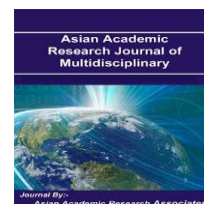




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EPIDEMIOLOGICAL AND DIAGNOSTIC STUDY OF FIRST LYMPY SKIN DISEASE OUTBREAK IN SOUTHERN BAGHDAD DISTRICT

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Abstract

The study was carried out in southern Baghdad district/ Iraq at June 2014 where an outbreak of unknown disease resembling LSD was reported by local veterinarians. The diagnosis based on clinical signs and PCR. The main clinical signs were fever, depression, salivation, agalactia and appearance of painful skin nodules starts as urticarial eruption and then developed to reach 1-7 cm in diameter. Other signs present in some cases including enlargement of lymph nodes, recumbancy, brisket edema, and various stages of eye affection ranged from lacrimation, congestion of conjunctiva to corneal opacity. In all breeds, the highest incidence were in females and young animals. According to disease severity, the severe form of the disease have been recorded in pure breed and crossbred in percentage rate 67.86% and 56.94% respectively and the highest percentage of moderate form was in pure breed 32.14% followed by crossbred 20.83% and local breed 13.64%, while mild form recorded only in local breed and crossbred in percentage 86.36% and 22.23% respectively.

Key words :LSD ,outbreak ,cattle ,Iraq ,epidemiology
