

Janet & John

natural products for wonderful creatures



Treatment of Foot & Mouth Disease (FMD)

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FMD is a severe, highly communicable viral disease. It affects cattle, swine, sheep, goats, deer and other cloven hoof animals. The disease is characterized by fever and blister-like lesions on the tongue, lips, teats, gums, nostrils, and between the digits. Many animals recover, many are left debilitated, and it is the cause of a great loss in the production of meat and milk.

The disease is caused by a picornavirus which is sensitive to environmental influences such as a pH of less than 5, sunlight, and desiccation however it can survive for long periods of time at freezing temperatures. There are at least 7 separate types of viruses and many subtypes. Animals can suffer an attack from one or more types and immunity to one type does not prevent a recurring infection from another type.

The disease is highly contagious and may spread over great distances with the movement of infected or contaminated animals, products, objects or people. Contaminated clothing and footwear, holding facilities, transportation vehicles, etc. are all modes of transmission within a herd and from one local to another.

Pigs are mainly infected by waste feeding of infected food. Cattle are mainly infected by inhalation, often from infected pigs, which excrete large amounts of virus by respiratory aerosol (sneezing and coughing). Large amounts of virus are excreted from infected animals long before symptoms are evident.

Clinical signs may be salivation, depression, anorexia, and lameness due to vesicles.

Control is a problem because the disease is prevalent in so many parts of the world. Transmission by humans or by animal products is always a threat.

SteriChelle has many uses in the fight against FMD through the implementation of preventative programs. These programs must be aimed at each of the modes of transmission.

Farm clothing and tools can be sprayed, dipped, or washed with SteriChelle prior to leaving a farm.

Transportation vehicles, holding pens, living quarters and other item or area where animals will share space or be in the same space after another animal must be disinfected prior to a new animal coming in or a new group of animals coming in.

SteriChelle must be used to disinfect all materials which come in contact with a diseased animal.

SteriChelle may be used at a ready-to-use concentration as a wash or a wet wipe to cleanse lesions and speed healing. SteriChelle as a gel or thick paste may be spread over lesions to speed healing and slow cross contamination.

SteriChelle may be used as a spray through a hose or foaming head to wash and disinfect trucks, tools, pens, fences, walls etc.

SteriChelle must be used via a misting system within enclosed facilities such as a barn where a multitude of animals are kept to reduce or prevent cross contamination.

Many facilities have areas which contain animals and areas which are left to rest. Such areas should be treated with SteriChelle. This can be accomplished with a drum and a pressure hose on the back of a pick up truck or flat bed pulled by a tractor. Animals from a field where diseased animals have been foraging may be moved to a rested area and the diseased area may then be treated with SteriChelle.

ES shampoo & body wash containing SteriChelle may be made available for showering facilities and ES laundry detergent containing SteriChelle for washing farm clothes. If laundering is done away from the farm a receptacle must be made available for the clothes so that the clothes do not contaminate every surface they contact. These procedures are also necessary for towels, rags, cloths, and etc., which may become contaminated during use or from contact with contaminated surfaces or items.

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