

Curriculum Vitae



Name as in passport	Ibraheem Jaddoa Oleiwi Al-Juboory
Common name	Ibrahim J. Al-Jboory
Date and Place of Birth	September 5th, 1953; Refai, Thi-Qar, IRAQ
Nationality	Iraqi
Academic Degree	PhD Entomology - Acarology, Professor
Permanent Address	University of Baghdad, College of Agriculture, Department of Plant Protection, Abu Ghraib, Baghdad, Iraq
Present Address	Taher Mohamed Ad Dabbas Street 20, Rabyia, Amman 11195 Jordan
Email	ijboory@yahoo.com , ijboory@gmail.com
Marital Status	Married, one daughter and son.
Languages	Arabic, English, German.
Websites	www.iraqi-datepalms.net , www.agri-palm.com , www.asplantprotection.org

Diploma

- BSc. The University of Bagdad, College of Agriculture, Plant Protection Department 1972-1976, Plant Protection. Grade very good
- MSc. The University of Baghdad, College of Agriculture, Plant Protection Department 1976-1978, Entomology; Thesis title: "Ecological and Biological Studies of Pomegranate False Spider Mite *Tenuipalus punicae* P. & B. in Central Iraq" Grade "Excellent."
- PhD. Bonn University, College of Agriculture and College of Science 1983-1987, Agricultural Zoology (Acarology), Dissertatation title "Taxonomical Studies of False Spider Mites (Acari: Tenuipalpidae) in Central Iraq" grade "Summa Cum Laude" "Excellent."

Subjects taught by him

1. General Zoology.
2. Agricultural Acarology.
3. Non-Insects Animal Pests.
4. Advanced Acarology.
5. Advanced IPM
6. Pests and their control

Employment

1. Teaching Assistant, Department of Plant Protection, University of Baghdad (UB), Iraq 1980-1983.
2. Manager of Relations and Administrative Services, College of Agriculture, UB, 1981-1983.
3. Postgraduate Student, the University of Bonn, Germany 1983-1987.
4. Deputy Chairman, Plant Protection Department, 1987-1995.
5. Assistant Professor, Plant Prot Dept., College of Agriculture, 1992-2000.
6. Professor, Plant Protection Department, College of Agriculture 2000.
7. Dean Assistant for Administrative Services, College of Agriculture; UB 1995-1997.
8. Chairperson, Department of Plant Protection College of Agriculture, UB. 2000-2004.
9. Retired Professor, University of Baghdad, College of Agriculture, 6/5/2009

Field of Research

- Date Palm Pests and their Control
- Integrated Pest Management (IPM) of date palm, vegetables and orchards
- Biology and Ecology of Agricultural Mites
- Taxonomy of Agricultural Mites with particular interest in Tenuipalpidae
- Chemical and Biological Control of Mites and Insects

International Congresses and Workshops

1. V Int. Congress of Acarology, Michigan, USA, 1978.
2. VI Int. Congress of Acarology, Edinburgh, UK, 1982.
3. VII Int. Congress of Acarology, Bangalore, India, 1986.
4. VIII Int. Congress of Acarology, Ceska Budejovice, Czechoslovakia, 1990.
5. XII International Conference of Acarology, Amsterdam, Holland, 2006.
6. XII International Congress of Acarology, August 23-27, 2010/Recife, Brazil.
7. XIV International Congress of Acarology, July 13th-18, 2014, Kyoto, Japan.
8. XV International Congress of Acarology, September 2-8, 2018, Scientific Committee Member Antalya -Turkey.
9. XVII Int. Congress of Entomology, Hamburg, FRG, 1984.
10. Sixth International IPM Workshop, Geneva 1999.
11. Seventh Conference for Plant Protection Sciences, Arab Society for Plant Protection, Jordan 2000
12. Bio-Safety Workshop (ICARDA) Aleppo, 2000.
13. National Workshop of Ecosystem Based on IPM Program of Date Pests in Gulf Counters, Al-Ain, UAE 2004.
14. ICUP International Conference of Urban Pest, Singapore; July 13th-17, 2005.

15. Integrated Management of Communicable Diseases with Special Focus on Micronair as Advanced Technology, Workshop, Damascus, Syria, November 19-22, 2005.
16. Regional Workshop for Arab states on the Environmentally Sound Destruction of POP and Decontamination of POP Containing waste in the context of the Basel Convention and the Stockholm Convention, IPPC-FAO, Amman, Jordan, August 28th-31, 2005.
17. Third International Conference of Date Palm, Abu-Dhabi, UAE, 2006.
18. International Conference on Date Palm Production and Processing Technology, Oman, May 9-11, 2006.
19. Ninth Conference for Plant Protection Sciences Damascus, Arab Society for Plant Protection, Syria, November 2006.
20. Dubai International Humanitarian Aid and Development Conference and Exhibition, DIHAD, Dubai 2004, 2005, 2006, 2007, 2008 and 2009, 2010, 2011, 2012, 2013, 2014, 2015.
21. IPM Inception Workshop, Rehabilitation of Date Palm Sector of Iraq, FAO-ASPP October 21-22, 2007, National Date Palm Coordinator FAO project.
22. EUROCIDO 8th International Conference and Exhibition for Pest Control, Dortmund, Germany, February 21st-22, 2008.
23. Iraqi Marshlands Initiative, FAO and Ministry of State for the Marshlands, March 10-12, 2009 Joint Programming Strategy for the Development of the Iraqi Marshlands, Validation Workshop, Amman, Jordan.
24. Workshop on Crop Health Management and Food Safety, ASPP May 11-12, 2010 Beirut, Lebanon.
25. Fourth International Date Palm Conference Abu Dhabi, United Arab Emirates 15-17 March 2010.
26. First International Conference of *Tuta absoluta*, Valencia, Spain, March 23-24, 2010. (Phytoma)
27. International Conference, a high-risk pest in urgent need of control red palm weevil (Phytoma) February 8- 9, 2011, Valencia, Spain.
28. Scientific Symposium for Tomato Borer, *Tuta absoluta* on Tomato at MENA region July 19 -21, 2011-Holiday Inn Hotel, Amman/Jordan. Member of Scientific Committee.
29. Participation in the 6th Annual Biocontrol Industry Meeting Lucerne, Switzerland. October 24 -26, 2011.
30. First International Date Palm Symposium, Session Chairperson November 13-14, 2011. Algeria.
31. International Symposium on the Management of *Tuta absoluta* (tomato borer), EPPO/IOBC/FAO/NEPPO, Agadir, Morocco, November 16-18, 2011.
32. Participation in Resistant Pest Management of Vector Symposium November 22-25, 2011. Bayer ES, Turkey.
33. Future IPM in Europe: Pesticide and Risk Reduction. March 19-21, 2013, Riva del Garda, Italy. CIHAM -MAIB network meeting (Strengthening the Surveillance

System of Invasive Fruit Tree Pests in the Mediterranean Region). Submit article (*Bactrocera zonata* (Saunders): a new pest of fruit trees in the Mediterranean region).

34. Fifth International Date Palm Conference, Abu Dhabi UAE March 16-18, 2014.
35. International Phytoma-Spain Encounter on "Ecology and Control of *Drosophila suzukii* after Five Years in our Crops" May 5-6, 2015, Valencia, Spain.
36. XVIII. International Plant Protection Congress. August 24-27, 2015. Berlin, Germany. (The tomato leaf miner, *Tuta absoluta* (Meyrick), pest status and its integrated pest control programs in the Arab region).
37. The 3rd Scientific Symposium of Date Palm Researches. Chairperson, the first session, Dates and Date Palms Units, College of Agriculture, Baghdad University January 10, 2016.
38. Investment Conference of Dates and Date Palm, Muscat-Oman. May 23-25, 2016. Participation in the article: Investment of Nuclear Technology and Integrated Pest Management Elements for Controlling *Ephestia* spp. in the Date Palm Orchards and Date Warehouses in Iraq as a Pattern for Other Countries).
39. International Meeting of Innovative and Sustainable Approaches to Control the Red Palm Weevil (RPW) CIHEAM and FAO. Scientific Committee Member and Article. CIHEAM Bari, October 23-25, 2018.
40. Workshop on "Detection, Epidemiology and Management of the Invasive Pests that Threaten Strategic Agricultural Crops in the Near East and North Africa" November 4-5, 2018, Alexandria, Egypt. ASPP-FAO, Chairing the workshop.
41. Third Mediterranean Days of Citriculture January 21-23, 2019, University of Hassiba Ben Bou Ali, Chlef, in Collaboration with the Agriculture Chamber of Chlef, Algeria.
42. XII International Conference of Arab Beekeepers October 7-9, 2019, Erbil-Iraq.
43. XIX International Plant Protection Congress, IPPC 2019, November 10-14, 2019, Hyderabad, India.
44. Workshop, fall armyworm monitoring, surveillance and management. FAO and Ministry of Environment Water and Agriculture in Saudi Arabia September 9-11, 2019, Taif, Saudi Arabia
45. Workshop, Fall Armyworm monitoring, surveillance and management. Food and Agriculture Organization of the United Nations (FAO) and Ministry of Environment, Water and Agriculture in Abu Dhabi December 14-18, 2019, Abu Dhabi, UAE.
46. Workshop on Detection, Epidemiology and Management of the Invasive Pests Threaten Strategic Agricultural Crops in Lebanon and Syria. January 7-8, 2020, Latakia, Syria. Lecture on Fall Armyworm. ASPP and Tishreen University.
47. Workshop, Management of Red Palm Weevil in Jordan, FAO (TCP/JOR/3705/C3), Some Tools for Integrated Management of the Red Palm Weevil *Rhynchophorus ferrugineus* (Olivier). August 12, 27-28, 29/9/2020.
48. The International Conference of Sustainable Agriculture and its Role in Economic and Human Development. Invasive Pests and Their Risks on Agriculture in the Arab Region. Ibrahim Al-Jboory, Arab Society for Plant Protection, 17-18 Feb. 2021. The University of Basra-UNDP.

