

CURRICULUM VITAE

September 2018

Fariba Meighani



Department of Weed Research, Iranian Research Institute of Plant Protection

Mobile: (+98) 9122197909

Email: fmaighany@yahoo.com

P.O.Box 19395-1454, Tehran, Iran

<https://orcid.org/0000-0002-5554-7105>

Author ID 36666952600

meighani@iripp.ir

EDUCATION

- | | |
|-----------|--|
| 1995-2001 | Ph.D., Plant Physiology , Tehran University, Tehran, Iran
Advisors: Prof. Dr. Hasan Ebrahimzadeh |
| 1991-1995 | M.S.c., Plant Science , Tehran University, Tehran, Iran
Advisors: Prof. Dr. Hasan Ebrahimzadeh |
| 1987-1991 | B.S.c., Biology , Arak University, Arak, Iran |

ACADEMIC EMPLOYMENT

- | | |
|----------------------|---|
| April 2001- May 2012 | Assistant professor , Department of Weed Research, Iranian Research Institute of Plant Protection, Tehran, Iran.
Design and conduct research projects on weed management, chemical control of Alfalfa weeds, dodder, seed dormancy, writing report, technical, extension and research papers. |
| 2012-present | Associate professor , Department of Weed Research, Iranian Research Institute of Plant Protection, Tehran, Iran. |

RESEARCH INTERESTS

- Weed Biology
- Parasitic Weeds (dodder)
- Invasive Plants
- Chemical Management

PROFESSIONAL AFFILIATIONS AND SERVICES

REVIEWER

Iranian Journal of Weed Science
Entomology and Phytopathology

Agricultural Science Findings

The 1st Symposium of Iranian Society of Weed Science

The 2nd Symposium of Iranian Society of Weed Science

The 3rd Symposium of Iranian Society of Weed Science

The 4th Symposium of Iranian Society of Weed Science

The 5th Symposium of Iranian Society of Weed Science

The 6th Symposium of Iranian Society of Weed Science

The 7th Symposium of Iranian Society of Weed Science

PUBLICATIONS

JOURNAL ARTICLES

- Meighani, F.**, J. Khalghani, M. Ghorbanli, M. Najafpour, 2005. Allelopathic Potential of *Trifolium resupinatum* and *T. alexandrium* on seedling growth of field bindweed, amaranth, rye, and mustard. Iranian Journal of Plant Pathology, 41, 1, 107 -120.
- Meighani, F.**, J. Khalghani, M. Ghorbanli, M. Najafpour, 2006. Study of allelopathic potential of *Trifolium resupinatum* and *T. alexandrium* on seed germination of *Convolvulus arvensis*, *Amaranthus retroflexus*, *Secale cereale* and *Sinapis arvensis*. Applied Entomology and Phytopathology, 74, 1 (81), 81-101.
- Meighani, F.** M. Ghorbanli, B. Asadelahi, 2007. Role of mineral ions and proline in copper stress tolerance in two canola (*Brassica napus* l.) cultivars. Journal of Science (Kharazmi University), 7, 1-2, 865-876.
- Pahlavani, A.H., **F. Meighani**, M.H. Rashed Mohassel, 2007. Study of vegetative reproduction ability of *Cynanchum acutum* under different thermal conditions. Applied Entomology and Phytopathology, 74, 2 (82), 93- 112.
- Pahlevani, A.H., **F. Meighani**, M.H. Rashed, M.A. Baghestani, M. Nassiri, M.T. Alebrahim, 2007. Seed germination behavior of swallow wort (*Cynanchum acutum*). Journal of Iranian Field Crop Research, 5, 1, 47-52.
- Pahlevani, A.H., **F. Meighani**, M.H. Rashed, M.A. Baghestani, 2007. Study of swallow wort (*Cynanchum acutum*) phenology stages. Pajouhesh-va-Sazandeg (in Agronomy and Horticulture), 20, 3, 16- 24.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M. Montazeri, M.R. Labbafi, 2007. Identification of Field bindweed (*Convolvulus arvensis* L.) biotypes in three areas of Tehran province. Iranian Journal of Weed Science, 3, 1& 2, 129-142.
- Ghorbanli, M., **F. Meighani**, B. Asadelahi, 2007. Effect of copper chloride stress on chlorophyll, carbohydrate accumulation, and some growth parameters in two canola (*Brassica napus*) cultivars. Pajouhesh-va-Sazandegi (Agronomy and Horticulture), 20, 3 134-141.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M. Montazeri, M.R. Labbafi, 2007. Identification of Field bindweed (*Convolvulus arvensis* L.) biotypes in three areas of Tehran province. Iranian Journal of Weed Science, 3, 1 & 2, 129-142.
- Alebrahim, M.T., M.H. Rashed Mohassel, **F. Meighani**, M.A. Baghestani, M. Nasiri, A.H. Pahlevani, 2007. Study of desiccation and freezing on vegetative reproduction of Russian knapweed (*Acroptilon repens* L.). Journal of Iranian Field Crop Research, 5, 2, 201-209

