

**PRODUCTIVE PERFORMANCE OF FISH RAISED ON  
FISH MEAL STORED UNDER DIFFERENT STORAGE  
METHODS.**

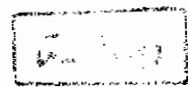
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By



**SALAH MOHAMED KAMAL MAHMOUD**

A thesis submitted in partial fulfillment



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**Animal Production Department  
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## APPROVAL SHEET

### PRODUCTIVE PERFORMANCE OF FISH RAISED ON FISH MEAL STORED UNDER DIFFERENT STORAGE METHODS.

BY

**SALAH MOHAMED KAMAL MAHMOUD**

B.Sc. (Animal Production Department), Faculty of Agriculture, Ain Shams  
University, 1984

This thesis for M.Sc. degree has been approved by:

Prof. Dr. M. A. El-Ashry..... *M. A. El-Ashry*  
Prof. of Animal Nutrition, Faculty of Agriculture, ~~Ain Shams~~ university.

Dr. G. D. I. Hassanen ..... *G. D. I. Hassanen*  
Associate Prof. of Fish Nutrition, Head Dept. of Fisheries, Resources &  
Aquaculture, Agricultural Sciences, Suez Canal University. (El-Aresh)

Prof. Dr. H. M. M. Khattab..... *H. M. M. Khattab*  
Prof. of Animal Nutrition, Faculty of Agriculture, ~~Ain Shams~~  
University.

Date of examination:     /     /1995



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**SALAH MOHAMED KAMAL MAHMOUD**

B.Sc.(Animal Production Department)

Faculty of Agriculture, Ain Shams University, 1984.

Under the supervision of :- **Prof. Dr. H. M. M. KHATTAB,**

Prof. of Animal nutrition,

Fac. of Agric. Ain Shams Univ.

**Dr. A. ABDEL BASIT**

Researcher in wastes Recycle Depart.,

(APRI), Minist. of Agri., Giza

## **ABSTRACT**

Fish meal was stored for 26 weeks under different storage methods (in store, under shade and in sun) with or without supplemented antioxidant BHT ( 125 and 250p.p m), and incorporated in the experimental diets. All feeds contained about 37% crude protein and 4800 kcal GE/Kg diet. They were fed to tilapia (*O. niloticus*) fingerlings for 12 weeks.

The average of initial body weight was 2.8g. The results from storing experiment showed that the best storage method is in store, and addition

antioxidant ethoxyquin from the origin protected fish meal against oxidation and changes in chemical composition. In the feeding experiment, stored fish meal in store and without addition antioxidant BHT offered the best results in growth parameters, feed efficiency and chemical composition of whole body of fish.

Key words: Fish meal, Storage, antioxidant, Tilapia, Storage and feeding experiments.

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