

Dr. AZIZ MAHDI ABD

Specialization: plant breeding and improvement



Academic achievement:

University and college	Specialization	University order number and date	Qualification
Salah El-Din - College of Agriculture	Horticulture And Land Escape - Vegetables	3124\13\3 on 1983 \6\15	BSC
Baghdad - College of Agriculture	Horticulture And Land Escape - Vegetables	on 21233 1986\10\20	Masters
Salah El-Din - College of Agriculture	plant breeding and improvement	2145 on 2005\9\13	PhD

Scientific titles

Degree	The number and date of the university order to obtain the title
Assistant lecture	276 on 2003 -6-18
Lecture	6465 on 2005 -10 -3
Assistant professor	3154 on 2010 -3-2
Professor	1979 on 2016-2-9

Practical experiences:

- Teaching genetics at the Faculty of Agriculture for the primary and higher studies
- Teaching the subject of breeding and improving vegetable plants in the College of Agriculture for the primary and higher studies
- Teaching the subject of scientific research methods for postgraduate studies
- Teaching the subject of protected agriculture for postgraduate studies
- Using the computer
- Using different e-learning programs
- The technique of transferring genetic traits between plants through crossbreeding

Various workshops and seminars:

- Profession and the draft instructions for the structure of teaching

Contact



Your address :

College of Agriculture/University of Diyala



your email:

azizmabd@uodiyala.edu.iq



Google scholar : <https://www.researchgate.net/profile/Aziz-Shamari>



Scopus: <https://www.scopus.com/authid/detail.uri?>

work - Presidency of Diyala University on 11/11/2014

- Treasures of plant wealth in the Iraqi deserts / Seed Certification Commission Seed Examination and Certification Commission General Commission to Combat Desertification - Baghdad 5-8-2013
- Developing the reality of sugar cane cultivation in Iraq, Diyala Investment Authority on February 15, 2012
- The First Symposium of the Department of Sharia (Magic and its Jurisprudential and Social Effects) College of Islamic Studies, Diyala University on 3/14/2012
- The First Scientific Workshop \ Herbs and Gene Banks - Iraq's Renewable Treasures - Seed Examination and Certification Authority \ Baghdad on 3/29/2012
- The first scientific symposium of the Research and Development Department at the Presidency of the University - the Presidency of the University on -5-8-2012
- A symposium on investment and financing in Islamic banks - College of Islamic Sciences, University of Diyala on 9-1-2011
- A panel discussion (measuring the progress of society is an essential step for the progress of society) spatial research unit, College of Education \ Al-Asma'i on 6-8-2013
- The first specialized scientific symposium on scientific research - the presidency of the university - research and development on May 8, 2012
- A panel discussion on global warming and desertification, Engineers Syndicate \ Diyala on 9/19/2011
- A symposium on date palm, a cornerstone of food security - General Authority for Palms \ Nakheel Mandali Station on 4-4-2011
- A symposium on life sciences, an aspect of the scientific miracles in the Noble Qur'an - Al-Razi College of Education on May 12, 2010
- A symposium on university norms and traditions, Diyala University Presidency - on 11-4-2010
- The second scientific symposium for the development of the poultry industry - College of Agriculture, University of Diyala on 12/21/2010
- The activities of the third cultural season of the Spatial Research Unit / Al-Asma'i College of Education on 12-4-2011
- Bee Day Workshop - Iraqi Beekeepers Association on 3/24/2010
- A symposium on the strategy of poverty alleviation in Iraq - Diyala Governorate on 4/19/2010
- Symposium on youth migration, causes and treatments - College of Agriculture - University of Diyala on 6/4/2016
- Symposium on human rights and human trafficking - College of Agriculture - University of Diyala on 5/5/2015
- A symposium on urban agriculture and its impact on the environment, society and food - College of Agriculture - University of Diyala on 21/4/2015
- A symposium on afforestation of cities and the reduction of greenhouse gases, College of Agriculture / University of Diyala on 2/4/2014

- **A workshop on the harmonization between the outputs of higher education and the labor market - Presidency of Diyala University on 6/4/2014**

