

بسم الله الرحمن الرحيم

**Sudan University of Science and Technology**

**College of Agricultural Studies**

**Plant Protection Department**

**EFFECT OF GINGER (*ZINGIBER OFFICINALIS*) ETHANOLIC  
ROOT EXTRACT ON THE SHELF LIFE OF BANANA (*MUSA  
SP.*) FRUITS**

تأثير المستخلص الإيثانولي لجذور الزنجبيل على العمر الرفي لثمار الموز

A thesis submitted in partial fulfillment of the requirements for B.Sc. Honors in  
plant protection

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