

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

Sudan University of Science and Technology

College Of Graduate Studies

**THE IMPACT OF PARTIAL FEEDING OF
POULTRY MANURES ON PRODUCTIVE
AND REPRODUCTIVE PERFORMANCE OF
GROWING HOLSTEIN - FRIESIAN
HEIFERS**

*A Thesis Submitted to the Sudan University of Science and
Technology in Fulfillment of the Requirement for the
Degree of Doctor of Philosophy*

By:

Fatima Mohayad Banagga

**B.Sc. (Honor) Faculty of Agricultural Sciences,
University of Gezira (1989)**

M. Sc. Animal Production, (1996)

**Faculty of Animal Production, University of
Khartoum**

Supervisor: Associate Professor Dr.

Ahmed Khalil Ahmed

Co-supervisor: Professor Amera Hussian Hamra

November- 2006