

Curriculum Vitae

Dr. Zabihollah Azami-Sardooei

Personal Information

Last name: **Azami-Sardooei**

First name: **Zabihollah**

Date of birth: **25 Aug. 1968**

Place of birth: **Jiroft, Iran**

Nationality: **Iranian**

Sex: **Male**

Civil status: **Married**

Children: **Three boys**

Language knowledge: **Persian, English, and Dutch (Elementary)**

Profession: **Academic Member of University of Jiroft**

Permanent Address: **University of Jiroft, Department of Crop Protection, Faculty of Agriculture, Jiroft/Iran**

Telephone: **Mobile: 00989131482181 (Iran)**

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➤ Education

2011: PhD in Applied Biological Sciences, Crop Protection Department, Phytopathology

Lab., Faculty of Bioscience Engineering, Ghent University, Ghent/Belgium

Title of thesis: Induction of resistance to *Botrytis cinerea* in tomato, bean and cucumber by *Serratia plymuthica* and plant activators.

Promoter: Prof. Dr. ir. Monica Höfte

1995: Master of Science (M.Sc.) in Plant Pathology, Crop Protection Department
Faculty of Agriculture Karaj, University of Tehran, Karaj/Iran

Title of thesis: Study of downy mildew disease of cucumber caused by *Pseudoperonospora cubensis*, and its control methods in Jiroft region.

Promoter: Prof. Dr. Abbas Sharifi-Tehrani

1992: Bachelor of Science (B.Sc.) in Agriculture Engineering (Plant Protection), Crop Protection Department, Faculty of Agriculture Karaj, University of Tehran, Karaj/Iran.

1988: Secondary School Graduation Diploma in General Agriculture from Shahid Motahari Highschool, Jiroft/Iran.

➤ **Professional Career:**

1995-2005: Lecturer at Department of Crop Production in Faculty of Agriculture Jiroft, Shahid Bahonar University of Kerman, Jiroft, Iran

1996-2001: Lecturer at Department of Crop Protection in Faculty of Agriculture Kerman, Shahid Bahonar University of Kerman, Kerman, Iran

2002-2005: Lecturer at Centre of Applied Science in Agriculture of Jiroft and Kahnooj (related to University of Applied Sciences and Technology), Jiroft, Iran

2003-2005: Head of Department of Crop Production in Faculty of Agriculture Jiroft, Shahid Bahonar University of Kerman, Jiroft, Iran

2001-2003: Head of Research and Education Station, University of Jiroft, Jiroft, Iran

2011-2014: Vice-chancellor of University of Jiroft (**Education and Research**), Jiroft, Iran.

2011-2014: Secretary of Academic Promotions Committee at University of Jiroft

2011-2014: Member of Employment Committee (For Faculty members) at University of Jiroft

➤ **Teaching Experiences:**

- General Plant Pathology
- Important Diseases of Vegetables and Summer Crops
- Management of Plant Diseases
- Important Diseases of Fruit Trees
- Greenhouse Crops; Management of Diseases and Pests
- Management control of Plant Diseases (for M.Sc students)
- Seminars (for M.Sc students)
- Practical in plant pathology (for M.Sc students)
- Management control of Nematodes (for M.Sc students)
- Supervision of B.Sc. students' Thesis on Plant Protection
- Promoter or Co-Promoter of M.Sc. students' Thesis on Plant Pathology

Co-Promoter of PhD students' Thesis

➤ **Membership:**

1995-2018: Member of Iranian Phytopathological Society (IPS)

2015-Now: Child foundation, Branch of Jiroft, Iran

2011-2014: Member of Crop Protection Meeting in Agricultural Organization/ South of
Kerman province

➤ Publications (Journal Papers):

