



Curriculum vitae



Dr. Khalid Mohommed Dawod Al-Zubaidy
Department of Field crop , College of Agriculture and Forestry,
University of Mosul, Mosul, Ninawa, Iraq

Khalid.dawod@uomosul.edu.iq

Scopus ID:

ORCID ID:

Research ID:

Publons ID:

Education

Certificate	Specialization	Graduation year	University
B. Sc.	Field Crops	1975	Mosul University / College of Agriculture and Forestry / Iraq
M.Sc.	Field Crop	1980	Mosul University / College of Agriculture and Forestry / Iraq
Ph.D.	Crop Breeding	1986	Mosul University / College of Agriculture and Forestry / Iraq

Areas of Interest

- 1- Field crops
- 2- Genetics and crop breeding
- 3- Statistics, design and analysis of field and genetic experiments

Professional Qualification/ Membership/ Affiliation

- 1- Chairman and member of the committees for discussing master's theses, Oh. D. theses and a comprehensive examination for doctoral students in the Faculties of Agriculture & Forestry, Science and Education at the University of Mosul and the Faculties of Agriculture in the Universities of Baghdad, Tikrit and Dohuk.
- 2- Director of the Agricultural Advisory Office at the College of Agriculture and Forestry, University of Mosul for the period from 1/1/1992 Until December 31, 1996.

- 3- Member of the committee supervising the work of the agricultural advisory office in the College of Agriculture and Forestry at the University of Mosul for the period 1/1/1997 until 11/21/1998.
- 4- Head of a technical advisory team from the University of Mosul, participating in the project of reconstructing the sugar factory in Mosul in 1995 and presenting a study on agricultural works and production lines.
- 5- A member of the committee to study the conditions and requirements of ratifying cotton seeds according to the order of the National Seed Committee / Ministry of Agriculture No. 13 dated 10/8/1996.
- 6- Head of a technical team to follow up the activities of the National Program for the Development of Grain Cultivation in the dry land area in Nineveh Governorate, according to the order issued by the Ministry of Agriculture No. 90 dated 10/11/1997.
- 7- Member of the editorial board of the Nineveh Agricultural Journal (a quarterly magazine issued by the Nineveh Governorate and concerned with agricultural matters) for the period from 7/2/2000 to 26/5/2003.
- 8- Head of the Committee for Determining the Dates of Adding Compound Fertilizer and Urea to Strategic Crops and Food Legumes, according to Nineveh Governorate Order No. 390 on 13/9/1997.
- 9- Head of the committee supervising the work of the agricultural advisory office at the College of Agriculture and Forestry at the University of Mosul for the period from 1/10/2001 to 26/5/2003.
- 10- Chairman of the Editorial Board of the Iraqi Journal of Agricultural Sciences (a quarterly scientific journal issued by the College of Agriculture and Forestry at the University of Mosul and concerned with publishing agricultural research) for the period from 10/1/1002 to 05/26/2003.
- 11- Member of the Follow-up Committee for the Agricultural Campaign in Nineveh Governorate for the period from 7/4/1999 to 20/12/2002.
- 12- Member of the Curriculum Development Committees in the Faculties of Agriculture in Iraqi universities for several years.
- 13- Chairman of the Postgraduate Studies Committee in the Field Crops Department for the period from 1/10/2004 to 2007.
- 14- Member of the Scientific Promotions Committee at the College of Agriculture and Forestry for the period from 2009 for three years.
- 15- Head of the Postgraduate Studies Committee in the Field Crops Department for the period from 1/10/2011 for several years
- 16- Member of the committee formed to study the issue of creating a college of forestry at the University of Mosul.
- 17- Chairman of the committee formed to interview applicants for postgraduate studies within the channel of creators and distinguished in 2007.
- 18- Member of the advisory board of the Tikrit University Journal of Agricultural Sciences issued by the College of Agriculture, Tikrit University for the period from 2006 until now
- 19- Member of the advisory board of Kirkuk University Journal of Agricultural Sciences, issued by the College of Agriculture, Kirkuk University for the period from 2010 until now.
- 20- Consultant of the Cotton Development Program in Iraq, the General Company for Industrial Crops of the Ministry of Agriculture for the period from 2004 to 2009.

- 21- Chairman of the Scientific Promotions Committee in the College of Agriculture and Forestry according to the administrative order 5/5/10211 on 4/12/2012, started on 4/18/2012, until 2014
- 22- A member of a research team to register and approve two varieties of wheat (Sham 4 and Sham 6) in Iraq in 2000 (according to the decision of the National Committee for Registration and Approval of Agricultural Varieties in the Ministry of Agriculture by Order No. 33 dated August 23, 2000).
- 23- Head of a research team to register and approve the cotton variety (Lachata) in Iraq in 2001 (according to the decision of the National Committee for the Registration and Approval of Agricultural Varieties in the Ministry of Agriculture by Order No. 47 dated April 13, 2001).
- 24- Supervising postgraduate students in the Department of Field Crops, (9) Master's and (9) Ph.D

