



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل

**UTILIZATION OF SOME YEAST CULTURES AS FEED
ADDITIVES IN DAIRY ANIMALS RATIONS**

By

TAREK ABD EL-FATTAH MOHAMMED ALI

B. Sc. Agric. (Animal Production) Cairo Univ., 1991

A thesis submitted in partial fulfillment
of
the requirements for the degree of

MASTER OF SCIENCE

In

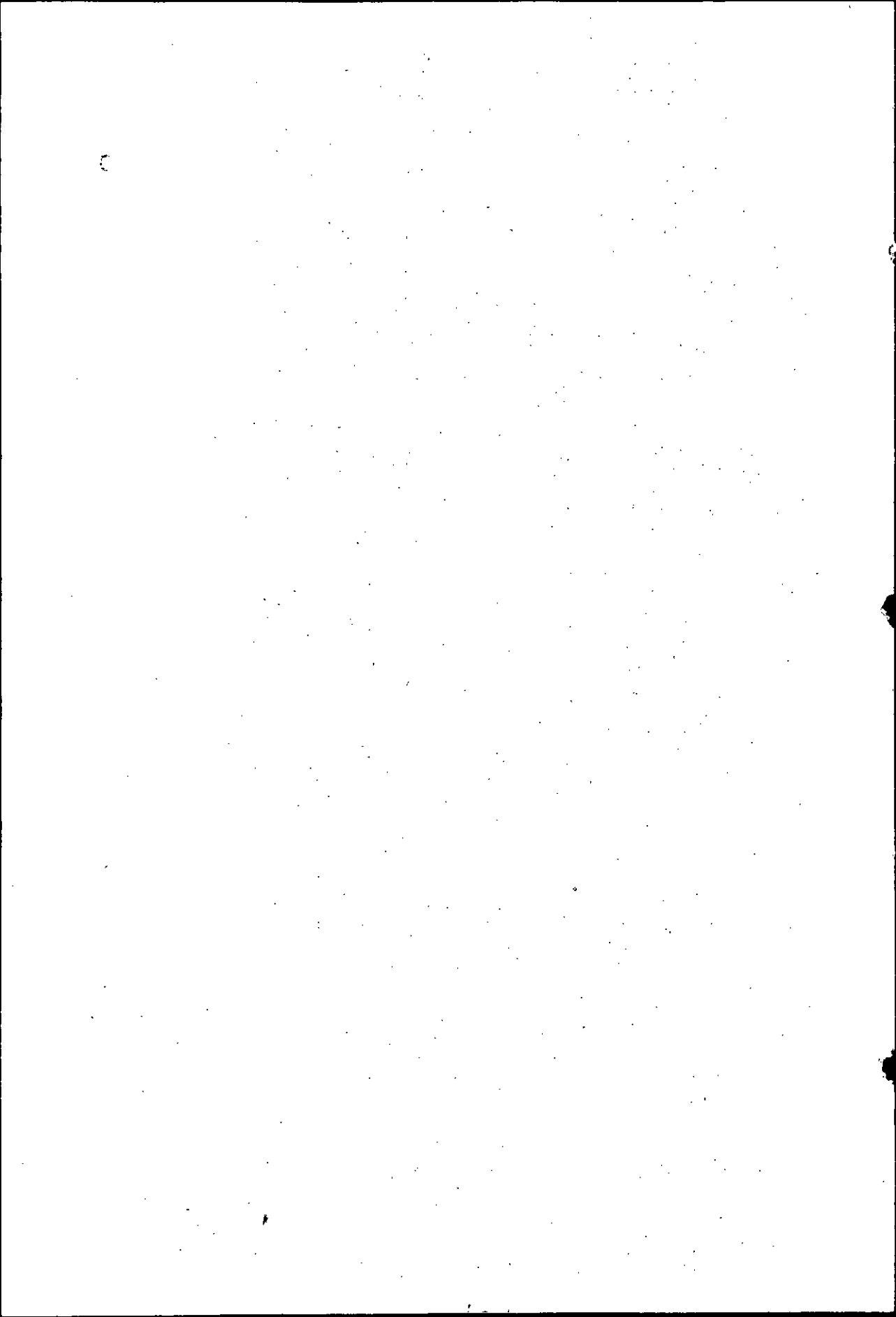
Agriculture

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**Department of Animal Production
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B. Sc.



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Date of examination : 10/11/ 1999

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ABSTRACT

Tarek Abd El-Fattah Mohamed Ali. Utilization of some yeast culture as feed additives in dairy animals rations. Unpublished Master of Science Dissertation, University of Ain Shams, 1999.

Twenty lactating buffaloes in their 1st wk of lactation were grouped into 4 feeding treatments, 5 animals each, according to their milk yield in the preceding lactation and animal weight. The treatments were (1) control (2) control + 10g Yea Sacc¹⁰²⁶ (3) control + 10 g Lacto Sacc (4) control + 10 g Baker's Yeast. The daily control ration consisted of concentrate feed mixture (CFM): berseem and rice straw (55 : 45, dry matter basis).

The treatments extended to 25 weeks after parturition. Yea Sacc¹⁰²⁶ supplementation significantly ($P<0.05$) increased nutrients digestibilities, milk yield, fat-corrected milk yield, milk protein content, C₁₆ content in milk fat; histidine, phenylalanine, serine, glycine, proline, tyrosine and total non essential amino acids in milk; total protein, albumin, urea nitrogen, glucose and cholesterol in blood serum than control. Lacto Sacc supplementation significantly ($P<0.05$) increased nutrients digestibilities, C₁₈ in milk fat, histidine, glycine and proline in milk, albumin and glucose in blood serum, however it decreased ($P<0.05$) alkaline phosphatase than control. Baker's Yeast supplementation significantly ($P<0.05$) increased nutrient digestibilities; C₁₄ and C₁₆ in milk fat and glucose in blood serum, however it decreased ($P<0.05$) C₁₈ content in milk fat. It could be concluded that Yea Sacc¹⁰²⁶ supplementation to the ration had a great beneficial effects on the productive performance and the economical efficiency of lactating buffaloes under the field condition in Egypt.

Key words: Yeast culture, Lactating buffaloes, Nutrients digestibilities, Blood serum, Milk yield, Fatty acids, Amino acids.

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