



CURRICULUM VITAE

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Academic qualifications

PhD: University of Tehran, Ecology and biological control, 2014-2019

MSc: Tarbiat Modares University, Agricultural Entomology, 2003- 2006

BSc: The University of Guilan, Plant protection, 1998-2002

Research interests:

Pest of pulses

Insect chemical ecology

Selected research projects:

-Host preference of Asian citrus psyllid and population dynamism on different plant in Kerman, Hormozgan and Sistan o Baluchestan

-Study the effects of spraying & rotation on the chickpea cutworms *Agrotis* spp. damage in in Markazi, Kordestan and Kermanshah provinces Studies on effect of insecticides Chlorpyrifus Tebufenoside and Fipronil on *Agrotis segetum*.

- Studies on effect of new insectide Lufenuron(Flaglu EC5%) on *Heliothis virescens* Hufn in farm

-Evaluation of mating disruption for controlling the leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae)by ZEUTEK commercial product in the Iranian walnut orchards

- Investigation on abundance and population fluctuations of chickpea pod borer species in chickpea farms of Iran west region using phero-traps
- Efficiency of Cyromazine (Cyroguard WP75%) insecticide on leaf miner , in chickpea field
- Efficiency of Lancer (acephate DF 97%) insecticide on Aphids, in Bean field
- Investigation on abundance and population fluctuations of chickpea pod borer species in chickpea farms of Iran west region using phero-traps
- Effectiveness of new insecticide, Fluxametamide (EC 10%) against, *Thrips tabaci* Lind in the greenhouse
- Effectiveness of new insecticide, Tetraniliprole(Vayego SC 200) against tomato leaf miner
- To investigate the efficacy of the insecticide, Emamectin benzoate+ Acetamipride against *Aphis gossypii* (Hemiptera: Aphididae) and determination of its residue levels on greenhouse cucumber
- Effectiveness of new insecticide chlorantraniliprole WG35% against tomato leaf miner, *Tuta absoluta* and its Side Effects on Some natural enemies
- Identification of bean pods borer species and studying the effects of varieties and sowing dates on its damage in crop conditions

Selected publications:

Journals papers

Shafaghi, F. Kamali, K. & Fathipour, Y.(2013). Determination of thermal requirements and population growth parameters of *Oryzaephilus surinamensis*(L.) (Coleoptera: Silvanidae) on different wheat varieties in laboratory conditions. Plant Pest Research. Vol 3. No 2.

Shafaghi, F. Golmohammadi, GH. Ranjbar, S.Khosravi, M.& Asgari, M.(2013). Host preference and population dynamism of Asian citrus psyllid *Diaphorina citri* (Hemiptera:Psyllidae) on Citrus in three provinces of southern Iran. Plant Pest Research. Vol 3.

Khosravi, M.& Shafaghi, F.(2013). Studies on population dynamics and identification of fruit flies (Diptera: Tephritidae) on Mango and Guava in Baluchestan. Plant Pest Research.

Shafaghi, F. Golmohammadi. Modarres, S.S and Abbas Khanizad.(2015). Studies on Effect of Insecticides Tebufenozide(Mimic® SC 20), Emmamectin benzoate(Emamectin® SG 5) Indoxacarb (Avaunt® EC 15) and Fipronil+Hexaflumuron (EC 5)on *Agrotis segetum*.Pesticides in plant protection Sciences(2):1:52-59.

Shafaghi, F. Golmohammadi. G. H. Khanizad, A. and Tohidi, M. T.(2015). Evaluation of a New Insecticide lufenuron (EC% 5) for Chickpea Field Pod Borer, *Heliothis virescens* Hufn Control. Pesticides in plant protection Sciences, 3(2):145-153.

Shafaghi, F. Avand-Faghieh, A. Jafar lou, M. Farhangi, S. V. and Shahsavari, R. (2016).Mating disruption for controlling the leopard moth, *Zeuzera pyrina* L. (Lep.: Cossidae) by ZEUTEC commercial product in the walnut orchards . Journal of Entomological,9(2):185-195.

Shafaghi, F. Goldansaz, H. and Avand-Faghieh, A.(2018). Olfactory responses of parasitoid *wasp Habrobracon hebetor* to volatile compounds of host insect and pomegranate fruit under laboratory conditions. Entomology and Phytopathology, 86(1): 91-102.

Khanizad, A. Shafaghi, F. Khalil Aria, A. Tohidi, M. T. Ghorbani, R. and Sadari, S. A. (2019). Investigation on abundance and population frequency of chickpea pod borer species in chickpea farms of Iran west region using phero-traps. Dryland Pulses, 1(1): 54-63.

Shafaghi, F., Tohidi, M.T., Ashtari, S. and Ghorbani, R.2019. Efficiency of Acephate (Lancer® DF 97%) Insecticide on Aphids, in Bean Field. Pesticides in Plant Protection Sciences, 7(2): 166-174.

Pezhman, H. Saeidi, K. Shafaghi, F. Bagheri, A. N. and Fasihi, T. 2020. Comparison the efficacy of spinosad with conventional insecticides against *Helicoverpa armigera* in field condition. *Mun Ent. Zool.* 15(2):377-386.

Shafaghi, F., Avand-Faghieh, A. and Goldansaz, S. H. 2020. Olfactory responses of *Habrobracon hebetor* (Hymenoptera: Braconidae) to carob moth, *Ectomyelois ceratoniae* (Lepidoptera: Pyralidae) and its host plant . Journal of Entomological Society of Iran. 40 (3), 277–293.