Research and scientific conferences:

- The development of four strains of tomato and the study of some of its characteristics.
- The development of the eggplant *Osmaniye* - 22
- The effect of chemical fertilization and the type of organic fertilizer on the quantitative characteristics of the yield of three cultivars of watermelon grown in gypsum soils.
- Effect of planting dates and foliar fertilizers on some phenotypic traits of growth and yield of "Gharleston 76" cultivar.
- The effect of variety, degree of maturity and storage method on the storage and marketing characteristics of watermelon fruits. Estimation of hybrid vigor for quantitative and qualitative yield traits in tomatoes grown in plastic tunnels
- Development of the watermelon variety *Hafez Nafsah-11*
- Effect of spraying with some organic nutrients and breeding method on the growth and yield of three cucumber hybrids under protected cultivation conditions
- The effect of spraying with some organic nutrients and the method of breeding on the yield characteristics of three times the cucumber under cultivation conditions
- The effect of organic fertilization and breeding method on vegetative and flowering growth characteristics of three seven genotypes of tomato grown in greenhouses
- Effect of organic fertilization and breeding method on some yield traits of three tomato genotypes *Lycopersicon esculentum* Mill obtained under greenhouse conditions.
- The stimulating effect of black seed and sweet seed extracts on seedling characteristics of some pepper genotypes.
- Effect of organic foliar feeding on the growth and yield of four sweet pepper genotypes
- Effect of organic and chemical fertilization and their mixing on the growth and yield of two garlic cultivars (*Allium sativum* L.)).
- Effect of magnetically treated water and breeding method on some vegetative and flowering growth characteristics of three watermelon genotypes (*Cucumis melo* L.) in greenhouses.
- Effect of the type of fertilizer on some chemical characteristics of the vegetative growth of three broccoli genotypes
- Effect of planting density and bulb size on some growth characteristics and yield of two types of onions, *Allium cepa* L.
- Effect of genotype and foliar spraying with arginine acid and yeast on some 1- Vegetative growth characteristics of *Solanum tuberosum* L.
- Effect of organic and chemical fertilization on vegetative growth characteristics and yield of three broccoli genotypes. *Brassica oleracea* var *botrytis*.
 - Effect of irrigation periods and plant density on some quantitative characteristics of the yield of three cowpea cultivars
- Effect of magnetically treated water and breeding methods on some fruit specifications Three genotypes of watermelon (*Cucumis melo* L.) grown in greenhouses.
- Effect of genotype and foliar spraying with arginine acid and yeast on some 1- vegetative growth characteristics of potato (*Solanum tuberosum* L.)
- Effect of genotype and foliar spraying with arginine acid and yeast on 2- some characteristics of potato yield (*Solanum tuberosum* L.)

- Effect of colchicine turkey and tuber immersion period on three structures of potato (*Solanum tuberosum* L.) 1- Some characteristics of vegetative growth
- Response of some potato cultivars to colchicine treatment to cause genetic variations and its effect on plant yield.
- Effect of biofertilizers and chemical fertilizers on 1- some vegetative growth characteristics of three okra cultivars (*Abelmoschus esculentus* L.).
- Effect of biofertilizers and chemical fertilizers on 2- some quantitative yield characteristics of three okra cultivars.
 - The effect of adding perlite to the soil in reducing water stress and its effect on some yield traits of three tomato genotypes.
 - Effect of perlite in reducing water stress of three genotypes of *Solanum lycopersicum* L. 1: Vegetative growth
- Foliar application of Tecamin max ® to alleviate the water deficit on vegetative growth and yield of okra
- Foliar application of Tecamin flower to alleviate water deficit on vegetative growth and yield of tomato
- Effect of foliar feeding with Grow More product on the growth and yield of three types of lipids
- Study of reducing whitefly damage by using the intercropping system with cucumber crop in 1- Some characteristics of vegetative growth of potatoes
- **Tecamin Flower Foliar Application To Alleviate Water Deficit Effects On Growth, Yield And Water Use Efficiency Of Tomato**
- **Foliar Application Of Tecamin Max To Alleviate Water Deficit Effects On Yield And Water-Use Efficiency (Wue) Of Okra**
- **Foliar application of Tecamin flower to alleviate water deficit on vegetative growth and yield of tomato**
- **Effect of variety, dates of planting and spraying with Growmore in some quantitative characteristics of dry cowpea horns**
- **The Effect of The Density of Cucumber Nested with The Potato Cropto Reduce The Damage of The White Fly And Its Effect on 2- The Population Density of The Insect and Some Characteristics of The Quantitative Yield of The Potato Crop**
- **Effect of glutathione spray on the growth of three genotypes of *Cucumis sativus* L. affected by water stress**
- **Improvement in Production, Fruit Quality and Water Use Efficiency of Three Tomato Cultivars by Foliar Application of Tecamin Flower® Under Water Deficit Conditions**
- **The effect of glutathione spraying to reduce the negative effect of water stress on the yield of three genotypes of of *Cucumis sativus* L.**
- Effect of planting date foliar spraying with chrome fertilizer on green yield of three cultivars of cowpea grown in autumn season.
- Effect of plant density and foliar nutrition with marine algae extract on some vegetative growth characteristics of four cultivars of the Kalma crop.
- **Responses of three cowpea cultivars to planting date and foliar**

