

Curriculum Vitae

Fatemeh Yarahmadi, Ph.D.

Female



Date of Birth: 22/05/1979

Iranian

Address

Home address:

Ahvaz, Khuzestan province, Iran

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Department of Plant Protection, Faculty of Agriculture, Agricultural Sciences and Natural Resources University of Khuzestan, Ahvaz, Khuzestan province, Iran. Postal Code: 6341773637. Email: yarahmadi@ramin.ac.ir

Education

BSc	Shahid Chamran Uni., Ahvaz, Iran	Plant protection
MSc	Shahid Chamran Uni., Ahvaz, Iran	Agricultural entomology
PhD	Shahid Chamran Uni., Ahvaz, Iran	Agricultural entomology (insecticide toxicology; IPM)

Reward

Scholarship ministry of science, research and technology of Iran	2004
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Work Experience

Faculty member and researcher	Agricultural Sciences and Natural Resources University of Khuzestan-From 2008
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Teaching Experience

Assistant professor in Agricultural Sciences and Natural Resources University of Khuzestan	2008-2016
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Associate professor in Agricultural Sciences and
Natural Resources University of Khuzestan

2016-2023

Professor (full) in Agricultural Sciences and Natural
Resources University of Khuzestan

From 2023

Teaching Courses at Agricultural Sciences and Natural Resources University of Khuzestan

Insecticide toxicology	BSc level
Stored product pests	BSc level
Entomology	BSc level
Pollinator insects and bee keeping	BSc level
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Insecticide toxicology	MSc level
Insect morphology	MSc level

Research Experience

ACECR	(2005-2007)
Agricultural Sciences and Natural Resources University of Khuzestan	From 2008

Additional Information

Computing Skills:	SPSS, SAS, Polo Plus, Two-sex life table, Sigma plot
Personal skills:	Insect rearing (Trichogramma spp., Braconidae, Anthocoridae and etc.) Bioassays

Reviewer

International Journals	Florida Entomologist International Journal of Tropical Insect Science Egyptian Journal of Biological Pest Control
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Journal of Agricultural Science and Technology

International Journal of Pest Management

Sugar Tech

Journal of Plant Protection Research

Journal of Entomological Society of Iran

Biologia

Plant Protection

Applied Research in Plant Protection

Journal of Entomological Research

Journal of Plant Pest Research

National Journals

Patent

Yarahmadi, Fatemeh, and Ali Rajabpour. "Organic fertilizer composition from camellia sinensis extract for pest control and a method of synthesizing the same." U.S. Patent Application No. 14/733,970.

Editorial board

Journal of Entomological Society of Iran (WOS, Scopus) (associated editor)

Journal of Plant Disease and Protection, Springer (JCR, WOS, Scopus) (associated editor)

Books

Yarahmadi, F. 2022. Study of pesticides in integrated pest management. Agricultural Sciences and Natural Researches University of Khuzestan. (In Persian). (ISBN: 978-622-92780-2-4).

Rajabpour, A. and Yarahmadi, F. 2024. Decision system in agricultural pest management. Springer Nature. (ISBN: 978-981-97-1505-3).

Yarahmadi, F. and Rajabpour, A. 2024. Introduction of important storage pests (methods of prevention and control). Agricultural Sciences and Natural Researches University of Khuzestan. (In Persian). (ISBN: 978-622-90702-1-5).

Yarahmadi, F. and Rajabpour, A. 2024. Encyclopedia of pesticide toxicology (biochemistry, bioassay, applications and ecotoxicological effects). Agricultural Sciences and Natural Researches University of Khuzestan. (In Persian). (ISBN: 978-622-90702-2-2).

Book chapters

Yarahmadi, F., Rajabpour, A. 2024. Insecticides and Natural Enemies: Applications in Integrated Pest

Management Programs—Challenges, Criteria, and Evaluation for Recommendations. In: Kumar, S. (Ed.) Insecticides in Pest Control - Impact, Challenges and Strategies. IntechOpen, London, United Kingdom.

Rajabpour, A., **Yarahmadi, F.** 2024. Potential Effects of Climate Change on Plant-Insect Cascades in Agroecosystems: Implications for Food Security. In: Ali, J., Tonga, A., Ashraf, N. (Eds): Insect-Plant Interactions Exploring Nature's Intricate Relationships. APP and CRC Press. (Under publishing).

