

**THE EVALUATION OF ARTIFICIAL INSEMINATION SUCCESSFULL
RATE ON BEEF CATTLE IN BANTUL REGENCY**

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ABSTRACT *)

This study aimed to determine the evaluation of the successful rate of Artificial Insemination (AI) on beef cattle that were reared by the community in Districts of Dlingo, Kretek and Baguntapan in Bantul Regency in terms of the achievement of Service per Conception (S/C), Conception Rate (CR) and Calving Interval (CI). This research was conducted on 25 May to 30 June 2019. The method in this study used a survey method of 100 respondents of farmers and data recording for the last 2 years 2017 and 2018. Data were tabulated and obtained on average, descriptively analyzed. From the result of the study obtained data on the average age of breeders 50,56 years, for not school 10,02%, primary school 60,10%, Junior high school 23,04%, high school 5,01% dan bachelor 2,00%, The average experience of raising livestock 14,73 years, the main work as a farmer was 71,11%, Good cow lust detection 79,13%. The average inseminator experience was 22,5 years, age of first calving an average of 31,13 Months, achievement of IB success in Bantul District 2017, S/C 2,03, CR 68,59%, CI 16,24 Months and 2018, S/C 1,65, CR 70,82%, CI 15,35 Months and from the results of field respondents namely S/C 1,35, CR 74,09%, CI 14,62 Months. Based on research, it can be concluded that AI in Bantul Regency was goodly.

Key Words : Evaluation of beef cattle Artificial Insemination (AI), age of first birth, Service per Conception (S/C), Conception Rate (CR), Calving Interval (CI).

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