



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

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 %



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل

**PERFORMANCE OF FRIESIAN CALVES
UNDER DIFFERENT MANAGERIAL
CONDITIONS**

**BY
MAGED HOSNY HAMYD KANDEAL**

A thesis submitted in partial fulfillment
of

The requirements for the degree of

MASTER OF SCIENCE

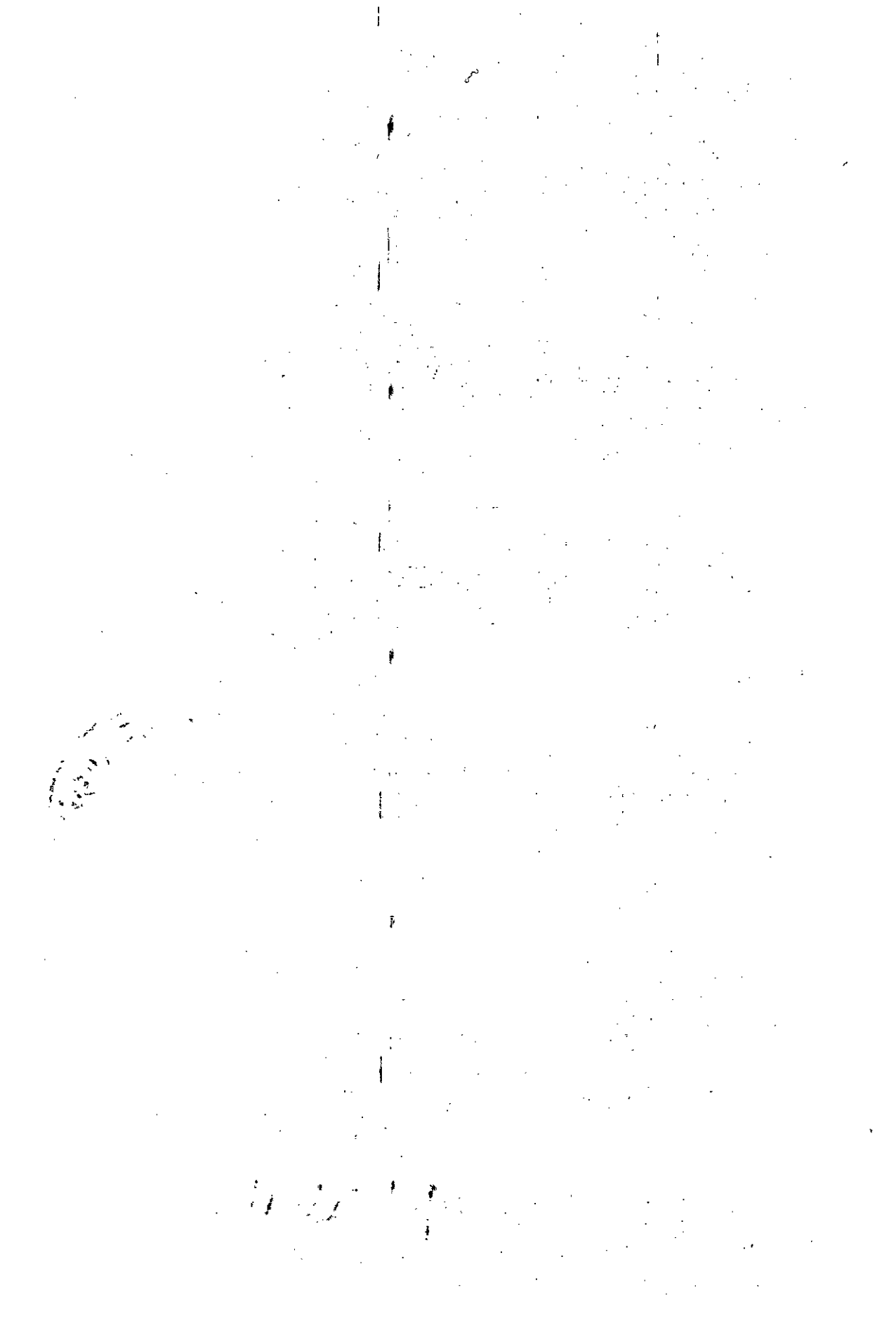
In
**Agricultural Science
(Animal production)**

To
Department of Animal production
Faculty of Agriculture, Moshtohor
Zagazig University, Banha Branch



2003

B 7171



PERFORMANCE OF FRIESIAN CALVES UNDER DIFFERENT MANAGERIAL CONDITIONS

BY
MAGED HOSNY HAMYD KANDEAL

(B.Sc. Agric-Animal Production, Cairo Univ., 1983)

Under the Supervision of:

Prof. Dr. Ibrahim A. Khalil *Ibrahim Khalil*
Professor of Animal Physiology, Faculty of Agriculture,
Moshtohor, Zagazig Univ., Banha Branch.

