

## C.V



**Name:** Moayad Rajab Abood

**Date of Birth:** 24/3/1957

**Religion:** Moslem

**Martial statues:** Married

**No. of children:** 3

**Specialization:** Agriculture ( Horticulture) Pomology

**Position:** Professor

**Scientific Degree:** Professor

**Work Address:** Department of Horticulture / College of Agriculture /Baghdad

University

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### **First, Scientific Certification:**

<b>Degree science</b>	<b>University</b>	<b>College</b>	<b>Date</b>
<b>B.Sc.</b>	Baghdad	Agriculture	30/6/1978
<b>M.Sc.</b>	Salah al-Din	Agriculture	10/11/1982
<b>Ph.D.</b>	Baghdad	Agriculture	6/12/1998

■ **Second, Career:**

No.	Career	Workplace	From –To
1	Assistant lecturer	Technical Agriculture Institute	4/12/1978 – 3/11/1983
2	Agriculture Engineer	Iraqi Atomic Energy Commission	9/11/1983 -13/7/1988
3	Agriculture Engineer	Ministry of Agriculture	1/8/1988 -4/10/1991
4	Agriculture Engineer	College of Agriculture / Baghdad Uni.	5/10/1991 – up today
5	Assistant lecturer	College of Agriculture / Baghdad Uni.	2/3/1992 – 31/7/1995
6	Lecturer	College of Agriculture / Baghdad Uni.	1/8/1995 – 31/7/1998
7	Assistant Professor	College of Agriculture / Baghdad Uni.	1/8/1998 – 21/4/2008
8	Professor	College of Agriculture / Baghdad Uni.	22/4/2008 – up today

■ **Third, University Teaching.**

No.	University	The (Institute / College)	From –To
1	Technical Institutes Foundation	Technical Agriculture Institute	4/12/1978 – 3/11/1983
2	Baghdad University	College of Agriculture	5/10/1991 – up today

■ **Fourth, position/ professor**

■ **Fifth, Courses Which You Teach:**

No.	Department	Subject	Year
1	Horticulture	Ever green plants	1991 – up today
2	Horticulture	Date palm production	1991 – up today
3	Horticulture	Post harvest physiology	1992
4	Field crops	Fruit production	2004
5	Horticulture	Date palm production/advance	1999 _ up today

6	Horticulture	Ever green plants/advance	1999 _ up today
7	Horticulture	Plant Physiology/advance	2017_ uptoday

■ **Sixth , Thesis which was supervised by :**

No.	Thesis Title	Department	Year
1	Drought tolerance of some evergreen trees in the western desert of Iraq	Horticulture	2001
2	The effect of isolates of <i>Trichoderma spp.</i> On sour orange seeds germination and seedlings growth	Horticulture	2002
3	Effect of gibberellin , liquorice extract and storage temperature on yield and fruits characteristics of date palm Zahdi Cv.	Horticulture	2004
4	Effect of foliar application with Cu and Zn in growth and the gummosis in some citrus rootstocks	Horticulture	2005
5	Effect of using magnetic water in irrigation and foliar application of urea , zinc and iron on growth of Mahaly orange seedlings	Horticulture	2006
6	Effect of spraying GA3 , sorret extract and packing on reducing abscission and fruit quality of Braim date palm cv.	Horticulture	2006
7	Response of two cultivar of date palm to the chemical fertilizer and irrigation methods in Gypsifrios soil	Horticulture	2010
8	Effect of irrigation water salinity in growth of three olive cultivars <i>Olea europaea</i>	Horticulture	2011
9	Response of To Young Trees Cultivars to N.P.K Fertilization and Foliar Application of GA3	Horticulture	2013
10	Studying Sex Determination of Date Palm in Seedlings Stage Using Molecular and Conventional Markers	Horticulture	2015
11	Effect of growth medium spring of salicylic acid and organic nutrient on growth of date palm transplants	Horticulture	2017
12	Effect of organic fertilizers and some nutrients on growth of date palm cv. Barhi	Horticulture	2018
13	Assembling and Testing of a Mechanical Implement For cutting Date Palm Fronds	Horticulture	2019
14	Effect of method culture on somatic embryos production of Dare palm Barhi Cv. Invitro.	Department Horticulture	2020
15	Effect of irrigation intervals rootstock and organic fertilizer on growth of Lemone Cv. Mahali	Department Horticulture	2021
16	Effect of Nano and Non Nano NPK fertilizer on growth of pear Saplings.	Department Horticulture	2021

