

**UMUR, BERAT BADAN, BODY CONDITION SCORE (BCS), DAN
PERFORMA REPRODUKSI SAPI BETINADI KELOMPOK TERNAK
TARUNA BUMI KECAMATAN NGENEMPLAK DAN SEDYO MAKMUR
KECAMATAN CANGKRINGAN SLEMAN**

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INTISARI

Tujuan dari penulisan Proyek Akhir ini adalah untuk mengetahui umur, bobot badan, BCS dan performa reproduksi sapi betina di kelompok ternak Taruna Bumi Kecamatan Ngemplak dan Sedyo Makmur Kecamatan Cangkringan Sleman. Data diperoleh dari hasil wawancara dengan peternak yang berada dalam lingkup kelompok yang memelihara sapi betina dan disesuaikan dengan *recording* dari inseminator. Data selanjutnya diolah dengan *Statistic Product and Service Solution* (SPSS) versi 24 dan dianalisa dengan metode *Independent T Test*. Hasil perhitungan diperoleh rata-rata umur (4.71 tahun vs 4.25 tahun), berat badan (355 kg vs 373 kg), BCS (3 vs 2.3), S/C (2.3 vs 1.6), CI (425 vs 424), dan DO (115.3 vs 95.3). Hasil penelitian menunjukkan tidak ada perbedaan yang signifikan ($p > 0.05$) antara umur, bobot badan, BCS dan performa reproduksi. Umur, berat badan, dan BCS pada hasil penelitian dibandingkan dengan literatur bisa dikatakan sudah sesuai. Performa reproduksi secara keseluruhan dari kedua kelompok ternak masih dikatakan kurang baik, karena belum sesuai dengan standar normal referensi atau literatur. Perbandingan nilai rata-rata umur, bobot badan, BCS, dan performa reproduksi pada penelitian ini tidak menunjukkan perbedaan yang signifikan ($p > 0.05$), sehingga dapat diartikan tidak ada perbedaan rata-rata umur, bobot badan, BCS, dan performa reproduksi antara kelompok ternak Taruna Bumi dan Sedyo Makmur.

Kata kunci: umur, berat badan, BCS, performa reproduksi, sapi betina.

**AGE, WEIGHT, BODY CONDITION SCORE (BCS), AND
REPRODUCTIVE PERFORMANCE OF COWS IN THE TARUNA BUMI
LIVESTOCK GROUP, NGENEMPLAK AND SEDYO MAKMUR DISTRICT,
CANGKRINGAN SLEMAN**

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ABSTRACT

The purpose of writing this final project is to determine the age, body weight, BCS and reproductive performance of female cattle in the Taruna Bumi livestock group, Ngemplak District and Sedyo Makmur, Cangkringan District, Sleman. Data obtained from interviews with farmers who are within the scope of the group that keeps female cows and adjusted to the recording from the inseminator. The data was then processed with the Statistical Product and Service Solution (SPSS) version 24 and analyzed using the Independent T Test method. Calculation results obtained mean age (4.71 years vs 4.25 years), body weight (355 kg vs 373 kg), BCS (3 vs 2.3), S/C (2.3 vs 1.6), CI (425 vs 424), and DO (115.3 vs 95.3). The results showed that there was no significant difference ($p>0.05$) between age, body weight, BCS and reproductive performance. Age, weight, and BCS in the results of the study compared with the literature can be said to be appropriate. The overall reproductive performance of the two groups of livestock is still said to be not good, because it is not in accordance with the normal standards of reference or literature. The comparison of the average value of age, body weight, BCS, and reproductive performance in this study did not show a significant difference ($p>0.05$), so it can be interpreted that there is no difference in the average age, body weight, BCS, and reproductive performance between groups. Taruna Bumi livestock and Sedyo Makmur.

Keywords: age, body weight, BCS, reproductive performance, female cows