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Short Communication

Preliminary investigation of growth performance of giant land snail (*Archachatina marginata*) fed with selected household wastes

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Abstract

The effect of selected household waste fed to common giant land snail (*Archachatina marginata*) on growth performance was investigated in a twenty week experiment. Four experimental diets A (Paw paw leaves), B (maize bran) C (guinea corn bran) and D (Plantain peels) were used for the study. Proximate analysis of the diets showed that diets B (maize bran) and C (Guinea corn bran) were high in protein and mineral contents while diets A had the least value Growth parameters (weight gain, shell length gain shell circumference gain) were determined. The result of the study showed that higher growth performance for all parameters for *Archachatina marginata* was favoured by guinea corn bran (diet C) while paw-paw leaves (diet A) had the least for all the parameters. There was significant difference in ($P < 0.05$) in weight gain and shell length, while there was no significant difference ($P > 0.05$) in shell circumference of the snails fed with the experimental diets.

Key words: Giant land snail, growth performance, diets.

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