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List of Abbreviations

Abbreviation	Elaboration
BCS	Body Condition Score
BEF	Bovine Ephemehral Fever
HS	Harmorrhagic Septicemia
$\mu\text{g/Kg}$	Microgram per Kilogram
UVH	Upazilla Veterinary Hospital
μm	Micrometer
%	Percentage
KOH	Potassium Hydroxide
CE	Cornified Envelope
VS	Veterinary Surgeon

Abstract

Sarcoptic Scabies is a parasitic disease of the skin caused by one of two mites, either *Sarcoptes scabiei* or *Demodex phylloides* which is characterized by persistent skin irritation with small red spots on the skin developing into asbestos-like thickening. This study was conducted at Dongnala in Kaptai Upazilla under Rangamati district to observe the clinical signs and changes in skin and sample were examined with the help of microscope in order to confirm Swine Scabies cases. Demographic characteristics of the suspected Scabies infected swines along with other management factors were also recorded. The confined management system and poor sanitation were the predominant case history in most of the Scabies infected swines. Ten Scabies confirmed cases (40%) were found in Dongnala in March, 2018. The crossed indigenous breeds were more commonly affected breeds (50%). Among the affected animals, 50% was boar. The main clinical symptoms were increased itching (40%), papule formation (10%) and hyperkeratosis (50%).

Keywords: Swine, Scabies, Clinical Findings, Dongnala