

C.V



Name: Prof.Dr.. Hatem Ibrahim Ali Ibrahim

Current rank: Professor (Head of Research)

Date of Birth: 2/1/1969- Sohag Governorate - c. M. P

National Number: 26901022602573

Marital Status: Married and have 3 daughters

Passport Number: A13760950 - Sohag

Place of Work: - - Institute of Field Crops – A.R.C., EGYPT.

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Qualifications: -

1 - Bachelor's degree in Agricultural Sciences (Department of crops - plant breeding -) a very good grade in June 1992 the role of M College of Agriculture - Assuit University.

2 - Master's degree in Agricultural Sciences -(Comparative studies on some selection procedures in grain sorghum (sorghum bicolor(L.)Moench)- Department of Crops (Plant Breeding - Genetics populations) - College of Agriculture - Assuit University, 1998.

3 - Ph.D. in Agricultural Sciences (Selection for drought tolerance in two segregating populations of grain sorghum (sorghum bicolor (L.)Moench), Department of Crops (Plant Breeding - Genetics populations) - College of Agriculture - Assuit University, 2002.



Career: -

- 1 - Assistant Research (Instructor) - Field Crops Research Institute - Center for Agricultural Research as of 23/11/1994 AD.**
- 2 - Research Assistant (Assistant Lecturer) - Field Crops Research Institute - Center for Agricultural Research as of 23/11/1998 AD.**
- 3 - Dr. researcher (Lecturer)- Field Crops Research Institute - Agricultural Research Centre as of 31/8/2002 AD.**
- 4 – Senior researcher (Assistant Professor) - Field Crops Research Institute - Agricultural Research Centre, with effect from 12/9/2007 to 6/5/2014.**
- 5- Head of Research (Professor) - Field Crops Research Institute - Agricultural Research Centre, with effect from 6/5/2014 up till now.**

Teaching Experience: -

- Work as a member of the faculty at the University of Libya, Omar Mukhtar - Faculty of Arts and Sciences - Department of Botany of the academic year 2008 to 2011.**

- Courses: -

- 1 - Genetics General 4 hours the second year, plant departement.**
- 2 - The basics of genetics and its applications 4 hours at department of Zoology**
- 3 - Cell Biology 4 hours the second year, and the fourth plant department .**
- 4 - decision of the plant in the first 4 hours the band Department of Botany**
- 5 - Rapporteur of the plant in the first 4 hours the band Department of Environmental Science.**



6 - Rapporteur of the plant in the first 3 hours the band Zoology Department.

7 - Decision science of comparative morphology (vascular plants and seed plants), the fourth year, the Department of Botany.

Practical experience and applied research and extension and training:

1- Get three tests of institutional testing program from Middle East Language Institute.

2 - Participating in the training program for sorghum improvement and production methods under the supervision of the International Institute for crops in the semi-arid areas from 18 m to 30/9/1995.

3 - to participate in the National Campaign for sorghum from 1995 - 1998 AD.

4 - Participating in the training program in the production and breeding of sorghum and maize institute in the period from 30/8/1997 to 11/9/1997 m m.

5 - participate in the design, implementation and analysis of field trials and Research Laboratory, Department of sorghum - the Institute of Field Crops Research.

6 - to participate in the program of the department of education and the development of varieties and production of new hybrids in the department.

7- to participate in many seminars, courses and guiding the institute that serves the development of agricultural production

8 - Lecturer in the training program for field crops in the summer period from 31/5/2003 to 15/6/2003 AD lectures under the title of election methods used in the breeding of sorghum

9 - Participating in research teams training guidelines in Assiut governorate coordinator in the province of the sorghum crop.



10 - Participating in the national campaign of corn in the province of Aswan (Member of the Scientific Group) since May 2003 until now.

11 - Participating in several seminars and training guidelines for the sorghum crop in the governorates (Assiut - Sohag - Qena - New Valley - Aswan).

12 - participate in the training program at the Institute of Research Extension and Rural Development under the title "the elements of effective training " Bashndwyl agricultural research station in the period from 02/19/2006 to 02/23/2006.

13 - Participating in the national campaign to collect germplasm in Upper Egypt in the period from 04.01.2006 to date (Gene bank).]

14 - attend the symposium, held in the Genetic Engineering Research Institute under the title (Tritici Breeding the isolation of drought tolerance genes and its application to drought tolerant crops), on 13/12/2007 AD.

15 - Participation in the training program at the Institute of Field Crops Research - Agricultural Research Center under the title (modern trends in crop improvement (Gene Regulation Manipulation, Gene Expression, Use of genetic Markers in plant breeding, Methods of Tissue Culture, Use of Male Sterility in Crop Improvement)) in the period from 17-21 / 8 / 2008 AD.

16- Scientific supervisor of the province of Luxor in the national campaign of maize and grain sorghum at summer season 2011; 2013.

17-. attending workshop at the Institute of Field Crops under the title ((future prospects of summer crops) in the period from 3-5 / - 4/2012 - Field Crops Research Institute - Agricultural Research Center.

18-Scientific Adviser to the province of Assiut in the project ((building flexible food security systems in Upper Egypt ((climate change)) since 2014 until now.