1. **Azami-Sardooei, Z.**, Shahreyari nejad S., Rouzkhosh, M., and Fekrat, F. (2018). The first report on feeding of *Oxycarenus hyalinipennis* and *Aphis fabae* on dodder (*Cuscuta compestris*) in Iran. *Journal of Crop Protection*. In Press.
2. Ghalavand F., **Azami-Sardooei Z.**, Fekrat F. and Payandeh, M. (2018). Suppression of *Orobanche cernua* on tomato with Benzothiadiazole and its enzymatic changes. Accepted in *Iranian Journal of Plant Pathology*. In press. (In Persian).
3. Morowatisharifabad, MA. Faryabi, R., **Azami-Sardooei, Z.**, Fallahzadeh, H., and Javad Zare Sakhvidi M. (2017). Predictors of safety behavior among Jiroft-city greenhouse spray workers based on protection motivation theory in 2016. *Iranian Red Crescent Medicine Journal*. In press, 19(8):55592
4. Morowatisharifabad, MA., Faryabi, R., **Azami-Sardooei, Z.**, Fallahzadeh, H., and Javad Zare Sakhvidi M. (2017). Safety behaviors related to health and its perceived environmental factors among greenhouse spray workers, Jiroft, Iran. *International Journal of Advanced Biotechnology and Research*. Vol: 8, pp 42- 53.
5. Azami-Sardooei Z., Ghalavand F., and **Fekrat F.** (2017) A review of the application of Benzothiadiazole in management control of plant diseases. *Journal of Plant Pathology Science*. In Press. In Persian.
6. **Azami-Sardooei Z.**, França SC., De Vleeschauwer D., and Höfte M. (2010). Riboflavin induces resistance against *Botrytis cinerea* in bean, but not in tomato, by priming for a hydrogen peroxide-fueled resistance response. *Physiological and Molecular Plant Pathology* 75, 23-29.
7. **Azami-Sardooei, Z.**; Hamed Soren Seifi,; David De Vleeschauwer,; Monica Höfte (2013) Benzothiadiazole (BTH)-induced resistance against *Botrytis cinerea* is inversely correlated with vegetative and generative growth in bean and cucumber, but not in tomato. *Australasian Plant Pathology*. Vol. 42 (4): 485-490
8. Shabaniyan M., Massumi H., Hosseini Pour A., Heydarnejad J., and **Azami-Sardooei Z.** (2007). Identification and distribution of cucumber-infecting viruses in the Jiroft greenhouses and partial characterization of Zucchini Yellow Mosaic Virus (ZYMV) collected from this region. *Journal of Science and Technology of Agriculture and Natural Resources*. 11(1): 393-407. (in Persian).
9. Akbari A., **Zabihollah Azami-Sardooei**, and Asghar Hosseini-Nia (2013). Synthesis and Biological Evaluation of 2-Amino-4H-pyran-3,4,5-tricarboxylate Salt Derivatives. *Journal of the Korean Chemical Society*. Vol. 57, No. 4. pp.455-460
10. Fekrat F., **Azami-Sardooei Z.**, Alizadeh HR. (2013). Affect of different ages of second stage juveniles of *Meloidogyne chitwoodi* on the attachment of *Pasteuria penetrans* to the cuticle of nematode. *International journal of Advanced Biological and Biomedical Research*. Volume 1, Issue 12, 2013: 1518-1522

11. Akbari A. and **Azami-Sardooei Z.** (2014). Simple method for the synthesis and antibacterial activity of 2-amino-3-cyano-1,4,5,6-tetrahydropyrano[3,2-c] quinolin-5-one derivatives. *Bulgarian Chemical Communications*, Vol. 46 (4) pp. 757-763
12. Fekrat F., **Azami Sardooei Z.**, Salary Kh. and Palashi N. (2016). Effect of aqueous extract of walnut leaves against *Meloidogyne javanica* on tomato plant. *International Journal of Advanced Biotechnology and Research*. Vol-7(4). PP 321-326
13. **Azami-Sardooie Z.**, Nasirpour R., Fekrat F., Alizadeh HR. (2017). Use of *Brassica oleracea* tissue and *Glomus mosseae* for controlling of *Meloidogyne javanica* on tomato plant. *Journal of Biological control of Pests & Plant Diseases*. Vol: 6 (1). pp 41-51
14. Fekrat, F., **Azami-Sardooei, Z.**, Molaie-Moghbeli E., Moghbeli-Hanzai E. (2017). Effect of Vermicompost and *Glomus versiform* on control of *Fusarium oxysporum* f.sp. lycopersici on tomato plant. *Journal of Biological control of Pests & Plant Diseases*. Vol: 6 (2). pp 127-128
15. Mazlumi Lyli A., H. Alizadeh, N., Broumand and **Azami Sardooei Z.**(2015). Evaluation of Trichoderma stability in different soils and its effects on the growth performance of cucumber. *Biological Control of Pests and Plant Diseases*. Vol. 4,(2). PP 99-109. In Persian.
16. Vazin Afzal M. and **Azami-Sardooei Z.**, (2012). Entry of potato to Iran as a major transition in traditional agriculture of Qajar Era . *Journal of Cultural History Studies*. Vol. 3(12). pp 131- 155.
17. Alizadeh H., Farzaneh M., and **Azami Sardooei Z.** (2015). The effect of nanoemulsion cinnamon essential oil in reducing post-harvest decay on strowberry. *Biological Control of Pests and Plant Diseases*. Vol. 4,(1). PP 64-57. In Persian.
18. Taei J., Mirbagheri V., Amiri E., and **Azami Sardooei, Z.** (2016). Assessment of agro-climatic suitability for the winter planting of potato (*Solanum tuberosum*) in south of Kerman province. *Crop production Journal*. Code number: 1601-1812. In Persian.
19. **Azami-Sardooei Z.**, Mirzaei A. and Fekrat F. (2017). Role of Soil Solarization in management of soil-borne pathogens. Accepted in *Journal of Plant Pathology Science*. Vol. 6(1). pp 57-67. In Persian.
20. Zarei, Z., **Azami-Sardooei Z.**,Salahi Abarghohi, M., and Salary K. (2016). Diversity of *Spiroplasma citri* strains in *Circulifer haematoceps* leafhoppers collected in sesame fields in Fars province. *Journal of Current Microbiology*. 74(2): 239-246.

