

Mehran Ghazavi (Ph.D.)

Agricultural Entomology Research Department

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EDUCATION:

Ph.D. in Agricultural Entomology, 2003 Karaj Agricultural College, Tehran University, Iran

M.Sc. in Agricultural Entomology, 1994, Karaj Agricultural College, Tehran University, Iran

B.Sc. in Plant Protection, 1989, Ahwaz Agricultural College, Ahwaz Chamran University, Iran

Technical Diploma of Agricultural Sciences, 1987, Sari Agricultural College, Mazandaran University, Iran

RESEARCH INTEREST:

Insect Pathology, Acridology

EXPERIENCE:

Research Assistant Professor at Agricultural Entomology Research Department

POSITION:

Head of Agricultural Entomology Research Department at Iranian Research Institute of Plant Protection

MEMBERSHIP

- Chief editor of "Applied Entomology and Phytopathology"
- Member of The Entomological Society of Iran (from 2004 member of executive board)

THESIS SUPERVISION

1-Virulence comparison of the Iranian isolates of *Beauveria bassiana* (Bals.) Vuillumin on *Eurygaster integriceps* Put. and study of the optimum conditions for mass production of selected isolate. Ms. thesis. Agricultural college of Karaj, Tehran university.

2-The impacts of entmopathogenic fungi, *Beauveria bassiana* and *Metarhizium anisopliae* on onion thrips (*Thrips tabaci*). Ms thesis. Faculty of Science, Shahid Beheshti University.

3-The efficacy of some isolates of *Lecanicillum*, *Beauveria* and *Metarhizium* in control of Russian wheat aphid, *Diuraphis noxia*, under laboratory condition. Ms thesis. Aboureihan Agricultural College, Tehran University

4-Investigation of the epizootiology of *Beauveria bassiana* on population of *Oryzaephilus surinamensis* in date palm cultivars under stored condition. PhD. thesis. Agricultural College of Shahid Chamran University.

5-Study on the pathogenicity of some *Beauveria bassiana* isolates (Bals.) Vuill. On adult Sunn pests and formulation of the most effective one. PhD. Thesis, Islamic Azad University, Science and Research Branch

CURRENT PROJECTS:

1. Clarification of the diet composition of the nymphal stages and adults of *Polysarcus elbursianus* Uv.
2. Collection and identification of insect pathogenic protists from orders Coleoptera, Diptera, Lepidoptera and Orthoptera in Iran.

PUBLICATIONS:

PAPERS:

1. Keyhanian, A. A. and **M. Ghazavi**, 1996. An Investigation to the Biological Characteristics and Population Fluctuation of *Uvarovistia zebra* In Tarom District. Appl. ENT. Phytopath. 63:32-39.
2. **Ghazavi, M.**; Kharazi-Pakdel, A; Ershad, J and E.Bagheri-Zonouz. 2002. The study of the effects of Iranian isolates of *Beauveria bassiana* on *Locusta migratoria*. ENT. Phytopath.69(2):29-32
3. **Ghazavi, M.** and A. Avand-Faghih.2002. Isolation of two entomopathogenic fungi on red palm weevil, *Rhynchophorus ferrugineus* (Olivier) (Col., Curculionidae) in Iran. ENT. Phytopath.69(2):44-45
4. **Ghazavi, M.**; A. Kharazi-Pakdel and J. Ershad. The response of the cellular immune system of *Locusta migratoria* (Orth., Acrididae) to *Beauveria bassiana* (Moniliales, Moniliaceae), isolate Fashand. J. Entomol. Soc. Iran. 23(2): 77-101
5. **Ghazavi, M.**; S. Farokhi and V. Baniameri. 2003. First report of *Entomophaga grylli* on short-horned grasshoppers in Iran. Rostaniha. 4(3-4):110-111
6. **Ghazavi, M.**; S. Zangeneh and M. Abaii. 2005. New records of some entomopathogenic fungi from Iran. Rostaniha 6(2): 119-129.
7. Pirali-Kheirabadi, K.; H. Haddadzadeh; M. Razzaghi-Abyaneh; S. Bokaie; R. Zare; **M. Ghazavi** and M. Ghahfarokhi. 2007. Biological control of *Rhipicephalus (Boophilus) annulatus* by different strains of *Metarhizium anisopliae*, *Beauveria bassiana* and *Lecanicillium psalliotae* fungi. Parasitol. Res. 100: 1297-1302.
8. Rastgar, J.; **M. Ghazavi**; K. Kamali and J. Ershad. 2007. Comparison of the virulence of some *Beauveria bassiana* isolates on Sunn pest adults and the effect of plant oils on conidial germination of the most virulent one. ENT. Phytopath. 75(1):

