



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل

GENETIC PERFORMANCE OF YIELD AND ITS ATTRIBUTES IN SOME WHEAT GENOTYPES UNDER NITROGEN RATES

BY

ABDEL-FATTAH ABDEL-RAHMAN EL-SAYED MORAD

B.Sc., Higher Institute ,of Agric.-Co-operation ,Shubra (1982)

High Diploma (Agronomy), Al-Azhar University, 1998

THESIS

**Submitted in partial Fulfillment of the
Requirements for the degree**

**Of
MASTER OF SCIENCE**

**IN
AGRICULTURE
(Agronomy)**

**Department of Agronomy
Faculty of Agriculture
Al-Azhar University**

**1422 A.H.
2001 A.D.**

B 0240

APPROVAL SHEET

NAME: ABDEL-FATTAH ABDEL-RAHMAN EL-SAYED MORAD

TITLE: GENETIC PERFORMANCE OF YIELD AND ITS
ATTRIBUTES IN SOME WHEAT GENOTYPES
UNDER NITROGEN RATES

THESIS

Submitted in partial Fulfillment of the
Requirements for the degree

Of

MASTER OF SCIENCE

IN

AGRICULTURE SCIENCES

(Agronomy)

(Breeding)

Department of Agronomy

Faculty of Agriculture

Al-Azhar University

1422 A.H.

2001 A.D.

Approved By:

1- Prof. Dr. MOHAMED EZZ EL-DIN HAGGAG... *Ezz El-Din Haggag*
Professor and Head of Faculty Agronomy Department, Faculty of
Agriculture, Al-Azhar University -

2- Prof. Dr. AL-HOUSSEINI RADWAN AL-KADDOUSS... *A. R. Al-Kaddoussi*
Professor of Agronomy, Faculty of Agriculture, Zagazig University

3- Prof. Dr. MOHAMED ABD EL-SATTAR EL-HENNAWY... *El-Hennawy*
Professor of Agronomy, Faculty of Agriculture, Al-Azhar University

4- Prof. Dr. ABD EL-HAMID MOHAMED ALI OKAZ... *A. M. Okaz*
Professor of Agronomy, Faculty of Agriculture, Al-Azhar University

Date : / / 1422 A. H / / 2001 A.D

RECEIVED
JAN 10 1964
LA

**TITLE: GENETIC PERFORMANCE OF YIELD
AND ITS ATTRIBUTES IN SOME WHEAT
GENOTYPES UNDER NITROGEN RATES**

**NAME: ABDEL-FATTAH ABDEL-RAHMAN EL-SAYED
MORAD**

THESIS
Submitted in partial Fulfillment of the
Requirements for the degree
Of
MASTER OF SCIENCE
IN
AGRICULTURE
(Agronomy)

Department of Agronomy
Faculty of Agriculture
Al-Azhar University
1422 A.H.
2001 A.D.

Supervisory Committee:-

Prof. Dr. MOHAMED EZZ EL-DIN HAGGAG

Professor and Head of Agronomy Department, Faculty of Agriculture, Al-Azhar University

2-Prof. Dr. ABD EL-HAMID MOHAMED ALI OKAZ

Professor of Agronomy, Faculty of Agriculture, Al-Azhar University

3-Dr. ASSAD AHMED HAMADA

Senior Researcher, Wheat Department, Field Crops Research
Institute, ARC.

ACKNOWLEDGMENT

ACKNOWLEDGEMENT

The author wishes to express his sincere appreciation and gratitude to **Prof.Dr Mohamed Ezz-EL Din Haggag** Professor and Head of Crop Sci.Dept.,Faculty of Agric.,Al-Azhar Univ.,for supervision ,suggesting the problem,valuable guidance and constructive criticism through the course of this investigation.

Grateful appreciation is to **Prof Dr Abd-El-Hamid, M. Okaz** Professor of Crop Sci., Faculty of Agric., AL-Azhar Univ., for his supervision continuous generous guidance and Kind advice

Special grateful appreciation and debtednes extended to **Dr. Assad .A. Hamada** Senior Researcher, Wheat Research section, Field Crops. Inst. A.R.C., for his supervision, valuable advice, continuous help and time offered throghout the program of this study and during the preparation of the manuscript.

Scincere. thanks are extended to **Dr. Moustafa, .M.El-Mmenofi**. Wheat. Research section, Field Crops.Ins,A.R.C. Scincere thanks are also due to **Dr. Moustafa, .M.El-Shami**.Senior,Researcher of Plant pathology, PL.Pathol .Res.Instit., A.R.C,

The author gratefully acknowledges the cooperative of all wheat breeders at El-Gemmeiza Research station for their help during the progress of this work . I feel deeply thankful for all staff members and and technicians of Wheat Research Section at Gemmeiza and those of wheat Res.Section in ARC for their valuable help during the progress of this work.

Finally,I express my gratitude to my family, brothers,my wife and my children for their help,patience and encouragement during this study.

