

**TINGKAT KEBERHASILAN INSEMINASI BUATAN PADA SAPI
PERAH DI BBPTUHPT BATURADEN FARM TEGALSARI
PERIODE 2018-2019**

Oleh:

YUSUF VAKSI ALAMANDA
16/401295/SV/11799

ABSTRAK

Tingkat keberhasilan Inseminasi Buatan berpengaruh penting terhadap peningkatan populasi ternak. Karya tulis ini bertujuan untuk mengetahui tingkat keberhasilan Inseminasi Buatan di BBPTUHPT Baturaden *Farm* Tegalsari. Metode pengambilan data dilakukan dengan cara observasi langsung di lapangan, serta data sekunder yang diperoleh dari pencatatan reproduksi di *Farm* Tegalsari tahun 2018. Variabel yang diamati mencakup jumlah populasi, *Service per Conception* (S/C), *Days Open* (DO), dan *Calving Interva* (CI). Hasil pengamatan menunjukkan bahwa nilai *Service per Conception* (S/C) yaitu 1,8, *Days Open* (DO) 250 hari, *Post Partum Estrus* (PPE) 118 hari, dan *Calving Interval* (CI) 480 hari.

Kata kunci : Inseminasi Buatan, *Service per Conception* (S/C), *Days Open* (DO), *Post Partum Estrus* (PPE), dan *Calving Interval* (CI)

**THE SUCCESS RATE OF ARTIFICIAL INSEMINATION IN DAIRY
COWS AT BBPTUHPT BATURADEN FARM TEGALSARI
PERIODE 2018-2019**

By:

YUSUF VAKSI ALAMANDA
16/401295/SV/11799

ABSTRACT

Success rate of artificial insemination has important effect on increasing livestock populations. The aim of this research was to study about artificial insemination in BBPTUHPT Baturaden *farm* Tegalsari. Method of data retrieval was done by observing directly in the field, as well as secondary data obtained from the recording of reproduction in the *farm* Tegalsari in 2018. The observed variables include *population numbers*, *Service per Conception (S/C)*, *Days Open (DO)*, *Estrus post partum*, and *Calving Interval (CI)*. Results showed that the value of *Service per Conception (S/C)* was 1.8 times, *Days Open (DO)* 250 days, *Estrus post partum* 118 days, and *Calving Interval (CI)* 480 days.

Keywords: *Artificial Insemination*, *Service per conception (S/C)*, *Days Open (DO)*, *Post Partum Estrus (PPE)*, and *Calving Interval (CI)*.