ABSTRACT

The purpose of this research was to know the fertility level of dairy cattle which identified has non specific bacteria on reproductive tract in KUD Tani Wilis, Sendang, Tulungagung by value Estrus Rate, Non Return Rate (NR), Conception Rate (CR), Service per Conception (S/C), Calving Rate (CvR), and Days Open (DO). Method in this research is descriptive which aims to get fertility level. The sample data used was 24 dairy cattle which identified has non specific bacteria on reproductive tract according to Andriani (2018) and Sitorus (2018) research. The data was analyzed descriptive. The result of the research indicate that the value of estrus value = 100%, NR = 70,83%, CR = 54,16%, S/C = 3,3, CvR = 45,83%, and DO = 84 days. Results of this study can be concluded that dairy cattle which identified has non specific bacteria on reproductive tract in KUD Tani Wilis, Sendang, Tulungagung, indicated fertility level were does not reach normal value.

Keyword : dairy cattle, non specific bacteria, fertility level.