



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



TANTA UNIVERSITY
Faculty of Agriculture,
Kafr El-Sheikh

PESTICIDAL EFFICIENCY OF SOME FUMIGANTS AGAINST CERTAIN STORED PRODUCT PESTS

B4708

By

Amal Moustafa Mohammad Hamza
B.Sc., Fac. of Agric. Tanta Univ., 2000

THESIS

Submitted in Partial Fulfilment of the
Requirements for the degree of
Master of Agricultural Sciences
(PESTICIDES)

Department of Pesticides
Faculty of Agriculture,
Kafr El-Sheikh
Tanta University

2006



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ABSTRACT

Five fumigants i.e. P. dichlorobenzene; Acrylonitril, Carbon disulfide, Ethylene dichloride and phosphine were evaluated for their fumigant toxicity against the stored grain insects *Tribolium castaneum*, *Trogoderma granarium* and *Callosobruchus maculatus*. The study aimed to bring the use of these fumigants to proper standards of safety and efficacy from the point view of reducing the dosage, explosion and improving the toxicity. The aim was achieved through the correct use, utilizing the joint action of fumigant mixtures and interactive effects of phosphine and modified atmosphere. Results obtained were statistically analyzed and discussed.