Yarahmadi, F., Rajabpour, A. 2024. Induced Plant Defenses against Insect Herbivores VI: From Lab to Field - Bridging the Gap in Pest Management Applications. In: Ali, J., Tonga, A., Ashraf, N. (Eds): Insect-Plant Interactions Exploring Nature's Intricate Relationships. APP and CRC Press. (Under publishing).

Gene/sequence records

GenBank: MT130431.1 (recorded in NCBI)

GenBank: MT130430.1 (recorded in NCBI)

GenBank: MT130432.1 (recorded in NCBI)

GenBank: MT130433.1 (recorded in NCBI)

GenBank: PP177577 (recorded in NCBI)

GenBank: PP177579 (recorded in NCBI)

GenBank: PP177578 (recorded in NCBI)

GenBank: PP177576 (recorded in NCBI)

GenBank: PP177575 (recorded in NCBI)

GenBank: PP177574 (recorded in NCBI)

The completed research projects

1. Investigating the effects of common pesticides on the black bean aphid, *Aphis fabae*, and its natural enemies under field conditions

Executors: **Fatemeh Yarahmadi** and Ali Rajabpour.

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan (ASNRUKH), Bavi, Iran

Project completion time: 03 - 07 – 2012 (Certification code in Research deputy of ASNRUKH (901/17).

2- Study of seasonal variations in the population of the black bean aphid, *Aphis fabae*, and its natural enemies in the fields

Executors: **Fatemeh Yarahmadi** and Ali Rajabpour.

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran
Project completion time: 27 - 5 – 2012 (Certification code in Research deputy of ASNRUKH (901/43).

3- Identification and classification of common pests, diseases, and weeds in the green spaces of Ahvaz

Executors: Ali Rajabpour and **Fatemeh Yarahmadi**

Funder organization: Academic Center for Education, Culture and Research of Iran (ACECR)

Project completion time: 22 - 07 – 2011 (Certification code in Research deputy of ASNRUKH (901/57).
(Certification code in Research deputy of ACECR (S/92/50/2311-Date: 26 - 01 - 2014).

4- Sequential sampling with fixed precision of aphids in wheat fields in Ahvaz

Executors: Leila Ramezani, Ali Rajabpour, Nooshin Zandi-Sohani and **Fatemeh Yarahmadi**

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran

Project completion time: 22 - 07 – 2011 (Certification code in Research deputy of ASNRUKH (911/2).

5- Evaluation of different insecticides for use in toxic bait against *Microcerotermes diversus* in the green spaces of Ahvaz.

Executors: **Fatemeh Yarahmadi**

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran

Project completion time: 8 - 1 - 2022 (Certification code in Research deputy of ASNRUKH (1/411/836).

6- Sustainable and low-risk chemical control of cotton mealybug in the green spaces of Ahvaz.

Executors: **Fatemeh Yarahmadi**

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran

Project completion time: 24 - 10 - 2018 (Certification code in Research deputy of ASNRUKH (1/411/564).

7- The effect of some botanical and chemical insecticides on the population of tomato fruitworm, *Helicoverpa armigera* (Hübner).

Executors: Nooshin Zandi-Sohani and **Fatemeh Yarahmadi**

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran

Project completion time: 28 - 10 - 2019 (Certification code in Research deputy of ASNRUKH (1/411/771).

8- Field study on the efficacy of some low-risk pesticides for controlling the citrus oriental mite, *Eotetranychus orientalis* (Tetranychidae; Acari), in urban green spaces of Ahvaz.

Executors: **Fatemeh Yarahmadi**

Funder organization: Agricultural Sciences and Natural Resources University of Khuzestan, Bavi, Iran

Project completion time: 26 - 12 - 2022 (Certification code in Research deputy of ASNRUKH (1/411/745).

Other publication information

Google scholar: <https://scholar.google.com/citations?user=Q1Xwg-YAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55037480200>

ORCID: <https://orcid.org/0000-0002-8206-4715>

ResearchGate: https://www.researchgate.net/profile/Fatemeh-Yarahmadi?ev=brs_overview