

سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



سامية محمد مصطفى



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



سامية محمد مصطفى



شبكة المعلومات الجامعية



بالرسالة صفحات لم ترد بالأصل



**STUDIES ON THE BIOLOGICAL CONTROL
OF THE POTATO TUBER-MOTH
PHTHORIMAEA OPERCULELLA (ZELLER)
(Lepidoptera : Gelechiidae)**

By

**Mohamed Ibrahim Shedeed Eid
B. Sc. Agric. (Plant Protection)
Faculty of Agriculture
Menoufiya University (1984)
M. Sc. (Economic Entomology)
Faculty of Agriculture
Menoufiya University (1992)**

THESIS

**Submitted for the Degree of
DOCTOR OF PHILOSOPHY**

In

**Economic Entomology
Department of Economic Entomology
and Agricultural Zoology
Faculty of Agriculture
Menoufiya University**

2001

B

15 V 11 V

SUPERVISION COMMITTEE

The Thesis Entitled :

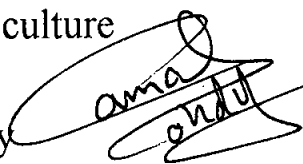
Studies on the biological control of the potato tuber moth *Phthorimaea operculella* Zeller.

Submitted by : Mohamed Ibrahim Shedeed Eid .

Supervised by :

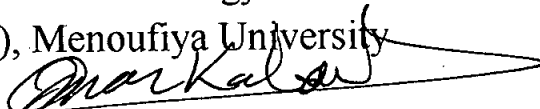
1- Prof. Dr. GAMAL EL-DIN IBRAHIM ZOHDY

Vice-Dean of the Faculty of Agriculture
Menoufiya University
Professor of Agricultural Zoology
(Acarology)




2- Prof. Dr. MOHAMED ALY OMAR KOLAIB

Professor of Economic Entomology
(Biological Control), Menoufiya University



3- Prof. Dr. MOHMOUD ALY EL-SAMNI

Associate Professor of Economic Entomology
Menoufiya University



4- Prof. Dr. MOHAMED FAWZY ASHMAWY HAYDAR

Professor of Economic Entomology
Agricultural Research Center,
Plant Protection Research Institute
Ministry of Agriculture



APPROVAL SHEET

Thesis Entitled :

Studies on the biological control of the potato tuber moth *Phthorimaea operculella* Zeller.

Student Name: Mohamed Ibrahim Shedeed Eid .

Degree : Ph. D. Sc. In Economic Entomology

Approved by :

1- Prof. Dr.

m. Mokbel m. Alstamy

2- Prof. Dr. A. ElNabawi

3- Prof. Dr.

Amel

4- Prof. Dr.

Murkateh

Committee in Charge

Date : 18 / 6 / 2001

quantitative analysis of the data

ACKNOWLEDGMENT

ACKNOWLEDGMENT

The author is particularly very grateful to Professor Dr. Gamal El-Din Ibrahim Zohdy, Prof. of Agricultural Zoology (Acarology) Economic Entomology and Agriculture Zoology Department and the Vice- Dean of the Faculty of Agriculture, Menoufiya University, Shebin El-Kom. for his supervision and advice during the course of the present investigation.

The author wishes to express his deep thanks and sincere appreciation to Prof. Dr. Omar Kolaib Prof. of Economic Entomology (Biological control), Economic Entomology Department, Faculty of Agriculture, Menoufiya University, Shebin El-Kom. for suggesting the problem and supervising the subject as well as the valuable advice, Kind encouragement throughout the work writing and reviewing the manuscript.

The author also thanks Dr. Mahmoud Ali El-Samni, Associate Prof. Economic Entomology at the same Department for his advice and help during the work.

The author also wishes to express his thanks and sincere appreciation to Prof. Dr. Mohamed Fawzy Haydar, a head of Research, in Research Institute of plant protection, for supervision and advice, valuable suggestions and priceless efforts during the progress of this work.

Sincere thanks are also due to Dr. Said El-Sayed Ali Prof. of Agronomy, Faculty of Agriculture Menoufiya Univ. for Co-operation in the statistical analysis.

I am thankful to all staff members and the workers of the Economic Entomology and Agricultural Zoology Department, Faculty of Agriculture, Menoufiya University.