49. The International Year of Plant Health Closing Ceremony, Deliver a Lecture on the green pit scale insect, *Palmaspis phoenicis* (Rao, 1921) (= *Asterolecanium phoenicis*) (Homoptera: Asterolecaniidae). FAO-IPPC. July 1, 2021.
50. The Arab Society for Plant Protection and its role in raising awareness for the management of date palms pests. Khalifa International Award for Date Palm and Agricultural Innovation. Abu Dhabi-United Arab Emirates, July 12, 2021
51. The six FAW Regional Virtual Meeting in Near East and North Africa Update on the Global Action for Fall Armyworm Control October 22, 2020. Suggested Proposal for Applying IPM Packages in a Demonstration Field In The NENA Region. Arab Society of Plant Protection (ASPP).

Training Courses and Visits

1. Indian Agricultural Research Institute, New Delhi, by Prof. Dr Swaraj Ghai, 1986.
2. USDA, Maryland, by E. W. Baker 1978 and 1987.
3. Acarology Summer Program, Ohio State University, by D. Johnston, 1987.
4. International General and Applied Acarology Course, Warsaw, Poland, July 1990.
5. Principal researcher with Kuwait University to conduct the Survey of Mites of Kuwait 1990.
6. Three months, Visitor Professor for the University of Aden, Naser College for Agricultural Sciences, Yemen, 1997.
7. Official Delegation visit to the Ministry of Agriculture, representing the Ministry of Higher Education in Iraq, Tunisia, 2002.

International Consultations and participations

1. ICARDA-International Center for Agricultural Research in the Dry Areas, Consultant to provide information and experience on IPM in Iraq, Five working days Feb 2007.
2. IPM Consultant in the Rehabilitation of Date Palm Sector project in Iraq, FAO-Rome, 10/1-9/3/2008 (Specifications).
3. IPM Consultant in Rehabilitation of Date Palm Sector in Iraq, FAO-Rome, 1/4-1/7/2008(Training).
4. Participation in the regional meeting of the Mediterranean countries proposing an IPM program to control RPW. 16-23/5/2008 Bari, Italy
5. Lecture to the postgraduate students on the date palm pests and IPM 21/5/2008 Velinzano, Italy
6. Participation in the final proposal submitted to the EU for adopting the IPM program for RPW in the Mediterranean countries 16-24/9/2008.IAM-Bari, Italy
7. Evaluation committee for 14 MSc student Seminar at IAM-Bari, Italy 22/9/2008 (Master of Science course)
8. Co-advisor in the committee of MSc student sharing with Bari University and IAM-Bari Academic year 2007/2008.
9. Participation in the final exam of 13 first-year MSc students, June 2010 IAM-Bari, Italy

10. Teaching a 12-hour course for 25 students from the Mediterranean and North Africa about Biorational Insecticides used in IPM programs 21-22/9/2010.
11. Online course on IPM of date palm pests in the Middle East region September 13 and November 14, 2010, IAMB Institute, Italy
12. Participation in the final exam of 10 MSc students 12-13 October 2010, IAM-Bari, Italy
13. Participation in the advanced course for 13 master students on Agricultural mite and insect control 13-15 Jan. /2011. IAM-Bari.
14. Join lecture on Pheromone and field visit for fruit orchards from 25 /5- 3/6/2011, IAM-Bari, Italy.
15. Member of the Examining Board for evaluating 13 MSc Students (first year) 21-24/6/2011. Integrated Pest Management of Mediterranean Fruit Trees” - Academic Year 2010-2011.
16. Organic Farming Conference for MENA Region, Holiday Inn Hotel, Jordan 16-17 May 2012.
17. Chairperson, Examining Committee (17) Master Students, 24-30/6/2012, IAM-Bari, Italy.
18. Member of the Examining Board for evaluating (18) master students (Final Exam) 16-19/10/2012. Integrated Pest Management of Mediterranean Fruit Trees” - Academic Year 2011-2012.
19. Participation in the advanced course for 14 master students on Agricultural mite and insect control 20-26 January 2013. IAM-Bari.
20. Official mission to evaluate the pesticide registration program in the Ministry of Agriculture, the Sultanate of Oman. 9-14/3/2013.
21. Consultant for the Dubas bug on the date palm project. In cooperation between TRC-Oman and Real Soft 1/ Jun.-1/ Aug 2013.
22. Chairperson, Examining Committee (14) Master Students, 25-28/6/2013, IAM-Bari, Italy.
23. Online course on the Invasive Fruit Tree Pests Surveillance in the Mediterranean Region, Unit 5: Red Palm Weevil Surveillance and Control. September 23 – November 24, 2013, IAMB Institute, Italy.
24. PhD Exam Committee for five students at Palermo University, Sicily, Italy. 16-19/2/2014.
25. Teaching course for 18 Master of MAI-Bari Programme in “Sustainable IPM Technologies for Mediterranean Fruit and Vegetable Crops (Pests)”- Academic Year 2014-2015. in IPM programs September 17 2014
26. Teaching course for 15 Master students of MAI-Bari Programme in “Sustainable IPM Technologies for Mediterranean Fruit and Vegetable Crops (Pests)”- Academic Year 2015-2016, IPM programs 26-30 Oct.2015.
27. Chairman, final exam committee of 14 second-year Master students 11-12 July 2016, IAM-Bari, Italy.
28. Attend the Scientific Consultation and High-Level Meeting on Red Palm Weevil Management Rome, Italy, 29-31 March 2017. Organized by FAO and CIHEAM, Chairperson of CIHEAM side session (Bionomics-based RPW IPM).

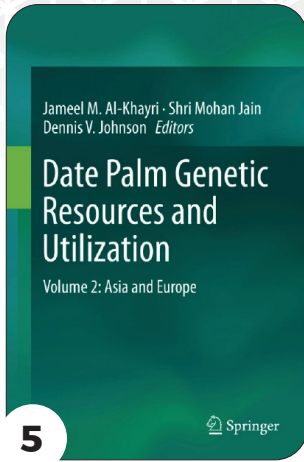
29. Teaching course for 16 Master students of MAI-Bari Program in “Sustainable IPM Technologies for Mediterranean Fruit and Vegetable Crops (Pests)”- Academic Year 2017-2018, IPM programs 23-28 October 2017.
30. Teaching course for 18 Master students of MAI-Bari Program in “Sustainable IPM Technologies for Mediterranean Fruit and Vegetable Crops (Pests)”- Academic Year 2018-2019, IPM programs 16-22 Oct.2018.
31. Teaching course for 15 master students of MAI-Bari Program in “Precision IPM of Fruit and Vegetable Crops (Pests), Academic year 2019-2020.21-26/10/2019.
32. FAO program to train agriculture engineers on facing fall armyworm pests in the Arab region. Submitted lecture on the Biorational Control of Fall Armyworm, 8-12/9/2019 Al-Taif, Saudi Arabia.
33. Lecture at the University of Jordan presented two scientific lectures on pests and their control on 26/11/2019 and 3/12/2019.
34. International and Regional Integrated Pest Management of Fall Armyworm, Date Palm Pests and others since 2019 and continue.FAO-UN
35. **FAO** program for training agriculture engineers on how to face fall armyworm pests in the Arab region. Submitted lecture on the Biorational Control of Fall Armyworm, 14-18/12/2019 Abu Dhabi, UAE.
36. The 4th FAW Virtual Meeting in Near East and North Africa Regional Observations, IPM Tools against Fall Armyworm *Spodoptera frugiperda*. 8/11/2020.
37. The six FAW Regional Virtual Meetings in Near East and North Africa Update on the Global Action for Fall Armyworm Control. A Lecture Topic Suggested Proposal for Applying IPM Packages in a Demonstration Field in the NENA Region. FAO-NENA 22 October 2020.
38. The 8th FAW virtual meeting in the Near East and North Africa Region (Observations on highly infested corn fields by Fall Armyworm *Spodoptera frugiperda* in Jordan), FAO, 23/12/2020.
39. Lecture at the University of Jordan titled: (FAW, from Native to Invasive Pest in more than 65 Countries: Some IPM Tools Used to Suppress its Population *Spodoptera frugiperda*. 7/12/2020).
40. International Specialist on IPM, FAO-EG/FAO-JO, Project Number, TCP/EGY/3706 (Fall Armyworm and TCP/JOR/3705/C3 (Red Palm Weevil) 2020. Lecture (Management of Red Palm Weevil in Jordan (TCP/JOR/3705/C3), 5-8-11/11/2020)
41. The second National Focal Point and the training program of RPW-IPM, lecture (Some tools for Integrated Management of the Red Palm Weevil *Rhynchophorus ferrugineus*. FAO 22/12/2020.
42. Lecturer in the 4th and 5th Jordanian date festival 2022,2023 covered date palm pest and climate change.Jordan.
43. Lecture to the Master students of MAI-Bari Institute on date palm pests and climate changes November 8, 2023, Bari, Italy.
44. Lecturer in Plant Protection Symposium November 23, 2023, on date palm pests and IPM tools.Algeria.
45. Committee member NCPD International Prize Trustees, National Center for Palms and Date (NCPD), Kingdom of Saudi Arabia 2022,2023.

