

**Sudan University for Science and Technology**

**College of Graduate Studies**

A dissertation submitted in partial fulfillment of the  
requirements of M.Sc. degree, in Environmental  
Forestry

Seed characteristics and dormancy of four  
important indigenous and exotic tree species in  
Sudan

**الخصائص الطبيعية والفسولوجية والكمون لبذور أربعة أنواع  
من الاشجار المحلية والمستجلبه المهمة في السودان**

By

Abd Elgalil Abdalla Mohamed Hamad

Supervisor

Dr. Sayda Mahgoub Mohamed

April 2010

# DEDICATION

... To the soul of my brother

Mohammed (forgiveness and mercy be  
.(upon him

My affection Mother .... (Sitana Bit  
(Elshaair

.(My dear father.... .. (Abdalla Wad Eloi

(My dear friend ... (Galal

To those who taught me that one fruit is  
enough for all, My Brothers and Sisters

....My lovely angel