CONGRESSES AND MEETINGS:

1. **Ghazavi, M.** and A. Kharazi Pakdel. 1995. Histopathology and Biology of *Nosema locustae* Canning in Desert Locust, *Schistocerca gregaria* Forsk. Proceeding of the 12th Iranian Plant Protection Congress.
2. Jemsee, G.; Y. Khajehzadeh and **M. Ghazavi**. 1995. Determination of Phase Status of *Dociostaurus maroccanus* in Khuzistan. Proceeding of the 12th Iranian Plant Protection Congress.
3. Keyhanian , A. A. and **M. Ghazavi**. 1995. Bioecology of *Uvarovistia zebra* (Tettigoniidae; Decticinae) in Zanjan. Proceeding of the 12th Iranian Plant Protection Congress.
4. Ghayoorfar, R.; **M. Ghazavi** and A. Kharazi Pakdel. 1998. Preliminary Study of Symbiotic Flagellates of *Reticulitermes lucifugus*. Proceeding of the 13th Iranian Plant Protection Congress.
5. Azizkhani, E.; H. Alemansoor and **M. Ghazavi**. 1998. The Efficacy of *Bacillus thuringiensis* var. kurstaki (B.t.K) Produced by Iranian Research Organization for Science and Technology (I. R. O. S. T.) and Biolep in Control of Ocneria

- terebintina (Lep.; Lymantriidae). Proceeding of the 13th Iranian Plant Protection Congress.
6. **Ghazavi, M.** and H. Allahverdipour. 2004. First report on entomopathogenic fungus *Beauveria brongniartii* from Iran. Proceeding of the 16th Iranian plant protection congress.
 7. Zangeneh, S. and **M. Ghazavi**. 2004. *Erynia bulata*, a new report of Entomophthoralean fungi from Iran. Proceeding of the 16th Iranian plant protection congress.
 8. Mirshekar, A., A. Kharazi-Pakdel, **M. Ghazavi** and P. Azmayeshfard. 2004. Comparative and laboratory study of pathogenicity of *Beauveria bassiana* and *Metarhizium anisopliae* on *Chrotogonus trachypterus* (Orth.: Pyrgomorphidae). Proceeding of the 16th Iranian plant protection congress.
 9. Mirshekar, A., A. Kharazi-Pakdel, P. Azmayeshfard and **M. Ghazavi**. 2004. A survey on biology of *Chrotogonus trachypterus* Blanchard (Orth.: Pyrgomorphidae) under laboratory conditions. Proceeding of the 16th Iranian plant protection congress.
 10. Mirshekar, A.; **M. Ghazavi**; A. Kharazi-Pakdel and J. Karimi. 2004. In vitro pathogenicity of *Beauveria bassiana* and *Metarhizium anisopliae* on *Chrotogonus trachypterus* (Orth.: Pyrgomorphidae). 37th annual meeting of the society for invertebrate pathology. Helsinki, Finland
 11. Keyhanian, A. A. and **M. Ghazavi**. 2005. Biology and seasonal occurrence of katydids, Decticinae (Tettigoniidae: Decticinae) in Iran. Ninth international conference of the Orthopterists' society. Canmore, Alberta, Canada
 12. Haji Allahverdipour, H.; **M. Ghazavi** and A. Kharazi-Pakdel. 2006. An investigation into laboratory scale production of the Iranian isolate of *Beauveria bassiana*. Proceeding of the 17th Iranian plant protection congress.
 13. Haji Allahverdipour, H.; **M. Ghazavi** and A. Kharazi-Pakdel. 2006. Comparison between the virulence of Iranian isolates of *Beauveria bassiana* Vuill. On *Eurygaster integriceps* Put. Proceeding of the 17th Iranian plant protection congress.
 14. Rastegar, J.; **M. Ghazavi**; K. Kamali and J. Ershad. 2006. Impact of seven native and GHA isolates of *Beauveria bassiana* on adult Sunn Pest in Iran. Proceeding of the 17th Iranian plant protection congress.

Other Publications:

1. **Ghazavi, M.** 2000. Moroccan Locust (in Persian), Bureau of Extension Programs and Technical Publication Production, Agricultural Research Education and Extension Organization, Tehran, Iran.
2. Ghadiri, V. and **M. Ghazavi**. 2005. The long horn locust, *Polysarcus elbursianus* (Orth., Tettigoniidae) (in Persian). Taraghi Publication, Tehran, Iran