Cows have always served the mankind through ages but their contribution in providing health and economy the farmers especially in the tropics and sub-tropics is only of recent origin. Consequently, they are now been actively involved in our country's drive of development in general and that of animal agriculture in particular. Systematic and scientific information on them is, therefore, urgently wanted. The parasitism in general and that of the ecto-parasites in particular, which not only prevent from using them of their comforts and production, but also weaken them for subsequent infections and consequent disease problem. The ecto-parasites (*Ticks and Mites*) of cows, which happen to be one of the constraints in the production, thus formed the subject of this investigation. It embodies observations on the breeds of cows of the *Ruhailkhand* area distributed over different years, seasons, management systems, breeds, age groups, colour of coat and body parts.