

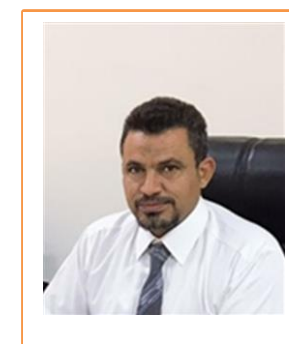


Ministry of Higher Education and Scientific Research _ Diyala University
College of Agriculture / Department of Animal Production
Curriculum Vitae of a faculty member



8*

Full name	Basem Rahem Bader	Sex	male
Date of birth	9/5/1975	Marital status	married
Nationality	IRAQ	Email Address	basemrbader@uodiyala.edu.iq



Second: Academic degree

No	Academic degree	Date
1	Bachelor of Agricultural Sciences	2001
2	Master's degree in Soil and Water Resources Science	2005
3	Ph.D. Soil Fertility	2014

Third: Master's and Doctoral Thesis

Title of Master Thesis	The effect of potassium fertilizer on wheat's tolerance to the salinity of irrigation water in the soil.
Title of PhD Thesis	The effect of the interaction between organic agriculture and water stress on the readiness of some soil nutrients and the growth and yield of potatoes (<i>Solanum tuberosum</i> L.).

Fourth: Scientific Activities

No.	Scientific Activities	Period
1	Professor at the College of Agriculture / University of Diyala - Professor of Soil Fertility	2021-2023
2	Member of the administrative body of the Iraqi Innovation and Creativity Center (Director of Administration)	2016-2023
3	Consultant member of the Agricultural Engineers Syndicate	2001-2023
4	Member of the Soil Science Society	2014-2023

Fifth: Position Held

No.	The Administrative Tasks Assigned to You	Period
1	Head of the Department of Soil Sciences and Water Resources	2015
2	Assistant Dean for Scientific and Student Affairs	2019

3		
4		
5		

Sixth: Number of Committees in Which You Participated : (More than 150 Committees)

The Most Important of which:

1. Chairman of the Chemical and Biological Materials Committee
2. Member of the Quality Assurance Council
3. Member of the College Cooperation Mechanism Committee
4. Member of the Board of Directors of the Higher Education Fund according to Book 308 dated 2/14/2016
- 5.

Seventh: Curriculum Taught

No.	Subject/ Course Name	Stage
1		
2	Soil fertility	4
3	The relationship of soil, water and plants	4
4	Fertilizer technologies	4
5	Soil, water and plant analysis	2
6	Soil principles	1
7	Soil fertility	MASTER
8	Automatic analysis	MASTER
9	Organic farming	MASTER
10	Soil, water and plant analysis	MASTER

Eighth: Supervision of Masters .

No.	Scientific Degree	Student's Name	Thesis's Title
1			
2			
3			
4			
5			
6			
7			
8			

Ninth: : Sixth: Published and Accepted Researches:

1. The effect of potassium fertilization on the tolerance of bread wheat to the salinity of irrigation water, Iraqi Journal of Agricultural Sciences 2006
2. The effect of potassium fertilization and irrigation water quality on wheat yield. Iraqi Journal of Soil Sciences, Volume (7), Issue (1), 2007
3. Interacting effect of organic fertilizer and water stress on some growth and yield traits of potatoes. Diyala Journal of Agricultural Sciences, Volume (6), Issue (2), 2014
4. The effect of organic fertilizer levels and water stress on some soil characteristics. Diyala Journal of Agricultural Sciences, Volume (7), Issue (1), 2015
5. The effect of iron and zinc spraying on some vegetative traits and wheat yield. Research-7
6. Diyala Journal of Agricultural Sciences (Second Scientific Conference for Agricultural Research) 2014
7. The effect of using cabbage on some physiological variables and body composition among pioneering athletes aged (40-45) years The Second International Scientific Conference for Sports Sciences, University of Baghdad 2015
8. Effect of iron and zinc spraying on some wheat components
9. The effect of iron and zinc spraying on yield and some of its components for two wheat varieties
10. The effect of organic and phosphate fertilizers on wheat yield
11. Potassium availability in soil amended with organic matter and phosphorous fertiliser under water stress during maize (*Zea mays* L) growth
BR Bader, SK Taban, AH Fahmi, MA Abood, GJ Hamdi
Journal of the Saudi Society of Agricultural Sciences 20 (6), 390-394
- 12-Effect of foliar application of humic acid and nanocalcium on some growth, production, and photosynthetic pigments of cauliflower (*Brassica oleracea* var. *Botrytis*) planted in ...
AF Rachid, BR Bader, HH Al-Alawy
Plant Archives 20 (1), 32-3
- 13- Effect of water deficit and foliar application of amino acids on growth and yield of eggplant irrigated by two drip systems under greenhouse conditions
BR Bader, MA Abood, SEH Aldulaimy, SMH Al-Mehmdya, GJ Hamdi
Estonian Academic Agricultural Society
- 14-EFFECT OF ORGANIC FERTILIZER LEVELS AND WATER STRESS ON SOME SOIL PROPERTIES.
HK AL-Salmani, BR AL-Bandawy
Diyala Agricultural Sciences Journal 7 (1), 17-28
- 15-Remote sensing techniques and geographic information systems to study soil characteristics in baquba governorate
BR Bader, AB Khalaf

