



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

**EFFECT OF SUPPLEMENTAL MICROBIAL
PHYTASE ON PRODUCTIVE PERFORMANCE OF
BROILER CHICKENS**

BY

27.11.88

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B.Sc. Agric. Sci. (Poultry Production), Ain Shams Univ., 1983.

M.Sc. Agric. Sci. (Poultry Nutrition), Ain Shams Univ., 1994.

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Faculty of Agriculture
Ain Shams University

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ABSTRACT

Zeinab Mahmoud Desouky Aly. Effect of supplemental microbial phytase on productive performance of broiler chickens. Unpublished Ph.D. Dissertation, Ain Shams University, Faculty of Agriculture, Department of Poultry Production 2001.

This study was carried out at the poultry Research station, EL-Kanater EL-Khairia, Kalubia governorate belonging to Animal Production Research Institute, A.R.C., Egypt. This study included 600 broiler chicks one day old and used till-7 weeks. Chicks were divided into three experiments, each experiment was divided into five treatments. Broiler chickens of all treatments were fed diets was fed ration of plant origin. In experiment (1): the diet composition depend on soybean meal as source of plant protein. experiment (2): the main source of plant protein was sesame meal. experiment (3): sunflower meal was the main source of plant protein. In each experiment, the treatments were: the control balanced diet, the low P diet and the low P diet with 250, 500 and 750 unit of phytase/kg. Results obtained indicated that phytase supplementation showed improvement in productive performance of broiler including average body weight, average body weight gain, feed intake and feed conversion. Moreover, phytase addition improved utilization of P, Ca, Cu and Zn, improved bone quality whatever was the source of protein.

Key words: broiler - phytase - productive performance, utilization of minarals, plasma, bone quality.



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