ABSTRACT

REPRODUCTIVE EFFICIENCY ACCEPTORS ARTIFICIAL INSEMINATIONS DAIRY CATTLE *Friesian Holstein* IN THE PERIOD 2014 IN KUD NGANTANG

In this research aims to measure the efficiency of reproduction of Holstein Friesian dairy of IB result in ngantang sub-district in Malang 2014 through the determination of the Conception Rate (CR), Service per Conception (S/C), Calving Rate (CvR), Days Open (DO), Calving Intervals (CI) , Fertility Status (FS) . A period of 2014 in Ngantang Malang . The results obtained CR , S/ C , CvR , CL , DO , and FS Holstein Friesian dairy cows were respectively 67% , 2.01 , 49,16 % , 12,05 month , 82,4 days , 75,93 and still normal rate. Data from DO, S/C, and CI was analyzed using Regretions Test to knows between three components and age. This research showed significant different of correlation between DO, S/C, and CI and age (p<0,05). The conclusion of this research for CR, CvR, DO, CI, and FS were good because the result were normal.

**Keywords:** Reproductive efficiency, artificial insemination, dairy cattle, *Friesian Holstein*