The consumption of Crude Protein of Haylage Complete Feed on Ongole Crossbreed Steers

Abstrak:

The objective this research was to determine the effects of using different level of chicken manure in haylage complete feed to evaluate consumption of crude protein by in-vivo method. Nine Ongole Crossbred steers were used in this research, average 1-1.5 years old and their body weight between 180-200 kg. Three different proportion of chicken manure in the same proportion of maize stalk 40% and concentrate 60% on dry matter basis (crude protein 12%), R 1 : maize stalk 40% : concentrate 60 % (0 % chicken manure), R 2 : maize stalk 40% : concentrate 60 % (5 % chicken manure), R 3 : maize stalk 40% : concentrate 60 % (10 % chicken manure). The result of evaluation showed that R 1, R 2 and R 3 were not different significantly (P≥0.05) in consumption crude protein by in-vivo method. This matter indication that the using haylage complete feed of maize stalk and chicken manure have prospect to be used as nitrogen source in the rumen for the growth of microbe rumen of Ongole Crossbreed Steers. The chicken manure on haylage complete feed can used until 10%.

Keyword:

Complete feed, chicken manure, maize stalk, crude protein consumption, .

Daftar Pustaka:

Harris, L.E. Nutrition Research Technique for Domestic and Wild Animal Animal Science Department. Utah State University 1970 Logan, Utah
Faverdin, P., R. Baumont. And K. L. Ingvartsen Control and Prediction of Feed Intake in Ruminants INRA 1995 Paris