Prof. Dr. Abd El-Karim I. M. El-Sayed *Abdel Karim I. El-Sayed*
Professor of Animal Physiology, Faculty of Agriculture,
Moshtohor, Zagazig Univ., Banha Branch.

Dr. Ibrahim L. Ibrahim *Ibrahim*
Senior professor of Animal Physiology, APRI, Agriculture
Research Center, Ministry of Agriculture.

Approval Sheet

PERFORMANCE OF FRIESIAN CALVES UNDER DIFFERENT MANAGERIAL CONDITIONS

BY

MAGED HOSNY HAMYD KANDEAL

(B.Sc. Agric-Animai Production, Cairo Univ., 1983)

This thesis for M.Sc degree has been

Approved by:

1-Prof. Dr. Abd El-Shafy M. AbdEl-Samee.....*Abdel Shafy*.....
Prof. of Animal Physiology, Faculty of Environmental Agriculture
Science, Suez Canal University, Arish, North Sini.

2-Prof. Dr. Ahmed A. Radwan.....*A. A. Radwan*.....
Prof. of Poultry Physiology, Faculty of Agriculture, Moshtohor,
Zagazig University, Banha Branch.

3-Prof. Dr. Ibrahim A. Khalil.....*Ibrahim Khalil*.....
Prof. of Animal Physiology, Faculty of Agriculture, Moshtohor,
Zagazig University, Banha Branch.

4-Prof. Dr. Abd El-Karim I. M. El-Sayed.....*Abdel Karim I. El-Sayed*.....
Prof. of Animal Physiology, Faculty of Agriculture, Moshtohor,
Zagazig University, Banha Branch.

5-Prof. Dr. Ibrahim L. Ibrahim.....*Ibrahim*.....
Senior Prof. of Animal Physiology, APRE, Agriculture Research
Center, Ministry of Agriculture.

Date of Examination: 6 / 2 / 2003

ACKNOWLEDGMENT

ACKNOWLEDGMENT

All thanks to ALLAH

Who have given me a lot of gifts in my life and made me capable for carried out this work.

I have the pleasure to express my deepest appreciation and sincere gratitude to Prof. Dr. Ibrahim A. Khalil, Professor of Animal Physiology, Faculty of Agriculture, Moshtohor, Zagazig University for suggesting and planning the work, close and kind supervision, valuable advice, revision of the manuscript and continuous help.

Also, cordial and special thanks and deep sincere gratitude to Prof. Dr. Abd El-Karim I. M. El-Sayed, Professor of Animal Physiology, Faculty of Agriculture, Moshtohor, Zagazig University for his close and kind supervision, valuable efforts and advices, continuous encouragement, careful revision and continuous help.

Deep thanks and sincere gratitude to Dr. Ibrahim L. Ibrahim Senior professor of Animal Physiology, Animal Production Research Institute, Agriculture Research Center for supervision, providing facilities, excellent guidance, revision of the manuscript and continuous help.

Special and friendly thanks to my friend Dr. M. Gad Director of Ali-Ezat farm for his unlimited help during the progress of experimental work and for providing facilities needed to implement the trials.

Thanks and deep gratitude to Prof. Dr. Abd El-Shafy M. AbdEl-Samee Prof. of Animal Physiology, Faculty of Environmental Agricultural Sciences, Suez Canal University, El-Arish, North Sini for his excellent guidance and approvadence.

Thanks and deep gratitude to Prof. Dr. Ahmed A. Radwan Prof. of Poultry Physiology, Faculty of Agriculture, Moshtohor, Zagazig University for his excellent guidance and approvadence.

Finally, I'm so grateful from all my deeps heart to my beloved **Father**, **Mother** and **Brother**, I also would like to present grateful to my **wife**, son **Omer** and daughters **Hebato-Ella** and **Manal** whose, all, share me my suffering and supported me in the hard times.