

CURRICULUM VITAE

Personal data:

Name: TAHANI YOUSIF ELAGIB OMAR
Address: Agricultural Research Corporation (ARC) ,
Biotechnology and Biosafety Research Center (BBRC),
Shambat, Khartoum, P.O.Box 30, Sudan
E-mail: tahani_3@yahoo.com
Nationality: Sudanese

University education

1989-1994 B.Sc. In agricultural sciences, Faculty of Agriculture,
University of Khartoum, major field in crop production,
Sudan
1996-1999 M.Sc. in crop sciences (plant Breeding), Faculty of
Agricultural Sciences, University of Gezira, Sudan
2003-2008 Ph.D. in agricultural sciences (Population Genetics),
Faculty of Agricultural Sciences, University of
Hohenheim, Germany

Professional experience

1994-1996 Assistant research scientist, sorghum breeding program,
Agricultural Research Corporation (ARC), Gezira
Research Station (GRS), Sudan
1999-2010 Research scientist (sorghum breeder), Agricultural
Research Corporation (ARC), (GRS), Sudan
2010-Present Plant breeder, Agricultural Research Corporation (ARC),
Biotechnology and Biosafety Research Center (BBRC),
Center, Deputy Director (DD), Khartoum, Shambat, P.O.
Box 30, Sudan

Symposium, Conferences and Seminars attended / participation

- Dec. 1995 ICRISAT/UNDP joint training course on research planning, data handling, report writing, 4th-20th December, Agricultural Research Corporation , Wad Medani, Sudan
- Oct. 2001 AFRA/IAEA joint training course on nuclear techniques in food and agriculture, 15th-26th October, Pretoria, South Africa
- Sep. 2003 11th Molecular Marker Symposium of the Plant Breeding Society 16th-17th September organized by Institute of Plant Genetics and Crop Plant Research (IPK) in Gatersleben, Germany
- Oct. 2003 Deutsche Tropentag of Technological and Institutional Innovations for Sustainable Rural Development, University of Göttingen, Germany
- Oct. 2003 Conference on Network Formation for Universities in Africa organized by DAAD and University of Leipzig, Institute for African Studies, 16th -18th October, Leipzig, Germany
- Oct.2004 ARC/IAEA joint training course, on DNA molecular markers, 9th -13th October Sudan, Wad Medani
- Oct. 2004 Poster presentation (**Heterotic grouping of Sudanese sorghum landraces**) in Deutsche Tropentag, 5th-7th October, Berlin, Germany
- Sep. 2005 Poster presentation (**Heterotic grouping of Sudanese sorghum landraces for developing drought-adapted hybrid varieties**) in inter-drought conference, September, Rome, Italy
- Oct. 2006 Poster presentation in Deutsche Tropentag of Prosperity and Poverty in a globalized world, October, Bonn, Germany

- Oct. 2007 Deutsche Tropentag of utilization of diversity in land use systems: Sustainable and organic approaches to meet human needs, 9th-11th October, Witzenhausen, Germany
- Sep. 2008 ASARECA regional workshop to develop a project proposal on integration of cereal production technologies for increased food, feed for livestock and value addition in the drought prone areas for the staple crops program, 16th -19th September, Entebbe, Uganda
- Nov. 2008 North Eastern Africa Regional Humboldt-Kolleg, New trend in science and technology to enhance sustainable development in Africa, 23rd – 26th November, Khartoum, Sudan
- Apr. 2009 Arab Atomic energy Agency workshop to develop high yielding and good quality agricultural cultivars by using nuclear and biotechnology techniques, 19th - 23rd April, Damascus, Syria
- Sep. 2009 Oral presentation (**Molecular diversity of Sudanese sorghum landraces for heterotic grouping and hybrid breeding**) in the international conference on applied biotechnology (ICAB-2009). Towards high yield applied technology", 28th -30th September, Burj Alfatih Hotel, Khartoum, Sudan
- Oct. 2009 ASARECA inception meeting for the project on integrated technologies for drought mitigation and increasing smallholder sorghum productivity, 13th -15th October, Entebbe, Uganda
- Apr. 2010 Act as instructor in ARC/IAEA Joint Training Course on Mutation Breeding and Molecular Markers, 5th – 9th April, Khartoum, Shambat, Sudan
- May 2010 Advanced Biometrical Techniques training course, ICARDA, , 23rd – 27th May, Aleppo, Syria
- Aug. 2010 Risk assessment and risk management training on GMOs for Eastern and Southern African countries, RAEIN-

