

Milk allergy

It's a clinical condition affected milking animals specially cattle at the time of milk retention or when the cow in drying off period .

The condition manifested by urticaria which may be visible only on the eyelids or be distributed generally. Local or general erection of the hair may also be seen. A marked muscle tremor, respiratory distress, frequent coughing, restlessness to the point of kicking at the abdomen and violent licking of themselves, and bellowing.

. Other cows may show dullness, recumbency, shuffling gait, ataxia, and later inability to rise. The temperature and pulse rates are usually normal or slightly elevated but the respiratory rate may be as high as 100/min.

Diagnosis of milk allergy can be made by the intradermal injection of an extract of the cows own milk. A positive reaction occurs with milk diluted as much as 1 in 1000, and the edematous thickening is present within minutes of the injection.

Spontaneous recovery is the rule but antihistamines are effective, especially if administered early and repeated at short intervals for 24 hours.

Summer snuffles & allergic rhinitis of cattle

It's a characteristic syndrome involving several animals in a herd. whom sensitive to spring flowers, warm moist environmental and other external allergens .

It manifested by sudden onset of dyspnea with a profuse nasal discharge of thick, orange to yellow material that varies from a mucopurulent to caseous consistency. Sneezing, irritation, and obstruction are severe.

The irritation may cause the animal to shake its head, rub its nose along the ground or poke *يوخز* its muzzle into hedges and bushes *الاسيجه والغابات*, Sticks and twigs *الاعواد والاغصان* may be pushed up into the nostrils as a result and cause laceration and bleeding.

Stertorous, difficult respiration accompanied by mouth breathing may be evident when both nostrils are obstructed.

In the most severe cases a distinct pseudomembrane is formed that is later snorted out as a complete nasal cast.

In the chronic stages multiple proliferative nonerosive nodules 2-8 mm in diameter with marked mucosal edema are visible in the anterior nares.

Treatment

1-the animal must taken off from pasture

2-Thick tenacious exudate that is causing nasal obstruction may be removed gently and the nasal cavities irrigated with saline.

3-Anti histamine IV or Im .

