

## **THE EFFECT OF CREEP FEEDING ON GROWTH OF BODY SIZE AND WEIGHT OF ONGOLE GRADE CALF**

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### **ABSTRACT**

The aim of this study was to observe the effect of creep feeding on calf growth performance which were reared with their dams at a colony pen. 6 heads of four months old PO calves were used in this study. The creep feeder area equipped with a feed bunk (2.8x0.8x0.2 m<sup>3</sup>). Data was collected for sixth months which consist of the first three months for calves without creep feed and the second three months for calves given with creep feed. The data body size and weight daily gain were analyzed by one way analysis of variance. The data increase of body size and weight daily gain were analyzed by covariance analysis with initial body size and weight as covariates. The body length, heart girth, wither height, hip height, heart width, hip width, chest depth, and body weight gain of calves with and without creep feeding were 16,40±2,58 and 12,89±3,76 cm/month, 15,78±6,64 and 12,94±10,84 cm/month, 13,54±3,06 and 11,03±6,70 cm/month, 11,58±3,24 and 12,95±4,41 cm/month, 7,08±2,87 and 8,77±3,32 cm/month, 5,47±2,45 and 4,36±2,63 cm/month, 5,90±2,63 and 7,96±3,82 cm/month, dan 1,82±0,20 and 1,65±0,44 kg/day, respectively. There was no significant difference body size and weight gain between them. It can be concluded that creep feeding does not affect the body size and weight gain of preweaning Ongole Grade calves at 4 to 7 months of age.

Key words: Body size, Creep feed, Ongole Grade calves.