



Sudan University of Science and Technology
College of Graduate Studies

Breeding Dual-purpose Sorghum (*Sorghum bicolor* L. Moench)
Varieties For Fodder and Grain Production

تربية أصناف ثنائية الغرض من الذرة الرفيعة
لإنتاج العلف والحبوب

**A Thesis Submitted to the Sudan University of Science and Technology in Fulfilment of
the Requirements for the Degree of Ph.D. in Agriculture (Agronomy).**

By
Suad Abdel Rahman Hassan
B.Sc. (Agric.) University of Gezira (1992)
M.Sc. (Tropical Animal Production). University of Khartoum (1998)

Supervisor: Prof. (Dr.) Maarouf Ibrahim Mohammed

Co. Supervisor: Dr. Samia Osman Yagoub

Department of Agronomy

April-2015