EVALUASI TINGKAT KEBERHASILAN INSEMINASI BUATAN (IB) TERHADAP TERNAK SAPI LOKAL MELALUI PROGRAM UPSUS SIWAB DI KECAMATAN PANGKALAN LADA KABUPATEN KOTAWARINGIN BARAT

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INTISARI*)

Penelitian ini bertujuan untuk mengetahui tingkat keberhasilan program Inseminasi Buatan (IB) pada program UPSUS SIWAB di kabupaten Kotawaringin Barat.penelitian dimulai pada tanggal 25 Desember 2019 – 15 Januari 2020. Metode dalam penelitian ini menggunakan metode survei pengambilan data ke dinas PKH Kabupaten Kotawaringin Barat dan responden sebanyak 100 orang. Data ditabulasi dan didapatlah rata-rata, dianalisis secara deskriptif. Dari hasil penelitian diperoleh data umur peternak rata-rata 47,85 tahun, Pendidikan Responden, SD 24,55%, SMP 27,75%, SMA 41,64% dan S1 5,3%, Pengalaman beternak rata-rata 19,82 tahun, pekerjaan pokok terbesar sebagai petani dan buruh. Capaian Keberhasilan IB Kabupaten Kotawaringin Barat, S/C 1,15, CR 84,5%, CvR 82,61, CI 12,44 bulan, dan PPM 2,47. Berdasarkan hasil analisa uji trendline menunjukan peningkatan populasi secara keseluruhan di kabupaten Kotawaringin Barat sejak tahun 2012 hingga 2019 di dapatkan R square 0,9173 atau 91%. Dan berdasarkan kecamatan data diambil dari awal dilaksanakannya program UPSUS SIWAB pada tahun 2016 hingga 2019 didapatkan R square di kecamatan Arut Selatan 0,8375 atau 83%, di kecamatan Arut Utara 0,0169 atau 2 %, di kecamatan Pangkalan Lada 0,7230 atau 72%, di kecamatan Pangkalan Banteng 0,3591 atau 35%, di kecamatan Kumai 0,6923 atau 69%, di kecamatan Kotawaringi Lama 0,5562 atau 55%. Berdasarkan hasil analisis uji trendline melihatkan pengaruh dari S/C terhadap peningkatan populasi sapi potong mendapatkan hasil R square 0,8552 atau 85%. Hasil kelahiran alam mendapatkan hasil 0,023 atau 2% dan hasil IB 0,7062 atau 70%. Disimpulkan bahwa IB dalam program UPSUS SIWAP di Kabupaten Kotawaringin Barat sudah baik dengan populasi terus meningkat.

Kata Kunci: UPSUS SIWAB, Populasi,sapi lokal, Inseminasi Buatan, Tingkat keberhasilan

EVALUATION OF THE SUCCESS RATE OF ARTIFICIAL INSEMINATION (IB) ON LOCAL CATTLE THROUGH THE UPSUS SIWAB PROGRAM IN PANGKALAN LADA DISTRICT, KOTAWINGIN BARAT REGENCY

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ABSTRACT*)

This study aimed to determine the success rate of the Artificial Insemination (IB) program in the UPSUS SIWAB program in Pangkalan Lada District, Kotawaringin Barat Regency.The research began on December 25th, 2019 – January 15th, 2020. The method in this study used a survey method for data collection to the PKH office of Kotawaringin Barat Regency and 100 respondents. The data were tabulated and the average were obtained, analyzed descriptively. From the result of the study obtained data on the average age of farmers 47.85 years, Respondent Education, Elementary School 24.55%, Yunior High School 27.75%, Senior High School 41.64% and Bachelor 5 ,3%, the average experience of livestock was 19.82 years, the main occupation was the most widely as a farmer and laborer. IB Success Achievement in Kotawaringin Barat Regency, S/C 1.15, CR 84.5%, CvR 82.61%, CI 12.44 months, and PPM 2.47 months. Based on the result of the trendline test analysis, the overall population increase in the Kotawaringin Barat district from 2012 to 2019 was obtained by R square 0.9173 or 91%.Based on the results of the trendline test analysis, showing the effect of S/C on the increase in the beef cattle population, the R square result is 0.8552 or 85%. Natural birth yields were 0.023 or 2% and IB results were 0.7062 or 70%. It was concluded that the IB in the UPSUS SIWAP program in West Kotawaringin Regency was good with the population continued to increase.

Keywords: UPSUS SIWAB, Population, local cattle, Artificial Insemination, Success Rate