

Biography and scientific



First: - Personal Information:

Name and title: Prof. Hamdi Jasim Hammadi Ali Al Dulaimi

- Creation: 1955
- Place of birth: Iraq - Anbar - Ramadi
- Marital status: Married
- Wife's name: Iman Mohamed Awwad
- Number of children: six

Second: - Certificates obtained:

- Received a certificate of primary education in (1968) from Ibn al-Atheer primary school in Anbar province.
- Received a certificate of middle school (1971) from the Ramadi middle school for boys in Anbar province.
- Received a certificate of preparatory school in 1974 (from the Ramadi elementary school for boys in Anbar province)
- Bachelor degree in 1978-1979.
- Received a master's degree in 1983 in agricultural sciences
- Received a PhD in genetics from Anbar University – collage of Science - Department of Life Sciences in 2004

Third: - Jurisdiction and scientific title

- Scientific title and date of obtaining: -
- Teacher on 9/1/2001
- Assistant Professor on 9/1/2004
- Professor on 9/10/2009
- General Specialization: Life Sciences
- Specialization : Genetics

Thesis Title: (master) :-(Determination of heterosis between local and foreign varieties in maize)

Thesis Title: (PhD.):-(Statistical analysis of genetic parameters in maize using cross-fertilization)

Fourth: - Supervising the master's and Ph.D. Supervising Master Thesis

- Estimation of some genetic parameters and analysis of pathway parameters in soybean using plant densities.
- Genetic analysis of some phylogenetic traits and their components and components of maize using cross-fertilization.
- Genetic function and the ability of the coalition of some genetic parameters using global hybridization and strain X in the yellow maize (*Zea mays L.*).
- Analysis of the trajectory of the pathway in maize with the effect of plant densities.

- Determination of hybrid strength and some genetic parameters in maize using full cross-fertilization.
- Estimation of some genetic parameters and analysis of the path coefficient in bread wheat.
- Determination of the viability of the union and some of the genetic parameters of maize using semi-interchangeable syllabus.
- Effect of the class and spraying of pyrodoxin in the growth and yield of the rest.
- Determination of the hybrid and federative power in maize strains using cross-hybridization.
- Genetic behavior of individual hybrid maize using global hybridization.
- Effect of dates of planting and cutting in the value and quality of green fodder for two varieties of white maize.
- Analysis of path pathological parameters in barley under two agricultural fields.
- Determination of statistical and genetic constants in the strains of maize using chemical compounds.
- Determination of statistical and genetic parameters in the first generation hybrids of yellow maize.
- Evaluation of the performance of strains of maize using hybridization.

Supervising PhD. students

- Estimation of some genetic parameters and analysis of path parameters using cross-fertilization in yellow maize.
- Response of growth and yield of four varieties of the rest of the plant density and spraying with the acid of the HOMIC.
- Effect of soil moisture stress levels and nitrogen and phosphate fertilizers in the growth and yield of sun flower.
- Effect of the stages of cutting and soaking of pyrodoxin in the growth and yield of white maize.
- Determination of genetic function and genetic variation using SSR technique

Fifth: Scientific Research: Publications

Determination of the hybrid force, the federal capacity and the inheritance of six pure strains and their individual hybridization using hybridization of the yellow maize (*Zea mays L.*). University of Tikrit. Volume 14-Issue-1-2014.

Effect of soaking seeds with pyrodoxin and high cutting stages in the growth and yield of fodder for white maize. Anbar Journal of Agricultural Sciences - Volume 11 - Issue 2 - 2013

Determination of the tolerance of four varieties of wheat for different levels of salinity. Anbar University of Pure Sciences. Volume 3 – Issue.

Effect of seed rates on growth and yield of chili wheat. Anbar Journal of Agricultural Sciences - Anbar Journal of Agricultural Sciences. Volume - Number 10 - Year 2000

Effect of high levels of nitrogen fertilizer on growth and yield of chili wheat. Anbar Journal of Agricultural Sciences - Volume 3 - Issue 2 - 2005.

Effect of cutting stages and planting dates in green feed yield and quality of white maize. Anbar Journal of Agricultural Sciences - Volume 9, Issue 2, 2011

Interbreeding hybridization and its effect on the components of grain yield of some genotypes in yellow maize
Zea mays L.. Anbar Journal of Agricultural Sciences, vol. 9, no. 2, 2011

Genetic analysis of coalitionability and some genetic parameters in maize using global hybridization. Iraqi Journal of Desert Studies. Vol. 3, No. 1, 2011

The effect of spraying of pyrodoxin on the growth and yield of four varieties of the rest (*Vicia faba* L.). Anbar Journal of Agricultural Sciences. Vol. 14, No. 2, 2016

Estimation of some genetic parameters and analysis of the pathway of soybean with the effect of plant densities. Anbar Journal of Agricultural Sciences. Volume 12, Issue 2, 2014.