Appointment

- 1- Appointment as assistant agricultural engineer on 7/13/1977
- 2- A faculty member since 1980.
- 3- Obtained the title of assistant lecturer on April 6, 1980
- 4- Received the title of lecturer on August 10, 1986
- 5- Obtained the title of assistant professor on August 29, 1989
- 6- Holds the title of Professor, October 24, 2001
- 7- Holds the title of an experienced professor since 2018
- 8- Director of Student Training, Presidency of Mosul University from 1980 to 1983
- 9- Director of Student Housing and Acting General Registrar of Mosul University during the period from 1980 to 1983
- 10- Deputy Head of the Field Crops Department, College of Agriculture and Forestry from 10/8/1986 to 5/2/1988
- 11- Head of the Field Crops Department, College of Agriculture and Forestry from 6/2/1988 to 1/12/1996
- 12- Director of the Agricultural Research Center, Presidency of the University of Mosul, 12/1/1996 to 11/21/1998
- 13- Executive Director of the Cotton Development Program in Iraq, Ministry of Agriculture from 11/22/1998 to 11/15/2002
- 14- General Director of the General Company for Industrial Crops Agency, Ministry of Agriculture 20/8/2001 to 9/26/2001
- 15- Dean of the College of Agriculture and Forestry, University of Mosul, 10/1/2001 to 5/26/2003

Publications

First: Researchs

- 1- Dawod, Khalid Mohammed, Khasha Mahmoud Mohamed and Sami Radwan Hassan (1983). Study of staple characteristics of different grades of cotton in northern Iraq. The Iraqi Journal of Agricultural Sciences (Zanco), 1(2).
- 2- Muhammad, Abdel-Sattar Ahmed, Fakhr El-Din Abdel-Qader and Khalid Mohammed Dawod (1988). Combinng ability analysis and heterosis using diallel cross between seven local varieties of maize. Rafidain Agriculture Journal, 20(2).
- 3- Dawod, Khalid Mohammed and Khasha Mahmoud Mohamed (1988). Estimation of hybrid vigor, correlation and path analysis of yield and its components in seven cotton cultivars and their single hybrids. Rafidain Agriculture Journal, 20(2).
- 4- Dawod, Khalid Mohammed and Mohamed Youssef Hamid (1989). Estimation of heterosis, correlation and path analysis of yield and its components in seven cotton cultivars and their single hybrids. Rafidain Agriculture Journal, 21(2).

- 5- Dawod, Khalid Mohammed, Khasha Mahmoud Muhammad, and Muwaffaq Jabr Al-Leila (1989). Analysis of the interaction between genotype and environment using diallel cross in cotton. *Mesopotamia Journal*, 21(3).
- 6- Dawod, Khalid Mohammed and Khasha Mahmoud Mohamed (1989). Estimation of variance components for some traits in cotton using single and diallel crosses between seven cultivars. *Mesopotamia Journal*, 21(3).
- 7- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (1989). Estimation of heritability and path analysis of some traits in maize. *Mesopotamia Journal*, 21(4).
- 8- Hamoudi, Arshad Thanoun, Khalid Mohammed Dawod and Khasha Mahmoud Mohamed (1990). Effect of gamma rays and nitrogen fertilization on cotton traits. *Al-Rafidain Agriculture Journal*, 22(3).
- 9- Abdelyas, Zaki, Khalid Mohammed Dawod and Ahmed Abdel-Gawad Ahmed (1991). Inducing genetic variation in cotton using gamma rays. *Al-Rafidain Agriculture Journal*, 23(3).
- 10- Dawod, Khalid Mohammed and Muwaffaq Jabr Al-Leila and Natiq Qased Muhammad and Khasha Mahmoud Muhammad (1991). The effect of low doses of gamma rays on some properties of cotton and its comparison with the phenomenon of heterosis. *Al-Rafidain Agriculture Journal*, 23(4).
- 11- Dawod, Khalid Mohammed, Muwaffaq Jabr Al-Leila and Khasha Mahmoud Muhammad (1992). A study of the inheritance of some traits of upland cotton using generation mean analysis. *Al-Rafidain Agriculture Journal*, 24(1).
- 12- Dawod, Khalid Mohammed (1992). Estimation of heritability, correlation and pathway analysis of yield components in cotton using different genotypes. *Al-Rafidain Agriculture Journal*, 24(1).
- 13- Ahmed, Ahmed Abdel-Gawad, Khalid Mohammed Dawod, and Dhiyab Ahmed Qassem (1993). The interaction between genotype and environment in barley. *Rafidain Agriculture Journal*, 25(2).
- 14- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (1993). Analysis of partial diallel cross in maize. *Rafidain Agriculture Journal*, 25(3).
- 15- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (1994). Estimates of heterosis and combining ability in inbreds of varieties of maize by the method of line x tester analysis. *Mesopotamia Journal*, 26(1).
- 16- Dawod, Khalid Mohammed (1994). Improving maize yield by using the selection index technique. *Rafidain Agriculture Journal*, 26(2).
- 17- Dawod, Khalid Mohammed and Hazem Mahmoud Hamid (1996). Line x tester analysis for combining ability and gene action in cotton. *Mesopotamia Journal*, 28(2).
- 18- Hamid, Hazem Mahmoud and Khalid Mohammed Dawod (1996). Combining ability and gene action in cotton breeding. *Al-Rafidain Agriculture Journal*, 28(4).
- 19- Dawod, Khalid Mohammed (1997). Genetic variance and correlation of ginning outturn and its components in some upland cotton genotypes. *Mesopotamia Journal*, 29(2).
- 20- Ibrahim, Qahtan Saeed, Ali Hussein Ali and Khalid Mohammed Dawod (1997). Variation and correlation of yield and its components in nine lines of winter chickpea. *Mesopotamia Journal*, 29(2).
- 21- Ibrahim, Qahtan Saeed, Ali Hussein Ali and Khalid Mohammed Dawod (1997). Correlation and path factor analysis in lentils. *Rafidain Agriculture Journal*, 29(3).

