

**Sudan University of Science and Technology**  
**College of Graduate Studies**

**The Effect of Different Fertilizer Applications on Growth  
and Grain Yield of Wheat (*Triticum aestivum* L.) in  
High Terrace Soil**

أثر التسميد في نمو محصول القمح وإنتاجيته في تربة التروس  
العليا

*A thesis submitted in fulfillment of the requirements for the  
degree of (Ph.D) in Agronomy*

**By**

**Sami Abdel Ghfar Mahgoub Hassan**

**Supervisor: Professor Dr. Yassin Mohammed Ibrahim dagash**  
**Sudan University of Science and Technology**

**Co-Supervisor: Professor Dr. Sami Mohammed Tambal**  
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**December 2012**

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