Prevention and treatment of bacterial disease in cattle line

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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 (Actinomycosis) is a variety of pathogenicity lines bacteria causes as species non-contact chronic passy es sick, Theis 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's actinomyces can cause skin and soft tissue device coefficient 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 callus and mouth when the skin kin or mucous membrane is damaged as Gramineae The Mount Thorncut stabbu, may infect the disease. In recent years, with non rules mould culture further expands, actinomyces disease in cowstheonsetrate also gradually. Author about the disease original, flowlines sickness learn, Clinical symptoms, Pathological Changes, Diagnostic 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 cattleline bacteria, the bacteriumis 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 sulphur sulfonate-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, mycellium 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 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, Nocan move. in infected organization, the bacterium can form a bacterial block, but not significant emission. To make it gram-stained color, Center and surroundings are stained Red. Bovine line fungusto erythromycin, Green, chloramphenicol, Forest can Mildew element, tetracyclinet o Sensitive; Forest Actinomycetesto Sulfonamide class (Sulfa two Apyrimidine, sulfonic Amine Acridine) and streptomycin more sensitive. General disinfection drugs can kill the bacterium. Staphylococcus aureus isthe post of the above bacteria after participates in the lesion aggravated the inflammation of the hairshow.

2. Epidemiology

Ox, Sheep, Pig, Deer, horses can be infected with cattle line bacteria ill, person also cancer sense Dye. The easiest for cattle. To do issense, especially is 2~5 year old Ox, special not tooth sense. Actinomyces pathogens are animals sport cavity or pharynx section, Tonsil and soon the true parasitic inside the respiratory tract bacterium, also its also contaminated soil. Feed and water storage in alike condition under, this disease of the pathogen bacterium is the normal flora as healthy bovine oral cavity 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 as internal infection. Large cooked to $G, Penang Lang, married child "G, gangrassteng, Water 2mL, strong-fry tomL, add red Candy $g, every kg weight One timeservice 3~5mL, every Day 2times.

3. treatment with condition rule Curve 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 Kwaig, black Mei $g, ginger Pink $g, golden silver flowers $g, Yellow Qin [ ]g, yellow eveng, fresh wood Charg, total to fine end, per kg body Heavy 0. 5g, everyday 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 score secreting to Send Khan, thereby causing the pathogen to sweat from the solution.

References


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