- 22- Dawod, Khalid Mohammed and Ahmed Abdel-Gawad Ahmed (1998). Study of the qualitative characteristics of the cotton variety Ashore. *Iraqi Agriculture Journal*, 3(1).
- 23- Ibrahim, Qahtan Saeed, Ali Hussein Ali and Khalid Mohammed Dawod (1999). Evaluation of eight lines of faba bean under rainy conditions in northern Iraq. *Mesopotamia Journal*, 31(3).
- 24- Dawod, Khalid Mohammed (1999). Combining ability Analysis of oil content by using single and diallel crosses between seven cotton cultivars. *Iraqi Agriculture Journal*, 4(7).
- 25- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (2000). Combining ability analysis for some quantitative traits in maize. *Mesopotamia Journal of Agriculture*, 32(1).
- 26- Ali, Hussein Ali, Khalid Mohammed Dawod and Qahtan Saeed Ibrahim (2000). A study of genetic-environmental interaction, genetic stability and the outcome of the genotype in maize. *Mesopotamia Journal of Agriculture*, 32(1).
- 27- Dawod, Khalid Mohammed and Essam Mohamed Khair (2000). Estimation of gene action and heritability for some traits in cotton. *The Iraqi Journal of Agricultural Sciences* 1(1).
- 28- Hamid, Muhammad Yusef and Khalid Mohammed Dawod (2000). Stability of productive and field traits in cultivars of bread wheat under rainy conditions. *Iraqi Agriculture Journal (special issue)*, 5(2).
- 29- Dawod, Khalid Mohammed (2001). Estimation of heterosis, gene action and heritability using diallel cross in maize. *Tikrit University Journal of Agricultural Sciences* 1(2).
- 30- Ali, Hussein Ali, Muhammad Mahmoud Younis and Khalid Mohammed Dawod (2001). Effect of seed storage, methods and periods on germination rate of Pine Protea seeds. *Tikrit University Journal of Agricultural Sciences* 1(2).
- 31- Ibrahim, Qahtan Saeed, Ali Hussein Ali and Khalid Mohammed Dawod (2001). Variation and performance of yield and its components in a group of lentil lines. *Tikrit University Journal of Agricultural Sciences* 1(3).
- 32- Dawod, Khalid Mohammed and Essam Mohamed Khair (2001). Analysis of combining ability and gene action of ginning and staple characteristics of cotton. *Iraqi Agriculture Journal*, 6(1).
- 33- Aziz, Jassim Muhammad, Yakar Muhammad Abdullah, Khalid Mohammed Dawod and Ali Hussain Ali (2001). Comparison of the performance of a number of bread wheat varieties planted in the Kirkuk irrigation project. *Iraqi Agriculture Journal*, 6(1).
- 34- Dawod, Khalid Mohammed and Essam Mohamed Khair (2001). Inheritance of ginning outturn and staple properties in cotton. *Iraqi Agriculture Journal*, 6(2).
- 35- Jarjis, Salem Jamil, Khalid Mohammed Dawod, Ezzedine Mohamed Sheet and Hazem Aziz Saleh (2001). Estimation of the durum yield of wheat and barley under rainy conditions in Nineveh Governorate for the 2000/2001 season. *Iraqi Agriculture Journal*, 6(2).
- 36- Dawod, Khalid Mohammed, Jassim Muhammad Aziz and Mardan Hamid Mardan (2001). Study of genetic behavior of some yield traits in cotton. *Tikrit Journal of Agricultural Sciences* 1(7).
- 37- Ali, Ali Hussein, Khalid Mohammed Dawod, Qahtan Saeed Ibrahim, and Muhammad Mahmoud Younis (2001). Effect of fuzz removal on the percentage and speed of seed germination of six cotton cultivars using different growing media. *Tikrit Journal of Agricultural Sciences* 1(7).

