



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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

**EVALUATION AND APPRAISAL OF SOME
PREDATORY MITES OF PRINCIPAL
ACARINE PESTS ON VEGETABLE CROPS**

B4942

By

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B.Sc. (Entomology) Fac. of Agric., Ain Shams University 1976

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(Agricultural Zoology)

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Faculty of Agriculture
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ABSTRACT

Sonia Ahmad Saber Ahmad Fahmy. Evaluation and appraisal of some predatory mites of principal acarine pests on vegetable crops. Unpublished Doctor of Philosophy Degree, Department of Plant Protection, Faculty of Agriculture, Ain Shams University, 1997.

Biological aspects of the predacious mites, *Amblyseius cydnodactylon* and *Cydnoseius negevi* were determined. Effects of the prey stage of *Tetranychus urticae* and prey species including *Aceria ficus*, *Eriophyes dioscoridis*, *Bemisia tabaci* and *Thrips tabaci* were investigated.

Ecological studies included effects of leaf surfaces, nymph densities of *T.urticae* in absence or presence of *B.tabaci* nymphs, temperatures and relative humidities on the survival, reproduction and consumption rates.

Toxicological studies showed that malathion and dimethoate were severely toxic to *A.cydnodactylon* and *C.negevi*, respectively. A malathion-resistant strain of *A.cydnodactylon* was induced, although the reproduction decreased after 8 selections.

Key words: *Amblyseius cydnodactylon*, *Cydnoseius negevi*, leaf surface, prey density, temperature, relative humidity, resistance.

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