The Efficiency of Reproductive and Fertility Status of Dairy Cattle
Acceptor Artificial Insemination in the Region of KUD Kertajaya,
Kandangan District, Kediri

M. Taufiqurrahman

ABSTRACT

The aims of this study was determined the effect of parity on efficiency reproductive and fertility status of dairy cattle in the region of KUD Kertajaya, Kandangan District, Kediri. This experiment used 150 dairy cows in the region of KUD Kertajaya, Kandangan District, Kediri. The data divided into primary and secondary data. Primary data was taken from farmers by interview to estimation of parity, feeding and disease. Secondary data such as birth, marriage and pregnancy was obtained from reproduction records by each farmer. The data obtained were processed using descriptive analysis and Nonparametric Correlations Test using Kendall’s W. The descriptive analysis were used count to get the number S/C, CR, CVR, DO, CI and FS. The Nonparametric Correlations Test was used to correlate parity toward DO, S/C, CI. The results showed that S/C 2.19, CR 31.3%, CVR 75.3%, DO 107 days, CI 387 days and FS 32.3 and the parity has 92% corelation with several reproduction efficiency variables (S/C, DO and CI).

Key words: dairy cattle, artificial insemination, efficiency reproduction