Membership

- 1) International Association for the Plant Protection Sciences/USA 2009.
- 2) AIAEE- Association for the International Agricultural Extension Education 2005-2007.
- 3) Acarological Society of America.
- 4) Systematic and Applied Acarology Society.
- 5) Acarological Society of India (ASI).
- 6) Iraqi Society for Biological Sciences.
- 7) Iraqi Society for Plant Protection (President) 1996- present.
- 8) Iraqi Society for Date Palm, Secretary 2008.
- 9) National Committee for Pesticide Registration and Approval (MOA) (Deputy Chairman). 1997-2003.
- 10) Scientific Committee in the Department of Plant Protection, College of Agriculture, 1997-2002.
- 11) Postgraduate Committee in the Dept of Plant Protection, College of Agriculture 2000-2004.
- 12) Advisory Board, General Body of Plant Protection, Ministry of Agriculture. 1997-2002.
- 13) President, Arab Society for Plant Protection (ASPP) Started from November 2017-2022.
- 14) Member, Executive Committee, Arab Society for Plant Protection 2000-2003 and 2006-2009-2017.
- 15) Bonn University Student Union 1987-present.
- 16) Member of the Arab Science Journalists, Arab Science & Technology Foundation 2008.

Books and related publications

1. Non-Insects Animal Pests and Their Control, 1984.
2. Pesticides Used in Public Health in Iraq, 1997.
3. Pesticides Used in Public Health & Agriculture 2002.
4. Field Manual for Plant Protection Trials (Translation from English to Arabic), 2006.
5. Participation partially in writing a chapter in © Springer Science+Business Media Dordrecht 2015 97 J.M. Al-Khayri et al. (eds.), Date Palm Genetic Resources and Utilization: Volume 2: Asia and Europe, [DOI 10.1007/978-94-017-9707-8_4](https://doi.org/10.1007/978-94-017-9707-8_4)
6. Plant protection challenges in the Arab region: Vision 2050. K. Makkouk, S. Kumari, Ibrahim Al-Jboory and B. Bayaa 2020. (Reprinted by Khalifa International Award For Date Palm And Agricultural Innovation) <https://rb.gy/bpd9ph>
7. The Arab Society for Plant Protection and its role in establishing and spreading awareness of palm pest management. Khalifa Award for Date Palm and Intellectual Research [Date Palm Electronic Library \(ekiaai.com\)](http://DatePalmElectronicLibrary(ekiaai.com)).
8. Fall Armyworm an Alien Invasive Pest Threatens Crops and Food Safety, Ibrahim Al-Jboory, Thaer Yaseen and Maged Elkahky (FAO) 2021. <https://doi.org/10.4060/cb7104ar>



5



6

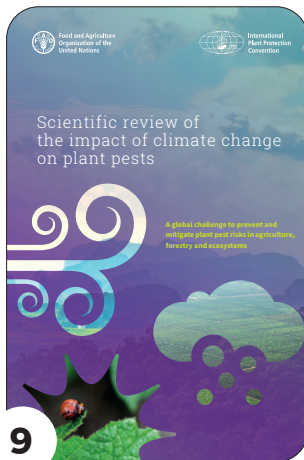


7



8

9. Scientific review of the impact of climate change on plant pests. One of the book authors, Available in six languages on the FAO site <https://doi.org/10.4060/cb4769en>
10. Farmer Field Schools Guide to Managing the Red Palm Weevil in the Near East and North Africa Region. FAO 2023. <https://www.fao.org/documents/card/ar/c/cc5144ar>.
11. The Common Mistakes Increase the Red Palm Weevil and Other Pests (Extension Pictorial Key). FAO 2023. <https://doi.org/10.4060/cc7329ar>
12. Red Palm Weevil General Morphology and Damages on Palm Trees, (Extension Pictorial Key). FAO 2023 <https://doi.org/10.4060/cc8114ar>



9



10



11



12

13. Questions and answers about the use of wet and dry pheromone traps and visual inspection procedures for the red palm weevil. FAO 2024 <https://doi.org/10.4060/cd1712ar> ;
14. Sustainable Practices for Improving the Date Palm Value Chain in Sudan. FAO 2024 <https://doi.org/10.4060/cd0517ar>
15. Farmers' field schools and their role in managing the red palm weevil. FAO 2024 <https://doi.org/10.4060/cd1713ar>
16. Protocols for producing natural enemies and entomopathogenic agents to control fall armyworm in the Near East Region and North Africa. Yaseen, T., Al-Jboory, I., Alkhateeb, N. 2024. <https://doi.org/10.4060/cd0974ar>.
17. Date Palm Pests and their control, Ibrahim Al-Jboory (under editing, in Arabic) 2024.



13



14



15



16

References

1. Prof. Dr. Khaled Makkouk, Ex-ICARDA Scientist, ASPP, Beirut, Lebanon.
2. Prof. Dr. Safaa Kumari, ICARDA, Virologist.
3. Prof. Dr. Thaeer Yaseen, Regional Plant Protection Officer, FAO-RNE.

Private Activities:

- a. Established a Technical Bureau for Agricultural Services, which carried out mainly the following activities: 1988-2004.
 1. Provide consulting services in controlling insect, disease and weed infestations in orchards, glass and plastic houses and others.
 2. Date palm pests identification and management.
 3. Termites and Termite Control.
 4. Hygienic and Medical Entomology Control.
- b. Established Melford Consultants LTD, BVI, Registration number 553700 dated 23/7/2003. Carrying out mainly Agriculture and public health consultations, suppliers, and services example:
 1. Consultations with pesticide companies in the product registration and chemical analysis sector.
 2. Conduct training mainly in Iraq for pesticide companies on promoting new products and in field experiments from A to Z.
 3. Promotion and delivery of biorational and green-listed environmentally sound products (pheromones, traps, natural, safe products etc.) mainly from the UK.
 4. Delivering high-level consultations on strategic projects and prizes.
- c. Developed, sponsored and managed date palm website <http://www.iraqi-datepalms.net>, the first website in the world that deals with date palm production, cultivation and pest control. November 2007.
- d. Develop, sponsor and manage a date palm salon to facilitate discussions between farmers, scientists and skilled people <https://agri-palm.com/>

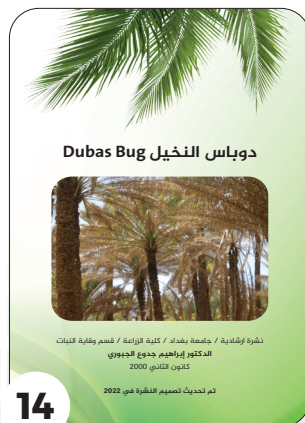
Extension publications, brochures and flyers (in Arabic)

a. Agriculture:

1. Citrus leaf miners, *Phyllocnistis citrella*, 1994.
2. Wheat Sawfly *Cephus pygmaeus* L, 1995.
3. Natural Balance, 1996.
4. Leaf miners, (Diptera: Agromyzidae), 1997.
5. Protection of the environment from pollution, 1997.
6. *Polyphagotarsonemus latus*, new pests on potato, 1997.
7. White Fly, 1997.
8. Tomato pest control protection program, 1998.
9. Date palm dust mite, *Oligonychus afrasiaticus* and their control, 1999.
10. Onion Fly, 2000.
11. Field crickets "Gryllidae", 2000.
12. Cotton pests, 2000.
13. Oil seed rape pests and their control, 2000.
14. Dubas bugs, *Ommatissus lybicus* on date palms, 2000.
15. Educational Watch for cotton pests, 2001
16. Colorado beetle- a new pest to Iraq on potato, 2004.
17. Twenty colored posters on different pests, 1999-2006.
18. The Mediterranean fruit fly, a new disaster pest in citrus and other fruits in Iraq, 2007.
19. Tomato leaf miner *Tuta absoluta* , the Danger comes from South America /July 2009
20. Fall armyworm *Spodoptera frugiperda*, as an invasive pest. Arabic Article 32 pp.2018.
21. Date palm green pit scale insect - libya 2018 <https://iraqi-datepalms.net/?p=6797>
22. Flathead *Sphenoptera servistana* Obenberger is a pest on stone fruit trees in the Orchards in the Baghdad area. 2020. <https://agri-palm.com>
23. Date palm green pit scale insect - Sudan 2021 / FAO <https://www.fao.org/publications/card/en/c/CB5029AR>
24. Fig wax scale *Ceroplastes rusci* (Homoptera:Coccidae) 2023. <https://iraqi-datepalms.net/?p=17060>
25. Date palm Giant mealybugs *Pseudaspido proctus hyphaeniacus* (Homoptera: Monophlebidae) 2023. <https://iraqi-datepalms.net/?p=17131>
26. Date Palm Pests and Diseases 2023 (Pictorial poster delivered to all the Date Palm production countries)



