

Summary

The prevalence of clinical and subclinical mastitis, the causative agents and the leucocyte counts were studied in a sample of 267 goats obtained from large farms and small holders.

The prevalence of clinical and subclinical mastitis were 1.5% and 12.35% respectively. The causative organisms of clinical mastitis were corynebacterium pyogenes, Staphylococcus aureus, E coli and Staphylococcus epidermidis. Predominant organisms among the subclinical cases were Staphylococcus epidermidis and micrococci. 64.6% of the normal udders were positive for mastitis causing organisms. Staphylococcus aureus and salmonella too were isolated from normal udders which are of public health importance. 98.6 and 96% of the isolates were sensitive to Penicillin and Streptomycin respectively. The average leucocyte counts of goat milk and it's relation to the infection status of the udder too have been shown in the present study.