Projects Have Done:

1. Fekrat, F., **Z. Azami Sardooei**, K. Salari and Pelashi N. (2015). Evaluation of walnut leaf water extract to control of root knot nematode (*Meloidogne javanica*) on cultivar of tomato

- (Early Urbana) in the greenhouse and laboratory condition. The final report of research project in University of Jiroft.
2. Fekrat, F. **Z. Azami Sardooei**, E. Moghbeli and Molaei S. (2015). Comparison between different media, vermi compost and Arbasolar Mycorrhizal Fungi on management of tomato *Fusarium* wilt (*Fusarium oxysporum* f.sp. *lycopersici*) in greenhouse condition. The final report of research project in University of Jiroft.
 3. **Azami-Sardooei Z**, M. Roozkhosh and Fekrat F. (2016). The reaction of various species of citrus tree to dodder (*Cuscuta compestris*). The final report of research project in University of Jiroft.
 4. **Azami-Sardooei Z.**, M. Roozkhosh, J. Taei, F. Fekrat and Alizadeh HR. (2016). Effect of soil solarization as an ecological method for the control of purple nutsedge (*Cyperus rotundus* L.) in Jiroft region, Iran. The final report of research project in University of Jiroft.
 5. Taei J., **Azami Sardooei Z.**, Bakhtiyari B., Mirbagheri V., and Amiri E. (2016). Assessment of agro-climatic suitability for the production of potatoes in south of Kerman province. The final report of research project in University of Jiroft.

➤ **Book:**

1. OECD-FAO Agriculture Outlook 2011-2020. Organization for Economic Co-Operation and Development (FAO). (Fekrat, F., **Azami-Sardooei Z.**, Badakhshan Y. and Taei J. (Translated in Persian (2014)). Tiymaz Press. Tehran, Iran.

➤ **Participation in National and International Conferences:**

1. **Azami-Sardooei Z.**, and Höfte M. (2009). Potential of BTH to induce resistance against *Botrytis cinerea* in tomato, bean and cucumber. *61th International Symposium on Crop Protection, 19May, Gent, Belgium.*
2. **Azami-Sardooei Z.**, Meziane H., and Höfte M. (2008). Use of *Serratia plymuthica* strains to control *Botrytis cinerea* in tomato, bean and cucumber by direct antagonism and induced resistance. *60th International Symposium on Crop Protection, 20May, Gent, Belgium.*