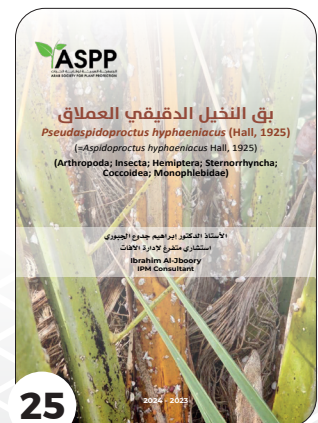
9



14



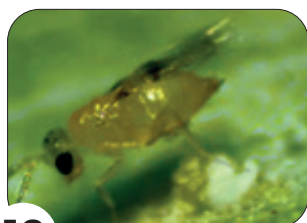
23



25

Recorded new pests in Iraq and other countries

1. *Varroa jacobsoni* on honeybees in Iraq 1986.
2. Potato tuber moth *Phthorimia operculella* 1992.
3. Citrus leaf minor *Phyllocnistis citrella* 1992.
4. Chalk Brood on honeybee brood 1995.
5. Broad mite on Potato *Polyphagotarsonemus latus* 1997.
6. Citrus leaf minor predators and parasites 1998.
7. New record of entomopathogenic nematodes on *Oryctes elegans* 2001.
8. New record of a pathogenic virus on *Oryctes elegans* 2001.
9. New record of a pathogenic virus on long-horned stem borer *Jebuseae hammerschmidt* 2001
10. New parasitoid species on Dubas bug *Pseudoligosita babylonica* 2002.
11. New record of *Steinernema carpocapsa* on apricot borer 2003.
12. First record of date palm leaf spot in Iraq 2003. (Joint research)
13. New record of Colorado beetle on potato *Leptinotarsa decemlineata* 2004.
14. New record of natural enemies on *Tuta absoluta* in Jordan (Joint research)
15. New record of African fig moth on dates in Jordan *Zaprionus indianus* (Joint research)2016.
16. New record of Madera mealybugs in Jordan *Phenacoccus madeirensis* (Joint research) 2019.
17. New record of cotton mealybugs on ornamentals from Saudi Arabia *Phenacoccus solenopsis* (Joint research) 2020.
18. First record of the giant date palm mealybugs from Jordan *Pseudaspido proctus hyphaeniacus* (Joint research)2021.
19. First record of the poplar lace bug *Monostira uncostate* in Jordan (Joint research) 2022.
20. First record of the parasitoid *Cryptochetum jorgiopastori* from Jordan (Joint research)2022.
21. First record of glasshouse leafhoppers *Hauptidia maroccana* from Jordan (Submitted to EPPO Bulletin)2023.



10



15



18



20



b. Public Health:

1. Rodents in Public Health, 1994.
2. Head lice and their control, 1995.
3. Bed bugs and their control, 1995.
4. Scabies, Diagnosis and control, 1996.
5. Roaches, ecology, biology and management, 1996.
6. Hemorrhagic fever, 1998.

Editorial Board

1. Arab Journal for Plant Protection, Lebanon, (Arab Society for Plant Protection).
2. The Iraqi Journal of Agricultural Researches, College of Agriculture.
3. Bulletin of Endemic Diseases, Ministry of Health (MOH), until 2004.
4. Iraqi Journal of Agriculture, Ministry of Agriculture (MOA), until 2004.
5. Journal of Date Palm, Basra University. Until 2006.
6. Year Book, National Committee for Pesticides Registration and Approval (MOA) until 2001.
7. Editor-in-Chief of the Arab Near East Plant Protection Bulletin (ANEPPB) 2014 and continue. <https://asplantprotection.org/en/society-activities/aspp-newsletter/>

Postgraduate supervision

- 16 MSc students
- 5 PhD students

Farmer Field Schools (FFS) activities

As a consultant, lecturer and trainers for farmers, engineers and government staff enhancing farmer's participation and dissemination of Improved RPW and another date palm pests Management Technologies. FAO project

Region	Date	Details	Participating countries
Gulf Region	28 Feb. - 03 March 2022, Riyadh	Training of Farmer Field School facilitators on the management of Red Palm Weevil and other date palm pests	KSA, Kuwait, Oman, UAE
	12 - 15 March 2023, Riyadh	Refresher program for training facilitators of FFS on date palm pest management and red palm weevil control trees in Saudi Arabia	KSA
	8 - 11 May 2023 Abdali	Training of Farmer Field School facilitators on the management of Red Palm Weevil and other date palm pests	Kuwait
	Aug 28 - Sept 1, 2023	Training of farmer field school facilitators on the management of red palm weevil and other date palm pests	UAE

North Africa	20-24 November 2022 Aswan,	Regional Farmers Field Schools Workshop for Red Palm Weevil Management in North African Countries	Algeria, Egypt, Libya, Mauritania, Morocco, Tunisia
	September 18 - 22 2023 Tunisia,	Training of Farmer Field School facilitators on the management of Red Palm Weevil and other date palm pests	Tunisia Libya
Near East	18-20 Sep. 2022, Amman, Jordan	Training of farmer field school facilitators on the management of red palm weevil and other date palm pests	Jordan



Some selected lectures on date palm pests

- Pests and their control, two scientific lectures at the University of Jordan, Plant Protection Department, 26/11/2019 and 3/12/2019.
- The second National Focal Point and the training program of RPW-IPM, lecture (Some tools for Integrated Management of the Red Palm Weevil *Rhynchophorus ferrugineus*. FAO 22/12/2020.
- Failures in the palm pest management. The 3rd Jordanian date festival 2021. Jordan.
- Green pit scale insect , *Palmaspis phoenicis* (Rao,1921) (= *Asterolecanium phoenicis*) (Homoptera: Asterolecaniidae) 2021 FAO – IPPC.
- Invasive Pests and Their Risks on Agriculture in the Arab Region. Basra University – Iraq 17-18-2-2021 .
- Effect of Transboundary Pests on Food Security. Basra University - Iraq 20 -6-2021

- Contributions of the Arab Society for Plant Protection in Promoting the International Year of Plant Health. FAO July 1st,2021.
- The Arab Society for Plant Protection and its role in raising awareness for the management of date palms pests. 12-7-2021, Khalifa International Award For Date Palm and Agricultural Innovation. UAE.
- Why are spider mites not listed as a transboundary pest, although they cause significant damage? Acarology meeting, Egypt, February 11, 2022.
- The Effect of climate change on activities and resurgence of plant pests and its impact on food security. College of Agriculture Scientific and Graduate Day. Jordan University, College of Agriculture 19/5/2022, Jordan.
- Highlights on the most critical date palm pests in Jordan.Special topic Dubas bug as a new invasive broad spread on date palm in Jordan Valley.Ministry of Agriculture, JODA, FAO.June 6, 2023.
- First record of *Cryptochetum jorgepastori* (Cadahia,1984) (Cryptochetidae: Diptera) from Jordan. 7th International. DP Conference, UAE 14-16-3-2022.
- The impact of unstable temperatures and humidity and the exacerbation of palm and other pests during the 2022 and 2023 seasons.IPPC-FAO-MEWA,Buraida,KSA September 3-6,2023.

Food and Agriculture Organization of the United Nations

International Plant Protection Convention

Green pit scale insect, *Palmaspis phoenicis* (Rao, 1921) (= *Asterolecanium phoenicis*) (Homoptera: Asterolecaniidae)

Ibrahim A-Jboory, IPM Consultant, Entomologist
ijboory@gmail.com

الآفات الغازية ومخاطرها على الزراعة في المنطقة العربية
Invasive Pests and Their Risks on Agriculture in The Arab Region

المؤتمر الدولي للزراعة المستدامة
ودورها في التنمية البشرية والإقتصادية
18-17 شباط 2021

إبراهيم الجبوري - بر الجبوري ليهاد ليل
ijboory@gmail.com

منظمة الأغذية والزراعة للأمم المتحدة

ورشة العمل الإقليمية
للتأقافية الدولية لوقاية النباتات
لمنطقة الشرق الأدنى وشمال أفريقيا 2023
الصحة النباتية لحماية البيئة

تأثير عدم استقرار درجات الحرارة والرطوبة
وتفاقم آفات النخيل وأفات أخرى خلال
موسمي 2022 - 2023

إبراهيم الجبوري
مستشار المكافحة المتكاملة للآفات
ijboory@gmail.com

3 - 6 أيلول / سبتمبر 2023 مدينة بريد، منطقة القصيم المملكة العربية السعودية

ASPP
ARAB SOCIETY FOR PLANT PROTECTION

CIHEAM
BARI

Date palm pests
and climate change
November 8, 2023

Ibraheem Al-Juboory
FAORNE Regional IPM Consultant
ijboory@gmail.com
www.Iraqi-datepalms.net

5th Date Palm Festival

Joda

المهرجان الدولي الخامس
للتمر الأردنية 2023
15 - 13 نوفمبر 2023

الآفات التي انتشرت
على النخيل نتيجة التغير المناخي

الأستاذ الدكتور إبراهيم الجبوري
مستشار المكافحة المتكاملة للآفات
ijboory@gmail.com
www.Iraqi-datepalms.net

ASPP
ARAB SOCIETY FOR PLANT PROTECTION

FIRST INTERNATIONAL PLANT PROTECTION SYMPOSIUM

آفات النخيل المهمة
وبعض المعالجات لإدارتها

Date palm pests
and some IPM tools to manage them
November 21-23, 2023

إبراهيم الجبوري
مستشار المكافحة المتكاملة للآفات
Ibraheem Al-Juboory, PhD
FAO Regional Consultant
ijboory@gmail.com
www.Iraqi-datepalms.net

- Date palm pests and climate changes. Master students MAI-Bari Institute November 8, 2023, Bari, Italy.
- Highlights on the date palm pests and some IPM tools to manage them. 1st International Webinar: Biodiversity Roles in Plant Protection in Arid Regions (BRPP-AR), October 18-19, 2023 Biskra, Algeria.
- Pests that have spread on date palm trees as a result of climate change in Jordan. The 5th Jordanian date festival November 13-15, 2023.
- Date palm pests and some IPM tools to manage them Plant Protection Symposium November 23, 2023, on. Algeria.

