

CURRICULUM VITAE

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Academic qualifications

PhD: Entomology, Acarology, 2008-2014, Department of Plant Protection, Faculty of Agriculture, University of Tehran, Karaj, Iran

Thesis Title: Interaction between the predatory mite, *Neoseiulus californicus* and *Tetranychus urticae* in presence of western flower thrips on several commercial varieties of strawberry

MSc: Entomology, 2001-2004, Department of Plant Protection, Faculty of Agriculture, University of Tehran, Karaj, Iran

Thesis Title: Laboratory study of the effects of several pesticides on *Chrysoperla carnea* Stephens (Neu:Chrysopidae)

BSc: Plant Protection, 1996-2000, Fredossei University, Mashhad, Iran.

Primary school & high school education, 1996. Mashhad, Iran

Research interests

The biology and ecology of phytoseiid mites and other predatory mites

The behavioral ecology of phytoseiid mites and other predatory mites

The systematics of phytoseiid mites and other predatory mites

Selected research projects

- Talbi, Kh. & **Rezaie, M.** 2004. Laboratory study of the effects of several pesticides on *Chrysoperla carnea* Stephens (Neu: Chrysopidae). University of Tehran.
- **Rezaie, M.** 2008. The fauna study of Phytoseiid mites in region 4 (Central Zagros) from the ten section agricultural regions of Iran. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2008. The fauna study of Phytoseiid mites in region 1 (Central region) from the ten section. Iranian Research Institute of Plant Protection, Tehran, Iran.
- Ardeshir, F., **Rezaie, M.** 2009. Research Program of Animals Taxonomy. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2008. The biology study of native predator mite, *Neoseiulus barkeri* (Hugh) (Acari: Phytoseiidae) in laboratory conditions. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2012. Investigation of different methods for mass rearing of predator mite *Neoseiulus californicus* (McGregor) (Acari: Phytoseiidae). Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2012. Comparison of foraging behavior of mite predator on several commercial strawberry cultivars. Iranian Research Institute of Plant Protection, Tehran, Iran
- **Rezaie, M.** 2016. Efficiency of pollen grain from different plant on biological parameters of *Neoseiulus barkeri*. Iranian Research Institute of Plant Protection, Tehran, Iran.

- **Rezaie, M.** 2016. Investigation of rearing methods in order to gain technical knowledge of mass rearing of *Neoseiulus californicus*. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2018. Efficiency of acaricide Envidor speed (24% SC) compared with the common acaricides for control European red mite in apple orchards of West and East Azerbaijan and Khorasan provinces. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2018. Modeling of climate change on outbreak and dispersion of European red mite in different agricultural regions. Iran national Science Foundation.
- **Rezaie, M.** 2019. Efficiency of several commercial combinations of acaricide Fenpropathrin (EC 10%) in control of European red mite in apple orchards of Esfahan, West Azerbaijan, Alborz and Razavi Khorasan provinces. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2020. Studying efficiency of new acaricides Oberon® and Danisaraba® in comparison with common acaricides for control of European red mite in apple orchards of Esfahan, East Azerbaijan, West Azerbaijan and Khorasan Razavi provinces. Iranian Research Institute of Plant Protection, Tehran, Iran.
- **Rezaie, M.** 2020. Efficiency of new acaricides Payton® in comparison with the common acaricides for controlling two-spotted spider mite in Soya fields of Ardebil and Golestan provinces. Iranian Research Institute of Plant Protection, Tehran, Iran.