fertilization

- **Perlite Affects Some Plant Indicators and Reduces Water Deficit in Tomato**
- **Response Yield Of Four Cultivar Kohlrabi)Brassica Oleracea Var. Caulorapa L.) To Plant Density And Foliar Nutrition Of Seaweed**
- **Genetic Diversity Analysis And Dna Fingerprinting Oftomato Breeding Lines Using Ssr Markers**

Conferences:

- The Third International Agricultural Conference of the University of Duhok on October 2-3, 2019
- The Third International Scientific Conference for Agricultural Sciences - College of Agriculture, University of Kirkuk on 7 and 8/11/2018

Membership of associations and bodies:

- Member of the Iraqi Academics Syndicate
- Member of the Iraqi Engineers Syndicate
- Member of the Iraqi Teachers Syndicate

Certificates of appreciation and letters of thanks:

Thanksgiving books:


- 1 - Presidency of the University of Diyala University order number 6119 on 9/21/2005
- 2 - Deanship of the Faculty of Agriculture Administrative Order No. 478 on 12/6/2006
- 3 - Directorate of Agriculture in Diyala Governorate Book No. 9440 on 8/15/2006
- 4 - Directorate of Agriculture in Diyala Governorate Administrative Order No. 14801 on 12/27/2008
- 5 - Ministry of Agriculture Book No. Administrative Order No. 24 on 4/1/2009
- 6 - Presidency of the University of Diyala University order number 719 on 01/20/2009
- 7 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 214 on 3/1/2009
- 8 - Deanship of the Faculty of Agriculture Administrative Order No. Book No. 1188 on 9/24/2008
- 9 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1651 on October 28, 2009
- 10 - Presidency of the University of Diyala University order number 15629 on 22/12/2002
- 11 -Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1966 on December 29, 2009
- 12 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1901 on 10/12/2010