Publications

1. A.A. Ali., **I.J. Al-Jboory** and W.A. Al-Mashadany. 2000. The Integration of sticky yellow traps and IGR Trigard 75 WG against Leaf miner *Liriomyza bryoniae* (Kalt.). (Agromyzida: Diptera). Iraqi. J. Agric., 5(3). (In Arabic).
2. Abdallah, S.A., **I.J. Al-Jboory**, A.S. Ali. And E.T. Yousif. 2001. Susceptibility of some wheat varieties to the infestation with the soft Scale insect *Exaeretopus tritici* (Williams) (Coccidae: Homoptera) and its control by using Cruiser insecticide as a seed treatment in Nenawa province (Iraqi). Arab J. pl. Prot., 19 (2): 113-118. (In Arabic).
3. Abdel-Razak, A.S., **I.J. Al-Jboory** and A-S.A. Ali. 2007. The effect of the biological insecticide Agreeen and some growth inhibitors against *Earias insulana* Boisd (Noctuidae: Lepidoptera) and natural enemies in the cotton field. Iraqi J. Agric. Sc., 38(6): 86-97. (In Arabic).
4. Abdel-Razak, A.S., **I.J. Al-Jboory** and A-S.A. Ali. 2008. Relative susceptibility of some cotton cultivars grown in Iraq to infestation and their influence on some biological aspects of *Earias insulana* Boisd. (Lepidoptera: Noctuidae). Arab J. Pl. Prot. 26(2):148-156. (In Arabic).
5. Abdel-Razak, A.S., **I.J. Al-Jboory** and A-S.A. Ali. 2007. Seasonal occurrence of spiny bollworm *Earias insulana* Boisd (Lepidoptera: Noctuidae) in the Middle of Iraq. Iraqi J. Agric. Sc., 12 (4). (In Arabic).
6. Abdel-Razak, A-S.A. Ali and **I.J. Al-Jboory**. 2007. The Biological Performance of Spiny Boll Worm on Three Natural Diets. Iraqi Journal of Agricultural Sciences, 38 (6): 98-103.
7. Abdullah, S.I. and **I.J. Al-Jboory**. 2006. Efficacy of Actara (Thiamethoxam) insecticide against soft-scale insect *Exaeretopus tritici* (Williams) with particular reference to its effect on the productivity of wheat and barley. Arab J. Pl. Prot. 24: 89-92.
8. **Al-Jboory, I. J.**, 1989. Some ecological aspects of the pomegranate false spider mite, *Tenuipalpus punicae*. (Acari: Tenuipalpidae) in Iraq. Progress in Acarology. 2: 73-79.
9. **Al-Jboory, I. J.**, F.M. Aziz and Q.K. Zoien. 1998. Effect of insect growth inhibitor Lufenuron (Match) on *Ephestia cautella* (Walk) (Pyralidae: Lepidoptera) under laboratory conditions. Arab J. Pl. Prot., 16 (2): 81-58. (In Arabic).
10. **Al-Jboory, I. J.**, 1991. Biology of the oriental red spider mite *Eutetranychus orientalis* (Klein), on different citrus species. Mod. Acarology Vol. 2.

11. **Al-Jboory, Ibrahim J.**, Mohammad S. Abdul-Rassoul, Seba J.Saleh. 2004. New record of some biological enemies of citrus leaf miner *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) in Iraq. Bull. Iraq Nat. Hist. Mus., 10(2).
12. Al-Ani, L.K. and **I. Al-Jboory**. 2008. Effect of different temperatures on the biology of broad mite *Polyphagotarsonemus latus* (Banks) on potato under laboratory conditions. Arab J. Pl. Prot., 26 (2): 95-101. (In Arabic).
13. Alawamleh, Amani, Ahmad Katbeh-Bader, Nayem Hassan, **Ibrahim Al-Jboory**. 2016. Distribution and Host Range of the African Fig Fly *Zaprionus indianus* (Diptera: Drosophilidae) in Jordan. Jordan Journal of Agricultural Sciences, 12(2).
14. **Al-Jboory Ibrahim** and Al-Houty Wasmia. 1990. Redescription of *Colopalpus eriophyoides* (Baker) (Acari: Tenuipalpidae). Bull. Iraq. Nat. Hist. Mus. 8 (3): 35-43.
15. **Al-Jboory, I. J.**, R.A.S. Jmaidah and L.K. Khalaf. 2011. The use of biological assay to assay the efficacy of some selected acaricides against Two-Spotted spider mite *Tetranychus urticae* Koch, on The Cotton Plants. Iraqi J.Agric. Res. (Special Issue) 16(3).
16. **Al-Jboory, I.** 2006. Politics and Pesticides Resistant Management in Iraq, Resistant Pest Management Newsletter, 16 (1). <http://whalalonlab.mus.edu/rpmnews/>.
17. **Al-Jboory, I.** and Al-Haidari, H. 1989. Studies on some factors affecting the pomegranate false spider mite *Tenuipalpus punicae* (Acari. Tenuipalpidae) in Iraq. Progress in Acarology 2: 67-72.
18. **Al-Jboory, I. J.**, R. E. Jamidah, and A. I. Al-Sammari. 2007. Cross-resistance of a bromopropylate resistant strain of *Tetranychus urticae* (Acari: Tetranychidae). Acarology XI: Proceedings of the International Congress. México, pp517-520.
19. **Al-Jboory, I. J.**, R.E. Jumida, and A.I. Al-Sammari. 2004. Cross-resistance of bromopropylate in the two-spotted spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae). Univ. Aden J. Nat. and Appl. Sc., 8(3), December. (In Arabic).
20. **Al-Jboory, I. J.**, W. A. Al-Mashhadany and A. A. Ali. 2005. Biology of tomato leaf miner *Liriomyza bryoniae* (Kalt.) (Diptera: Agromyzidae) under different temperature regimes. Arab J. Pl. Prot. 23: 7-13.
21. **Al-Jboory, I.** 1987. Taxonomic studies of false spider mites (Acari: Tenuipalpidae) in Central Iraq. Dissertation, Bonn University, Germany. Inst. fuer Angewandte Zoologie; Rheinische Friedrich-Wilhelms-Univ.
22. **Al-Jboory, I.J.**, Adnan I. Al-Sammraie, Jamal. F. Wehaib, Nasser A. Al-Jamaly and Saba J.Saleh 1999. Chemical control of Old-World Date Bug *Ommatissus binotatus* de Berg using Basudin 600 EW. Iraqi. J. Agric., 4 (1):1-10. Arabic.
23. **Al-Jboory, I.J.**, Aziz, F.M. and Awad, H.I. 2001. Biology of *Colaphellus sophiae* (Schall) (Coleoptera: Chrysomelidae) on different hosts under laboratory conditions. Iraqi J. Agric., 6 (1): 100-109. Arabic.
24. **Al-Jboory, I.J.**, NS. Tewag, S. A. Al-Jumali and M. M. Alwan 2002. Production of biopesticide from the vaccine of the fungus *Beauveria bassiana* isolated from longhorn date palm stem borers. Basra J. Date Palm Researches 2 (1 and 2). (In Arabic).

25. **Al-Jboory, I.J.** 2000. Biology of Fertilized and non - fertilized broad mite females *Polyphagotarsonemus latus* (Banks) (Tarsonemidae: Acari) under different temperatures. Iraqi J. Agric., 5 (7): 100-105. (In Arabic).
26. **Al-Jboory, I.J.** and Al-Sweedy, T.M. 2006. Age-specific fecundity schedules and life tables of *Tenuipalpus punicae* P. and B. (Acari: Tenuipalpidae), Univ. Aden J. Nat. and Appl. Sc., 10(2). (In Arabic).
27. **Al-Jboory, I.J.** and R.E. Jumida. 2005. Characteristics of resistance of the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) to bromopropylate. Arab J. Pl. Prot., 23(2). (In Arabic).
28. **Al-Jboory, I.J.** and Radi F. Al-Jasani 2003. Biology and control of harlequin bug *Bagrada hilaris* (Burm) (Hemiptera: Pentatomidae) on rapeseed (Canola.) Iraqi. J. Agricultural Science, 4 (2). (In Arabic).
29. **Al-Jboory, I.J.**, A.I. Alsammari, J.F. Whaib and W.A. Ahmed. 2001. Evaluation of thiamethoxan in different application techniques to control Dubas bugs *Ommatissus binotatus lybicus* De Berg. Arab. J. pl. Prot., 19 (2): 107-112. (In Arabic).
30. **Al-Jboory, I.J.**, R. F. Hamoody, N. A. Al-Jamali, K. K. Zoein and H. A. Taha. 1999. Indirect effect of insecticides against Dubas Bugs and date lesser moth on the citrus leaf miner and oriental citrus mite. Iraqi J. Agric., 4 (4). (In Arabic).
31. **Al-Jboory, I.J.**, R.A.S. Jmaidah, L.K. Khalaf, 2011. The use of biological assay to assay the efficacy of some selected acaricides against two-spotted spider mite *Tetranychus urticae* Koch, on the cotton plants, Iraqi Journal of Agriculture proceedings of 8th Scientific Conference for Agricultural Research, 16(3).
32. **Al-Jboory, I.J.**, R.E. Jumida and A. I. Al-Sammari. 2004. Effect of consecutive and alternate application in developing Bromopropylate resistance in the two-spotted spider mite *Tetranychus urticae* Koch in the field. Aden J. Nat. and Appl. Sc. , 8 (3). (In Arabic).
33. **Al-Jboory, I.J.**; Abid, M.K.; El-Haidari, H.S. 1984. Some Aspects of the Biology of *Tenuipalpus punicae* P. & B. (Acariformes: Tenuipalpidae) under constant temperature and relative humidity. Acarology VI, 2:781-784.
34. **Al-Jboory, Ibrahim** and Ismail A. AlZubaii. 2006. New record of Entomopathogenic nematode from Iraq. Arab J. Pl. Prot., 24(1): 56 (in Arabic).
35. **Al-Jboory, Ibrahim J.** and Ahmad Katbeh-Bader. 2012. First Record of *Zaprionus indianus* (Gupta, 1970) (Drosophilidae: Diptera) in Jordan. World Applied Sciences Journal. 19 (3): 413-417.
36. **Al-Jboory, Ibrahim J.** and Hashim I. Awad. 1999. Bioassay and evaluation of some acaricides against Ghobar mite *Oligonychus afrasiaticus* on date palm. Iraqi. J. Agric., 4 (1). (In Arabic).
37. **Al-Jboory, I. J.** and Salieh, Hussam Eldeen A.M. 2002. New record of pathogenic virus isolated from longhorn date palm stem borer *Jebuseae hammerschmidtii*. Basra J. Date Palm Researches, 2 (1 & 2), 2002. (In Arabic).
38. **Al-Jboory, Ibrahim J.** and Seba J. Salih 2002. Identification of the parasite *Megaselia* sp. (Diptera: Phoridae) for the first time from Longhorn date palm stem borer *Jebuseae hammerschmidtii* Reiche (Coleoptera: Cerambycidae). Iraqi J. of Agric. Sc. 33 (4). (In Arabic).