- AFRICA, 9th -14th August, Johannesburg, South Africa
- Aug. 2010 ASARECA Drought Mitigation Project review workshop, DSSAT Model training and development of Project Monitoring Plan (PMP), 23rd – 28th August, Nairobi, Kenya
- Oct. 2010 ASARECA Monitoring and Evaluation Workshop 11th - 14th October, Entebbe, Uganda
- Aug. 2011 Regional Forum on Transforming African Agriculture to support Smallholder Farmers in Sub Saharan Africa through Partnerships and Strategic Alliances Workshop, 29th – 30th August, Kigali, Rwanda
- Sep. 2011 Biosafety and Biosecurity International Conference (BBIC), 13th-15th September 2011, El Hassan City, Amman, Jordan
- Sep. 2011 Write shop for the project integrated technologies for drought mitigation & increasing smallholder sorghum productivity, 19th-23rd September 2011, Entebbe, Uganda
- Nov. 2011 First Pan-African Conference on Stewardship of Agricultural Biotechnology, 28th -30rd November 2011, Accra, Ghana
- Dec. 2011 End of project meetings entitled integrated technologies for drought mitigation and increasing smallholder sorghum productivity and Development & Dissemination of normal nutritionally enhanced highland maize varieties, 18th-22nd December 2011, Addis Ababa, Ethiopia
- Feb. 2012 ARC/ALRC, Joint Training Course on Gene Cloning & Plant Transformation, 21st-23rd February 2012, Khartoum, Shambat, Sudan
- May 2012 Regional workshop to validate feedback from national consultations on the draft COMESA policy on

commercial planting, trade and emergency food aid involving GMOs, 8th-9th May 2012, Lusaka, Zambia

Sep. 2013 COMESA Fifth Joint Technical Committee on Agriculture, Environment and Natural Resources Meetings, 16th-20th September 2013, Addis Ababa, Ethiopia

Oct. 2013 Hubei Academy of Agricultural Sciences (HAAS) meeting for promoting the bilateral cooperation in agricultural science and technology with Agricultural Research Corporation (ARC), 17th-23th October 2013, Wuhan, China

Professional Achievement:

Tagung der AG Genetische Ressourcen. Gesellschaft für Pflanzenzüchtung e.V. On-farm-Management, von Pflanzengenetischen Ressourcen im Rahmen der Pflanzenzüchtung. **Molecular diversity among Sudanese sorghum landraces, T.Y. Elagib, H.K. Parzies and H.H. Geiger**, 20th-21st October in Göttingen 2004. Heft 62, P. 74-77

Conference paper (**Heterotic grouping of Sudanese sorghum landraces**), **T.Y. Elagib, H.K. Parzies and H.H. Geiger**, 7th scientific conference of biotechnology and future prospects. Biotechnology for sustainable development, 13th-15th December 2005, Khartoum, Sudan

Released of sorghum variety AG-8 for rain-fed areas of the Sudan

Technical Reports Submitted to the National Variety Release Committee

Abdalla H. Mohammed, Yassir G. Ahmed A. A. Assar, **Tahani Y. Elagib**, Mohammed Al Gada, Osama (2009). A paper submitted to Variety Release Technical Committee, Ministry of Agriculture, Khartoum, Sudan

Reference Paper on:

An overview of breeding for drought tolerant sorghum genotypes in Sudan
Ibrahim N. Elzein and **Tahni Y. Elagib** (2010)

Research paper on:

Aspects Related to the Implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture in Sudan.

Incentives, disincentives, opportunities and obstacles for the implementation of the international treaty on plant genetic resources for food and agriculture and its multilateral system of access and benefit-sharing in particular (MLS) in Sudan

Hurria Ismail Abdel Mohsin, El Tahir Ibrahim Mohamed, Adil Al Zain Ahmed, Fath Al Rahman Ahmed Mohmmed, Seif Eldin Mudawi Gasim, **Tahani Y. Elagib**, Afaf Abdel Rahim Algzoli (June 2010). Ministry of Agriculture, Khartoum, Sudan

Act as Sudan National Principal Investigator (**PI**) for **ASARECA Regional Project on Integrated Technologies for Drought Mitigation and Increasing Smallholder Sorghum Productivity** (2009-2011)

A proposal for the Release of a Hybrid and a Variety of Bt-Cotton (G. hirsutum) for Production in Sudan,

Technical Reports Submitted to the National Variety Release Committee
Abdelbagi M. Ali, Lei Zhang , Hengyong Xu, Nasrein M. Kamal, Osama M. Elhassan, Ahmed M. Mustafa, Yasir S. A. Mohammed , Elnayer H. Suliman, Ahmed H. Assar, Salah Elturabi, Abdelrahman H. Abdelatif, Aisha Elsheikh1, **Tahani Y. Elagib**, Lotfie A. Yousif, Mohamed A. Adlan, Mohammed Hadad, Qingliang Yin, Yuqiu Guo (March 2012)

A paper submitted to Variety Release Technical Committee, Ministry of Agriculture, Khartoum, Sudan

FAO/IAEA national coordinator for national project SU5033 “Enhancing productivity of major food crops (sorghum, wheat, groundnut and tomato) under stress environment using nuclear techniques and related biotechnologies to ensure sustainable food security and well-being of farmers”

AFRA/IAEA project coordinator for RAF5066 “Improving crops using mutation induction and biotechnology through a farmer participation approach”