- Labbafi, M.R., A. Hejazi, **F. Meighani**, H. Khalaj, M.A. Baghestani, 2007. Study of allelopathic potential of wheat (*Triticum aestivum* L.) cultivars on growth of oat (*Avena ludoviciana* L.) and hairy vetch (*Vicia villosa* L.). Pajouhesh & Sazandegi, 79, 45-52.
- Labbafi, M.R., A. Hejazi, **F. Meighani**, H. Khalaj, M.A. Baghestani, 2008. Study of the allelopathic potential of wheat (*Triticum aestivum*) cultivars on the growth of field bindweed (*Convolvulus arvensis*) and rye (*Secale cereale*). Environmental Sciences, 5, 3; 1-10.
- Mehrafarin A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Evaluation of biodiversity of field bindweed population in Varamin (Iran). Rostaniha, 9, 1 (30), 100-112.
- Fattahi, K., **F. Meighani**, S.K. Mousavi, Gh. Savaripoor, 2008. Integrated management of Russian Knapweed (*Acroptilon repense*) in fallow and wheat in Kermanshah province. Agricultural Research Journal, 8, 1, 183-194.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Study of postemergence herbicides efficacy on Bermudagrass (*Cynodon dactylon*) control in turf mixture of Landscape. Journal of Plant Protection (Agricultural Science and Technology) 22, 2, 197-209.
- Zabihollahi, V., **F. Meighani**, Karaminejad, M.R., Mirhadi, M.J. 2008. Study of chemical control of yellow foxtail (*Setaria glauca*) and common dandelion (*Taraxacum syriacum*) in tall fescue (*Festuca arundinacea*) turf. Iranian Journal of Weed Science, 4, 1, 1 - 13.
- Meighani, F.**, M. Yazdani, M. Minbashi, 2009. Study of tomato (*Lycopersicon esculentum*) cultivars tolerance to *Orobanche aegyptiaca*. Journal of Applied Entomology and Phytopathology, 93-112. 77.
- Pahlavani, A.H., M.T. Aleebrahim, M.H. Rashed Mohasel, **F. Meighani**, M. Nassiri, 2009. Effects of planting depth and flooding period on germination and emergence of swallow wort (*Cynanchum acutum*). Journal of Iranian Field Crop Research, 3, 1, 15-24.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2009. A Study of postemergence herbicides efficacy for goosegrass (*Eleusine indica* (L.) Gaertn.) control in tall fescue (*Festuca arundinacea* Schreb.) turf. Journal of Science and Technology of Agriculture and Natural Resources, 13 (47), 219-230.
- Tavasoli, R.A., **F. Meighani**, N. Bagherani, M.J. Mirhadi, 2009. Examination of dual purpose herbicides on some physiological indexes of wheat (*Triticum aestivum* L.) in different stages of phenology. Electronic Journal of Crop Production, 2, 1, 25 - 39.
- Baghestani, M.A., H. Sayedipour, E. Zand, M. Minbashi, **F. Meighani**, A. Lashkari, 2009. Integrated management of wild barley (*Hordeum spontaneum* Koch) in wheat field under stale seedbed condition. Journal of Agroecology, 1, 1, 81-89
- Ghorbanli, M., **F. Meighani**, B. Asadollahi, 2009. Study of protein and antioxidant enzymes activities changes in two canola (*Brassica napus*) cultivars in response to copper chloride stress. Journal of Science (Kharazmi University), 9, 4, 593 – 602
- Meighani, F.**, A. Jahedi, M.A. Baghestani, P. Shimi, M. Mirvakili, 2010. Study of 2,4-DB (Butress) efficacy in weed control in established alfalfa (*Medicago sativa*). Iranian Journal of Weed Science, 6, 2, 66 -77.
- Aleebrahim, M.T., **F. Meighani**, M.H. Rashed Mohassel, M.A. Baghestani, 2010. Study of phenology in Russian knapweed (*Acroptilon repens*) based on growing day degree. Journal of Applied Entomology and Phytopathology, 77, 2, 19-136
- Labbafi, M.R., **F. Meighani**, H. Khalaj, M.A. Baghestani, I. Allahdadi, A. Mehrafarin, 2010. Study the effect of density on allelopathic of wheat "Niknejad cultivar" and some weed species using equal-compartment-agar method. Journal of Crop Improvement, 6, 89, 1, 12, 49-57.

