

**TINGKAT KEBERHASILAN INSEMINASI BUATAN DITINJAU DARI  
*SERVICE PER CONCEPTION* DAN *CONCEPTION RATE* DI DESA  
SUKORAMBI KECAMATAN SUKORAMBI KABUPATEN JEMBER**

**Sudarmadi**

**RINGKASAN**

Inseminasi Buatan (IB) memiliki keunggulan yaitu dapat meningkatkan jumlah produksi pada ternak dan kualitas mutu genetik. Pengamatan ini bertujuan untuk mengetahui tingkat keberhasilan IB berdasarkan *Service Per Conception* (S/C) dan *Conception Rate* (CR) di Desa Sukorambi Kecamatan Sukorambi Kabupaten Jember. Data primer didapat dari pengamatan dan tindakan langsung terhadap beberapa akseptor, sedangkan data sekunder diperoleh dari laporan bulanan inseminator Dinas Peternakan Kabupaten Jember dari bulan April 2024 sampai Desember 2024. Hasil pengamatan menunjukkan nilai S/C yaitu sebesar 1,8 dan nilai CR yaitu sebesar 51%. Berdasarkan hasil pengamatan dan pembahasan, maka dapat diperoleh kesimpulan tingkat keberhasilan IB pada daerah tersebut cukup baik.

**Kata Kunci :** Inseminasi Buatan, *Service Per Conception*, *Conception Rate*, Desa Sukorambi, Kabupaten Jember

***SUCCESS RATE OF ARTIFICIAL INSEMINATION IN TERMS OF  
SERVICE PER CONCEPTION AND CONCEPTION RATE IN SUKORAMBI,  
SUKORAMBI SUB-DISTRICT, JEMBER DISTRICT.***

**Sudarmadi**

***SUMMARY***

*Artificial Insemination (AI) has the advantage of increasing the amount of production in livestock and the quality of genetic quality. This observation aims to determine the success rate of IB based on Service Per Conception (S/C) and Conception Rate (CR) in Sukorambi, Sukorambi Subdistrict, Jember District. Primary data were obtained from direct observation and action on several acceptors, while secondary data were obtained from the monthly report of the inseminator of the Livestock Service Office of Jember Regency from april 2024 until december 2024. The observation results show the S/C value is 1.8 and the CR value is 51%. Based on the observation and discussion, it can be concluded that the success rate of IB in the area is quite good.*

***Keywords:*** *Artificial Insemination, Service Per Conception, Conception Rate, Sukorambi Village, Jember Regency*