- 38- Dawod, Khalid Mohammed, Jassim Muhammad Aziz and Ali Hussein Ali (2002). (Lachata) a new early cotton variety in Iraq. Iraqi Agriculture Journal (special issue), 7(4).
- 39- Dawod, Khalid Mohammed, Ahmed Mohamed Sultan and Adnan Khader Nasser (2002). Response of some cotton cultivars to the growth regulator pix. Iraqi Agriculture Journal (special issue), 7(4).
- 40- Dawod, Khalid Mohammed and Essam Mohamed Khair (2002). Analysis of combining ability and the gene action of the characteristics of the yield and its components in cotton. Iraqi Agriculture Journal, 7(7).
- 41- Ali, Ali Hussein, Muhammad Mahmoud Younis and Khalid Mohammed Dawod Adel Hormuz Yohanna (2002). Studying the effect of collection dates of horizontal cypress cones, methods and periods of storage on seed viability. Tikrit Journal of Agricultural Sciences 2(3).
- 42- Muhammad, Mahfouz Abdel-Qader, Khalid Mohammed Dawod and Ahmed Abdel-Gawad Ahmed (2003). Effect of fertilization on yield and its components for several varieties and lines of barley under rainy conditions in northern Iraq. The Iraqi Journal of Agricultural Sciences 4(1).
- 43- Dawod, Khalid Mohammed and Hazem Mahmoud Hamid (2003). Gene action in the inheritance of some traits using the analysis of generations mean in upland cotton. The Iraqi Journal of Agricultural Sciences 4(1).
- 44- Ahmed, Ahmed Abdel-Gawad, Khalid Mohammed Dawod, Thiab Ahmed Qassem and Mahfouz Abdel-Qader Mohamed (2003). Performance of several single hybrids of maize. Tikrit Journal of Agricultural Sciences 3(4).
- 45- Dawod, Khalid Mohammed, Jassem Mohamed Aziz and Fouad Fadel Abdel Hamid (2003). Estimation of the relative importance of some components of the seed cotton yield. Tikrit Journal of Agricultural Sciences 3(4).
- 46- Al-Janabi, Alaa Saleh and Khalid Mohammed Dawod (2003). The use of plastic sheeting for early cultivation of cotton. The Iraqi Journal of Agricultural Sciences 4(4).
- 47- Dawod, Khalid Mohammed and Zakaria Badr Fathi (2003). Genetic stability study of ten cotton cultivars. The Iraqi Journal of Agricultural Sciences 4(4).
- 48- Dawod, Khalid Mohammed and Ibrahim Omar Saeed (2003). Response of growth and yield of two cotton cultivars to the growth regulator Mubcoate chloride. The Iraqi Journal of Agricultural Sciences 4(4).
- 49- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (2004). Predicting the performance of double crosses in maize. The Iraqi Journal of Agricultural Sciences 5(1).
- 50- Ali, Ali Hussein, Khalid Mohammed Dawod and Qahtan Saeed Ibrahim (2004). Testing the yield of wheat varieties approved in different environments from Nineveh Governorate. Tikrit Journal of Agricultural Sciences 4(1).
- 51- Dawod, Khalid Mohammed and Zakaria Badr Fathi (2004). Stability Analysis of Hirsutum cotton cultivars for ginning and fiber properties. The Iraqi Journal of Agricultural Sciences 5(1).
- 52- Dawod, Khalid Mohammed, Ali Hussein Ali, and Qahtan Saeed Ibrahim (2004). Study of the phenotypic stability and genetic outcome of varieties of bread wheat and analysis of the path coefficient between the yield and some of its components. The Iraqi Journal of Agricultural Sciences 5(1).
- 53- Dawod, Khalid Mohammed and Abdullah Mohamed Ahmed (2004). Path analysis of three cotton cultivars under different plant densities. The Iraqi Journal of Agricultural Sciences 5(1).

- 54- Dawod, Khalid Mohammed and Zakaria Badr Fathi (2004). Estimation of the yield and its components and path analysis in cotton. *The Iraqi Journal of Agricultural Sciences* 5(2).
- 55- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (2004). Analysis of genetic variations in diallel crosses of lines of maize. *The Iraqi Journal of Agricultural Sciences* 5(2).
- 56- Dawod, Khalid Mohammed and Ibrahim Omar Saeed (2004). Response of ginning outturn, its components and fiber properties of two cotton cultivars to the growth regulator picocote chloride. *The Iraqi Journal of Agricultural Sciences* 5(3).
- 57- Dawod, Khalid Mohammed, Ahlam Ali Hassoun and Abdullah Muhammad Ahmad (2004). Estimation of phenotypic stability of some upland cotton cultivars. *The Iraqi Journal of Agricultural Sciences* 5(3).
- 58- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2006). Evaluation of cotton cultivars at two irrigation methods and analysis of the correlation of yield with other characteristics to direct and indirect effects. *Kirkuk University Journal* 1(1).
- 59- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2006). Genetic variations and heterosis of ginning outturn and fiber properties of cotton. *Kirkuk University Journal* 1(2).
- 60- Dawod, Khalid Mohammed and Nizar Suleiman Ali (2006). Determination of heterosis and combining ability for grain yield and ear characteristics in maize. *Tikrit University Journal of Agricultural Sciences* 6(1).
- 61- Dawod, Khalid Mohammed (2006). Efficiency evaluation of several selection indices to predict cotton yield. *Tikrit University Journal of Agricultural Sciences* 6(2).
- 62- Dawod, Khalid Mohammed, Ali Hussein Ali, Qahtan Saeed Ibrahim, and Muhammad Mahmoud Younis (2006). Effect of different concentrations of salts on the germination of seeds of four cotton cultivars. *Tikrit University Journal of Agricultural Sciences* 6(2).
- 63- Dawod, Khalid Mohammed and Nizar Suleiman Ali (2006). Estimation of combining ability and genetic variance in maize. *Mesopotamia Journal of Agriculture* 34(1).
- 64- Dawod, Khalid Mohammed, Abdel Sattar Ahmed Mohamed and Nizar Suleiman Ali (2006). Study of the epistatic gene action by the triple test cross method in maize. *Mesopotamia Journal of Agriculture* 34(3).
- 65- Dawod, Khalid Mohammed, Amel Fadel Khalil and Abdul Ghani Khalil Hassan (2006). The level of application of cotton growers in Nineveh Governorate to the modern technologies recommended by the National Program for the Development of Cotton Cultivation and its relationship to some variables. *Tikrit University Journal of Agricultural Sciences* 6(3).
- 66- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2006). Combining ability analysis and gene action in Cotton (*Gossypium hirsutum* L.). *Tikrit University Journal of Agricultural Sciences* 6(3).
- 67- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2007). Heterosis, general combining ability and gene action in cotton. *Journal of the University of Sulaymaniyah* 10(1).
- 68- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2007). Study of the properties of fibers and the relationships between them for cultivars of upland cotton grown under two irrigation methods. *Tikrit University Journal of Agricultural Sciences* 7(2).

