##### The effect of dried cassava foliage with ensiled cassava root on growTH performance of local yellow cattle in Lao PDR

Bounthavy Vongkhamchanh1, Boualy Saphangthong1, Izuru Saizen2, Le Van An3 and Duong Thanh Hai[[1]](#footnote-1)\*

Submitted May 22, 2019 - Accepted Jul 10, 2019

#### ABSTRACT

This study was carrying out to evaluate the efficacies of using ensiled cassava root incorporates with different levels of dry cassava foliage that used as a source of bypass protein for fattening local yellow cattle in Lao PDR, nine local “Yellow” cattle with initial live weight of 90-105kg live weight (LW) were used in this study. The experimental design was arranged in completely randomize design (CRD) with three replications of each treatment. The factors were different levels of dried cassava foliage (CTL, 25 and 50% of total diet DM). The experiment was carried out 14 days for adaptation to the pens and diets. Ensiled cassava root was offered as a basal diet supplemented with rice straw and mineral block, and adding dried cassava foliage by different levels. The results indicated that the increase of dried cassava foliage levels were displayed the effects in feed conversion rate (FCR) (P<0.05) and when increased the level of dried cassava foliage at 50% of total diet DM incorporated with the diet DM found the cattle were presented significant growing rate as high as 0.3 kg/d of ADG (P<0.05).

**Key words:** *Local Yellow cattle, dried cassava foliage, growing, diets.*

1. 1 Faculty of Agriculture and Forestry, Champasack University, Lao PDR

   2 Graduate School of Global Environmental Studies, Kyoto University, Japan

   3 Hue University of Agriculture and Forestry, Hue University, Vietnam

   \* Corresponding author: PhD. Duong Thanh Hai, Hue University of Agriculture and Forestry, Hue University, Vietnam Phone: +84 (0)-90-555-8284; Email: duongthanhhai@huaf.edu.vn [↑](#footnote-ref-1)