شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

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 الاصلية تالفة

بالرسالة صفحات لم ترد بالاصل

Response of Plants Grown on Sandy Soils to Micronutrient-Ores Application

BY

ABD EL-NASSER ABD EL-RAZEK MAHMOUD
B. Sc. Agricultural Sciences (Soils & Water) 1995
Suez Canal University

Thesis
Submitted in Partial Fulfillment of the Requirements for the Degree of Master of Science

In
Agricultural Sciences (Soil and Water)

Soil and Water Department
Faculty of Agriculture
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Supervised by

Prof. Dr. El-Sayed Kh. Atta ....

Prof. of Soil Science, Faculty of Agriculture

Suez Canal University

Prof. Dr. Abdel-Monem M. Zayed ....

Prof. of Soil Science, Faculty of Agriculture

Suez Canal University

Dr. Salah Salama Ismail Behairy ....

Senior Researcher of Soil Science, Soil, Water and Environ.

Res. Institute Agriculture Research Center

Soil and Water Department

Faculty of Agriculture

Suez Canal University

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APPROVAL SHEET

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This Thesis for Master Degree in Soil Science has been Discussed and Approved by:

Prof. Dr. Mohamed Abdel Razek Ahmed M. Abd El Razek
Prof. of Soil Science, Faculty of Agric. Assuit Univ.

Prof. Dr. El-Sayed Khalil Atta S. Kh. Atta
Prof. of Soil Science, Faculty of Agric. Suez Canal Univ.

Prof. Dr. Mostafa Ali Mohamed Hassan M. Hassan
Prof. of Soil Science, Faculty of Environ. Agric. Science Suez Canal Univ.

Dr. Salah Salama Ismail Beheiry Beheiry
Senior Researcher of Soil Science, Soil, Water and Environ. Res. Institute
Agriculture Research Center

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To the spirit of my father who passed away,
To my mother, my brother, and my sisters who gave much for me,
To my wife who helped me so much,
To my son Mohamed.

Author	ABD EL NASSER ABD EL-RAZEK MAHMOUD
Title	**Response of Plants Grown on Sandy Soils to Micronutrient-Ores Application**
University	Suez Canal University
Faculty	Faculty of Agriculture, Ismailia
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Supervision committee	**Prof. Dr. El-Sayed kh. Atta** Prof. of Soil Science, Faculty of Agriculture, Suez Canal University **prof. Dr. Abdel-Monem M. Zayed** Prof. of Soil Science, Faculty of Agriculture, Suez Canal University **Dr. Salah salama Ismail Behairy** Senior Researcher of Soil Science, Soil, Water and Environ. RES. Institute, Agriculture Research Center

The main object of the present study is to evaluate using of some soil amendments and micronutrients bearing ores (as a source of some micronutrients) on growth and production of plants grown on sandy soil. Incubation and field experiments were carried out and the following results were obtained :

The extractable amounts of micronutrients were increased by micronutrient bearing ores and soil amendment application.

The concentration and uptake of the micronutrients were significantly increased by some soil amendments and micronutrient bearing ores application.

Yield and yield components of both maize and bean plants were increased as a result of soil amendments or micronutrient bearing ores application and the increment was significant with the combined application of micronutrient bearing ores and some soil amendments.

Indicative Words	**Micronutrient- Ores, soil amendments, maize, faba bean**