



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



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

PHYSIOLOGICAL STUDIES ON IRIS

BY

MAHMOUD ABDEL-FATAH EL-SAYED

٢٠٧٠٠٩

THESIS

Submitted in Partial Fulfillment of the Requirements

For Degree of Master of Science

IN

FLORICULTURE

Ornamental Horticulture Department

Faculty of Agriculture at Moshtohor

Zagazig University

(Benha Branch)

2004



PHYSIOLOGICAL STUDIES ON IRIS

BY

MAHMOUD ABDEL-FATAH EL-SAYED

B.SC.CO-operative Agriculture Sciences 1992

Higher Institute of Agriculture Co-Operation, Ministry of Higher Education

Fulfillment of B.SC (Hort.), Fac. Of Agric. Moshtohor, Zagazig Univ., (1998)

THESIS

Submitted in Partial Fulfillment of the Requirements

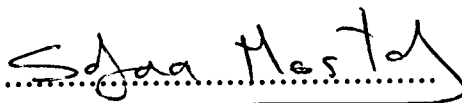
For Degree of Master of Science

IN

FLORICULTURE

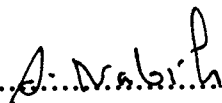
Under Supervision of:

Prof. Dr: Saffaa Mostafa Mohamed.....



Prof. Dr. of Floriculture and Medicinal Plants, Fac. of Agric.
Moshtohor.

Prof. Dr: Aly Nabih Mahmoud.....



Chairman of Botanical Gardens Research
Department, Horticulture Research Institute,
Agriculture Research Center, Ministry of Agriculture.

Dr: Anwar Osman Gomaa.....

Associate Prof. Of Floriculture and Medicinal Plants,
Fac. of Agric. Moshtohor.

Ornamental Horticulture Department
Faculty of Agriculture at Moshtohor
Zagazig University
(Benha Branch)

2004

Approval Sheet

Title of thesis :- Physiological Studies on Iris Plant

Submitted to :- Master of Science degree in Floriculture

BY

Mahmoud Abdel-Fatah El- Sayed

B.SC.CO-operative Agriculture Sciences 1992

Higher Institute of Agriculture Co- Operation, Ministry of Higher Education
Fulfillment of B.SC (Hort.), Fac. of Agric. Moshtohor, Zagazig Univ., (1998)

This thesis has been approved by:

Prof. Dr: Ali Abdel Hamead Ali Meawad

Prof. of Floriculture and Medicinal plants Agric.

Fac. Zagazig univ.

Doctor: Abdallah Saleh Mohamed El-Khayat

Associate Prof. of Floriculture and Medicinal

Plants, Agric. Fac. of Moshtohor, Zagazig Univ.

Banha Branch

Prof. Dr. Safaa Mostafa Mohammed

Prof. of Floriculture and Medicinal Plants, Agric.

Fac. of Moshtohor, Zagazig Univ. Banha Branch

Date of Examination

11 / 10 / 2004

ACKNOWLEDGEMENT

Firstly, my obedience and deep thanks to **ALLAH**. Moreover, Praise **ALLAH**, who have created us and have not left as without guidance. Thanks to **ALLAH** who gave all causes for accomplishing this work.

The author is greatly honored to express his sincere gratitude to **Prof. Dr. Saffaa Mostafa Mohamed** Professor of Floriculture and Medicinal plants, Faculty of Agriculture at Moshtohor, Zagazig University for giving the honor of working under his supervision, valuable guidance and encouragement during study and preparation of this thesis.

The author is greatly honored also to express his sincere gratitude to **Prof. Dr. Aly Nabih Mahmoud** Prof. Dr. of Floriculture Plants, Agriculture Research Institute. for giving the honor of working under his supervision, valuable guidance and encouragement during study and preparation of this thesis.

Great thanks to **Dr: Anwar Osman Gomaa**. Associate Prof. Of Floriculture and Medicinal Plants, Fac. of Agric. Moshtohor

Finally, I have no word to express my deep gratitude to my mother, father, for continues support and encouragement during this thesis, until its finish.

III – 3 - Number of bulblets / plant.....(76)

III – 4 - Fresh weight of bulblets / plant in (g).....(80)

IV – Effect of planting dates, chemical fertilizer and

GA₃ on chemical analysis of *Iris tingitana* cv.

Wedgewood.....(84)

IV – 1 - Nitrogen content (%).....(84)

IV – 2 - Phosphorus (%).....(87)

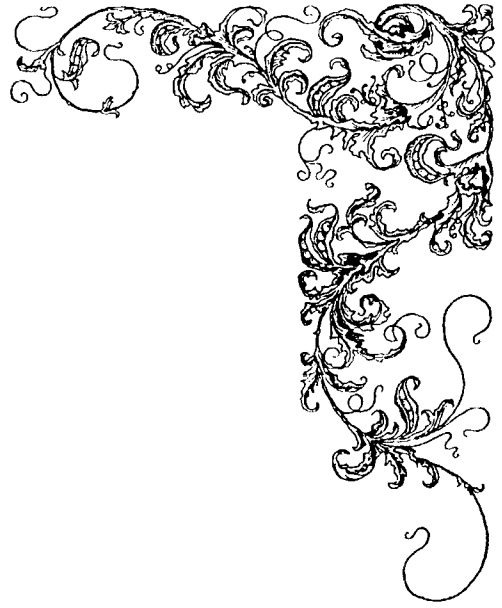
IV – 3 - Potassium %.....(90)

IV – 4 - Total carbohydrates (%).....(93)

SUMMARY AND CONCLOTION(97)

REFREANCES.....(102)

ARABIC SUMMARY



INTRODUCTION