39. **AL-Jboory, Ibrahim J.** and Seba J.Saleh.2001. Survey and identification of mites inhabiting **date palm** trees in Iraq with some observations on parasitism efficacy of Diplogynid mites on **date palm** borers. Basra J. Date Palm Researches, (1) 2. (In Arabic).
40. **Al-Jboory, Ibrahim J.,** Ahmad Katbeh- Bader and Al-Zaidi Shaki.2012. First observation and identification of some natural enemies collected from heavily infested tomatoes by *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) in Jordan. World Applied Sciences Journal 17 (5): 589-592.
41. **Al-Jboory, Ibrahim J.,** Ismail, A. Ismail and Sendab S.Al-dahwe. 2006. Evaluation of two isolates of *Beauveria bassiana* (Bals.) Vuill. Against some insects and mites and testing the efficiency of some culture media. Univ. Aden J. Nat. and Appl. Sc., 10 (1). (In Arabic).
42. **Al-Jboory, Ibrahim J.**2007. Survey and identification of the biotic factors in the Date Palm environment and its application for designing IPM-Program of Date Palm pests in Iraq. Univ. Aden J.Nat. and Appl. Sc., 11(3). (In Arabic).
43. **Al-Jboory, Ibrahim J.** 2013. Peach Fruit Fly, *Bactrocera zonata* (Saunders): the coming Danger to the Mediterranean fruit trees, how serious this pest and how to minimise their impact. Future IPM in Europe, Meeting of the CIHEAM Mediterranean Network on IPM, Strengthening the Surveillance System of Invasive Fruit Tree Pests in the Mediterranean Region, 19-21/3/2013-Riva del Garda, Italy.
44. **Al-Jboory, I.** and Gianetti, M.1991.Oriental citrus mite *Eutetranychus orientalis* (Klein), as seen by scanning electron microscopy. Mod. Acarology Vol. 2.
45. **Al-Jboory, I. J.,** and Seba J. Saleh.2001. New record of entomopathogenic nematode isolated from longhorn stem borers and stalk borers in Iraq. Basra J. **Date Palm** Researchers, 1(1): 38-45. (in Arabic).
46. **Al-Jboory, I.J.** and Taha. M. Alsuaidi.2010.Effect of different temperatures on the biology of old world date mite, *Oligonychus afrasiaticus* (McGregor). In Trends in Acarology M.W. Sabelis & J. Bruin. P: 361-363.
47. Al-Jorany, Redha Segub, **Ibrahim Jadou Al-Jboory** and Nayem Hassan.2015. Evaluation of the sex pheromone efficiency of the lesser date moth, *Batrachedra amydraula* Meyrick (Lepidoptera: Batrachedridae), in Baghdad, Iraq. Journal of Life Sciences9 .
48. **Al-Juboory, I. J.,** A. N. Al-Khalidy and R. F. Al-Jassany. 2003. Influence of temperature on some biological aspects of oriental yellow scale insect *Aonidiella orientalis* (Newstead) (Homoptera: Diaspididae). Iraqi. J. Agric. Sc., 8 (3), (In Arabic).
49. Alrubeai, F. Hussain, **Ibrahim J. Al-Jboory** and Zainab A. H. Ali. 2000. Biological performance of castor bean worm *Phycita diaphana* Stgr. under laboratory and field conditions. Iraqi. J. Sciences, 40(4), 1999. (In Arabic).
50. Alrubeai, F. Hussain, **Ibrahim J. Al-Jboory** and Zainab A. H. Ali. 2000. Population Fluctuation and heat accumulation of *Phycita diaphana* Stgr. (Lepidoptera: Pyralidae). Iraqi J. Science. , 41 (1). (In Arabic).
51. Al-Rubeai, H.F, **I.J. Al-Jboory**, H.A.H. Salman, B. Hasoon and N.Jabo.1999. Efficacy of some insecticides and plant extracts of citrus leafminer *Phyllocnistis citrella* Stainton. Iraqi. J. Agric., 4 (1). Arabic.

52. Al-Sweedy, T.M., **I.J. Al-Jboory**, T.R. Ahmad. 2006. Age-specific fecundity of old world data mite *Oligonychus afrasiaticus* (McGregor) (Acari: Tetranychidae). Arab J. Pl. Prot., 24 (1) 24: 14-19. (In Arabic).
53. Al-Sweedy, Taha M., T.R. Ahmad and **I.J. Al-Jboory**. 2010. Determination of the threshold temperature and heat accumulation of the old world data mite *Oligonychus afrasiaticus* (McGregor) (Acari: Tetranychidae). Karbala University.
54. Al-Tai, S. A. H.F. Alrubeai and **I.J. Al-Jboory**. 2004. Host preference of *Trichogramma embryophagum* Htg. (Hymenoptera: Trichogrammatidae) on the *Ephestia callidella* Guenee and *Ephestia cautella* (Walk.) Arab J. Pl. Prot., 22(2): 118-121. (In Arabic).
55. Al-Tai, S.A., H.F, Alrubeai, **I.J. Al-Jboory**, S.A. Khlaywi, M.W. Khdair. 2005. The efficiency of the egg parasitoid, *Trichogramma embryophagum* Htg. in controlling the date fruit moth *Ephestia cautella* under the experimental storage conditions. Arab J. Pl. Prot. 23(2):107-111. (In Arabic).
56. Al-Taweel, A.A.; Hameed, A.A., **Al-Jboory, I.J.** 2016. Investment of Nuclear Technology and Integrated Pest Management Elements for Controlling *Ephestia* spp. in the Date Palm Orchards and Date Warehouses in Iraq as a Pattern for Other Countries) in the Investment Conference of Dates and Date Palm, Muscat-Oman. 23-25/5/2016.
57. Al-Taweel, A.A; **Al-Jboory, I.J.**; Hameed, A.A.; Balasem, H.S.; Al-Gharbawi, Z.A.; Eass, A.J.; Eliewi, R.K.; Raja, F.A. and Hussain, H.A. 2014. Using Egg Parasitoid *Trichogramma evanescens* and Pheromone Traps in Date Palm Orchards and Date Warehouses to Control *Ephestia* spp. Proceeding of the 5th International **Date Palm** Conference 16-18/3/2014, pp 319-325. Abu Dhabi, UAE.
58. Al-Taweel, Ayad A, **Ibrahim J Al-Jboory** and Asaad A. Hameed. 2016. Implementation of nuclear technology, Inesfly paint and some integrated pest management elements for controlling *Ephestia* spp. in date palm orchards and date warehouses in Iraq. Journal of Entomology and Zoology Studies; 4(5): 783-787.
59. Al-Zubaidi, M. and **Ibrahim Al-Jboory**. 1988. New Record of *Varroa jacobsoni* Oud. On honeybees' *Apis mellifera* L. for Iraq. Bull. Iraq. Nat. Hist. Mus. 8 (1): 125-129.
60. Bashomaila, Salem Mohammed; **Ibrahim Jadou Al-Jboory** and Abdulla Omer Madi. 2014. Field Efficacy of Biorational Pesticide Fytomax N against Dubas Bug *Ommatissus lybicus* De Berg. (Homoptera: Tropiduchidae) in autumn and spring Generation, Proceedings of the Fifth International Date Palm Conference 16-18/3/2014. Emirates Palace-Abu Dhabi, UAE.
61. Gullino, Maria Lodovica, Ramon Albajes, **Ibrahim Al-Jboory**, Francislene Angelotti, Subrata Chakraborty, Karen A. Garrett , Brett Phillip Hurley , Peter Juroszek, Ralf Lopian, Khaled Makkouk, Xubin Pan, Massimo Pugliese, and Tannecia Stephenson. 2022. Climate Change and Pathways Used by Pests as Challenges to Plant Health in Agriculture and Forestry. Sustainability, 14, 12421. <https://doi.org/10.3390/su141912421>
62. Hama, N.N., A.S. Abdel Razaq and **I.J. Jboory**. 2000. Resistance mechanism of oriental citrus mite *Eutetranychus orientalis* (Klein) (Acarina: Tetranychidae) Iraqi. J. Agric., 5 (3). (In Arabic).
63. Hameed, A, A.; A, A, Al-Taweel; **I. J. Al-Jboory** and Sh. M. AL-Zaidl. 2011. Using the

Parasitoid, *Baracon hebetor* Say., and the Pheromone Traps to Control the Moth Insects, *Ephestia* spp. In Dates Stores in Iraq. Proceeding of 3th Arab Conference of Applied Biological Pest Control, Cairo, Egypt, 10-12 October 2011. Egyptian Journal of Biological Pest Control, 21(2), 377-384. (Arabic).

