

**EVALUATION OF ARTIFICIAL INSEMINATION SUCCESS IN
CUTE CATTLE IN PAMOTAN DISTRICT, REMBANG DISTRICT**

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ABSTRACT*)

This study aims to determine the success rate of Artificial Insemination based on Service per Conception, Conception Rate, Body Condition Score and the factors that influence the success rate of Artificial Insemination. This research was conducted from 1 August to 1 September 2019 in Pamotan District, Rembang Regency. The method in this study uses a survey method of 80 samples of farmers and data recording for the last 3 years 2017, 2018 and 2019. The number of IB services from 2017-2019 is 107, 100, and 121. Service per Conception 1.01 1.02 and 1 , 01. Conception Rates are 97%, 94% and 97%. Body Condition Scores for acceptors are BCS1 = 10 BCS2 = 22 BCS3 = 41 and BCS4 = 7. It was concluded that the success rate of Artificial Insemination in beef cattle in Pamotan District was very good, with an average S / C = 1.1 CR = 96% and BCS 20%.

Keywords: AI, S/C, CR, BCS and Inseminator

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EVALUASI KEBERHASILAN INSEMINASI BUATAN PADA SAPI POTONG DI KECAMATAN PAMOTAN KABUPATEN REMBANG

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INTISARI*)

Penelitian ini bertujuan untuk mengetahui tingkat keberhasilan Inseminasi Buatan berdasarkan *Service per Conception*, *Conception Rate*, *Body Condition Score* dan factor-faktor yang mempengaruhi tingkat keberhasilan Inseminasi Buatan. Penelitian ini dilaksanakan pada 1 Agustus sampai dengan 1 September 2019 di Kecamatan Pamotan, Kabupaten Rembang. Metode dalam penelitian ini menggunakan metode survey terhadap 80 sampel peternak dan data recording 3 tahun terakhir 2017, 2018 dan 2019. Jumlah pelayanan IB dari tahun 2017-2019 yaitu 107, 100, dan 121. *Service per Conception* 1,01 1,02 dan 1,01. *Conception Rate* 97%, 94% dan 97%. *Body Condition Score* untuk akseptor adalah BCS1=10 BCS2=22 BCS3=41 dan BCS4=7. Disimpulkan bahwa tingkat keberhasilan Inseminasi Buatan pada sapi potong di Kecamatan Pamotan sangat baik, dengan rata-rata S/C=1,1 CR=96% dan BCS 20%.

Kata kunci : IB, S/C, CR, BCS, dan Inseminator.

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