



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 بللّاه 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

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INTEGRATED PEST MANAGEMENT BY USING ENVIRONMENTAL SANITATION AND NATURAL PRODUCTS.

BY

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Ain Shams Univ. 1991

**A Thesis submitted for the
Degree of Ph. D.**

In

Environmental Sciences

Department of Agriculture Science

Institute of Environmental Studies and Research

Ain Shams University

1999

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APPROVAL SHEET

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Environmental Sanitation Non Conventional
Approaches and Natural products .

Degree : Ph. D.in Environmental Science

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management
of products
of Institute

the Institute
has been
obtained
plant part
recent period
has guided
and finding
was guided
plant part
Separation
in chemical
compounds

Company
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successful
operations

integrated

ABSTRACT

Mohamed Jhedan Abdel-Lateef Integrated Pest Management by Using Environmental Sanitation, and Natural Products. Unpublished Ph.D. Thesis in Environmental Sciences, Institute of Environmental Studies and Research, 1999.

Twelve plants belong to 7 Families were selected throughout the present stud. Extracts of different parts of each plant were prepared in water and organic solvent having different polarity. The obtained results indicated the important role of plant species, plant part, solvent of extraction, extract concentration post-treatment period, and pest species in determining the insecticidal antifeeding and ovicidal activities of tested extracts. The same trend of finding was noticed in concern of fungitoxic effects of the evaluated plant extracts on some soil-borne fungus and powder mildew. Separation, determination and preliminary identification of certain chemical constituents. i.e. glycosides, thioglucosides phenolic compounds, thiocyanates, and alkaloids wee carried out in the tested plants.

Pesticidal activities of the methonolic extract of *Conyza canadensis* weed on some pests attacking vegetables, i.e powdery mildew, aphids, whitefly, and virus on cucumber were also evaluated.

The phytotoxic effects on horsebean and tomato seed germination was studied Finally, survey of pests inhabiting weeds around water canals at Fayoum Governorate was done. Questionnaire dealing with constraints conforming successful pest control was distributed on farmers and achieved good indications.

Key words-:

Insects, Fungi. Plant extracts, Pesticidal activity, Integrated Pest management.

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