

INTISARI

PENGARUH *BREED* TERHADAP PERFORMA REPRODUKSI SAPI POTONG DI KECAMATAN GABUS KABUPATEN GROBOGAN

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Performa reproduksi sapi dapat dilihat dari beberapa parameter diantaranya adalah *Conception Rate* (CR), *Pregnancy Rate* (PR) dan *Service per Conception* (S/C). Performa reproduksi tersebut dapat dipengaruhi oleh beberapa faktor yaitu salah satunya dari jenis sapi. Penelitian ini bertujuan untuk mengetahui adanya pengaruh jenis sapi terhadap performa reproduksi sapi potong di kecamatan Gabus, Kabupaten Grobogan.

Penelitian ini dilakukan dengan cara pengumpulan data dari petugas inseminator wilayah kerja Gabus II dan melalui observasi. Pengamatan dilakukan dengan mengelompokkan sapi berdasarkan jenisnya. Data diambil sebanyak 161 sampel sapi yang terdiri dari sapi jenis Peranakan Ongole (PO) 86 ekor, sapi simental peranakan ongole (SIMPO) 54 ekor dan limousine peranakan ongole (LIMPO) 21 ekor. Data yang dicatat meliputi nama peternak, alamat peternak, jenis sapi, jumlah inseminasi dan hasil inseminasi. Data kemudian diolah menggunakan metode deskriptif dan *annova one-way*.

Berdasarkan data yang diperoleh, sapi potong dengan jenis PO memiliki presentasi CR 56,97%, PR 70,93% dan S/C 1,69. Sapi jenis SIMPO memiliki presentasi CR 55,56%, PR 70,37% dan S/C 1,74. Sapi jenis LIMPO memiliki presentasi CR 61,9%, PR 76,19% dan S/C 1,56. Hasil penelitian menunjukkan bahwa jenis sapi tidak mempengaruhi CR, PR dan S/C sapi potong di Kecamatan Gabus Kabupaten Grobogan.

Kata kunci : sapi potong, *breed*, performa reproduksi, *conception rate*, *pregnanc rate*, *service per conception*

ABSTRACT

THE INFLUENCE OF *BREED* TOWARD THE PERFORMANCE OF CATTLE REPRODUCTION IN GABUS SUB-DISTRICT GROBOGAN REGION

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A performance of cow reproduction can be seen from some parameters, they are *Conception Rate* (CR), *Pregnancy Rate*(PR) dan *Service per Conception* (S/C). The performance of reproduction can be influenced by some factors, one of them is a breed of cow. This reserach aims to observe the influence of breed of cow toward the performance of cattle reproduction in Gabus sub-district, Grobogan region.

This reserach was conducted by collecting some data from the inseminator in the working area of Gabus II and doing self-observation. The observation was executed by grouping the cow based on the breed. The data were taken in 161 samples of cow that consist of the half-breed of Ongole (PO) for a number of 86 cows, the half-breed of Ongole and Simental (SIMPO) for 54 cows, and the half breed of Limousin and Ongole (LIMPO) for 21 cows. The data were noted including the name of breeder, the address breeder, the breed of cow, the number of insemination, and the result of insemination. The data were thereafter worked by using a descriptive method and an analysis of annova one-way.

According to the data gotten, the cattles with the breed of PO possessed a percentage of CR in 56,97%, PR in 70,93%, and S/C in 1,69. The breed of SIMPO had a percentage of CR in 55,56 %, PR in 70,37%, and S/C 1,74. This result showed that the breed of cow does not create an influence toward the cattle of CR, PR, and S/C in Gabus sub-district, Grobogan region.

Keywords: cattle, breed, performance of reproduction, *conception rate*, *pregnancy rate*, *service per conception*