Selected publications

Journals papers:

- **Rezaei, M., Talebi, K., Naveh, V., Kavousi, A.** (2007). Impacts of the pesticides imidacloprid, Propargite and pymetrozin on *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae), IOBC and life table assays. *BioControl*. 52: 365- 398.
- **Rezaie, M., Saboori, A., Baniamerie, V., Allahyari, H.** (2013). Susceptibility of *Tetranychus urticae* Koch (Acari: Tetranychidae) on seven strawberry cultivars. *International Research Journal of Basic and Applied Sciences*. 9: 2455-2463
- **Rezaie, M., Askarieh, S.** (2016). Effect of different pollen grains on life table parameters of *Neoseiulus barkeri* (Acari: Phytoseiidae). *Persian Journal of Acarology*. 5(3): 239–253.
- **Rezaie, M., JavanNezhad, R.** (2016) Influence of diet on life table and population growth parameters of predatory mite *Neoseiulus barkeri* (Hughes) (Acari: Phytoseiidae). *International Research Journal of Basic and Applied Sciences*. 10 (5): 467-472.
- **Rezaie, M.** (2017). Effect of three pollen grains on life table parameters of *Neoseiulus californicus* (Acari: Phytoseiidae). *International Journal of Engineering and Applied Science*. 4(9):21-24.
- **Rezaie, M., Saboori, A., Baniameri, V.** (2017). Life table parameters of the predatory mite *Neoseiulus californicus* (Acari: Phytoseiidae) on different strawberry cultivars in the laboratory conditions. *Journal of Crop Protection*. 6(1):53-66.
- **Rezaie, M., Baniameri, V., Saboori, A.** (2017). Functional response and predation interference of *Neoseiulus californicus* (Acari: Phytoseiidae) feeding on the western flower thrips larvae on several commercial strawberry cultivars. *Plant Pests Research*. 6(4): 1-15.
- **Rezaie, M., JavanNezhad, R.** (2017). A Dispersion survey of the phytoseiid mites on the basis of region topography in agro ecosystem of several provinces of Iran. *International journal of Geology, Agriculture and Environmental Science*. 5(6): 5-8.
- **Rezaie, M., Saboori, A., Baniameri, V.** (2017). The effect of strawberry cultivars on functional culticvars on functional response and prey- stage pereferece of *Neoseiulus californicus* (Acari: Phytoseiidae) on *Tetranychus urticae* (Acari: Tetranychidae). *Journal of Entomology and Zoology Studies*. 5(1): 27-35.
- **Rezaie, M., Saboori, A., Baniameri, V.** (2018). The effect of strawberry cultivars, infested with *Tetranychus urticae* (Acari: Tetranychidae), on the olfactory response of the predatory mite *Neoseiulus californicus* (Acari: Phytoseiidae). *Journal of Berry Research*. 8: 71-80.
- **Rezaie, M., Montazerie, F.** (2018). Influence of feeding with different plant pollens on prey-stage pereferece and predation rate of *Neoseiulus californicus* (Acari: Phytoseiidae). *International Journal of Entomological Research*. 06(01): 14-27.
- **Rezaie, M., JavanNezhad, R.** (2018). The effect of different factors on mass rearing of predatory mite *Neoseiulus californicus*. *Journal of Applied Researches in Plant Protection*. 7(1): 85-97.
- **Rezaie, M.** (2018). Suitability of different plant pollens as supplementary food source and natural prey for predatory mite, *Neoseiulus barkeri* Hughes (Acari: Phytoseiidae). *Plant Protection (Scientific Journal of Agriculture)*, 41(4): 76-90.
- **Rezaie, M., Kamalie, H., Shirdel, D Akbarzadhe Shokat, G. A.** (2019). Efficiency of new acaricide Envidor speed (24% SC) compared with the common acaricides for control European red mite in apple orchards of West and East Azerbaijan and Khorasan provinces. *Journal of Animal Environment*. 11(3): 257-264.
- **Rezaie, M., Heydari, Sh.** (2019). The Efficiency of Tea Compost for Control of Two-Spotted Spider Mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). *Journal of Animal Biology*. 11(1): 9-16.