- 69- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2007). The combining ability and the gene action of some specific cotton traits in different crosses. Kirkuk University Journal 2(2) 2007 a special issue of the first agricultural conference 4-5 September.
- 70- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2007). Genetic analysis of ginning outturn and fiber properties in crosses of hirsutum cotton. Kirkuk University Journal 2(3).
- 71- Dawod, Khalid Mohammed (2008). Genetic stability in some cotton cultivars. Fourth Agricultural Scientific Conference, Tikrit April 29-30.
- 72- Hamoudi, Arshad Thanoun and Khalid Mohammed Dawod (2008). Response of seven cotton cultivars to environmental changes. Technical Journal, 21(2).
- 73- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2008). Estimation of combining ability and genetic parameters of the yield and its components in upland cotton. Tikrit University Journal of Agricultural Sciences 8(1).
- 74- Dawod, Khalid Mohammed, Jassim Muhammad Aziz and Khalid Khalil Al-Jubouri (2008). Effect of spraying with Agrosoil-Plex on cotton yield. Tikrit University Journal of Agricultural Sciences 8(3).
- 75- Aziz, Jassim Muhammad, Khalid Mohammed Dawod and Khalid Khalil al-Jubouri (2008). The use of biofertilization technology in the cotton crop. Tikrit University Journal of Agricultural Sciences 8(3).
- 76- Dawod, Khalid Mohammed and Muwaffaq Jabr Al-Leila (2008). Genetic-environmental interaction in durum wheat. Mesopotamia Journal of Agriculture 36(3).
- 77- Dawod, Khalid Mohammed and Nizar Suleiman Ali (2009). Genetic analysis of crosses between lines of maize. Diyala University Journal of Agricultural Sciences 1(1).
- 78- Dawod, Khalid Mohammed and Ghada Abdullah Al-Hamdani. Genetic effects of yield and some of its components in upland cotton. Al-Rafidain Science Journal 20(4).
- 79- Al-Hamdani, Ghada Abdullah, Khalid Mohammed Dawod and Raed Salem Al-Saffar (2009). Genetic variation and correlations of grain yield and its components in some genotypes of durum wheat. Tikrit University Journal of Agricultural Sciences 9(1).
- 80- Al-Jubouri, Khaled Khalil, Khalid Mohammed Dawod and Aziza Ajouri (2009). Effect of soaking with water and nutrient solutions on the germination of lentil seeds. Tikrit University Journal of Agricultural Sciences 9(2).
- 81- Dawod, Khalid Mohammed, Abd al-Sattar Ahmad Muhammad and Khalil Hazal Kanoosh (2009). Inheritance of grain yield in a diallel cross population of maize. Tikrit University Journal of Agricultural Sciences 9(3).
- 82- Dawod, Khalid Mohammed, Saddam Hussein Abbas and Falih Abed Jaber (2009). Evaluation of rice varieties at different levels of irrigation and analysis of the correlations of yield with other characteristics into direct and indirect effects. Tikrit University Journal of Agricultural Sciences 9(3).
- 83- Al-Jubouri, Khaled Khalil, Khalid Mohammed Dawod and Aziza Ajouri (2009). Quantitative genetic analysis of yield, its components and fibers characteristics from cotton using the divergent cross-breeding system. Aleppo University Research Journal, Issue 73, 2009.
- 84- Al-Hamdani, Ghada Abdullah and Khalid Mohammed Dawod (2010). Path factor analysis and some genetic parameters in the second generation of durum wheat. Kirkuk University Journal of Agricultural Sciences 1(1).