17	Effect of Boron spray and pollination of Date palm yield and fruits Quality of Date palm Cv. Zahdi	Department Horticulture	2021
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**■ Seventh , Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	4 <sup>th</sup> scientific conference scientific research council	1988	Baghdad	research presentation
2	5 <sup>th</sup> scientific conference scientific research council	1989	Baghdad	research presentation
3	1 <sup>st</sup> scientific conference for agricultural research	1999	Baghdad	Attendants
4	Scientific sym. For tissue culture and hydroponic	2000	Baghdad	research presentation
5	3 <sup>rd</sup> scientific conference for agricultural research	2001	Baghdad	research presentation
6	4 <sup>th</sup> scientific conference for agricultural research	2002	Tikrit	Attendants
7	6 <sup>th</sup> scientific conference for agricultural research	2007	Baghdad	Attendants
8	Training course in a recent methods of administration of date palm orchards / General Board of Date Palm with the cooperation with FAO	2009	Baghdad	research presentation
9	Scientific symposium of citrus in Iraq and causes of deterioration	2010	Baghdad	Attendants
10	UNESCO Qatar Fellowship Program / administered by DAAD , Germany	15/10/2009 - 14/1/2010	Bonn Univ.	research presentation

**■ Eighth , Scientific Activities:**

Within the College	Outside the College
Director of date palm Research Unit from 2004 to 2009	Member of Agriculture Encyclopedia / Date palm
Member of examination committee	



**■ Ninth , Research Projects in The Field of Specialization to**  
**The Environment and Society or the Development of**  
**Education:**

No.	Research Title	Place of Publication	Year
1	Possible uses of gamma radiation in citrus breeding.	Proc.4 <sup>th</sup> .Sci.Conf.Sci.Res.Counc.	1986
2	In vitro breeding of <i>Citrus aurantium</i> rootstock for salt tolerance.	Proc.Sym.Tissue culture and application in Arab country.	1986
3	Evaluation of salt tolerance of two barley mutants Cv. Numar	JAWRR	1987
4	Effect of gamma irradiation and gibberellic acid on seed germination and seedling growth of apple cultivars.	Iraqi.J.Agr.	1988
5	Biological suppression of nitrification by selected cultivars of <i>Helianthus annws</i> .	J.Chem.Ecology	1988
6	Response of two mutants of barley Cv. Arivate to soil salinity.	International conference on plant growth , drought and salinity in	1988
7	Isozyme analysis in <i>Citrus sinensis</i> grown in Iraq	J.Agr.Sci.	1989
8	Effect of pollen irradiation of fruit set , seed formation and germination in apple	Iraqi.Sci.	1989
9	Response of two barley mutants Cv. Arivat to salinity	JAWRR	1989
10	Radio sensitivity of date palm pollen , seed and seedling	International conference on palms and palm products , Benin city ,	1989
11	Comparative study of salt tolerance of four genotypes of barley	J.Iraqi.Bio.Soci.	1989
12	The possible use of pollen irradiation in date palm breeding	Iraqi.j.Agr.Sci.	1995

