

**APLIKASI TEKNIS SINKRONISASI BERAHI TERHADAP KINERJA  
REPRODUKSI SAPI PERANAKAN ONGOLE DALAM PROGRAM  
UPSUS SIWAB DI KECAMATAN SEMIN KABUPATEN  
GUNUNGGKIDUL**

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**INTISARI <sup>\*)</sup>**

Penelitian ini bertujuan untuk mengetahui tingkat keberhasilan Inseminasi Buatan yang menggunakan teknis sinkronisasi birahi dalam program UPSUS SIWAB terhadap *Service perconception* (S/C), *Conception Rate* (CR), *Non Return Rate* (NRR), dan Angka Kebuntingan di Kecamatan Semin Kabupaten Gunungkidul. Penelitian ini dilaksanakan pada tanggal 25 November sampai dengan 15 Desember 2020. Metode dalam penelitian ini menggunakan metode survei terhadap 98 responden, data di ambil dari Dinas Peternakan Kabupaten Gunungkidul. Data ditabulasi dan di rata-rata, kemudian dianalisis secara deskriptif. Hasil penelitian menunjukkan rata-rata umur peternak 53,25 tahun, tingkat pendidikan peternak; tidak sekolah 13%, SD 11%, SMP 22%, SMA/SMK 54%, Pengalaman Beternak rata-rata 19,54 tahun, pekerjaan pokok sebagian besar sebagai Petani 78%. Capaian Keberhasilan IB dalam teknis Sinkronisasi Berahi di Kecamatan Semin, S/C 1,82, CR 33,5%, dan NRR 66,5. Angka kebuntingan menggunakan aplikasi teknis sinkronisasi berahi di Kecamatan Semin tahun 2016-2018 adalah 33,50%. Disimpulkan bahwa aplikasi teknis sinkronisasi berahi belum memberikan efek positif terhadap capaian kinerja reproduksi sapi PO di Kecamatan Semin Kabupaten Gunungkidul.

**Kata Kunci : Sapi PO, Sinkronisasi Berahi, Angka Kebuntingan, Tingkat Keberhasilan**

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**APPLICATION OF ESTRUS SYNCHRONIZATION ON THE  
REPRODUCTIVE PERFORMANCE OF COWS ONGOLE  
CROSSBREED AT PROGRAM “UPSUS SIWAB” IN  
SEMIN DISTRICT GUNUNGKIDUL REGENCY**

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**ABSTRACT <sup>\*)</sup>**

This study aims to determine the success rate of Artificial Insemination using the estrus synchronization technique in the UPSUS SIWAB program against *Service Perception (S/C)*, *Conception Rate (CR)*, *Non Return Rate (NRR)*, and *Pregnancy Rate* in Semin District, Gunungkidul Regency. This research was conducted on 25 November to 15 December 2020. The method in this study used a survey method of collecting data to the livestock service of Gunungkidul Regency and the respondents were 98 people. The data were tabulated and the mean was obtained, analyzed descriptively. From the research results, data obtained from the average age of the breeders is 53,25 years, Respondents' Education, No School 13%, Elementary School 11%, Middle School 22%, High School 54%, Breeding Experience averages 19.54 years, the largest main job is as a farmer. 78%. Achievements of IB success in Lust Synchronization technique in Semin District, S/C 1.82, CR 33.5%, and NRR 66.5. Data from the results of the Pregnancy Synchronization of estrus in Semin District in 2016-2018 get an average result of 33.50%. It was concluded that the success rate of the technical application of estrus synchronization in Semin District, Gunungkidul Regency was still low, with the presence of factors that greatly influenced the level of success.

**Keywords : PO Cows, Estrus Synchronization, Pregnancy Rate, Success Rate**

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