- 85- Muhammad, Abd al-Sattar Ahmad, Khalid Mohammed Dawod and Khalid Khalil al-Jubouri (2010). Inference on the gene action of the traits of the yield and its components in maize using diallel cross. *Kirkuk University Journal of Agricultural Sciences* 5(1).
- 86- Al-Hamdani, Ghada Abdullah and Khalid Mohammed Dawod (2010). Genetic estimates in first- and second-generation diallel cross in durum wheat. *Tikrit University Journal of Agricultural Sciences* 10(1).
- 87- Hadba, Ka'a Ali, Khaled Khalil al-Jubouri, Khalid Mohammed Dawod and Muhammad Ibrahim Muhammad (2010). Using dummy variables in factorial experiments to find the relationship between analysis of variance and regression analysis by adopting data on the number of fruit branches in cotton. *Kirkuk University Journal of Agricultural Sciences* 1(2).
- 88- Dawod, Khalid Mohammed, Ahmed Hawas Abdullah and Khaled Khalil Al-Jubouri (2010). The combining ability of yield and its components in upland cotton. *Kirkuk University Journal of Agricultural Sciences* 1(2).
- 89- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2010). Heterosis and combining ability in diallel crosses between cultivars of upland cotton. *Scientific Journal of the Faculty of Agriculture - Cairo University* 61(1).
- 90- Al-Hamdani, Ghada Abdullah, Khalid Mohammed Dawod and Shaima Khalil Abdullah (2010). Genetic variations of yield and its components in durum wheat upon different addition methods of EM1 bioactivator. *Proceedings of the 12th International Conference on Crop Sciences in El-Arish, Egypt, September 20-22, 2010*.
- 91- Al-Jubouri, Khaled Khalil, Khalid Mohammed Dawod and Walid Mohamed Sheet (2010). The use of EM1 bio-fertilization technology on some important field crops. *Tikrit University Journal of Agricultural Sciences*.
- 92- Dawod, Khalid Mohammed, Abdel Sattar Ahmed Mohamed and Khalil Hazal Kanoush (2011). Genetic-environmental interaction and phenotypic stability of maize grain yield. *University of Kufa Journal of Agricultural Sciences* 3(2).
- 93- Dawod, Khalid Mohammed and Abdel Sattar Ahmed Mohamed (2011). Combining ability analysis using triallel hybrids in maize. *Al-Furat Journal of Agricultural Sciences (Babylon University)*, 3(4).
- 94- Dawod, Khalid Mohammed and Ahmed Hawas Abdullah (2011). Analysis of combining ability by adopting single and three-way crosses for protein and oil percents in maize. *Proceedings of the Fifth Scientific Conference, Tikrit April 26-27, 2011*.
- 95- Abdullah, Ahmed Hawas and Khalid Mohammed Dawod (2011). Diallel cross analysis of some quantitative traits in maize. *Proceedings of the Fifth Scientific Conference, Tikrit April 26-27, 2011*.
- 96- Abdullah, Souad Erdeni, Khalid Mohammed Dawod, Izgin, Haji Assaf (2011). The relative importance of some traits related to Sunn pest infestation in the yield of durum wheat grains. *Proceedings of the Fifth Scientific Conference, Tikrit April 26-27, 2011*.
- 97- Dawod, Khalid Mohammed and Ahmed Hawas Abdullah (2011). Inheritance of grain yield and its components of a triallel hybrids population in maize. *Diyala Journal of Agricultural Sciences* 3(2), part 2.
- 98- Dawod, Khalid Mohammed, Saddam Hussein Abbas, Falih Abd Jaber, and Khader Abbas Salim (2011). Study of stability parameters of yield and its components in varieties of rice. *Kirkuk University Journal, Scientific Studies* 6 (1).

