

**FEEDING WITH WATER SPINACH SLICES (*IPOMOEA AQUATICA*)
FERMENTATION, HIGH OMEGA 6 CONCENTRATE AND MINERAL
TO PERANAKAN ETAWA GOAT.**

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ABSTRACT

Aims of this research are to Bone Growth of Peranakan Etawa Goat Slices Fed with Water Spinach (*Ipomoea aquatica*) Fermentation, High Omega 6 Concentrate and Mineral. The research sample total of 18 Peranakan Etawa (PE) male goats age 12 months were raised in single pens for 40 days, slaughtered and each bone to measured. The results show combination diet contain water spinach fermentation, high Omega 6 concentrate and mineral lick significantly have better performance in bone growth. The experimental data obtained were analyzed statistically using *Multivariate Analysis Of Variance* (MANOVA). The results of the study showed that the highest bone growth in group P2. It can be conclude that combination diet of water spinach fermentation, high omega 6 concentrate and mineral increase bone growth.

Keywords: Peranakan Etawa goat, water spinach fermentation, high Omega 6 concentrate, bone growth.