The viability of the coalition and the estimation of some genetic parameters and hybrid power in maize using hybridization (strain x tester). Anbar Journal of Agricultural Sciences, Proceedings of the Fourth Scientific Conference, Volume 12, 2014

Determination of hybrid strength, viability and some genetic parameters in maize L. *Zea mays* L. using full cross-fertilization. Anbar Journal of Agricultural Sciences, Volume 8, Issue 4, 2010.

The federal ability and the genetic action in bread wheat. Anbar Journal of Agricultural Sciences. Vol. 5, No. 4, 2005.

Genetic parameters and analysis of the coefficient of the path of the bread mix with the effect of seed quantities. Anbar Journal of Agricultural Sciences, Volume 6, Issue 1, 2008.

Genetic diversity analysis in maize (*Zea mays* L.) Using SSR markers
Effect of cutting frequency and

potassium levels on seed yield and its components for Berseem (*Trifolium alexandrinum* L.)

Determination of hybrid force, federal potential and expected genetic improvement in maize using hybrid cross-fertilization. Anbar Agricultural Science Journal - Volume 15, Issue 2, 2017

Effect of plant density on the growth, yield and quality of several genotypes of the rest. (Anbar Journal of Agricultural Sciences, Vol. 16, No. 1, 2019)

Genetic analysis of the yield and its components in maize using cross-fertilization (Al-Anbar Journal of Agricultural Sciences, Volume 16, No. 2, 2019)

Effect of heomic acid in the growth and yield of several hereditary structures from the rest (Al-Anbar Journal of Agricultural Sciences, Vol. 16, No. 2, 2018)

Sixth: - Books composed: -

1 - basics of plant breeding / systematic book assistant / Faculty of Agriculture - Anbar University

2 - Genetics / systematic book assistant / College of Education for Girls - Anbar University

Seventh: - Functions that you acquire:

- Head of Field Crops from 2010 to 2013

- Head of the Graduate Studies Committee in the Department of Field Crops from 2010 to 2013.

Eighth: Cultural and Scientific Activities:

- Participated in many conferences and seminars inside and outside the country.
- Participated in workshops held by the Faculty of Agriculture.
- Participated in the discussion and correction of many semesters of master's and doctoral students in the Department of Crops.
- Follow-up and supervision of graduate students in field testing sites during field visits in research stations and in agricultural fields.

Ninth: Committees where he worked:

- Chairman of Scientific Committee in Field Crops Department.
- Head of the Examination Committee in Field Crops Department.
- Chairman of the committee to follow the fields and agricultural experiments in the Field Crops Department.
- Chairman of the examination committee in the comprehensive exam for doctoral students in the Field Crops Department.
- Chairman of the discussion committee for a number of Masters and PhD students.
- Member of the Scientific Committee in the College of Education for Girls Department of Life Sciences 2018/2019.
- Member of the Scientific Promotions Committee at the Girls College of Education for the year 2018-2019.

Tenth: Conferences, workshops and scientific seminars

- Agricultural Field Day, 15/3/2015.
- Environmental pollution caused by agricultural operations and methods of treatment, 15/12/2015.
- Fifth Agricultural Scientific Conference (The role of modern agricultural techniques in achieving sustainable agricultural development, 12-13 / 4/2017.
- Agricultural scientific research and its role in achieving self-sufficiency of food, 26-27 / 11/2013.
- Environmental pollution in Ramadi city, 18/4/2018.
- Palm dates .. reality and ambition, on 20/3/2018.
- Workshop (application of scientific research portal RESEARCH GATE and Scholar Scholar GOOGLE SCHOLAR and the classification of universities) on 26/3/2018.

- Doping awareness and cognitive failure of university students. Dated 1/11/2018.
- Application of conservation agriculture without tillage for sustainable agricultural development. On 5/12/2018.
- Climate change and its impact on water resources in the Upper Euphrates basin environment, 27/11/2018. (Center for Desert Studies / Anbar University).

Eleven: - The scientific subjects that he studied: -

- Advanced Plant Breeding and Improvement for Master and PhD.
- Advanced quantitative heredity for doctoral students.
- Inheritance of advanced clans for doctoral students.
- Advanced Genetic Analysis for Masters and PhD students.
- Methods of advanced plant breeding for doctoral students.
- Plant genetics.
- Science of legumes and cereals.
- Statistical Science.

Certifications from international journals within the Scubas collections to evaluate scientific research

Journal Name	Search Name
International Journal of Plant Breeding and Crop Science	Study on combining ability and heterosis in maize (<i>Zea mays</i> L.)
International Journal of Plant Breeding and Crop Science	Heterosis evaluation for morphological characters of diallel cross in western Ethiopian origin coffee (<i>Coffea arabica</i> L.)

Prof. Hamdi Jassim Hammadi

Email: hamdi.jasim1234@gmail.com

Telephone 07801789453

College of Education for Girls

Department of Life Sciences