3. **Azami-Sardooui Z.**, França, S.C. De Vleeschauwer D., and Höfte M. (2010). Riboflavin induces resistance against *Botrytis cinerea* in bean but not in tomato. *62th International Symposium on Crop Protection, 18 May, Gent, Belgium.*
4. Shabaniyan M., Massumi H., Hosseini Pour A., and **Azami-Sardooui Z.** (2005). Study of aphid transmission percentage of three Zucchini Yellow Mosaic Virus isolates in Iran. *Presented in 2nd Asian Conference on Plant Pathology, Singapore.*
5. Sharifi M., Massumi H., Hosseini pour A., Heydarnejad J., Shabaniyan M., and **Azami-Sardooui Z.** (2005). Detection of Watermelon Mosaic Virus-2 (WMV-2) by ELISA and RT-PCR methods. *The 4rd National Congress of Biotechnology, Kerman, Iran.*
6. Shabaniyan M., Massumi H., Hosseini Pour A., Heydarnejad J., and **Azami-Sardooui Z.** (2004). Identification of cucumber infecting viruses in greenhouse and study of **their** wild natural hosts in Jiroft. *Presented in the 16th Iranian Plant Protection Congress, Tabriz, Iran.*
7. **Azami-Sardooui Z.**, Sharifi-Tehrani A., Okhovat SM., Hedjaroude Gh.A. (2000). Study of host range determination of downy mildew diseases of cucumber caused by *Pseudoperonospora cubensis*. *Presented in the 14th Iranian Plant Protection Congress, Esfahan, Iran.*
8. **Azami-Sardooui Z.**, Sharifi-Tehrani A., Okhovat SM., Hedjaroude Gh.A. (2000). The effect of fungicides on downy mildew (*Pseudoperonospora cubensis*) of cucumber disease under plastic tunnels. *Presented in the 14th Iranian Plant Protection Congress, Esfahan, Iran.*
9. **Azami-Sardooui Z.**, Sharifi-Tehrani A., Hedjaroude Gh.A., Okhovat SM. (2000). Study of over summering and searching oospore of *Pseudoperonospora cubensis* on cucumber leaves in Jiroft region. *Presented in the 14th Iranian Plant Protection Congress, Esfahan, Iran.*
10. **Azami-Sardooui Z.**, Saideh Shahreyary Nejad and Mohammad Rouzkhosh (2015). The first report on feeding of *Oxycarenus hyalinipennis* and *Aphis fabae* on dodder (*Cuscuta campestris*) in Iran their potential as biological control agents. *67th International Symposium on Crop Protection , Ghent, Belgium*
11. Khabaziyanzadeh Z., **Azami-Sardooui Z.**, and Fekrat F. (2015). Potential of aqueous extracts of four medicinal plants to control *Botrytis cinerea* and their ability to induce resistance on bean. *67th International Symposium on Crop Protection, Ghent, Belgium. Abstract*
12. **Azami-Sardooui Z.**, and Fekrat F. (2015). Effect of *Serratia plymuthica* strains to control of *Botrytis cinerea* cause of grey mold disease on tomatoes by direct antagonism. *Presented in the 21th Iranian Plant Protection Congress, Urmia University, Urmia, Iran. (In Persian). Abstract. Abstract*
13. **Azami-Sardooui Z.**, M. Roozkhosh and Fekrat F.(2015). An evaluation of the susceptibility of seven different citrus species to dodder (*Cuscuta campestris*) infestation. *3 th Organic and Conventional Congress. University of Ardabil, Ardebil, Iran. Abstract*
14. **Azami-Sardooui Z.**, M. Roozkhosh, F. Fekrat, Sorani F. (2016). Effect of soil solarization on the control of Broomrape (*Orobancha cernua*) in Jiroft region. *22th Crop Protection Congress. Karaj, Iran. Abstract*

