

LABORATORY STUDIES ON THE FEEDING OF *Tilapia nilotica*
FED WITH CHICKEN FEED AND FORMULATED DIETS

HASHIM BIN AHMAD

FACULTY OF FISHERIES AND MARINE SCIENCE
UNIVERSITI PERTANIAN MALAYSIA
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LABORATORY STUDIES ON THE FEEDING OF Tilapia nilotica
FED WITH CHICKEN FEED AND FORMULATED DIETS.

By,

Hashim bin Ahmad

A project report submitted in partial fulfillment of
the requirements for the degree of Bachelor of Science
(Fishery)

FACULTY OF FISHERY AND MARINE SCIENCE,
UNIVERSITI PERTANIAN MALAYSIA.

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FACULTY OF FISHERIES AND MARINE SCIENCE

The undersigned certify that they have read, and he
commend to the Faculty of Fisheries and Marine Science,
for the acceptance, a research project report entitled:
Laboratory Studies on the Feeding of *Tilapia nilotica*
Fed with Chicken Feed and Formulated Diets.

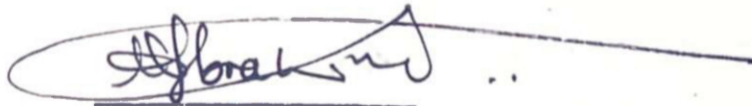
Submitted by HASHIM BIN AHMAD

in partial fulfilment of the requirement for the degree
of Bachelor of Science (Fisheries).



(Che Ross b. Saad)

Supervisor



Dekan
Fakulti Perikanan & Sains Samudra,
Universiti Pertanian Malaysia.

Chairman,
Research Report Committee.

Date: 4 / 4 / 83.

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ABSTRACT

A study on the feeding of T.nilotica fed with chicken feed and formulated diets was conducted at Crop Protection Unit (C.P.U) of Faculty of Fisheries Serdang, Selangor. The study period was about two months commencing at the end of December, 1982.

T.nilotica of mean weight 5.13 grams were fed with three diets, chicken feed and two formulated diets for two months. Chicken feed contained approximately 21 percent protein and formulated diets contained 21 percent and 30 percent protein, respectively.

The study showed that rate of growth was significantly higher for fish on the 30 percent protein diet (FD30) and followed closely by chicken feed (CF21). Significant differences in feed conversion, protein gain and food conversion efficiency were found between chicken feed with 21 percent protein and formulated diet with 21 percent protein (FD21). ($P > 0.2$). However, there is no significant difference in feed conversion, protein gain and food conversion efficiency between CF21 and FD30. Increase in body protein and ash were significantly higher in chicken feed diet compared to FD21 diet. Body composition was affected by treatments.