

**EVALUATION OF GROWTH PERFORMANCE OF RED TILAPIA (*Oreochromis*
spp.) FED WITH FERMENTED RICE BRAN**

by

MONIQUE OBIEN EBREO

An Undergraduate Thesis submitted to the faculty of the College of Fisheries in
partial fulfilment of the requirements of the degree of

BACHELOR OF SCIENCE IN FISHERIES

**Department of Aquaculture
COLLEGE OF FISHERIES
CENTRAL LUZON STATE UNIVERSITY**
Science City of Muñoz, Nueva Ecija
Philippines

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APPROVED:


RODORA M. BARTOLOME
Adviser

09-13-17
Date


REMEDIOS B. BOLIVAR
Critic


09-13-17
Date

NOTED:



KARL MARX A. QUIAZON
Department Chair

09-13-17
Date

RECORDED:


REMEDIOS B. BOLIVAR
College Research Coordinator
09-13-17
Date

ACCEPTED:


RAVELINA R. VELASCO
Acting Dean
09-14-17
Date

BIOGRAPHICAL DATA



Personal Data

Name	Monique O. Ebreo
Birthday	July 20, 1996
Birth Place	Lucena City, Quezon Province
Address	Barangay Pundakit, San Antonio, Zambales
Parents	Roberto H. Ebreo and Evelyn O. Ebreo

Educational Attainment

Elementary	Ibabang Talim Elementary School Lucena City, Quezon Province
Secondary	Pundakit High School Pundakit, San Antonio, Zambales
Tertiary	Central Luzon State University Science City of Muñoz, Nueva Ecija

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GROWTH PERFORMANCE EVALUATION OF RED TILAPIA (*Oreochromis* spp.) FED WITH FERMENTED RICE BRAN ^{1/}

ABSTRACT

The study evaluated the effect of fermented rice bran on the growth performance of red tilapia (*Oreochromis* spp.) cultured in hapa installed in an earthen pond for 60 days. Red tilapia were fed with commercial feed (Treatment I), mixture of 50% fermented rice bran and 50% commercial feed (Treatment II) and 100% fermented rice bran (Treatment III).

Result of the study showed that red tilapia fed with commercial feed had significantly higher in final length and weight, body weight gain and specific growth rate than those fed with mixture of fermented rice bran and commercial feed and to those that were fed with 100% fermented rice bran. However, red tilapia fed with 100% fermented rice bran obtained a significantly higher taste rating compared to those fed with commercial feed and mixture of 50% fermented rice bran and 50% commercial feed. Fish survival in three treatments were comparable.

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