شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومـــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

﴿ قَسَـــم ﴾

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية 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 %

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

Effect of dry live yeast as feed additive on lactating cows and growing sheep performance

By

Ahmed Mohamed Abd El-Hafeez Mostafa

B.Sc. Agric., (Animal Production), 1988

Faculty of Agriculture, Fayoum

Cairo Univ.

Thesis

Submitted in Partial Fulfillment
of the Requirements for the Degree
of Master of Science

in

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Department of Animal Production

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ABSTRACT

Dry live yeast, *Saccharomyces cerevisiae,* (SC) as feed additive in cows and sheep rations were nutritionally evaluated through three trials of digestibility, lactation for cows and growth for sheep. The levels of yeast supplemented were 0, 10, 20 and 30 g/head/day for cows and sheep to find out the best level of dry live yeast. Accordingly, the tested rations were R_1, R_2 and R_3 along with the control ration (C) forming 4 treatments. The control ration (C) was composed of 50% concentrate mixture, 40% clover plus 10% wheat straw. At the end of lactation and growth trials simple economic evaluation was estimated. The results showed that the yeast contained 45.62% CP, 2.25% EE, 3.0% CF, 42.23% NFE and 6.9% ash. Nutrient digestibilities of the tested rations were insignificantly improved by adding yeast. The feeding values of the tested rations were better when yeast was added. Feed intake of lactating cows was significantly higher ($p \leq 0.01$) by adding yeast. Moreover, milk yield and milk composition were improved with yeast supplementation. From economical point of view use of R_1 (10 g/yeast/cow/day) could be recommended to improve milk production and feed conversion. Lambs body weight gain and feed conversion were significantly improved ($p \leq 0.05$) by adding dry live yeast. It could be concluded that R_1 (10 g yeast/lamb/day) could be used as growth promoter for growing sheep ration.

Key words: yeast, cows, lambs, performance, milk yield, milk composition, body weight gain, feed conversion, economic evaluation.

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