15. Amir-Afzali M., Fekrat F., **Azami-Sardoee Z** .(2016). Investigation of the effects of vermi- compost and *Glomus mosseae* on *Fusarium oxysporium* f.sp. *lycopersici* and *Meloidogyne javanica*. 22th Crop Protection Congress. Karaj, Iran. Abstract
16. Ghalavand F., **Z. Azami-Sardoee**, Fekrat F.(2016). Evaluation of susceptibility of some tomato cultivars to *Orobanche cernua* in Jiroft region. 22th Crop Protection Congress. Karaj, Iran. Abstract
17. Salehi kahresaki, H., **Z. Azami Sardooei**, A. Ahmadi, M. Shetab Boshehri, Fekrat F. (2015). Identification of fungal genus associated with cereal cyst nematode (*Heterodera filipjevi*) in Khuzestan province April. The 1th national Symposium on Agriculture, environment and safe food, Jiroft, Iran. (In Persian). *Full text*
18. **Azami Sardooei, Z.**, Rozkhosh, M., Fekrat, F., Taei, M. J., Alizadeh, H. (2015). Evaluation of soil solarization as an ecologic method to control of Purple nut sedge (*Cyperus rotundus*). The 1th national Symposium on Agriculture, environment and safe food, Jiroft, Iran. (In Persian). *Full text*
19. Nasirpoor, R., **Azami-Sardoeei, Z.**, Fekrat, F. (2015). Suppression of Brassicaceae family to management control of plant parasite nematodes. The 2th national conference on engineering and management, the environment and sustainable natural resources, Tehran, Iran. (In Persian). *Full text*
20. Baghery S., **Azami-Sardoeei Z**. Fekrat, F. (2015). The role of micro-organisms in bioremediation. The 1th national Symposium on Agriculture, environment and safe food, Jiroft, Iran. (In Persian). *Full text*
21. Ghariby, M., **Azami Sardooei, Z.**, Shokoohi, E., Fekrat, F. (2014). Phylogenic position of *Tylenchorhynchus dubius* collected from rhizosphere of Turnip plant by sequence of 28 Sr DNA. 21th Iranian Plant Protection Congress, Urmia University, Urmia, Iran. (In Persian). Abstract. Abstract
22. Shariyari S., **Azami-Sardoeei Z.**, Sare Naderi, Saman Azimijolgeh, Abbas darini and Farnaz Fekrat .(2015). Collection and identification of woodeating beetles (Buprestidae) wild pistachio forests south of Kerman. 3th congress of Sustainable Agriculture and Natural Resources. Tehran. Iran. *Full text*
23. **Azami-Sardoeei Z**, M. Roozkhosh and F. Fekrat. (2014). The first report of infection of broomrape (*Orobanche* sp) by dodder (*Cuscuta* sp) in Iran. *Full text*
24. Fekrat F., **Z. Azami-Sardoee** and A. Avish-Kohshahi .(2015). The effect of riboflavin in control of root knot nematode (*Meloidogyne javanica*) on tomato plant. The second National Conference on medicinal plants, traditional medicine and organic farming. Hamedan. Iran. *Full text*
25. **Ghalavand F., Z. Azami-Sardoee**, and F. Fekrat .(2014). A review of the application and role of BTH in managing control of plant diseases. The third congress of Sustainable Agriculture and Natural Resources. Tehran. Iran. *Full text*
26. Nasirpoor, R., **Azami-Sardoeei, Z.**, Fekrat, F., Alizadeh, HR. (2014). A review induced resistance mechanism on plant by mycorizae fungi. The 1th national Symposium on Agriculture, environment and safe food, Jiroft, Iran. (In Persian). *Full text*
27. Azizi-Gordeh B., **Z., Azami Sardooei** and M., Jokar (2014). Study of agro-terrorism, pathology and crisis management. The 1th national Symposium on Agriculture, environment and safe food, Jiroft, Iran. (In Persian). Abstract.

28. Karimi, S., Fekrat F. and **Azami-Sardooei Z.** (2017). An overview of the mechanism of organic soil amendments in the management control of nematodes. The 1th International Symposium on Agriculture, Environment and Safe Food, Jiroft, Iran. (In Persian). *Full text*

❖ **Supervisor of M.Sc. and Advisor of PhD students' Thesis on different topic**

❖ **Attended Conference and Symposia:**

The 9th International Congress of Plant Pathology (ICPP), Augst 24-29, 2008, Torino, Italy.

The 59th International Symposium on Crop Protection, May 22, 2007, Gent, Belgium

The 58th International Symposium on Crop Protection, May 23, 2006, Gent, Belgium

❖ **Other Professional Activities:**

- Refereed Scientific Papers on Plant Pathology
- Attending in Workshop on greenhouses and International Horti Fair Amsterdam held in The Netherlands, Amsterdam: in 2006, 2008, 2009 and 2010
- Attending in Workshop on greenhouses and International Horti Fair Amsterdam held in The Netherlands on 28 Oct - 10 Nov. 2004 (Sponsored jointly by Dutch Rijk Zwaan Company and Iranian Bekhradi Institution).
- Workshop on greenhouse productions, held in Antalia/Turkey on 14-24 February 2002 (Sponsored jointly by Dutch Rijk Zwaan Company and Iranian Bekhradi Institution).
- Senior advisor to the Dutch Rijk Zwaan Company and its agent Iranian Bekhradi Institution in Esfahan, Iran. (1998 - 2005)
- Senior advisor to the Jiroft Agriculture Organization (Related to Ministry of Agriculture).
- Senior advisor to the Jiroft Plantation and Industry Company (Related to Ministry of Agriculture) (1996-1999).

- Master of production management of 20,000 m² private greenhouse in Jiroft; Cultivation of various agriculture products such as cucumber, tomato, pepper, and strawberry, and performing scientific and practical research in different seeds, crops pests and diseases, Jiroft, Iran

- Publishing scientific agricultural articles in local weeklies in Kerman province on the following subjects. i) Using soil solarization to disinfect greenhouses in Jiroft region. ii) Management and control of diseases and pests of greenhouse crops. iii) Principles and methods of planting and seedling preparation in greenhouses. Jiroft, Iran

- Agriculture Growers advisor in Jiroft Regions, Jiroft, Iran