

***The Effect of Giving Edamame ( Glycine max (L) Merrill ) Boiled Water to Drinking Water as a Substitute for Vitamin on the Performance of Finisher Phase Broilers***

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**ABSTRACT**

*Vitachick functions as an anti-stress due to heat and antioxidants but has the disadvantage that it has a medicinal smell and a bitter taste. Efforts were made to replace the role of vitachick by giving edamame boiling water (Glycine max (L) Merrill) which contains vitamin E and isoflavones as antioxidants. The purpose of this research was to determine the effect of giving edamame boiling water (Glycine max (L) Merrill) on the performance of finisher phase broilers. This research used 3 treatments with 12 repetitions, each repetition using 2 broilers. Data analysis used a completely randomized design (CRD) and continued with the Duncan Multiple Range tests (DMRT). The treatment given was L0 (formulated feed + drinking water) as control, L1 (formulated feed + vitachick drinking water) and L2 (formulated feed + 5% edamame boiling water) with broiler performance parameters, namely drinking water consumption, ration consumption, body weight gain, and FCR. The results showed that there was a significant difference ( $P < 0.05$ ) on drinking water consumption, ration consumption, body weight gain, and FCR.*

***Keywords:*** *Broiler, Vitachick, Edamame Boiling Water, Antioxidant, Performance*