13	Effect of GA3 and pollen extract on fruit set and seed production of date palm Cvs. Zahdi and Khaustawi	Iraqi.j.Agri.Sci.	1995
14	Effect of paraffin wax emulsion and storage temperatures on mandarin fruits storability local cultivar	Iraqi.j.Agri.Sci.	1995
15	Karyotype studies on different date palm cultivars	Iraqi.j.Agri.Sci.	1995
16	Influence of packages types and storage temperatures on fruit characteristic of grape fruit	Iraqi.j.Agri.Sci.	1998
17	A study on the possibility of sex identification of date palm seedlings stages by electrophoresis of proteins and of gibberelin-Like substances . A-Braim and Zahdi cultivars	Iraqi.j.Agri.Sci.	2000
18	A study on the possibility of sex identification of date palm seedlings stages by electrophoresis of proteins and of gibberelin-Like substances . B-Barhi and Khaustawi cultivars	Iraqi.j.Agri.Sci.	2000
19	Determination of optimal conditions for the extraction of date palm leaf protein	Iraqi.j.Agri.Sci.	2000
20	Utilization of protein band densities in identification of some date palm cultivars	Iraqi.j.Agri.Sci.	2000
21	Seasonal and diurnal changes of leaf water potential of date palm, olive and eucalyptus trees under western desert conditions , IRAQ	Iraqi.j.Agri.Sci.	2003
22	Seasonal changes in some phenotypic and carbohydrates content in leaves of date palm , olive and eucalyptus trees under western desert conditions , IRAQ	Iraqi.j.Agri.Sci.	2003

23	Effect of gibberellin and liquorice extract on fruits physical characteristics of date palm Zahdi Cv.	AL-Anbar.J.Agri.Sci.	2006
24	Effect of gibberellin and liquorice extract on fruits chemical characteristics of date palm Zahdi Cv.	AL-Anbar.J.Agri.Sci.	2006
25	Influence of foliar sprays with copper and zinc on the resistance of citrus rootstocks to gummosis caused by <i>Phytophthora citrophthora</i> .	AL-Anbar.J.Agri.Sci.	2008
26	Response of local orange sapling to irrigation with magnetized water and foliar sprays with some mineral elements.	Iraqi.j.Agri.Sci.	2008
27	Influences of irrigation with magnetized water and foliar fertilization in mineral contents of orange leaves	Iraqi.j.Agri.Sci.	2008
28	Effect of foliar sprays with gibberellin sorrel extract and packing on abscission and fruit quality of date palm Cv. Braim	Iraqi.j.Agri.Sci.	2008
29	Efficiency of <i>Trichoderma spp.</i> Isolates in enhancing seeds germination and seedling growth of sour orange	Iraqi.j.Agri.Sci.	2008
30	Detection of gibberellins and auxins like compounds and the phytohormone ethylene in culture filtrate of three isolates of <i>Trichoderma harzianum</i>	Iraqi.j.Agri.Sci.	2008
31	Survey study of ten rare cultivars of date palm in Basrah city.	Basrah . journal for date palm research.	2009
32	Effect of foliar sprays with copper and zinc in the vegetative characters of citrus rootstocks	AL-Anbar.J.Agri.Sci.	2009

33	Effect of <i>Trichoderma spp.</i> In inoculum levels on sour orange seed germination and seedling growth	AL-Anbar.J.Agri.Sci.	2010
34	Effect of foliar application with Cu and Zn in gummosis of some citrus rootstocks .	Tikrit Uni. J.Agri.Sci.	2011
35	Effect of chemical fertilizers and irrigation methods on vegetative characteristics on date palm offshoots growth planted in gypsiferous soil .	Tikrit Uni. J.Agri.Sci.	2011
36	Effect of chemical fertilizers and irrigation methods in contents nutrient on date palm offshoots growth planted in gypsiferous soil .	Tikrit Uni. J.Agri.Sci.	2011
37	Relation of irrigation water salinity to olive leaves content of proline and Mineral nutrient	Iraqi.j.Agri.Sci.	2011
38	Relation of irrigation water salinity to some vegetative characters of olive .	Iraqi.j.Agri.Sci.	2011
39	Effect of chemical fertilizer and foliar spray of gibberellic acid on mineral element and gibberellin – like substances content on some olive cultivars.	Journal of Karbala University	2013
40	Effect of chemical fertilization and gibberellic acid on the content of some chemical compounds of Nepali and Khudairi cultivars of olive.	Journal of Karbala University	2013
41	Influence of chemical fertilizer and foliar sprays with gibberellic acid on vegetative characters of two olive cultivars .	Egyptian journal of applied sciences	2013
42	Distribution of moisture under drip and surface irrigation of date palm trees grown in gypsiferous soil west of Iraq.	Egyptian journal of applied sciences	2014
43	Recognize the Sex of date palm Using Randomly Amplified Polymorphic DNA (RAPD) and some Traditional and Chemical Methods	Furat. J. Agri. Sci.	2015



