

## **IDENTIFICATION OF SPECIES AND STAGE OF MITE CAUSES SCABIES BY CRUSTING SEVERITY ON THE RABBITS**

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### **ABSTRACT**

The purpose of this research is to identify the species and stage of mite causes scabies linked to the severity of a crust. This study used nine rabbits as the sample which have been infested with scabies and was classified into 3 groups according to the severity of scabies crust, that is severe, moderate and mild. The inspection of species and stage of mites was based on the scrapping result on the three types of crusts severity. The method of this research is using the descriptive method. The results of this research, on the type of the severe crusts were found a *Sarcoptes scabiei* var. *cuniculi* mite with the complete stage start from egg, larva, nymph, adult male and female mites, *Psoroptes cuniculi* on the stage of larva and adult female mite, and *Chorioptes cuniculi* on the stage of adult female mite. On the type of moderate crust were found a kind of mite named *Sarcoptes scabiei* var. *cuniculi* on the stage of egg, larva, nymph, and adult male and female mites, also *Psoroptes cuniculi* on the stage of adult female mite. Then, on the type of mild crust were found a kind of mite named *Sarcoptes scabiei* var. *cuniculi* on the stage of egg, larva, nymph, and adult male and female mite, so it can be concluded that the *Sarcoptes scabiei* var. *cuniculi* is a species of mite that mostly infests the rabbit skin on the varying severity of crusting.

**Key words:** *Sarcoptes scabiei* var. *cuniculi*, *Psoroptes cuniculi*, *Chorioptes cuniculi*, scabies, rabbit.