

TINGKAT KEBERHASILAN INSEMINASI BUATAN (IB) PADA SAPI PERAH DITINJAU DARI *SERVICE PER CONCEPTION* (S/C) DAN *CONCEPTION RATE* (CR) DI KOPERASI PETERNAKAN SAPI PERAH (KPSP) SETIA KAWAN NONGKOJAJAR, PASURUAN, JAWA TIMUR

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INTISARI*)

Penelitian ini bertujuan untuk mengetahui bagaimana tingkat keberhasilan Inseminasi Buatan (IB) pada sapi perah ditinjau dari *Service Per Conception* (S/C) dan *Conception Rate* (CR) di Koperasi Peternakan Sapi Perah (KPSP) Setia Kawan, Nongkojajar, Pasuruan, Jawa Timur. Penelitian ini dilaksanakan pada tanggal 8 April sampai dengan 16 Mei 2019. Metode dalam penelitian ini menggunakan metode survei terhadap 25 peternak, pemilik dari 100 sampel induk ternak dan data *recording* dari inseminator pada bulan Maret 2019. Data yang diperoleh dari hasil penelitian dianalisis secara deskriptif terhadap data *Service Per Conception* (S/C) dan *Conception Rate* (CR). Berdasarkan penelitian disimpulkan bahwa tingkat keberhasilan IB di Koperasi Peternakan Sapi Perah (KPSP) Setia Kawan Nongkojajar, diperoleh hasil *Service Per Conception* (S/C) sebesar 1,32 dan rata-rata *Conception Rate* (CR) sebesar 59.34%. Tingkat keberhasilan IB di KPSP Setia Kawan dapat dikatakan baik.

Kata kunci : IB, S/C, CR, Inseminator, Sapi perah

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THE SUCCESS RATE OF ARTIFICIAL INSEMINATION IN DAIRY CATTLE
REVIEWED FROM *SERVICE PER CONCEPTION (S/C)* AND *CONCEPTION
RATE (CR)* AT SETIA KAWAN DAIRY FARM COOPERATION
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ABSTRACT *)

This research aims to determine how the success rate of artificial insemination in dairy cattle is reviewed from *Service Per Conception (S/C)* and *Conception Rate (CR)* at Setia Kawan Dairy Farm Cooperation, Nongkojajar, Pasuruan, East Java. This study was held on 8 April until 16 May 2019. The method in this study used a survey method of 25 breeders, owners of 100 samples of livestock stem and data recording from Inseminators in March 2019. The data obtained from the research results are analyzed descriptively against the data of *Service Per Conception (S/C)* and *Conception Rate (CR)*. Based on the research concluded that the success rate of Insemination at Setia Kawan Dairy farming Cooperation, Nongkojajar, obtained the results of *Service Per Conception (S/C)* of 1.32 and average *Conception Rate (CR)* by 59.34%. The success rate of artificial insemination at Setia Kawan Dairy Farm cooperation can be said to be good.

Keywords: IB, S/C, CR, Inseminator, Dairy cattle.

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