

**SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
COLLEGE OF GRADUATE STUDIES**

**Effect of Nitrogen fertilization and seed rate on growth,  
and forage yield of Sudan grass *Sorghum sudanense*  
( Piper) (stapf)**

**تأثير سماد النيتروجين ومعدل البذور على نمو وإنتاجية  
( علف حشيشة السودان ) الجراوية**

**Adissertation Submitted in Partial Fulfillment of the Requirement of  
M. Sc. Degree in Range Science**

**: By**

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