Indian Journal of Ecology 48 (2), 393-397

16- The effect of organic fertilizer and nitrogen fertilizer on the growth of wheat growing in salt soil

HH Al-Alawy, BR Al-Bandawy

Al-Qadisiya Journal for Agricultural Sciences 7 (1)

17-Response of Swiss chard cultivars (*Beta vulgaris* L.) to chelated Iron, nano Iron and *Glomus mosseae*

AF Ali, HA Salim, BR Bader, AH Abed

IOP Conference Series: Earth and Environmental Science 735 (1), 012057

18-Response of onion growth and yield grown in soils of semi-arid regions to foliar application of iron under water stress conditions

LF Gar, BR Bader, JSE Al-Esawi, MA Abood, MO Sallume, GJ Hamdi

Estonian Academic Agricultural Society

19-Effect of bio-fertilizers *Azotobacter chroococcum* and *Azospirillum brasilense* on the growth of vegetative yield of the winter wheat cultivar (Audi) as a fodder crop

AF Ali, MHM Alsaady, HA Salim, BR Bader, AH Abed

International Journal of Agricultural and Statistical Sciences 16 (1), 1749-1753

20-Effect of Anti saline Addition and Humic Acid Spraying on the Vegetative Growth of Cauliflower of Nahar Cultivar

MSK Al-Zubaidi, BR Bader, HRJ Al-Afraji, MA Abood

Journal of Survey in Fisheries Sciences 10 (3S), 1717-1724

21- Effects of Adding Anti-saline and Humic Acid Foliar Spraying on Yield Parameters of Cauliflower (*Brassica oleracea* var. *Botrytis*)

W HASSAN, B BADER

Tekirdağ Ziraat Fakültesi Dergisi 20 (2), 353-360

22- Estimate Salinity of Soils, Some Nutrients Solubility and Their Spatial Distribution in Baqubah City-Diyala-Iraq Using Remote Sensing And GIS.

AH Fahmi, BR Bader

Review of International Geographical Education Online 11 (12)

23- EFFECT OF SOLID AND LIQUID CHELATED IRON ON GROWTH AND YIELD OF BROAD BEAN.

MS Kareem Al-Zubaidi, BR Bader, MA Abood, GJ Hamdi, ...

Agraarteadus 32 (2)

24- The effect of adding solid and chelated liquid iron on the growth and yield of broad bean

MA Abood, GJ Hamdi, BR Bader, HRJ Al-Afraji, MSK Al-Zubaidi

Agraarteadus 32 (2)

25- The effect of adding solid and chelated liquid iron on the growth and yield of broad bean

MSK Al-Zubaidi, BR Bader, MA Abood, GJ Hamdi, HRJ Al-Afraji

Estonian Academic Agricultural Society

26- The effect of adding compound fertilizer of NPK and Humic acid on the availability of NPK soil and cabbage yield. Revis Bionat a 2022; 7 (4) 40

MI Turki, BR Bader

Journal of Physics: Conference Series 1549 (2)

27- Effect of chemical fertilizer and humic acid on cabbage leaves' N, P, K and S concentrations (Brassica oleracea var. capitata L.). Revis Bionat a 2022; 7 (4) 46

MI Turki, BR Bader

Soil Science and Plant Nutrition 19 (3), 660

28- Effect of Interaction between Organic Fertilizer and Phosphorus on Growth of Wheat (Triticum aestivum L.) Under Salt Soil Conditions

BR Al-Bandawy, HH Al-Alawy, AA Al-Hashmyi

ANBAR JOURNAL OF AGRICULTURAL SCIENCES 15 (عدد خاص بالمؤتمر الخامس ج ٢)

29- THE INTERACTIVE EFFECT OF ORGANIC FERTILIZER AND WATER STRESS ON SOME GROWTH PROPERTIES AND YIELD OF POTATO PLANTS.(Solanum tuberosum. L).

