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Growth evaluation and meat assessment of native pig in Romblon province, Philippines

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This study was conducted to evaluate the growth and meat assessment of native pigs in the province of Romblon. Specifically, it evaluates the growth performance and the meat quality of the native pigs. This study used the experimental research design following the complete randomized design to test the animals studied under different treatment. The data gathered were statistically analyzed using frequency/percentage, mean, Warner-Bratzler Method to test the meat qualities, Trained Panel, Carver Press Method to determine the water holding capacity, Pearson's correlation and analysis of variance to test the relationship and difference of the variables. From the analysis and interpretation conducted it was found out that: control treatment had better feed conversion efficiency compared to other treatments. Significant difference was failed to observe on the effect of different treatments to the final body weight, gain in weight and feed consumption of native pigs while significant difference was observed on the feed conversion efficiency. The carcass characteristics of native pigs were comparably observed; the result of cost and return analysis shows that control treatment incurred higher profit compared to other treatments. The sensory evaluation on the meat qualities of native pigs was moderately and slightly acceptable and the tenderness of meat was not significantly affected by the water holding capacity between treatments.