- Rezaie, M.,** JavanNezhad, R. (2020). Modeling the Role of Climate in Distribution of two-spotted spider mite: Case study of Tehran province. *Journal of Environmental Sciences Studies*. 5(2): 2554-2559.
- **Rezaie, M.,** Shirdel, D., Kamalie, H., Emami, M. S. (2020). Efficiency of several formulations of Fenpropathrin in control of European red mite in apple orchards of some provinces. *Journal of Animal Environment*. (In press).

Conference papers:

- **Rezaie, M.,** Talbie, Kh. (2004). Laboratory study of side effect Pymetrozin and Imidacloprid on the rate of fecundity of *Chrysoperla carnea* Stephens (Neu: Chrysopidae). The 2nd Congress on Applied Biology .100-103.
- **Rezaie, M.,** Talbie, Kh., Kharazi-Pakdel, A. & Hidari, H. (2004). Side effects of three pesticides on eggs of *Chrysoperla carnea* Stephens (Neu: Chrysopidae). 16th Iranian Plant Protection Congress. P: 206.
- **Rezaie, M.,** Talbie, Kh., Kharazi-Pakdel, A. & Hidari, H. (2004). The effect of several pesticides on life table parameters of *Chrysoperla carnea* Stephens (Neu: Chrysopidae). 16th Iranian Plant Protection Congress. P: 199.
- **Rezaie, M.,** Talbie, Kh., Kharazi-Pakdel, A. & Hidari, H. (2004). Laboratory study of the side effects of Imidacloprid on different stages larvae of *Chrysoperla carnea* Stephens (Neu: Chrysopidae). 3rd National Conference on the Development in the Application of Biological Products & Optimum Utilization of Chemical Fertilizers & Pesticides in Agriculture. P: 525.
- **Rezaie, M.,** Talebi, Kh. & Kharazi- Pakdel, A. (2006). Laboratory study of the side effects of Pymetrozin and Imidacloprid on *Chrysoperla carnea* Stephens (Neu: Chrysopidae). 17th Iranian Plant Protection Congress. P: 140.
- **Rezaie, M.** (2008). A faunistic survey of the genus *Neoseiulus* (Acari: Phytoseiidae) in western provinces of Iran. 18th Iranian Plant Protection Congress.
- **Rezaie, M.** (2008). A faunistic survey of the Mesostigmatic mites (Acari) in Kermanshah province. 15th Iranian and 3rd International conferences of biology. P: 134.
- Shirazi, J., Morseli, H., **Rezaie, M.** (2010). A review on the side effects of the chemical pesticides on the pests natural enemies. *Proceedings of the congress on half a century of the pesticide usage in Iran*, 103-130.
- **Rezaie, M.** (2010). Effect of sun-flower pollen nutrition diets on longevity and fecundity of *Chrysoperla carnea* Steph (Neu: Chrysopidae) in laboratory condition. *Global Conference on Entomology*. P: 331.
- **Rezaie, M.** (2010). Introducing some host plant species related with *Neoseiulus marginatus* (Wainstein) (Acari: Phytoseiidae) from Western provinces of Iran. *Global Conference on Entomology*. P: 153
- **Rezaie, M.** (2010). A Dispersion survey of the genus *Neoseiulus* (Acari: Phytoseiidae) on the basis of region topography in agro ecosystem of several western provinces of Iran. *Global Conference on Entomology*. P: 134
