

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكرو فيلم

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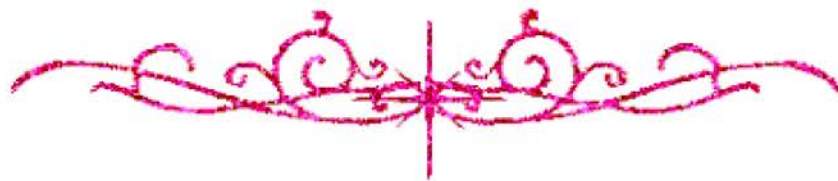
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بعض الوثائق الأصلية تالفة



THE USE OF BIO-FEED ADDITIVES TO IMPROVE RABBIT PERFORMANCE

BY

HEWIDA MOHAMED HASAN EL- ALLAWY

B. Sc. Agric. Sci., Fac. Agric., Cairo Univ., 1980.

M.Sc. Agric. Sci. (Poultry Nutrition), Anim. Prod. Dept.,

Fac. Agric, Cairo Univ., 1991

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Name of Candidate Hewida Mohamed Hassan El- Allawy Degree Ph.D

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Supervisors Pr of . Dr. M.R. EL- Abbady, Prof. Dr. A.A. Ghazalah and Prof . Dr. H.M. Ali

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ABSTRACT

The present study was carried out at the rabbitry belonging to the Department of Animal and Poultry Nutrition and Production , National Research Center , Dokki , Egypt , during the period From 1997 to 2000.

This study aimed to investigate the effect of supplementing weanling rabbit diet with different probiotics either microbial

(Yea - Sacc., Lacto - Sacc. and Acid Pak - 4 - Way) or acidifiers (Ascorbic and Citric) either individually or in combination on the growth performance, nutrients digestibility , carcass traits. weights and measurements of gastro - intestinal tract , pH of gastric and ceacum contents, mortality, blood biochemistry and economic efficiency of New Zealand growing rabbits during post - weaning period .

A pilot experiment and two feeding experiments were conducted using a total of 150 weaned NZW rabbits , six weeks of age and about 800 g live body weight and fed dietary treatments up till 13 weeks of age . Inclusion of either microbial probiotics or acidifiers in the weaning rabbit diet improved the nutritive value and digestibility coefficients of nutrients resulting in improved feed conversion and daily gain, carcass traits and survival rate without any harmful effect on liver and kidney functions. However, the most effective probiotic was Lacto - Sacc, followed by Yea - Sacc and then by Acid Pak 4 - Way . Among acidifiers, Ascorbic acid was in the first matters followed by citric acid . Moreover , it is preferable to use either the probiotics or the acidifiers separately than combination form . Accordingly , the pH of the stomach could be easily controlled and the rabbit can survive in normal conditions which lead to maximum profitability . Further studies are needed to study the effect of such supplements when used in drinking water, since in these experiments either the probiotics or the acidifiers were added in the diet either separately or in combination

M.R. El-Abbady

A.A. Ghazalah

Cairo University

Faculty of Agriculture

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B. Sc. Agric. Sci., Fac. Agric., Cairo Univ., 1980.

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Fac. Agric, Cairo Univ., 1991

Under the Supervision of :

Prof. Dr. M.R. El- Abbady 

Professor of Poultry Nutrition

Fac. Agric., Cairo Univ.

Prof. Dr. A.A. Ghazalah 

Professor of Poultry Nutrition

Fac. Agric., Cairo Univ.

Prof. Dr. H. M. Ali 

Professor of Poultry Nutrition

National Research Centre,


Cairo.


APPROVAL SHEET

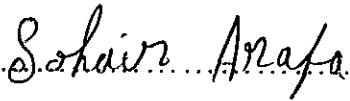
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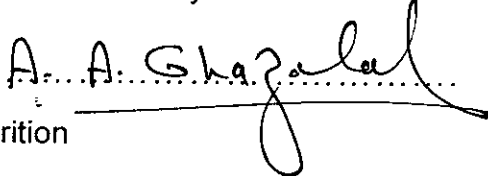
Name: **HEWIDA MOHAMED HASAN EL- ALLAWY**

This thesis for Ph. D. Degree has been approved by:

Prof. Dr. M. R. El-Abbady 
Professor of Poultry Nutrition
Faculty of Agriculture, Cairo University

Prof. Dr. M.M.M. Abdella 
Professor of Poultry Nutrition
Faculty of Agriculture, Moshtohor, Zagazig University

Prof. Dr. S.A. Arafa 
Professor of Poultry Nutrition
Faculty of Agriculture, Cairo University

Prof. Dr. A.A. Ghazalah 
Professor of Poultry Nutrition
Faculty of Agriculture, Cairo University

Committee in charge

Date : 24 / 7 / 2001

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