Scientific conferences: -

- 1 - Search warrant participation in the conference the Egyptian-Syrian first Minia University Faculty of Agriculture, under the title (agriculture and food in the Arab world constraints and future prospects in the period from AD 8-11/12/2003.**
- 2 - to attend the first conference of field crops under the title "The Role of Field Crops Research Institute in achieving sustainable agricultural development" and to participate with 2 research in the period from 22-24/8/2006 AD - Giza - Field Crops Research Institute - Agricultural Research Center.**
- 3 - attend a workshop of the institute (research plan review of the achievements of fifth from 2002 to 2007 m and discuss the Sixth Five-Year Plan from 2007 to 2012 m of the Institute of Field Crops Research) in the period from 20-22/2/2007 AD - Giza - Field Crops Research Institute - Agricultural Research Center.**
- 4 - attend the Association of Plant Breeding V (Cairo University - Faculty of Agriculture) May 27, 2007 AD.**
- 5 - to attend the symposium, held in the Genetic Engineering Research Institute under the title (Tritici Breeding the isolation of drought tolerance genes and its application to drought tolerant crops), on 13/12/2007 AD.**
- 6. attending the workshop Institute (Future woken summer crops of the Institute of Field Crops Research) in the period from 3-5 / 4/2012 m -GIZA - Field Crops Research Institute - Agricultural Research Center.**
- 7-. attend the fourth conference of the field crops under the title "The role of Field Crops Research Institute in achieving sustainable agricultural development" and involved a number 2 search in the period from 28-30 / 8/2012 m – Giza- Field Crops Research Institute - Agricultural Research Center.**



8. attending Fifth Conference of the field crops under the title ((Towards Food security)) in the period from 18-20 / 11/2014-Giza - Field Crops Research Institute - Agricultural Research Center.

9- Participation in the Global Forum on Agricultural innovations in the United Arab Emirates in Abu Dhabi from February 16 to 18 for the year 2016.

10- Attend and contribute to the activities of the First International Conference of Applied Microbiology ((biotechnology and its applications in the development of sustainable agriculture)) in the period from March 1 to 3, 2016 at the Institute for Research of land and water - ARC - Giza - Egypt

Scientific Supervision: -

1 - Supervision of master's thesis for the student / Abdul Hamid Obeid Dardir specialist section Almtaana Research Station (College of Agriculture - Assiut University - Department of Crop) under the title (the coalition the ability to estimate the yield of sorghum).

2- upervision of doctoral thesis / Marwa Abdel-Hamid Abdalmugod - Sorghum Research Assistant, Department of teacher - Field Crops Research Institute at the University of Assiut - Faculty of Agriculture - Crops section titled ((The efficiency of some selection methods in improving the yield and some of its components of grain sorghum for two populations under the conditions of Upper Egypt.

Legal barriers: -

- Disciplinary councils: None

- Holidays and secondments: None

Participate in the bodies and scientific societies: -

- Member of the Egyptian Society of Applied Sciences

Awards: -

- To apply for countries Incentive Award in Applied Sciences in 2007 .



List of Scientific Publications: -

- 1- Mahdy, E.E., E.E. EL-Orong, O.O. EL-Nagouly and H.I. Ali. 1999. Response to pedigree selection for grain yield in grain sorghum (*Sorghum bicolor* (L.) Moench) in two environments. *Assiut J. of Agric. Sci.*, 30 (2): 13-26.
- 2 - Mahdy, E.E., E.E. EL-Orong, O.O. EL-Nagouly and H.I. Ali. 1999. Comparative study of independent culling levels to visual selection in improving grain sorghum (*Sorghum bicolor* (L.) Moench). *Assiut J. of Agric. Sci.*, 30 (4): 103-122.
- 3 - Mahdy, E.E., E.E. EL-Orong, O.O. EL-Nagouly, and H.I. Ali. 1999. Effectiveness of pedigree selection in two environments for kernel weight plant height and earliness on improving grain sorghum (*Sorghum bicolor* (L.) Moench). *Assiut J. of Agric. Sci.*, 30 (4): 29-52.
- 4 - Ali, H.I., M.A. Ali and K. M. Mahmoud. 2006. Pedigree selection for yield in grain sorghum population (TP24D), *Sorghum bicolor* (L.) Moench. *Assiut J. of Agric. Sci.*, 37, No 2. 53-67.
- 5 - Ali, H.I. 2006. Phenotypic stability of some grain sorghum genotypes (*Sorghum bicolor* (L.) Moench) under different environments. *The First Field Crops Conference. Giza, Egypt. Breed.*, 14, 181-191.
- 6 - Ali, H.I., M.R.A. Hovny and K.M. Mahmoud. 2006. Correlation and path coefficient analysis of yield and yield components in grain sorghum. *The First Field Crops Conference. Giza, Egypt. Breed.*, 13, 170-180.
- 7 - Ali, H.I., K.M. Mahmoud and A.A. Amir. 2007. Comparison of Two Selection Methods For Yield in Two Grain Sorghum Populations (*Sorghum bicolor* (L.) Moench). *Egypt J. of Appl. Sci.*, 22 (4B): 421-433.
- 8 - Mahmoud, K.M., M.R.A. Hovny; H. I. Ali and A. A. Amir. 2007. Mean Performance and Stability of Some grain Sorghum (*Sorghum bicolor* (L.) Moench Under Diverse nvironments. *Egypt J. of Appl. Sci.*, 22 (4B): 407-420.
- 9 - Hovny, M.R.A., K.M. Mahmoud, M.A. Ali and H. I. Ali. 2005. The Effect of nvironments on Performance, Heresies and Combining Ability in Grain sorghum (*Sorghum bicolor* (L.) Moench). *The 11th Conference of Agronomy, Agron. Dept., Fac. Agric., Assiut Univ., Nov. 15-16.2005.*
- 10 - Hovny, M.R.A., K.M. Mahmoud and H. I. Ali. 2006. Using Egyptian estorers Lines in Grain Sorghum Hybrids Productions. *J. Agric. Sci. Mansoura Univ.*, 31 (1): 29-4.



