

**VERIFICATION OF SERVICES PER CONCEPTION AND CONCEPTION RATE OF ARTIFICIAL INSEMINATION BASED ON DATA RECORDED BY INSEMINATOR IN SIDOARJO REGENCY**

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**ABSTRACT**

The aim of this research was to verify the reproductive efficiency of dairy cattle by determining Service per Conception (S/C) and Conception Rate (CR) based on data recorded by inseminator in Sidoarjo regency during 2012. There were fourteen traditional dairy farms scattered in four districts, specifically in Buduran district (n = 1), Sedati district (n = 1), Waru district (n = 1), and Taman (n = 11) that had been used for this research. This research had been done by interview survey method. Resulted data were analyzed by descriptive analysis using SPSS 18 and presented as bar chart. The result of survey showed the number of CR and S/C was 48.2% and 2.07 respectively.

**Keywords** : artificial insemination, dairy cattle, *conception rate*, *services per conception*, Sidoarjo regency