- **Rezaie, M.** (2010). Investigation on biology of predatory mite *Amblyseius swirskii* (Athias-Heniot) (Acari: Phytoseiidae) feeding on three different food under laboratory conditions. *Global Conference on Entomology*. P: 494.
- Rezaie, M.** (2010). Life table parameters of *Neoseiulus barkeri* (Hughes) (Acari: Phytoseiidae) on different host plants. *Global Conference on Entomology*. P: 159.
- **Rezaie, M.** 2010. Life table parameters of *Tetranychus urticae* Koch on different host plants. 19th Iranian Plant Protection Congress. P: 392.
- **Rezaie, M.** 2010. Investigation on biology of predatory mite *Neoseiulus barkeri* (Hughes) (Acari: Phytoseiidae) feeding on three different food under laboratory conditions. 19th Iranian Plant Protection Congress. P: 394.
- **Rezaie, M.** 2010. The effect of cannibalism and interspecific predation on biology of predatory mite *Amblyseius swirskii* (Athias-Heniot) (Acari:Phytoseiidae). 19th Iranian Plant Protection Congress. P: 391.
- **Rezaie, M.** 2010. Effect of host plants on biology of predatory mite *Amblyseius swirskii* (Athias-Heniot) (Acari:Phytoseiidae). 19th Iranian Plant Protection Congress. P: 393.
- Rezaie, M.,** Saboori, A., Baniamerie, V., Alhyarie, H., Zahdie, A. (2011). Effect of some strawberry cultivars on fertility life table parameters of two spotted spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae). *First Persian Congress of Acarology*. P: 83
- Rezaie, M.** (2011). Life table and population growth parameters of predatory mite *Neoseiulus barkeri* (Hughes) (Acari: Phytoseiidae) feeding on three different diets. *First Persian Congress of Acarology*. P:84.
- Rezaie, M.** (2011). A Dispersion survey of the Phytoseiid mites (Acari: Mesostigmata) on the basis of region topography in agro ecosystem of several western provinces of Iran. *International Congress on Applied Biology*. P: 470.
- Rezaie, M.** (2011). Learning in Phytoseiid mite *Neoseiulus barkeri* (Hghes) (Acari: Phytoseiidae) under laboratory conditions. *International Congress on Applied Biology*. P: 471.
- Rezaie, M.,** Saboori, A., Baniamerie, V. (2012). Comparison of seven strawberry cultivars resistance to two-spotted mite *Tetranychus urticae* Koch (Acari: Tetranychidae). *Proceedings of the 1st Iranian Regional Congress on Strawberry*. P: 167-172.
- Javan Nezhad, R., Eshgi, M.M., **Rezaie, M.** (2015). Synoptic analysis of winter weather patterns with severe air pollution in Tehran (since 2013/21/12 to 2014/14/01). *Iranian Meteorological conference*. 11pp.
- **Rezaie, M.** (2015). Investigation of effect of HIPV on foraging behavior of phytoseiid mites. *The 1st Annual Iranian Agriculture Research conference*. P: 440-448.