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- 13 - Presidency of the University of Diyala University order number 16431 on 10/11/2010
 - 14 - Tikrit University - College of Agriculture Administrative Order No. 94 \ on 11/11/2010
 - 15 - Presidency of the University of Diyala University order number 17466 on 11/30/2010
 - 16 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 284 on February 13, 2011
 - 17 - Presidency of the University of Diyala University order number 2364 on February 16, 2011
 - 18 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 943 on 5/25/2011
 - 19 - Presidency of the University of Diyala University order number 9165 on 6/19/2011
 - 20 - Deanship of the Faculty of Agriculture - Administrative Order No. 1307 on 07/27/2011
 - 21 - Presidency of Diyala University Administrative Order No. 11478 on 8 A/8/2011
 - 22 - Syndicate of Agricultural Engineers Administrative Order No. 29/9/2011
 - 23 - Office of the Assistant President of the University, University Order No. 13931 on 9/28/2011
 - 24 - Syndicate of Agricultural Engineers Administrative Order No. 187 on 9/27/2011
 - 25 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1580 on 10/2/2011
 - 26 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1623 on 10/5/2011
 - 27 - Presidency of the University of Diyala University order number 19113 on 29/12/2011
 - 28 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 92 on 1/17/2012
 - 29 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 335 on February 28, 2012
 - 30 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1114 on 6/18/2012
 - 31 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1729 on 10/3/2012
 - 32 - Diyala University Presidency, university order number 5772 on 4/22/2013
 - 33 - Ministry of Human Rights Ministerial Order No. A/2/13590 on 9/18/2013
 - 34 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1007 on 9/30/2013
 - 35 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 2052 on 16/12/2013
 - 36 - Presidency of the University of Diyala University order number 7288 on May 14, 2014
 - 37- Diyala University Presidency, university order number 16064 on 12/1/2014
 - 38 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 463 on 10/3/2015
 - 39 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1740 on 9/21/2015
 - 40 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1648 on February 18, 2016
 - 41 - The Presidency of the University of Diyala Administrative Order No. 3721 on 10/3/2016

- 42 - Presidency of the University of Diyala University order number 8304 on 6/8/2016
- 43 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 9491 on 10/8/2016
- 44 - Deanship of the College of Agriculture - University of Diyala, administrative order number 2100 on 16/6/2017
- 45 - Presidency of the University of Diyala University order number 9960 on 7/13/2016
- 46 - Deanship of the College of Agriculture - University of Baghdad, administrative order number 4343 on 27/12/2017
- 47- Deanship of the College of Agriculture - University of Baghdad, administrative order number 528 on 25/2/2018
- 48 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1054 on 5/8/2018
- 49 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 611 on 3/18/2018
- 50 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1178 on 21/4/2019
- 51 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1524 on 19/5/2019
- 52 - Deanship of the Faculty of Agriculture - University of Kirkuk Administrative Order No. 2/15/1099 On May 23, 2019
- 53 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 1764 on 19/6/2019
- 54 - Presidency of the University of Diyala University order number 6513 on 20/7/2020
- 55 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 993 on 7/21/2020
- 56 - Minister of Education Ministerial Order No. MD 2/532 on 11/8/2020
- 57 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. 33 on 7/1/2020
- 58 - Ministry of Education Ministerial Order No. 5/4443 on 09/27/2020
- 59 - Deanship of the College of Agriculture - University of Diyala Administrative Order No. E6 on 1/9/2020
- 60 - University of Diyala University Order No. d.m / 9912 on 10/13/2020
- 61 - Ministry of Education Ministerial Order No. b. T/5 6377 on 11/24/2020
- 62 - Ministry of Education Ministerial Order No. M and 2/432 on 1/3/2021
- 63 - University of Diyala University order number Q / D / K 5634 on 4/27/2021
- 64 - College of Agriculture 1142 on 15/6/2021
- 65 - College of Agriculture Administrative Order No. 1323 on 7/8/2021
- 66 - College of Agriculture Administrative Order No. 1568 on 16/8/2021
- 67 - Ministry of Education Ministerial Order No. M and 14/1430 on 08/26/2021

• Appreciation Certificates

- A certificate of appreciation from the College of Agriculture, University of Diyala, to participate in the first student conference for agricultural research held on 27 and 28/5/2019
- A certificate of appreciation from the College of Agriculture, University of Diyala, on the occasion of giving a scientific lecture on genetic resources and how to preserve them
- Certificate of Appreciation from the College of Agriculture, University of Mosul, on the occasion of participating in the Third International Agricultural Conference for the period 2 and 3 October 2019

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- Certificate of Appreciation from Diyala University for publication in Scopus containers on 10/25/2020
 - A certificate of appreciation from the University of Diyala for winning the first professor award for the department
 - Certificate of Appreciation from Diyala University for publication in Scopus containers on 1/8/2021

Other Skills:

- Use of a computer
 - Using different e-learning programs
 - Using electronic statistical programs to analyze data statistically
 - Cross-breeding for the purpose of transferring some genetic traits between different plants
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