KORELASI ANTARA *BODY CONDITION SCORE* DENGAN KINERJA REPRODUKSI DOMBOS BETINA DI KABUPATEN WONOSOBO

Edi Saputra
NIM : 18021108

INTISARI*

Penelitian ini bertujuan untuk mengetahui hubungan antara *Body Condition Score* dengan kinerja reproduksi Dombos betina di kabupaten Wonosobo. Penelitian dilakukan pada bulan 26 Oktober – 26 November 2021. Metode yang dilakukan adalah dengan metode survei, dan data dianalisis dengan analisis korelasi metode *person*. Sampel yang digunakan dalam penelitian ini adalah 100 ekor domba Wonosobo. Variabel yang diamati adalah *Body Condition Score, litter size, lambing interval,* S/C *(service per conception).* Hasil penelitian menunjukkan bahwa rata-rata BCS 3,3, *litter size* 1,34, *lambing interval* 8,19, S/C *(service per conception)* 1,12. Hasil analisis korelasi menunjukkan adanya pengaruh antara BCS terhadap *littersize* dengan persamaan regresi Y=1,85-0,15x, BCS terhadap *lambing interval* dengan persamaan regresi Y = 7,29-0,09x, BCS terhadap S/C dengan persamaan regresi Y=0,93+0,05x. Nilai R BCS terhadap *litter size, lambing interval,* S/C, 0,21, 0,13, 0,13. Disimpulkan bahwa BCS berkorelasi positif dengan kinerja reproduksi Dombos betina. Kinerja reproduksi Dombos yang ideal pada BCS 2.

Kata Kunci : BCS, *litter size, lambing interval,* S/C *(service per conception),* Dombos, Kabupaten Wonosobo

CORRELATION BETWEEN *BODY CONDITION SCORE* AND DOMBOS EWE REPRODUCTION PERFORMANCE IN WONOSOBO REGENCY

Edi Saputra
NIM : 18021108

ABSTRACT*

This study aimed to determine the relationship between *Body Condition Score* and Dombos ewe reproduction performance in Wonosobo regency. The research was conducted in October 26th – November 26th, 2021. The method used was the survey method, and the data were analyzed using the *person* method correlation analysis. The sample used in this study was 100 Dombos ewes. The variable observed were *Body Condition Score, litter size, lambing interval,* S/C (*service per conception*). The results showed that the average BCS was 3.3, *litter size* was 1.34, *lambing interval* was 8.19, S/C *(service per conception)* was 1.12. The results of the correlation analysis show that there was an effect between BCS on *littersize* with the regression equation Y=1.85-0.15x, BCS on the *lambing interval* with the regression equation Y = 7.29-0.09x, BCS on S/C with the regression equation Y= 0.93+0.05x. R value of BCS to *litter size*, *lambing interval,* S/C, 0.21, 0.13, 0.13. It was concluded that BCS was positively correlated with the reproductive performance of Dombos. Ewe ideal reproduction Dombos performance on BCS 2.

Keywords: BCS, *litter size*, *lambing interval*, S/C (*service per conception*), Dombos, Wonosobo Regency