



## **KINERJA INDUK SAPI JABRES DI PEDUKUHAN MARIBAYA, KALINUSU, BUMIAYU, BREBES**

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### **ABSTRAK**

Penelitian ini bertujuan untuk mengetahui kinerja induk sapi Jabres yang terdapat di Pedukuhan Maribaya, Kalinusu, Bumiayu, Brebes. Penelitian dilaksanakan selama 3 bulan, mulai awal Juli sampai September 2018. Penelitian menggunakan 15 orang peternak beserta 45 ekor induk sapi Jabres yang dimilikinya. Penelitian dilaksanakan dengan metode wawancara dan pengamatan langsung di lapangan. Variabel yang diamati adalah karakteristik peternak, sistem pemeliharaan, ukuran tubuh, dan kinerja induk. Data yang diperoleh dianalisis secara deskriptif kuantitatif. Hasil penelitian menunjukkan bahwa tinggi gumba, tinggi pinggul, lebar pinggul, panjang badan, dalam dada, lingkaran dada, indeks kepala, panjang telinga, lebar telinga, serta *body condition score* berturut-turut adalah  $116,82 \pm 7,71$  cm,  $119,58 \pm 6,68$  cm,  $36,78 \pm 5,35$  cm,  $100,56 \pm 11,55$  cm,  $57,64 \pm 4,73$  cm,  $152,46 \pm 10,10$  cm,  $39,19 \pm 4,35$  %,  $19,84 \pm 1,99$  cm,  $11,96 \pm 1,43$  cm,  $2,80 \pm 0,54$ . Umur pubertas, umur pertama kali dikawinkan, *post partum mating* (PPM), *post partum estrus* (PPE), *servive per conception* (S/C), lama bunting, interval kelahiran, umur sapih, bobot lahir, dan bobot sapih berturut-turut adalah  $18,11 \pm 1,94$  bulan,  $22,86 \pm 2,10$  bulan,  $67,73 \pm 11,90$  hari,  $90,06 \pm 10,30$  hari,  $1,73 \pm 0,58$ ,  $280,24 \pm 1,35$  hari,  $385,86 \pm 17,80$  hari, 6 bulan,  $16,40 \pm 2,29$  kg, dan  $97,42 \pm 22,41$  kg. Disimpulkan bahwa kinerja induk sapi Jabres di pedukuhan Maribaya sudah cukup baik tetapi ukuran tubuhnya lebih kecil dibandingkan standar ukuran tubuh sapi Jabres.

(Kata kunci : Kinerja induk, Sapi Jabres, Pedukuhan Maribaya).



## **PERFORMANCE OF THE JABRES COW IN MARIBAYA HAMLET, KALINUSU, BUMIAYU, BREBES**

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### **ABSTRACT**

This study was aimed to observe the performance of Jabres cow at Maribaya hamlet, Kalinusu, Bumiayu, Brebes. The study was carried out for 3 months, from July to September 2018. The study used 15 farmers along with 45 of the Jabres cows they owned. The research was conducted by interview method and direct observation in the field. The variables observed were farmers characteristics, raising system, as well as cows' body size and performance. The data obtained were analyzed quantitative descriptive. The results showed that withers height, hip height, hip width, body length, depth of chest, heart girth, head index, ear length, ear width, and body condition score of Jabres cows were  $116.82 \pm 7.71$  cm;  $119.58 \pm 6.68$  cm;  $36.78 \pm 5.35$  cm;  $100.56 \pm 11.55$  cm;  $57.64 \pm 4.73$  cm;  $152.46 \pm 10.10$  cm;  $39.19 \pm 4.35$  %;  $19.84 \pm 1.99$  cm;  $11.96 \pm 1.43$  cm; and  $2.80 \pm 0.54$ , respectively. The puberty age, first mating age, post partum estrus (PPE), post partum mating (PPM), servive per conception (S/C), length of pregnancy, calving interval, birth weight, weaning weight, and weaning age of Jabres cows were  $18.11 \pm 1.94$  months,  $22.86 \pm 2.10$  months,  $67.73 \pm 11.90$  days,  $90,06 \pm 10,30$  days,  $1.73 \pm 0.58$ ,  $280.24 \pm 1.35$  days,  $385.86 \pm 17.80$  days,  $16.40 \pm 2.29$  kg,  $97.42 \pm 22.41$  kg, and 6 months, respectively. It is concluded that the performance of the Jabres cow at Maribaya hamlet is quite good but their body size is smaller than the standard body size of Jabres cows.

(Keywords: Cows performance, Jabres cows, Maribaya hamlet).