



Birth Weight and Growth Rate of Bali Cattle Calf

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Abstract. Research on birth weight and calf growth rate of Bali cattle was carried out in Abian Village, Semarang, Badung, to know the birth weight, body weight gain, and the average calf bodyweight for Bali cattle aged 0-8 months. Using the observational method of Balinese cattle calves from birth to 8 months of age consisting of male and female calves taken randomly. Cows that give birth to calves are weighed and monitored continuously for up to 8 months, monitored and weighed once a month for 8 months. The number of cows observed was 40 calves each, 20 female calves, and 20 male calves. The results showed that the birth weight of Balinese calves varied, both in male and female calves. The birth weight of female calves is 14.50 kg and male calves 16.40 kg, there is a tendency that male calves birth weight is greater than the birth weight of female calves. The calf growth rate of female Bali cows was 0.29 kg/day while males 0.30 kg/day did not have a significant difference between different sexes. The average increase in body weight of male and female calves at the age of 7 months decreased due to weaning. It can be concluded that calf birth weight of Bali cattle is $15.45 + 0.99$ kg, where the birth weight of male Bali cattle calves is always heavier than calf calves in Bali cattle. The calf

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Letter of Acceptance

Dear Ni Made Ayu Gemuh Rasa Astiti,

It's my pleasure to inform you that, after the peer review, your paper, "**Birth Weight and Growth Rate of Bali Cattle Calf**" has been **ACCEPTED** to be published in *Technium: Romanian Journal of Applied Sciences and Technology* (ISSN: 2668-778X) and it will be available online at <https://techniumscience.com/> in Volume 2.7.

Thank you very much for submitting your article to the *Technium: Romanian Journal of Applied Sciences and Technology* (ISSN: 2668-778X). I believe that our collaboration will help to accelerate the global knowledge creation and sharing one step further.

Best Regards,



Technium Science Editorial Team

