بسم الله الرحمن الرحيم

شبكة المعلومـــــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

﴿ قـــســـم ﴾

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية 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 %

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

EFFECT OF SOME PESTICIDES ON THE MYCOFLORA OF SOYBEAN SEEDS AND PRODUCTION OF LIPASE AND PROTEASE ENZYMES

A THESIS
Submitted In Partial Fulfillment
For The Degree Of M.Sc. In Botany

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South Valley University
Egypt

1995

بسم الله الرحمن الرحيم

سبحانك لا علم لنا إلآ ما علمتنا

إنك أنت العليم الحكيم

صدق الله العظيم

(سورة البقرة الآيه ٣٢)

To My Parents

This Thesis has not Previously been submitted for any degree at this or at any other university

Acknowledgement

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A. S. S. Saleem

1995

The Aim Of The Present Investigation

The Aim of The Present Investigation

The present investigation was designed to study intensively the following:

1- The composition, numbers and frequencies of occurrence of glucophilic and osmophilic or osmotolerant fungi associated with 50 soybean seed samples collected from various Governorates in Egypt.

2- The effect of some pesticides, commonly used in Egypt for seed treatment, on soybean seed-borne fungi.

3- Screening of 25 fungal isolates for their abilities to produce lipase and protease enzymes.

4- Effect of some environmental and nutritional factors in addition to effect of four pesticides on lipase production by *Aspergillus flavus* and *Penicillium chrysogenum*.

5- Effect of some environmental and nutritional factors in addition to effect of four pesticides on protease production by *Gibberella fujikuroi* and *Penicillium corylophilum*.

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