



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



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



# **CONTROL OF CERTAIN PESTS ATTACKING COTTON PLANTS**

**BY**

***AHMED-ATTA ABD-ALLAH TAWFIK ZAKI***

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

**MASTER OF SCIENCE**

**in  
Agriculture  
(Pesticides)**

**Department of Plant Protection  
Faculty of Agriculture  
Zagazig University**

**2001**



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ اللَّهُ تَبٰرَكَ وَتَعَالٰى  
مَا عَلَّمْتُكَ اِنَّكَ اَنْتَ الْعَلِيمُ الْحَكِيمُ

صَدَقَ اللَّهُ الْعَظِيمُ



مركز آيات للطباعة والكمبيوتر

مساكن لكوظ - الزراعة - الزقازيق

٠١٢/٣٧٩٧٦٤٧

# CONTROL OF CERTAIN PESTS ATTACKING COTTON PLANTS

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*B.Sc. Agric. of Plant Protection 1980*

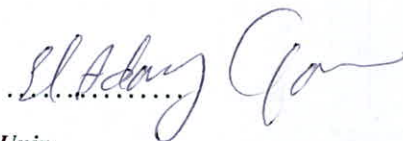
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**COTTON PLANTS**

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# ABSTRACT

## CONTROL OF CERTAIN PESTS ATTACKING COTTON PLANTS

Field experiments were undertaken during 1998 and 1999 seasons at Minia El-Kamh, Sharkia Governorate. Cotton seeds treated with imidacloprid increased the emergence of cotton seeds, succeeded to protect cotton plants from aphids, thrips and whitefly but decreased the numbers of predators. Increasing the levels of N and P fertilization caused increase the levels of aphid and white fly infestation. Potassium fertilization decreased the aphid and whitefly infestation. Lufenuron was proven to be more rapid and effective against cotton leaf worm than flufenoxuron. Mean food consumed were decreased in treated larvae as compared with that of untreated ones. Fenpropathrin exhibited better efficacy than cyanophos on *Pectinophora gossypiella*. Moreover, significant lower infestation percentages were noticed when spraying with insecticides took place rapidly after maximum 3 days from 2 moths/trap/night.