HK AL-Salmani, BR AL-Bandawy

Diyala Agricultural Sciences Journal 6 (2), 213-224

Tenth: Number of Training Courses: (More than 20 Training Courses)

The Most Important of which:

- 1. Teaching methods course at Diyala University 2006**
- 2. Computer course at Al-Mustansiriya University 2009**
- 3. Diyala University teaching validity course 2011**
- 4. Language safety course, Diyala University, 2011**
- 5. Diyala University Virtual Library Course 2013**
- 6. TOEFL ITP course at Al-Mustansiriya University 2010**
- 7. IC3 computers course, Al-Mustansiriya University, 2010S**
- 8. Chemical Materials Inventory System Course (Book No. 25B on 2/19/2015 at the University of Technology**

2/23/2015

- 9. Workshops (Biological Safety and Security Workshop) Book No. 22B on 2/17/2015 University of Baghdad 1-3/3/2015**
- 10. Handling of Hazardous Materials Course (Book No. 2315 on 12/10/2015 Chemical Laboratory at Al-Nasr Camp Baghdad International Airport 12-12/17/2015**
- 11. A special course for laboratory accreditation (DZ 2371 on 2/15/2016, Diyala University, College of Science, 2/24-25/2016**

Eleventh : Awards and honors :

- Thankful Documents from Minister of Higher Education &Scientific Research (More than)
- Thankful Documents from president of Diyala University ()
- Thankful Documents from the Dean of College () .
- Summer Training Acknowledgments (Book No. 1737 on 9/23/2010 College of Agriculture, University of Diyala Efforts Made 2010
- To my teacher, thanks and appreciation (Book No. 1902 on 10/12/2010, College of Agriculture, University of Diyala, efforts made 2010
- Training course: Acknowledgments (Book No. 60 on 2/8/2011 Ministry of Agriculture) General Authority for Agricultural Guidance Giving lectures 2011
- Dedication of books of thanks and appreciation (Book No. 363 on 12/27/2011, College of Agriculture, University of Diyala, Distinguished Efforts 2011

- Supervision of books dedicated with thanks and appreciation (Book No. 1066 on 6/26/2013, College of Agriculture, University of Diyala, efforts made 2013
- Preparing and completing the research for the second scientific conference 2012-2013 Acknowledgments (Book No. 1540 on 10/1/2013 College of Agriculture, University of Diyala Efforts made 2013
- Providing water to the Soil Department. Acknowledgments (Book No. 2076 dated 11/26/2014, College of Agriculture, University of Diyala, Self-Efforts 2014
- Installation of the flame extinguisher device in the environmental laboratory of the Department of Life Sciences. Acknowledgments (Book No. 2990 dated 11/27/2014, University of Diyala - College of Science, distinguished efforts made 2014
- To all members of the college, thanks and appreciation (Book No. 2416 on 12/31/2014, College of Agriculture - University of Diyala, efforts made, speed, and dedication in completing the work 2014
- A scientific assessment for examining and evaluating patents in the agricultural field. Acknowledgments (Book No. 29 dated 1/7/2015, College of Agriculture - University of Diyala. A scientific assessment for examining and evaluating patents 2015.
- Assigned Works Acknowledgments (Book No. 463 dated 3/10/2015 College of Agriculture - University of Diyala Examination Committee 2015
- Repairing the distilled water device. Acknowledgments (Book No. 746 on April 19, 2015, College of Agriculture - University of Diyala. Efforts made 2015)
- Holding a scientific exhibition, thanks and appreciation (Book No. 744 on 4/16/2015, College of Agriculture - University of Diyala, efforts made 2015

- Delivering lectures for free without compensation outside the quorum. Acknowledgments (Book No. 1740 on September 26, 2015. College of Agriculture - University of Diyala. Donate to deliver lectures 2015.
- Maintenance of electrical installations on the second floor. Acknowledgments (Book No. 2164 on 11/18/2015, College of Agriculture - University of Diyala, efforts made and donations, 2015)
- Repairing a set of pipes and connecting water tanks belonging to the Soil Department building. Acknowledgments (Book No. 2194 dated 11/19/2015 College of Agriculture - University of Diyala Efforts and donations 2015
- Maintenance and rehabilitation of classrooms and seats. Acknowledgments (Book No. 2270 dated 12/7/2015, College of Agriculture - University of Diyala. Efforts made 2015)
- Operating the laboratory equipment in the laboratories of the Diyala Agriculture Directorate and training the cadres working on it. Thanks and appreciation (Book No. 16/2441 dated 6/17/2015, Diyala Governorate, Governor's Office, efforts made and dedication to work, 2015
- Summer Training Acknowledgments (Book No. 1547 on 9/1/2015 College of Agriculture - University of Diyala Efforts Made 2015
- Obtaining a patent. Acknowledgments (Book No. 2359 on 12/15/2015, College of Agriculture - University of Diyala, Patent
- (Feed pellet durability device) 2015
- Obtaining a patent. Acknowledgments (Book No. 113 on 1/17/2016, College of Agriculture - University of Diyala, Patent

- (Distilled water device based on air cooling using a condenser) 2016
- Participant in the Certificate of Participation Conference, University of Baghdad / College of Physical Education and Sports Sciences, publishing research 2015