- 11-Ali, H.I. (2012). Comparison of independent culling levels to visual selection method in improving grain sorghum populations . Egypt. J. Plant Breed.16(4):89-106
- 12- Ali, H. I., K.M.Mahmoud and A. A. Amir(2012). Determining selection indices for improving yield of grain sorghum population using path analysis. The Forth Field Crops Conference. Giza, Egypt. Breed.,90,(4):91-103.
- 13-- Mahmoud, K.M., H. I. Ali and A. A. Tag (2012). performance and stability evaluation of some grain sorghum genotypes. The Fourth Field Crops Conference. Giza, Egypt. Breed.,90,(4):131-146.
- 14- Ali, H. I., K.M.Mahmoud and A. A. Amir(2012). Estimation of genetic variability, heritability and genetic advance in grain sorghum population. American- Eurasian J. Agric. & Environ.Sci. 12(4):414- 422.
- 15- El- Dardeer, A.E., M.A.El- Morshedy, A.M. Mahmoud and H. I. Ali (2011).Heterosis and Combining Abilityin Grain Sorghum (sorghum bicolor (L.) Moench) Under Normal and Water Stress Conditions. Assiut J. of Agric. Sci., 42 (Special Issue)(The 5th Conference of Young Scientists Fac. of Agric. Assiut Univ. May,8: 17-38.
- 16- Mahmoud, K.M., H. I. Ali and A. A. Amir (2013). Effect of water stress on grain yield and yield stability of twenty grain sorghum genotypes. Egypt. J. Plant Breed.,q7(4):1-18.
- 17- Mahmoud, K.M., H. I. Ali and A. A. Amir (2013). Line X Tester Analysis and Heterosis in Grain Sorghum hybrids under water Stress Conditions. Assiut J. Agric. Sci., (44) No. (2) : 13-38 .
- 18-Ali, H. I., K.M.Mahmoud and A. A. Amir(2013). Evaluation of exotic Grain Sorghum Genotypes for yield traits Under Upper Egypt Conditions. Egypt. J. Plant Breed.17(1):125-1136.
- 19- Bashir M.I., A.M. El-Kady, M.F. Saba, E.O. Eweis, M.R.A. Hoveny, Soheir J. Latif. M. El-Menshaw, A.E.A. Mourad, A.A. Amir, K.M. Mahmoud, H.I. Aly, Engi S. Abo-Zahra, A.H. Aly and A. Zein Elabedeen. (2008). Hybrid 303 and hybrid 305 Grain sorghum recently released for upper Egypt. 2nd filed crops conference, FCRI, ARC. 14-16 Oct. 2008 Giza, Egypt.
- 20- Eweis, E.O.;, A.M. El-Kady, M.I. Bashir; M.F. Saba, Mervat. El-Menshaw, M.R.A. Hoveny, Soheir J. Latif., A.E.A. Mourad, K.M. Mahmoud, H.I. Aly, A.A. Amir, A.H. Aly, Engi S. Abo-Zahra, and A. Zein Elabedeen. (2008). Hybrid 304 and hybrid 306 Grain sorghum recently released for upper Egypt. 2nd filed crops conference, FCRI, ARC. 14-16 Oct. 2008 Giza, Egypt.
- 21- Saba, M.F.; A.M. El-Kady, E.O. Eweis, M.I. Bashir, Mervat. El-Menshaw, Soheir J. Latif. M.R.A. Hoveny, A.E.A. Mourad, H.I. Aly, A.A. Amir, K.M. Mahmoud, A.H. Aly,



Engi S. Abo-Zahra, and A. Zein Elabedeen. (2008). Hybrid 301 and hybrid 302 Grain sorghum recently released for upper Egypt. 2nd filed crops conference, FCRI, ARC. 14-16 Oct. 2008 Giza, Egypt.

22-Tag,A.A.,E.M.Hussein and Hatem, I .Ali (2015) . Genotype by Environmental interaction in grain sorghum genotypes under upper Egypt conditions. J. Agric. Chem. And Biotech., Mansoura Univ. Vol.6(4): 77 – 89,2015

Three references:-

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