

شبكة المعلومات الجامعية







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 على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار في درجة حرارة من ١٥-٥٠ مئوية ورطوبة نسبية من ٢٠-٠٠% To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%



## بعض الوثائـــق الإصليــة تالفــة



# بالرسالة صفحات لم ترد بالإصل



Agricultural Botany Department Faculty of Agriculture

#### STUDIES ON SEED-BORNE FUNGI AFFECTING SEED QUALITY OF CERTAIN MAJOR CEREAL CROP SEEDS, AND THEIR CONTROL

A Thesis Submitted in Partial Fulfillment for the Requirements for the Degree of

M. MO OP

Master of Agriculture Science
''Plant Pathology''

By

Dalia Mohamed Kamal Shahin

B.Sc. Agriculture Science "Plant Pathology" Minufiya Univ., 1996

Supervised by

Prof. Dr. Mohamed Ahmed Awad

Prof. Dr.
Abdalla Mahmoud Abd El-Monem

Dr. Gomma Abd El-Alim Amer

Minufiya University Shibin El-Kom

2002



#### APPROVAL SHEET

Title of Thesis

: Studies on seed-borne fungi affecting seed quality of certain major cereal crop seeds, and their control.

Submitted To

: Department of Agricultural Botany,

Faculty of Agriculture, Minufiya University,

Shibin El-Kom, Egypt.

Presented By

: Dalia Mohamed Kamal Shahin

For the Degree of: Master in Agric. Sci. (Plant Pathology)

This Thesis has been Assessed and Approved by:

1. Prof. Dr. Mohamed Roshdy Sehly.

n. R. Sehly

2. Prof. Dr. El-Said Zaky Khalifa.

E.Z. Khalifa M.A.A.wal

3. Prof. Dr. Mohamed Ahmed Awad.

Judgment Committee in Charge

Department of Agricultural Botany Faculty of Agriculture, Minufiya University Shibin El-Kom, Egypt.

Date: / /2001



#### **CREDIT SHEET**

(Supervisison Committee)

Title of Thesis : Studies on seed-borne fungi affecting seed quality of

certain major cereal crop seeds, and their control.

Presented By : Dalia Mohamed Kamal Shahin

B. Sc. Agricultural Sciences "Plant Pathology"

Minufiya Univ. 1996

This thesis has been supervised by:

1. Prof. Dr. Mohamed Ahmed Awad
Professor of Plant Pathology,
Faculty of Agriculture, Minufiya University.

.M. A. Awab

2. Prof. Dr. Abdalla Mahmoud Abd El-Monem
Professour of Plant Pathology,
Plant Pathology Institute,
ARC, Giza

3. Dr. Gomma Abd El-Alim Amer Associate Prof. of Plant Pathology, Faculty of Agriculture, Minufiya University G.A. Anez

Date: / /2002



#### ACKNOWLEDGEMENT

The author wishes to express his gratitude to  $\mathcal{D}r$ .  $\mathcal{M}$ . Awad;  $\mathcal{P}$ rofessor of Plant Pathology, Faculty of Agriculture, Minufiya University for suggesting the problem, supervision and guidance during this work and preparing the manuscript.

The author also wishes to express his gratitude to  $\mathcal{D}r$ .

A.M. Abd El-Monem Prof. of Plant Pathology, Plant Pathology Institute, ARC, Giza for faithful supervision.

Thanks are also due to  $\mathcal{D}r$ .  $\mathcal{M}$ .  $\mathcal{R}$ .  $\mathcal{R}$  Associate Professor of Plant Pathology, El-Sabahiya Station Research, ARC, Alexandria for faithful interest in promoting this study and preparing the manuscript of this work. Also thanks due to  $\mathcal{D}r$ .  $\mathcal{G}$ .  $\mathcal{A}$  Mer, Associate Prof. of Plant Pathology, Faculty of Agriculture, Minufiya University for faithful supervision.

I am deeply grateful to all members of the Agricultural Botany Department, Faculty of Agric. Minufiya Univ. and the staff members of Sabahiya Research Station, Alexandria for help and encirclement.

The researcher