- 99- Dawod, Khalid Mohammed and Khaled Khalil Al-Jubouri (2012). Estimation of heritability and some genetic parameters in upland cotton. *Kirkuk University Journal of Agricultural Sciences* 3(1).
- 100- Hussein, Muhammad Ali, Khalid Mohammed Dawod and Abdul Sattar Ahmad Muhammad (2012). Gene action and combining ability in single hybrids of maize. *Duhok University Journal* 15(1).
- 101- Dawod, Khalid Mohammed and Akram Abdul Razzaq Muhammad Ali (2012). Analysis of diallel cross in the second generation of yield traits and some of its components in upland cotton. *Rafidain Agriculture Journal*, Volume 40 Supplement 1, 2012. Proceedings of the first conference of the Crops Department.
- 102- Dawod, Khalid Mohammed, Mohamed Hussein Al-Falahi and Abdel-Sattar Ahmed Mohamed (2012). Evaluation of introduced genotypes of bread wheat through the technique of selection index. *Dohuk magazine*, volume 15, number 1, 2012.
- 103- Dawod, Khalid Mohammed, Ahmed Hawas Abdullah and Khaled Khalil Al-Jubouri (2012). Estimation of some genetic parameters of the yield and its components in upland cotton. *Rafidain Agriculture Journal*, Volume 40 Supplement 1, 2012. Proceedings of the first conference of the Crops Department.
- 104- Abdullah, Souad Erdeni, Khalid Mohammed Dawod, Izgin, Haji Assaf (2012). Genetic-environmental interaction in durum wheat infested with Sunn pest. *Rafidain Agriculture Journal*, Volume 40 Supplement 1, 2012. Proceedings of the first conference of the Crops Department.
- 105- Dawod, Khalid Mohammed, Ahmed and Jassim Mohamed Aziz (2012). Using Selection index technique in assessing the introduced genotypes of bread wheat. *Special Issue of the Second Scientific Conference of the College of Science at Tikrit University* 25-26 September 2012.
- 106- Dawod, Khalid Mohammed and Abd al-Salam Rajab al-Jumaili (2012). Evaluation of seed cotton yield traits and some of its components of upland cotton genotypes, the estimation of some genetic parameters, and the path factor analysis. *Rafidain Agriculture Journal*, Volume 40 Supplement 1, 2012. Proceedings of the first conference of the Crops Department.
- 107- Khalid Mohammed Dawod, Suaad Ardeni, Abd Allah and Muhammad Ibrahim Muhammad (2012). Analysis of combining ability of the cotton yield and some of its components and sensitivity to the infestation of the cotton nut spinyworm. *Rafidain Agriculture Journal*, Volume 40 Supplement 1, 2012. Proceedings of the first conference of the Crops Department.
- 108- Dawod, Khalid Mohammed, Ghada Abdullah Al-Hamdani and Shaima Khalil Abdullah (2012). Genetic stability of durum wheat cultivars under different environmental conditions. *Karbala University - Proceedings of the second scientific conference of the Faculty of Agriculture* 2012.
- 109- Dawod, Khalid Mohammed, Khalil Hazal Kannoush and Muthanna Abdul Basit Al-Amri (2012). Environmental genetic interaction and stability parameters of introduced genotypes of bread wheat. *Karbala University - Proceedings of the second scientific conference of the Faculty of Agriculture* 2012.
- 110- Dawod, Khalid Mohammed, Suaad Ardeni Abdullah and Muhammad Ibrahim Muhammad (2012). Genetic structure of some quantitative traits in cotton. *Karbala University - Proceedings of the second scientific conference of the Faculty of Agriculture* 2012.
- 111- Dawod, Khalid Mohammed, Khalil, Abdel Sattar Ahmed Mohamed, and Shukr Mahmoud Ramo (2012). Evaluation of combining ability in lines of maize and its

- diallel crosses. Karbala University - Proceedings of the second scientific conference of the Faculty of Agriculture 2012.
- 112- Dawod, Khalid Mohammed and Nizar Suleiman Ali (2012). Analysis of the general and specific combining ability of grain yield in maize and its components using diallel cross. Karbala University - Proceedings of the second scientific conference of the Faculty of Agriculture 2012.
- 113 - Dawod, Khalid Mohammed Munib Younis Fathi and Adnan Abd al-Salam Taha (2014). Stability of sugar beet cultivars under different environmental conditions. Kirkuk University Journal 5(1) 2014.
- 114- Dawod, Khalid Mohammed, Mohamed Ali Hussein Al-Falahi and Abdel-Sattar Ahmed Mohamed (2013). Heterosis and combining ability in diallel crosses between seven pure lines of maize. Proceedings of the third conference of the College of Agriculture at the University of Kufa, 2013.
- 115- Dawod, Khalid Mohammed and Abd al-Salam Rajab al-Jumaili (2013). Studying the genetic behavior of yield and its components and path factor analysis using several cotton genotypes. Proceedings of the third conference of the College of Agriculture at the University of Kufa, 2013.
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- 140- Al-Jubouri, Hussein Ahmed Hassan and Khalid Mohammed Dawod (2021). Genetic and phenotypic pathway analysis in barley (*Hordeum vulgare L.*). *Indian J Ecology*, 48(18): 2021
- 141- Al-Falahi, Muhammad Ali Hussain, Delshir Shawkat Taher, Khalid Mohammed Dawod Al-Zubaidi and Shaleer Suleiman Ahmad (2022). Response of yield and its components of four promising types of wheat to different levels of nitrogen fertilization. *Mesopotamia J. Agric.*, 50(1), 2022
- 142- Al-Falahi, Muhammad Ali Hussein, Khalid Mohammed Dawod and Abbas Alo Al-Babawati (2022). Gene action, heterosis and combining ability in maize crosses. A- Using diallel cross. Accepted, *Kufa Journal of Agricultural Sciences*, Volume 13, 2022.
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Conference Proceedings

1. Participation in the Agricultural Sector Strategies Conference, Baghdad 19-20/5/1997, delivering two papers on ways to improve the productivity of industrial crops (cotton and sunflower).
2. Participation in the conference of rain-fed agriculture in the Arab world, held in Cairo for the period 7-12/3/1998, presenting a study on the reality of rain-fed agriculture in Iraq and the prospects for its development.
3. The National Specialized Course on the Basic Pillars for Improving Cotton Yield, Kirkuk, 7/24/29/1999, delivered by Lectures on the design and analysis of cotton experiments.
4. Head of the Preparatory Committee for the Sheep Management and Breeding Symposium held at Mosul University on December 29, 2001.
5. Chairman of the Preparatory Committee for the Second National Scientific Conference for Livestock and Agricultural Mechanization held at the University of Mosul for the period 3/13-14/2002.
6. Participation in all scientific conferences held by the Ministry of Agriculture during the period from 1997 to 2003.

