

بسم الله الرحمن الرحيم

Sudan University of Sciences and Technology

College of Graduate Studies

**Impact of nutrients and bio-stimulants on growth and
yield of *Aloe vera* plants.**

أثر المغذيات والمحفزات
الحيوية على نمو وإنتاجية
نبات الصبار ألوي

A Thesis Submitted to Sudan University of Sciences and Technology

In Fulfillment of the Requirement for the Degree of Ph.D in Horticulture.

By

Elyas Mohamed Eisa Abdulrahman

**B. Sc. (honors'), (Horticulture), College of Agricultural Studies,
Sudan University of Science and Technology, 1999.**

M. Sc. (Horticulture), Faculty of Agriculture, University of Khartoum, 2007.

Supervisor

Prof. Dr. Tagelsir Ibrahim Mohamed Idris

Co-supervisor

Prof. Dr. Mohamed Osman Warrag

August 2016.