44	Effect of Culturing Medium, Salicylic acid and Disper Chlorophyll on some Chemical Characteristics of date palm cv. Barhi Derived from tissue culture	Furat. J. Agri. Sci.	2017
45	Effect of Culturing Medium, Salicylic acid and Disper Chlorophyll on some Vegetative growth characters of date palm cv. Barhi Derived from tissue culture	Furat. J. Agri. Sci.	2017
46	Sex Identification of date palm by using DNA Molecular markers	Iraqi.j.Agri.Sci.	2017
47	Effect of Cutting Angle for a Locally Assembling Motorized Vibration Cutter on Some Operational Used for Date Palm Fronds Cutting	Elixir. Mech. Engg.	2017
48	Effect of Cutting Angle and Knives Type on Some Operational Characteristics for a Locally Manufactured Palm Pruning Motorized Vibration Cutter	J. of Agri. And Veter. Sci.	2017
49	Effect of Knives Type on Some Operational Characteristics for a Locally Assembly Motorized Vibration Cutter Used for Date Palm Fronds Pruning	Inter. J. of envir.,agri. And Biotech. (IJEAB)	2017
50	Influence of some organic fertilizers on Date Palm Cv. Barhi 1. Vegetative growth	Iraqi.j.Agri.Sci.	2018
51	Influence of some organic fertilizers on Date Palm Cv. Barhi 2.Leaves Mineral Content	Iraqi.j.Agri.Sci.	2018
52	Manufa cturing and testing of Date Palm Vibration Motorized Fronds Cutter	Iraqi.j.Agri.Sci.	2018
53	Influence of some factor on somatic embryos induction and germination of date palm cv.Barhi by using cell suspension culture technique	Plant Archives This paper will appear in Vol. 20 No. 1 April , 2020	2019
54	Influence of some Factor on Somatic embryos induction and germination of Date palm cv. Barhi. By using cell Suspension culture technique.	Place of publication plant Archives Vol.20 No, 1,2020 PA. SuS-850	Year 2020

55	Influence of some Factor on Somatic embryos induction and germination of Date palm cv. Barhi. By using cell Suspension culture technique.	Plant Archives Vol. 20, supplement.1,2020.pP 1666_1670	2020
56	Effect of rootstock type, organic fertilizer and irrigation intervals on growth of Mahali Lemon transplant,	Plant Archives Vol. 21, supplement.1,2021.pP 1458_1462	2021
57	Effect of addition Of organic fertilizer and rootstock in Lemon transplant exposed to water stress.	Plant Archives Vol. 21, supplement.1,2021.pP 1463_1469	2021
58	Effect of Nano and Un Nano NPK in growth of pear Seedling 1. Vegetative parameter	Indian J. Ecology 48(14),2021	2021
59	Effect of Nano and Un Nano NPK in growth of pear seedling,	Indian J. Ecology 48(14),2021	2021
60	Effect of Boron spray and pollination methods on zahdi Date palm yield and fruit's quality.	Leaves contact of elem Amals of R.S.C.B., ISSN, 1583_6258, VOL. 25,Issue 6, 2021, pages 10203_10208.	Ends 2021

### **Tenth , Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	Thanks and regards	Iraqi Atomic Energy Commission 2022/832/4861	15/12/1986
2	Thanks and regards	Regional Centre for Research on Date Palm in the Near East and North Africa 44	1/3/1987
3	Regards	Minister of Irrigation and Agriculture 16115	11/6/1990
4	Regards	Dean of college of Agriculture / Baghdad University 4574	5/10/1992
5	Regards	Dean of college of Agriculture / Baghdad University 6030	22/12/1992
6	Regards	Minister of Irrigation and Agriculture 18396	7/9/1992

