomit, diarrhea feces such as mud-like, suck milk waste; late limb weakness, body weight, fast speed dehydration, eyesocket trap, fatality rate High. some recover after, by gross bold chaos, send

Late Slow, or Stiff Pig.

5.2 treatment side Law governing spleen-Solution Poison, The astringent bowel stops diarrhea. Square "" Mei anti-dysentery "" plus minus; race K waig, black Mei \$g, ginger Pinkg, gold silver flowersg, Yellow Qin []g, yellow eveng, fresh wood Charg, total to fine end, per kg body Heavy 0.5g, every day 2~3 times.

5.3 treatment conditions condition Probed Treatment 490 example, more example, rule more rate up + % above.

5.4 small junction This party has dryness wet, spleen, enhanced gastrointestinal creep work effect, to promote intestinal gas discharge, stimulating sweat glands scores secreting to Send Khan, thereby causing the pathogen to sweat from the solution.

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