64. Hameed, A.A, Al-Taweel, A.A, **Al-Jboory**, Al-Zaidi, S.M. and Hassan, M.N. 2012. Dismate PE: a Mating disruption system for controlling *Ephestia* spp in date warehouses in Iraq. International pest control, 54 (3): 162. (Article).
65. Hameed, A.A, Al-Taweel, A.A, **Al-Jboory**, Al-Zaidi, S.M. and Hassan, M.N.2012. Using the organic insecticide Fytomax N (Azadirachtin 1% & neem oil) for controlling *Ephestia* spp. in date orchards in Iraq. International pest control, 54 (2):105. (Article)
66. Hameed, Asaad, Ayad Al-Taweel, **Ibrahim Al-Jboory**, Bassem Hamad, Ali Yass, Hutham Balasim, Rasha Alrubeai, Warid Abdalla, Fathi Rajaa. 2016. Potential Study of Biological Control Agents and Pheromone Traps for the Control of *Ephestia* spp. in Date Warehouses of Two Provinces in Iraq. Int. J. Entomol. Res. 04 (01).01-07.
67. Hassan, B.H., **I.J. Aljboory**, H.F. Alrubeai, A.H. Selman and M.Z. Khalaf. 2014. The efficacy of the organic insecticide Fytoclean 40SL against the nymphs and adults of Dubas bug *Ommatissus lybicus* De berg. Arab Journal of Plant Protection, 32(1): 52-56.
68. Al-Shamsy, B.H., I. J. Al-Jboory and H.F.Al-Rubae 2002. Observation on the Dubas bug parasitoid *Oligosita* sp. Al-Basra Journal for Date Palm Researches Vol. 2(1 and 2).
69. Hassan, Basim H., **Ibrahim Al-Jboory** and Husein F. Al-Rubei.2003. *Pseudoligosita babylonica* n.sp. (Hymenoptera: Trichogrammatidae), egg parasitoid of *Ommatissus lybicus* Bergevin (Homoptera: Tropiduchidae) in Iraq. Boll. Lab. Ent. agr. Filippo Silvestri 59:75-78.
70. Jaafar, N, A., **I.J.Al-Jboory** and F.H. Al-Sahaf. 2011. Biological efficacy of *Citrullus colocynthis* L. seed oil against different stages of the two-spotted spider mite, *Tetranychus urticae* Koch. Arab Journal of Plant Protection, 29(2):187-191.
71. Juber, K, S, **I. J. Al-Juboory** and H.H. I.J.Al-Juboory.2003. First record of leaf spot disease of **date palm** in Iraq. Iraqi. J. Agric. Sc., 34(3): 167-172. (In Arabic).
72. Juber, K.S., H.H. Al-Juboory, **I.J Al-Jboory**.2005. Detection of date palm decline pathogens in Ain Al-Tamer-Karbala province. Iraqi J. Agric. Sc.36 (5): 103-110. (In Arabic).
73. Katbeh Bader, Ahmad and **Ibrahim Al-Jboory**.2022. First Record of the Poplar Lace Bug, *Monosteira unicastata* (Mulsant & Rey, 1852) (Hemiptera: Tingidae), from Jordan. Jordan Journal of Natural History, 9 (2).
74. Katbeh Bader, Ahmad and **Ibrahim J. Al-Jboory**. 2022. First Record of the parasitoid *Cryptochetum jorgepastori* (Cadahia, 1984) (Cryptochetidae: Diptera) from Jordan, EPPO Bulletin; 00:1-5. <https://doi.org/10.1111/epp.12864>
75. Katbeh Bader, Ahmad and **Ibrahim Al-Jboory**. 2021. First Record of the Giant Date Palm mealybug, *Pseudaspido proctus hyphaeniacus* (Hall 1925) (Hemiptera: Monophlebidae), from Jordan. EPPO Bulletin 00:1-5. <https://doi.org/10.1111/epp.12800>

76. Katbeh-Bader, A and **I. J. Al-Jboory**.2020. First Record of Cotton mealybug, *Phenacoccus solenopsis* Tinsley1898 (Hemiptera: Pseudococcidae), from Saudi Arabia A. Bulletin OEPP/EPPO Bulletin 0 (0), 1-4. <https://doi.org/10.1111/epp.12674>
77. Katbeh-Bader, A., **I. J. Al-Jboory** and M. Bora Kaydan. 2019. First Record of the Madeira Mealybug, *Phenacoccus madeirensis* Green (Hemiptera: Pseudococcidae), in Jordan. Bulletin OEPP/EPPO Bulletin, 49 (2), 401-404. <https://doi.org/10.1111/epp.12579>
78. Katbeh-Bader, Ahmed, **Ibrahim Al-Jboory**, Setan Al-Serhan, Mansour Shkerat and Heba Obeidat.2020. First Record of the Fall Armyworm, *Spodoptera frugiperda*, in Jordan. ANEPPNEL 81 December.
79. Katbeh-Bader, A., **I. J. Al-Jboory** 2024. First record of Glasshouse leafhopper, *Hauptidia (Hauptidia) maroccana* (Melichar, 1907) (Hemiptera: Cicadellidae), from Jordan. Bulletin OEPP/EPPO Bulletin, 54 (1): 104-107. <https://doi.org/10.1111/epp.12996>
80. Katbeh-Bader, Ahmed,, **I. AL-Jboory** , T. Yassen. 2024. NATURAL ENEMIES OF THE FALL ARMY WORM SPODOPTERA FRUGIPERDA (LEPIDOPTERA: NOCTUIDAE) IN JORDAN AND PALESTINE. Proceedings of the XV International Scientific Agricultural Symposium "Agrosym 2024" PP 561 - 566. <https://shorturl.at/zQc8M>
81. Khalaf, M.Z and **I.J. Al-Jboory**.2020. Morphological characteristics of the flat-headed tree borer *Sphenoptera servistana* Obenberger, 1929 life stages in the habitat of stone fruit orchards in central Iraq. Arab Journal of Plant Protection, 38(4): 281-288.
82. Khalaf, Mohammed Z. **Ibrahim J. Al-Jboory**, Ahmed M. Tariq and Adnan H. Salman.2020. Effect of the Mexican Black Scale, *Saissetia miranda* (Hemiptera: Coccoidea: Coccidae) in Iraqi Agroecosystem. Biochem. Cell. Arch. 20, 1. DOI:[10.35124/bca.2020.20.1.1485](https://doi.org/10.35124/bca.2020.20.1.1485)
83. Khalaf, Mohammed Zaidan and **Ibrahim Jaddoa Al-Jboory**. 2020. Biology, Damage Assessment and Susceptibility of some Stone Fruit Trees to Infestation by the Flatheaded Tree Borer, *Sphenoptera servistana* Obenberger (Coleoptera: Buprestidae). Iraqi J. Agric. Res.25, December 1, <https://www.iasj.net/iasj/article/219785>
84. Khlaywi, S.A., H.F Alrubaei, **I.J. Al-Jboory** and Sh. A. Al-Tai. 2006. Laboratory evaluation for the efficacy of two isolates of *Beauveria bassiana* on parasitising third and fourth instars larvae of the *Cydia pomonella* (L.). Arab J. Pl. Prot., 24(2):102-106. (In Arabic).
85. Lahouf, A.A., T.M.M. El-Seweydi and **I.J. Al-Jboory**. 2018. The first Record of the Eucalyptus gall wasp *Ophelimus maskelli* (Ashmead) in Karbala province, Iraq. Arab Journal of Plant Protection, 36(2): 123-125. <http://dx.doi.org/10.22268/AJPP-036.2.123125>
86. Manea, A. O., Baidaa. G.Ofi, M. A. Fayyadh, **Ibrahim J. Al-jboory**, Hajra Azeem. 2022. Effect of different concentrations of neem oil on damping-off and root rot disease of okra and tomato caused by *Fusarium solani*. International Journal of Aquatic Science, 13, 1.
87. Porcelli, F., **I. Al-Jboory** and H.Y.A. Raheem. 2012. Key Factors in Red palm Weevil Biology (*Rhynchophorus ferrugineus*) (Curculionidae) Proc.XXVIIth IHC-IS on the challenge for a Sustainable Production, Protection and Consumption of Mediterranean Fruit and Nuts, Eds.: A.M.D'Onghia et al. Acta Hort. 940, ISHS.