7. Participation in all scientific conferences held by Tikrit University since 2000 until now.
8. Participation in all annual conferences related to the development of cotton cultivation in Iraq during the period from 1998 to 2003 (presenting the conference paper related to the development of cotton cultivation in all conferences).
9. A member of a delegation from the Ministry of Agriculture to the Arab Republic of Egypt to discuss the executive steps of the coordination and cooperation program and the agricultural integration signed between Iraq and Egypt, during December/2001.
10. Member of the Preparatory Committee for the First Agricultural Conference of the Directorate of Agriculture in Nineveh Governorate in 2001.
11. Chairman of the Preparatory Committee for the Scientific Symposium "Cotton Cultivation Between Reality and Development" held at the University of Mosul on May 15, 2002.
12. Member of a committee in the Ministry of Agriculture to prepare a plan for the cultivation of strategic grain and industrial crops/2002.
13. Head of the Preparatory Committee for the Third National Scientific Conference for Plant Protection held at the University of Mosul for the period 3/17-18/2003.
14. Participation in the training course on statistics and design of experiments, which was held at ICARDA in Syria in 2005 in coordination with the University of Hawaii
15. Participation in the research "Genetic stability of certified and promising varieties of cotton" in the international scientific symposium on the reality of field crops and the prospects for their development, which was held by the Department of Field Crops, Faculty of Agriculture, Aleppo University (Syria) in partnership with the International Center for Agricultural Research in the Dry Areas (ICARDA) in cooperation with The Higher Council for Science and for the period from 30-31/10/2006.
16. Participation in giving a lecture in the first consultative symposium for the development of the cotton crop in Kirkuk on 1/7/2010, which was held at the College of Agriculture at the University of Kirkuk.
17. Participation in research in the scientific conference held in Deir Ezzor, Syria in 2010.
18. Participation in the training course on design and analysis of experiments using the Gensat program in data analysis, which was held at ICARDA, Syria in 2010.
19. Participation in a research in the First National Conference on Agricultural Research held for the period from 3-4 May 2011 at the College of Agriculture - University of Diyala.
20. Participation in three research papers in the Fifth Scientific Conference of the College of Agriculture - Tikrit University for the period April 26-27, 2011.
21. Giving lectures in the first training course on cotton grading, which was held at the textile factory in Mosul, for the benefit of trainees from Mosul and Kirkuk, which was held for the period from January 25-29, 2012.
22. Giving lectures in the second training course on cotton grading, which was held at the textile factory in Mosul, for the benefit of trainees from Mosul and Kirkuk, which was held for the period from July 1-5, 2012.
23. Member of the Preparatory Committee and Chairman of the Scientific Committee of the First Scientific Conference of the Field Crops Department, held for the period 24-25 September 2012.

24. Participation in the first scientific conference of the Department of Field Crops, College of Agriculture and Forestry, University of Mosul, held for the period from 24-25 September 2012, with five research papers.
25. Participation in the second scientific conference of the Faculty of Science, Tikrit University, held for the period from 25-26 September 2012, with a research presentation.
26. Participation in the second scientific symposium of the Cotton Research Unit at the Technical College in Mosul on 10/22/2012 and giving a lecture entitled (The Reality of Cotton Cultivation in Iraq and the Prospects for its Development).
27. Participation in five research papers in the second scientific conference of the College of Agriculture at Karbala University for the period 10-11/12/2012.

Supervisor for Students of M.Sc. and Ph.D.

Master Thesis Research:

Study of staple and seed properties of different grades of cotton in northern Iraq

Doctoral Dissertation Research:

Combining ability analysing, genetic action and heterosis and evaluation of parents and crosses using single and three-way crosses analysis in cotton

Other Activities

Authored the following books:

- (1) The book "Statistical Methods for Agricultural Research", Khalid Mohammed Dawod and Zaki Abd El-Yas, 1990, Dar Al-Kutub Foundation For printing and publishing, 545 pages.
- (2) Technical Bulletin "Using the Electronic Calculator in Agricultural Research", Khiled Mohammed Dawod and Mohamed Youssef Hamid, 1988, Dar Al-Kutub Foundation for Printing and Publishing, 56 pages.
- (3) The book "Design and Analysis of Genetic Experiments", Khalid Mohammed Dawod and Khalid Khalil Al-Jubouri, Dar Al-Wadah for Printing and Publishing, Amman, Jordan and Tigris Library for Publishing, Baghdad, 2016, 800 pages.
- (4) The book "Basics of Statistics and Experiment Design, in English" by Khalid Mohammed Dawod and Muhammad Ali Hussain Al-Falahi, Press. University of Dohuk, Iraq, 2016, 350 pages
- (5) Population Genetics (in English), Khalid Mohammed Dawod and Muhammad Ali Hussain al-Falahi (under construction).
- (6) The book "Biostatistics (in Arabic), Khalid Mohammad Dawod and Khaled Khalil Al-Jubouri (under construction).