Conference papers:

Shafaghi F., Fathipour Y., Kamali K .2009. Life table parameters and thermal requirements of *Oryzaephilus surinamensis* (Coleoptera: Silvanidae) on different wheat cultivars IOBC/WPRS (OILB/SROP) Working Group on “Integrated Protection of Stored Products”.

Shafaghi, F. Kamali, K. & Fathipour, Y.(2006). The effect of light regimes on some life parameters of sawtoothed grain beetle *Oryzaephilus surinamensis*. 2nd Iranian congress on medical entomology & vector control.

Shafaghi, F. Kamali, K. & Fathipour, Y.(2006). The effect of temperature and wheat variety on growth and development of sawtoothed grain beetle. 2nd Iranian congress on medical entomology & vector control.

Shafaghi, F. Kamali, K. & Fathipour, Y.(2010). Biology, Thermal requirements and population growth parameters of *Oryzaephilus surinamensis* on different wheat varieties. 19th Iranian Plant Protection Congress.

Shafaghi, F. Modarres, S.S. & Golmohammadi, GH.(2012). Study the effects of poison bait (carbaryl) on chickpea cutworms *Agrotis* spp. Damage. Abstracts of the 4th Iranian pulse crops symposium.

Shafaghi, F. Golmohammadi, GH. Ranjbar & S.Khosravi. (2012). Host plants preference of Asian citrus psyllid and population dynamism on different plant in Kerman and Sistan o Baluchestan. 20th Iranian Plant Protection Congress.

Shafaghi, F. Golmohammadi, GH. Modarres, S.S. & Abbas Khanizad.(2014). Study the effects of spraying & rotation on the chickpea cutworms *Agrotis* spp. Damage in Markazi and Kordestan manshah provinces. Abstracts of the 5th Iranian pulse crops symposium

Khanizad, A Shafaghi, F & Golmohammadi, G.H. (2014). Study of effect of spraying and rotation on the chickpea cutworms *Agrotis segetum* Damage in, Kurdistan province . 21th Iranian Plant Protection Congress

Khanizad, A Shafaghi, F & Golmohammadi, G.H. (2014). Effect of insecticides Tebufenozide, Emmamectin benzoate, Indoxacarb and Fipronil+Hexaflumuron on *Agrotis segetum*. . 21th Iranian Plant Protection Congress.

Shafaghi, F. Avand-Faghih, A. Jafar lou, M. Farhangi, S. V. and Shahsavari, R.(2016). Evaluation of mating disruption for controlling the leopard moth, *Zeuzera*

pyrina L. (Lep.: Cossidae) by ZEUTEC commercial product in the Iranian walnut orchards. 22nd Iranian Plant Protection Congress.

Shafaghi, F. Goldansaz, H. and Avand-Faghih, A. (2017). Olfactory Responses of *Habrobracon hebetor* to Extracted Odors Associated with carob moth and Its Host. 8th national conference on biological control.

Shafaghi, F. Goldansaz, H. and Avand-Faghih, A. (2017). Olfactory Responses and Searching Behavior of *Habrobracon hebetor* (Say) (Hymenoptera: Braconidae) to volatile signals derived from carob moth larvae, *Ectomyelois ceratoniae* and Its Host Plant. 2nd Iranian International congress of entomology.

Shafaghi, F. Pezhman, H. Bagheri, A. and Fasihi, M. (2018). Efficiency of spinosad (Sponsor SC 24%) insecticide on fruit borer, *Helicoverpa armigera* Hub. in tomato crops. 23rd Iranian Plant Protection Congress

Shafaghi, F. Goldansaz, H. and Avand-Faghih, A. (2018). Identification of volatile components of *Habrobracon hebetor*, a parasitoids of Carob moth. 23rd Iranian Plant Protection Congress

Shafaghi, F. Tohidi, M. T. Ghorbani, R. and Khanizad, A. (2019). Efficiency of Cyromazine insecticide on leaf miner control on chickpea. The 3rd Iranian International congress of entomology.

Nategh Golestan, M. Shafaghi, F. and Sheikhi Gorjan, A. 2020. 24rd Iranian Plant Protection Congress

Other publication:

Shafaghi, F. Montakhabi, K. Shahraeen, N. Veisi, M. Ashtari, A. and Alipanah, H. 2021. Chickpea Handbook (Pests, Diseases and Weeds). Ministry of Jihad-e-Agriculture. Agricultural Research, Education and Extension Organization Iranian Research Institute of Plant Protection. 99pp.

Shafaghi, F. Tohidi, M. T. Ghorbani, R. Khalil Aria, A. and Khanizad, A. 2020. Management of Pod borer in Chickpea Fields, Applied Instruction. Iranian Research Institute of Plant Protection. 16pp.

Ashtari, S. and Shafaghi, F. 2021. Introducing pests of Faba bean and Fieldpea. Ministry of Jihad-e-Agriculture Agricultural Research, Education & Extension Organization Iranian Research Institute of Plant Protection. 40 pp

Shahraeen, N. Ghotbi, T. Azadbakht, N. Arbabi, M. Shafaghi, F. Moosavi, S. K. 2019. Introduction and Management of Important Pests, Diseases and Weed Species In Common Bean (*Phaseolus vulgaris*). Ministry of Jihad-e-Agriculture

Agricultural Research, Education and Extension Organization
Iranian Research Institute of Plant Protection.

Shafaghi, F. 2019. Introducing some pests of Quinoa. Iranian Research Institute of Plant Protection. 22pp.

Other achievements: