



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Ain Shams University Information Network  
جامعة عين شمس

شبكة المعلومات الجامعية

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

## 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 نم ترد بالاصل



**BIOLOGICAL STUDIES ON POLLINATION  
FERTILIZATION AND FRUIT SET OF SOME  
OLIVE CVS.**

B4967

**BY**

**EMAD GIRGIS MIKHAIL GIRGIS**

B. Sc. Agric. (Horticulture), Ain Shams Univ. 1980

A thesis submitted in partial fulfillment

Of

the requirement for the degree of

**MASTER OF SCIENCE**

**In**

**Agriculture**

**(Pomology)**

**Department of Horticulture**

**Faculty of Agriculture**

**Ain Shams University**

1999



# APPROVAL SHEET

## BIOLOGICAL STUDIES ON POLLINATION FERTILIZATION AND FRUIT SET OF SOME OLIVE CVS.

BY

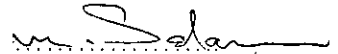
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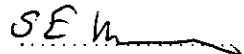
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**Date of Examination 2 / 1 /1999 .**





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## ABSTRACT

**Emad Girgis Mikhail Girgis, Biological studies on pollination, fertilization and fruit set of some olive cvs.**

Unpublished Master of Science, thesis, Ain Shams University Faculty of Agriculture, Horticulture Department (Pomology), 1999.

Two independent parts of this study were carried out during 1995 to 1997 seasons on two mothers cv. olives :Picual and Manzanillo trees of about 8 years old in order to improve the cropping of this two mothers through adopting the cross-pollination technique by using the following male parents: Chemlali, Arbqueen, Koronaki, Leccino, Mission, Manzanillo and Picual.

Results indicated that the use of Leccino, Koronaki and Manzanillo male parents as pollinizer for Picual olive and Chemlali for Manzanillo olive could be recommended under similar environment of the present investigation. In general to ensure maximum fruit production from olive orchards every year, it would be advisable to arrange for cross-pollination.

### **Key words:**

Olive – Picual – Manzanillo – Chemlali - Arbqueen – Koronaki – Leccino – Mission – cross pollination – open pollination – selfing – fruit quality.



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