ABSTRACT

KRISNIA VIRGIHANI. Review of Resistance of *Streptococcus agalactiae* as A Cause Agent of Subclinical Mastitis to Several Antibiotic in Dairy Farm Kunak Bogor (Case Study). Under direction of MIRNAWATI SUDARWANTO and HERWIN PIESTYANI.

Subclinical mastitis is an inflammation of the mammary gland which cause of decrease milk production. *Streptococcus agalactiae* is one of pathogenic microorganism agent of subclinical mastitis in dairy farm. This study showed that the percentage of *Streptococcus agalactiae* infection were 9.79% in dairy farm at KUNAK Bogor and the resistance of those *Streptococcus agalactiae* to severe antibiotic. In this case showed that Eritromycin were effective as antibiotic to *Streptococcus agalactiae*. The broad spectrum antibiotic made the therapy ineffective to some antibiotic.

Keywords: subclinical mastitis, *Streptococcus agalactiae*, antibiotic resistance