- **Rezaie, M., JavanNeghad, R.** (2015). Investigation of interguild predation of phytoseiid mites. The 1st Annual Iranian Agriculture Research conference. P: 741-748.
- **Rezaie, M.** (2015). Comparison of life table parameters of the predatory mite, *Neoseiulus californicus* (McGregor) fed on two-spotted spider mite and western flower thrips. 1st Iranian International Congress of Entomology. P: 353.
- **Rezaie, M. Askarie, S.** (2015). Effect of feeding with different plant pollen on biological parameters of *Neoseiulus barkeri* (Hughes) (Acari: Phytoseiidae). 1st Iranian International Congress of Entomology. P: 350.
- **Rezaie, M. Montazerie, F.** (2015). Effect of feeding with plant pollen on predation rate of *Neoseiulus californicus* (McGregor) . 1st Iranian International Congress of Entomology. P: 351
- **Rezaie, M.** (2015). Effect of different different density of predatory mite *Neoseiulus californicus* on predation rate of two- spotted spider mite. 1st Iranian International Congress of Entomology. P: 349.
- **Rezaie, M.** (2015). Glasshouses investigation of effect of predatory mite *Neoseiulus californicus* for control two-spotted spider mite. The fourth National congress and congress and conventional organic. 5pp.
- **Rezaie, M.** (2015). Effect of tea compost for control two-spotted spider mite. The fourth National congress and congress and conventional organic. 5pp.
- **Rezaie, M.** (2016). Comparison olfactory response of predatory mite *Neoseiulus californicus* to two-spotted spider mite-infested and western flower thrips – infested strawberry plants. 3rd National Meeting Biocontrol in Agriculture and Natural Resource of Iran. P: 76
- **Rezaie, M. Montazerie, F., JavanNezhad, R.** (2016). Effect of feeding with plant pollen on host preference of *Neoseiulus californicus* (McGregor). 3rd National Meeting Biocontrol in Agriculture and Natural Resource of Iran. P: 80.
- **Rezaie, M.** (2017). Comparing different methods for storage of *Neoseiulus californicus* (Acari: Phytoseiidae). The 3rd International Persian Congress of Acarology. P: 56.
- **Rezaie, M.** (2017). Effect of feeding on different plant pollens and *Tetranychus urticae* on predation rate of *Neoseiulus barkeri*. The 3rd International Persian Congress of Acarology. P: 57.
- **Rezaie, M.** (2017). Investigation of different diets for mass rearing of predatory mite. The second Annual Conferences on Iran Agricultural Research. P: 115-118.
- **Rezaie, M.** (2017). Comparing functional response and predation rate of predatory mite *Neoseiulus californicus* (Acari: Phytoseiidae) on the western flower thrips and two- spotted spider mite. The 3rd Annual Conference on Iran Agricultural Research. P: 143-147.
- **Rezaie, M.** (2018). Greenhouse efficiency of predatory mite *Neoseiulus barkeri* rearing on different plant pollen for control of two-spotted spider mite. 5th international Conference in Applied Agriculture Research in Science.
- **Rezaie, M.** (2018). Oviposition pattern of predatory mite *Neoseiulus californicus* (Acari: Phytoseiidae) in the presence of volatile from two-spotted spider mites, conspecific predatory mite and western flower thrips. 23th Iranian Plant Protection Congress. P: 1531-1532
- **Rezaie, M.** (2018). Effect of host plant on foraging of predatory mite *Neoseiulus californicus* (McGregor) (Acari: Phytoseiidae). 23th Iranian Plant Protection Congress. P: 1533-1534
- **Rezaie, M.** (2018). The role of phytoseiid mites in pest management in greenhouses and healthy crop production. International conference on Society & Environment. P: 25-29.
- **Rezaie, M., JavanNezhad, R.** (2018). The biological parameters of two-spotted spidermite collected from different provinces of Iran. 3rd National Conference of Biological Sciences- Damghan Branch.
- **Rezaie, M.** (2018). Investigating the resistance of different cultivars of plants to two-spotted spider mite. 3rd National Conference of Biological Sciences- Damghan Branch.
- **Rezaie, M.** (2019). Efficiency of the predatory mite *Neoseiulus californicus* (Acari: Phytoseiidae) reared on different plant pollens in greenhouse conditions. 9th National Conferences on Biological Control. P: 55.
- **Rezaie, M.** (2019). Effect of different factors on the Presence and Remaining the Predatory Mite *Neoseiulus californicus* (McGregor) (Acari: Phytoseiidae) on Host Plants. P: 56.
- **Rezaie, M., JavanNezhad, R.** (2019). Climate change study on agriculture in Mazandaran province. 4th National Conferences on Climate Change and Impacts on Agriculture and Environment.
- **Rezaie, M.** (2019). The funa study of Phytoseiid mites in the western of Iran. The 6th National Congress on Biology and Natural Sciences of Iran.

Thesis supervised

- Effect of different plant pollen on host preference of *Neoseiulus californicus*. Montazerie
- Biological control of *Tetranychus urticae* using *Phytoseiulus persimilis* and *Neoseiulus californicus* in commercial rose flower greenhouse in Yazad, Iran. Afkhomeie.

Other achievements

- Teaching in the Biology Department, Faculty of Science. Islamic Azad University of Mashhad (2004-2006).
- Teaching in Agricultural College, Islamic Azad University of Mashhad (2004-2006).