

ABSTRACT

EFFECT OF FEED FORMULATED USING EDAMAME ON GROWTH OF TILAPIA FRY (*Oreochromis niloticus*)

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The purpose of this study was to determine the effect of feed formulated using edamame on specific growth rate (SGR), feed conversion ratio (FCR), survival rate (SR). Experimental study was assigned under (RBD) with 3 treatments were 0% (control), 12.5% and 25% with 3 types of fish groups are 30-40 g, > 40-50 g, > 50-60 g so that research it consists of 9 units container experiment. The results of analysis of variance showed that artificial feeding and edamame treatment was highly significant ($F_{count} > F_{1\%}$) of the specific growth rate of tilapia fish, but had no significant effect ($F_{count} < F_{table 5\%}$) on feed conversion, survival of tilapia.

Keywords : tilapia, specific growth rate, feed conversion, survival rate