88. Qasqas, R., Katbeh-Bader, A., Frasheri, D., **Al-Jboory, I.**, Hassan, S. 2024 Screening Cactus Varieties Resistant to Cochineal Scale, *Dactylopius opuntiae* (Cockerell) (Hemiptera: Dactylopiidae) in Jordan. Jordan Journal of Natural History, 11 (1): 43-50. 2024.
89. Sahin Ince , F. Porcelli and **I. Al-Jboory**. 2011. Egg laying and egg laying behaviour of Red palm Weevil, *Rhynchophorus ferrugineus* (Olivier) 1790 (Coleoptera: Curculionidae). Agriculture and Biology Journal of North America. 2 (11):1368-1374.
90. Salieh, Hussam Eldeen A.M. and **Ibrahim J. AL-Jboory**. 2001. New Record of Oryctes like virus from **Date Palm** Fruit Stalk Borer *Oryctes elegans* from Iraq. Basra Date Palm Research Journal, 1, No.2.
91. Tariq, A.M., **I.J. Al-Jboory**, A.S. Ali and M.A. Al-Izzi. 1998. Influence of IGI-Match on potato tuber moth *Phthorimaea operculella* (Zell) (Gellechiidae: Lepidoptera) under Laboratory, field and storage conditions. IPA.J. of Agric. Res. 8 (1). (In Arabic).
92. Tariq, A.M., **I.J. Al-Jboory**, A.S. Ali and M.A. Al-Izzi. 1999. Effects of IGI-Match on corn stem borer *Sesamia cretica* Led. (Lepidoptera: Phalaenidae) under laboratory and field conditions Arab J. Pl. Prot., 17 (1): 1-8.(In Arabic).
93. Zappala, Lucia, Antonio Biondi, Alberto Alma, **Ibrahim J. Al-Jboory**, Judit Arno`, Ahmet Bayram, Anai`s Chailleux, Ashraf El-Arnaouty, Dan Gerling, Yamina Guenaoui, Liora Shaltiel-Harpaz, Gaetano Siscaro, Menelaos Stavrinides, Luciana Tavella, Rosa Vercher Aznar, Alberto Urbaneja, Nicolas Desneux.2013. Natural Enemies of the South American moth (Tomato borer), *Tuta absoluta* (Meyrick, 1917), (Lepidoptera: Gelechiidae) in Europe, North Africa and the Middle East. and their potential use in pest control strategies, J Pest Sci. 86:635–647. DOI:[10.1007/s10340-013-0531-9](https://doi.org/10.1007/s10340-013-0531-9)
94. Anatomical damages of citrus leaf miner *Phyllocnistis citrella* Stainton on *Citrus aurantifolia* L. Ibn AL-Haitham J. pure & app. Sci., 12(3), 1999. (In Arabic).
95. Application of mineral oils and insecticides to control mealybug and oriental mites on citrus and lace bugs on apples. Iraqi. J. of Agric. Sc., 34(6), 2003. (In Arabic).
96. Drift characteristics of different pesticides viscosity of Helicopter Mi- 2. Iraqi. J. Agric. Sc., 33 (3), 2002. (In Arabic).
97. Effect of Fenitrothion on the biology of two strains of oriental citrus mite *Eutetranychus orientalis* (Acari: Tetranychidae) Ibn AL-Haitham J. pure. & app. sci. 2002. (In Arabic).
98. Effect of Nitrogen fertilizer on the biology of oriental citrus mite *Eutetranychus orientalis* (Klein), (Tetranychidae: Acariformes). J. Ibn AL- Haitham pure and app. Sci. Vol. 6 (1), 1995. (In Arabic).
99. Effect of soil type on the efficacy of Nuvacron and Tamaron against *Tetranychus atlanticus* (Acarina: Tetranychidae).Iraqi J. Agric. Vol. 8 (3), 2003. (In Arabic).
100. Efficacy of some insect growth regulators and insecticides to control white flies in open fields and greenhouses. Ibn AL-Haitham J. pure & app. Sci, 12 (1), 1999. (In Arabic).
101. Efficacy of Trigard 75 WG and some insecticides in controlling the tomato leaf miner *Liriomyza bryoniae* (Kalt.) (Agromyzidae: Diptera). Iraqi. J. Agric. Sciences, 31 (2), 2000. (In Arabic).

102. Evaluation of some insecticides to control dubas Bugs *Ommatissus binotatus lybicus* De Berg by using the aerial application. Iraqi. J. of Agric. Sc. 33(6), 2002. (In Arabic).
103. Fly control program at Rustamia sewage treatment plant in Baghdad. Ibn AL-Haitham J. pure & app. Sci., 13 (2), 2000. (In Arabic).
104. Influence of temperature regimes (*Earias insulana* Boisd) on adult development in spring. Iraqi Journal of Agriculture, 13 (1):1-9, 2008.
105. Laboratory and field evaluation of some mineral oils and insecticides to control lace bugs *Stephanites pyri* (Fabr.). Ibn AL- Haitham J. pure & app. sci., 13 (2), 2000. (In Arabic).
106. Mass rearing of yellow scale insects *Anoidiella orientalis* ((Newstead) t) on different potato varieties. Iraqi J. Agric. Sc., 33 (4), 2002. (In Arabic).
107. Performance of Micronair AU 5000 Atomizer of the aerial spraying system of Helicopter Mi -2 by using different pesticide viscosity. Iraqi. J. Agric. Vol. 32 (3), 2001. (In Arabic).
108. Pheromone trap catch and its relation to field infestation by the cotton spiny bollworm *Earias insulana* Boisd. (Noctuidae: Lepidoptera) with reference to the distribution of natural enemies. Iraqi J. Agric. Sc., 12 (3), 2007. (In Arabic).
109. Population fluctuation of oriental yellow scale on sour orange *Aonidiella orientalis* (Newst) (Homoptera: Diaspididae) and its control. Iraqi. J. Agric. Sc., 33(4), 2002. (In Arabic).
110. Preference of oriental yellow scale *Aonidiella orientalis* (Newst.) (Homoptera: Diaspididae) on citrus species. Iraqi. J. of Agric. Science, 8 (2), 2003. (In Arabic).
111. Seasonal occurrence of oriental yellow scale *Aonidiella orientalis* (Newts). (Homoptera: Diaspididae) on sour orange trees. Iraqi. J. Agric. Sc., 9 (1), 2004. (In Arabic).
112. Seasonal occurrence of oriental yellow scale *Aonidiella orientalis* (Newst.) (Homoptera: Diaspididae) on potato varieties. Iraqi. J. Agric. Sc. 33 (4), 2002. (In Arabic).
113. Studies on some biological aspects, host preference and occurrence of tomato leaf miner *Liriomyza blyoniae* (Kalt.) (Diptera: Agromyzide) IPA. J. Agric. Res., 10 (1), 2000. (In Arabic).
114. The effect of different diets on the biology of potato tuber worm *Phthorimaea operculella* (Zell) (Gellechiidae :Lepidoptera). Iraqi J. Agric. Sci. Vol. 26 (1), 1995. (In Arabic).
115. The role of pheromones for field control of codling moth. *Cydia pomonella* (L) (Lepidoptera: Tortricidae). Iraqi J. Agric. Sc., 4(2), 2003 (In Arabic).



ديوان الرئاسة
PRESIDENTIAL COURT



جائزة خليفة الدولية
لنخيل التمر والابتكار الزراعي

Khalifa Int. Award for Date Palm and Agricultural Innovation

16



جائزة خليفة الدولية لنخيل التمر والابتكار الزراعي
KHALIFA INTERNATIONAL AWARD FOR DATE PALM
AND AGRICULTURAL INNOVATION

جائزة خليفة الدولية لنخيل التمر والابتكار الزراعي Khalifa Int. Award for Date Palm and Agricultural Innovation

الفائزون في الدورة السادسة عشرة 2024 Winners 16th Session

Influential Figure in the Field
of Date Palm and Agricultural
Innovation Category



فئة الشخصية المتميزة
في مجال النخيل والتمر
والابتكار الزراعي



أ.د. إبراهيم جدوع عليوي الجبوري
جمهورية العراق

Prof. Ibraheem Jaddoa Olelwi Al Juboori, PhD
Republic of Iraq

[f](#) [X](#) [yt](#) [in](#) [@kiaaiae](#) [www.kiaai.ae](#)

MISSION

Stimulating Original & Impactful Research to Accelerate Innovations for Sustainable and Safe Production of Dates, an Extra-ordinary fruit, to Revolutionize the Sector through Value-added Healthy, Nutritive and Innovative Food Products

CERTIFICATE OF APPRECIATION



TO
PROF. DR. IBRAHEEM JADDOA OLEIWI
AL-JUBOORI

IRAQ

This is to certify that Prof. Dr. IBRAHEEM JADDOA OLEIWI AL-JUBOORI has been honored with the NCPD International Prize Trustees Award in acknowledgment of his exceptional dedication, leadership, and exemplary service in the role of trustee. This prestigious award is presented in recognition of his unwavering commitment to the NCPD International Prize and support in advancing its mission and goals.

AS Member

NCPD INTERNATIONAL PRIZE TRUSTEES

For The Year
2023



Dec 06, 2023



MISSION

Stimulating
Original &
Impactful Research
to Accelerate
Innovations for
Sustainable and
Safe Production of
Dates, an Extra-
ordinary fruit, to
Revolutionize the
Sector through
Value-added
Healthy, Nutritive
and Innovative
Food Products

The Secretariat of the National Center for
Palms & Dates International Prize

Presents this



CERTIFICATE

OF APPRECIATION

To

**PROF. DR. IBRAHEEM JADDOA OLEIWI AL-
JUBOORI – IRAQ**

This is to certify that Prof. Dr. Ibraheem Al-Juboori 'has been honored with the NCPD International Prize Member Board of Trustees Award in acknowledgment of his exceptional dedication, leadership, and exemplary service in the role of trustee. This prestigious award is presented in recognition of his unwavering commitment to the NCPD International Prize and support in advancing its mission and goals.

as

Member

NCPD INTERNATIONAL PRIZE BOARD OF TRUSTEES

For The Year

2024

جائزة المركز الوطني
للنخيل والتمر الدولية
NCPD International Prize



November 20, 2024