

	County, Korea.	
2012	Sudan Journal of Agricultural Research, vol.20, p 95-102.	Operative parameters evaluation of a designed flame apparatus to control weeds between faba bean ridges in the River Nile State, Sudan.

يمكنك استخدام صفحات إضافية

أذكر شهادات التقدير أو الجوائز العلمية التي تحصلت عليها:

شهادة تقدير من KAFACI
برجاء ارفاق السيرة الذاتية مع الاستمارة

## Curriculum Vitae

**Name:** Alaeldin Mohamed Elhassan Awadalla Bashari

**Date of birth:** 3 Dec.1957

**Nationality:** Sudanese

**Qualification:**

B.Sc. in Agricultural Mechanization, Mansoura University, Egypt,

August 1981.

M.Sc. in Agricultural Engineering, Cranfield University, Silsoe, UK.

September 1993.

PhD. in Agricultural Engineering, Sudan University of Science & Technology,

May 2010.

**Posts:**

-Agric. Engineer, Gedarif Mechanized Farming Corporation, Jun.1982-

July 1989.

-Research Assistant, Agric. Research Corporation (ARC), Hudeiba Research Station (HRS), Jul.-1989- Jul.1992.

-Researcher Scientist, ARC, HRS, Nov.1993- Jan.2001.

-Assistant Research Professor, ARC, HRS, Jan.2001- August 2007.

-Associate Professor, ARC, HRS, August 2007- till now.

#### **Research Topics:**

-Research in evaluation of different tillage systems for different soils and different field crops in River Nile State.

-Research in design, modification of implement for sowing operation.

-Research in design of intermediate-technology implement for sowing and weeding operation.

-Evaluation of harvest losses for field crops in River Nile State.

- Investigation of energy requirements for field crops in River Nile State.

- Investigation for mechanization model for field crops in River Nile State.

#### **Workshops and Conferences:**

- Lecture presented on land preparation for high terrace soil in Lower Atbera, workshop on agricultural project work for Atbera river, held by community development sector, General Nile Petroleum Operations Company (GNPOC), Ministry of Agriculture, animal resources and irrigation, River Nile State, Edamer, July 2010.
- Lecture presented on wheat mechanization for training agricultural extensionist, Ministry of Agriculture, animal resources and irrigation, River Nile State, Edamer, 25 October 2010.

#### **Published Papers:**

- 1- -Design and performance evaluation of a manual push weeder for weed control between ridges in faba bean in river Nile State, Sudan Journal of Agricultural Research, vol. 12 (2008), p 109-116.
- 2- Evaluation of Flame Emission Apparatus and Comparison with the Recommended Pre-emergence Herbicides to Control Weed in Faba Bean in River Nile State, Sudan. International Conference on Organic Farming (ICOF) Friendship Hall, Khartoum, Sudan, 6 – 7 April 2010. Sudan University of Science and Technology (SUST), College of Agricultural Studies (CAS).
- 3- Evaluation of Flame Emission Apparatus to Control Weeds in Faba Bean in River Nile State. Journal of Science and Technology 12 (02) December 2011, ISSN 1605 – 427X, Sudan University of Science and Technology.
- 4- Agricultural Research, its status, constrains and roles to develop agriculture in Sudan. International Symposium on Africa Agriculture Development. Highland Agriculture Center, Pyeong Chang County, Korea, 11 October 2011.
- 5- Operative parameters evaluation of a designed flame apparatus to control weeds between faba bean ridges in the River Nile State, Sudan. Sudan Journal of Agricultural Research, vol.20 (2012), p 95-102.

**Other activities:**

- Review and update chapter two (mechanization) of the feasibility study for Alnuguh Agricultural Scheme (west of Shendi)
- Participation in extension visits and training programs for agricultural extensions and farmers in collaboration with Ministry of Agriculture, Animal Resources and Irrigation in River Nile State.
- Supervision to graduate student in the training and graduation projects from faculty of agriculture, Wadi Elneil University.
- Member on the Technical Committee of the Economic and Administrative sector, Government General Secretariat, River Nile State.
- Provide the technical materials on land preparation to extension department

to issue leaflet on technical package for wheat, River Nile State.

- Chief of the unit of Tractors and Agricultural Machineries in the Hudeiba  
Research Station

- Chief of the Agriculture Investment Committee of the Station Farms

**Scientific visits:**

-On Job Training course, 19 Sep- 11 Nov.2011, RDA,Suwon, S.Korea, held by KAFACI.

- Workshop on conservation agriculture, held by ACSAD in Lebanon, LARI, 10-20 March 2013.