7	Certificate of Merit	President of Baghdad University	14/9/1995
8	Thanks and regards	President of Baghdad University 239	18/10/1995
9	Thanks and regards	Office of the presidency of the Republic 37725	15/11/1999
10	Upgrade	Office of the presidency of the Republic 265	6/2/2000
11	Thanks and regards	College of Agriculture / Baghdad University 1040	5/6/2000
12	Thanks and regards	Ministry of Agriculture 1996	30/8/2000
13	Thanks and regards	President of Baghdad University 1510	30/1/2001
14	Thanks and regards	Dean of college of Agriculture / Baghdad University 2465	22/9/2002
15	Thanks and regards	Dean of college of Agriculture / Baghdad University 2503	23/9/2002
16	Thanks and regards	Dean of college of Agriculture / Baghdad University 1706	3/9/2003
17	Thanks and regards	Dean of college of Agriculture / Basrah University 7/5/84	28/3/2006
18	Thanks and regards	Dean of Technical college – Al-Musaib 2/11/398	30/3/2006
19	Thanks and regards	Dean of college of Agriculture / Basrah University 7/5/624	17/5/2006
20	Thanks and regards	Dean of college of Agriculture / Basrah University 7/5/520	20/10/2008
21	Thanks and regards	Dean of college of Agriculture / kuffa University 1094	16/4/2009
22	Thanks and regards	Dean of college of Agriculture / Basrah University 7/5/13	22/1/2009
23	Thanks and regards	Dean of college of Agriculture / Basrah University 1680	11/6/2009
24	Certificate of Merit	Ministry of Agriculture	2009
25	Congratulation	Minister of Higher Education and Scientific Research 19942	5/8/2009
26	Thanks and regards	Dean of college of Agriculture / Baghdad University 18	3/1/2010
27	Thanks and regards	Dean of college of Agriculture / Basrah University 2341	5/5/2010
28	Thanks and regards	Dean of college of Agriculture / Baghdad University 184 M	16/5/2010
29	Thanks and regards	Dean of college of Agriculture / Basrah University 3699	26/9/2010

30	Thanks and regards	Dean of college of Agriculture / Basrah University 4224	31/10/2010
31	Certificate of Merit	Association of University lecturers	20/4/2010
32	Thanks and regards	Ministry of Agriculture	14/6/2011
33	Thanks and regards	Dean of Coll. Of Agri./ Baghdad University	12/12/2011
34	Certificate of Merit	Dean of Coll. Of Agri./ Baghdad University	18/11/2012
35	Thanks and regards	Dean of Coll. Of Agri./ Baghdad University	29/11/2012
36	Thanks and regards	Dean of Coll. Of Agri./ Baghdad University	8/10/2013
37	Thanks and regards	Dean of Coll. Of Agri./ Basrah University	24/12/2014
38	Thanks and regards	Barliament Council	17/1/2015
39	Thanks and regards	Dean of Coll. Of Agri./ Basrah University	26/2/2015
40	Certificate of Merit	Dean of Coll. Of Agri./ Baghdad University	10/1/2016
41	Thanks and regards	Dean of Technical Coll.	11/4/2016
42	Certificate of Merit	Dean of Coll. Of Agri./ Baghdad University	22/4/2016
43	Thanks and regards	Dean of Coll. Of Agri./ Deyala University	4/5/2016
44	Thanks and regards	Dean of Coll. Of Agri./ Kuffa University	27/12/2017
45	Thanks and regards	Dean of Coll. Of Agri./ Kuffa University	10/4/2017
46	Thanks and regards	Dean of Coll. Of Agri./ Kuffa University	5/8/2017
47	Thanks and regards	Head of Baghdad University	15/5/2018
48	Thanks and regards	Dean of Coll. Of Agri./ Anbar University	19/9/2018
49	Thanks and regards	Dean of Coll. Of Agri./ Kuffa University	18/10/2018
50	Thanks and regards	Barliament Council	14/4/2019



No.	Scientific Literature Title	Year of The Publication
1	DATE PALM TREE SERVICE TECHNOLOGIES	2018

■ Twelfth, Patent:

NO	Scientific Title	Year
1	Design and Manufacture on Automatic Knife For Date Palm Tree frond Cutting	2018

■ Thirteen, languages:

- ✓ Arabic
- ✓ English