- Baghestani, M.A., M. Jamnejad, M. Minbashi, **F. Meighani**, 2010. Study the effects of temperature and GR60 concentration on seed germination of two broomrape species and their growth in presence of tomato and tobacco. *Journal of Crops Improvement*, 12, 2, 11-23.
- Mehrafarin A., **F. Meighani**, M.A. Baghestani, M.R. Labbafi, M.J. Mirhadi, 2010. Investigation of morphophysiological variables and introducing field bindweed (*Convolvulus arvensis*) population biotypes in Damavand. *Journal of Applied Entomology and Phytopathology*, 77, 2 (89), 33-51.
- Mehrafarin A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, M.R. Labbafi, 2011. Study of morphophysiological characteristics of field bindweed (*Convolvulus arvensis*) population biotypes in Karaj using multivariate analysis methods. *Iranian Journal of Biology*, 24, 2, 282 - 292
- Azizian A., **F. Meighani**, M. Mirvakili, M.A. Baghestani, 2011. Study of integrated management and comparative phenology of swallow wort (*Cynanchum acutum* L.) in pistachio orchard. *Journal of Crops Improvement (Journal of Agriculture)*, 13, 2, 61-73.
- Alebrahim, M.T., M.H. Rashed Mohassel, **F. Meighani**, M.A. Baghestani, 2011. Study of different techniques for breaking dormancy and optimum temperature for germination of Russian Knapweed (*Acroptilon repens*). *Journal of Plant Protection*, 24, 4, 391-397.
- Meighani**, F. A. Jahedi, M. Mirvakili, P. Shimi, M.A. Baghestani, 2012. Evaluation of chemical control of broad-leaved weeds in new seeded alfalfa (*Medicago sativa* L.). *Journal of Crops Improvement*, 14, 1, 43-55.
- Meighani** F., B. Samedani, A. Jahedi, 2012. Study of chemical control of field bindweed (*Convolvulus arvensis* L.) in fallow in sugarbeet, tomato, and potato. *Applied Field Crops Research (Pajouhesh & Sazandegi)*, 91, 24, 2, 60-69.
- Zargar M., H. Najafi, E. Zand, **F. Meighani**, 2012. Evaluation of the effect of chemical and non-chemical weed management methods toward reducing herbicide application rate in sugar beet. *Journal of Plant Protection (Agricultural Science and Technology)*, 25, 4, 368 - 377.
- Yoosefi, J. H. Alizade, M.B. Hosseini, A. Majdabadi, **F. Meighani**, 2012. Absorption and Translocation of C₁₄-Labelled Glyphosate and 2,4-D in populations of swallow-worts (*Cynanchum acutum*) in Iran. *Iranian Journal of Field Crop Science*, 43, 2, 335-346.
- Labbafi, M.R., **F. Meighani**, A. Hejazi, H. Khalaj, M.A Baghestani, A Mehrafarin, 2012. Study of allelopathic interaction of wheat (*Triticum aestivum* L.) and some weed species using equal- compartment- agar Mmethod. *Iranian Journal of Field Crop Research*, 2 (9), 158-166.
- Tajdoost, S., R.A. Khavari-Nejad, **F. Meighani**, E. Zand, Z. Noormohammadi, 2012. Assessment of genetic diversity in *Cuscuta campestris* Yunker ecotypes based on their molecular and protein markers. *Journal of Environmental Sciences*, 9, 4, 93 -108.
- Meighani**, F. 2012. Evaluating some herbicides and mechanical control for Swallow-wort management (*Cynanchum acutum*) in Yazd. *Iranian Journal of Weed Science*, 8, 2, 39-51.
- Zand, E., M.A. Baghestani, H. Alizadeh, H.Rahimian, H. Sasanfar, S. Khosravi, P. Shimi, M. Montazeri, M. Minbashi, M.R. Mousavi, J. Gherekhloo, **F. Meighani**, M. Abdollahian, A. Moradi, M. Rastgoo, 2013. An audit for weed science in Iran during the years 2009 and 2010. *Iranian Journal of Weed Science*, 9, 1, 1-13.
- Dinari, A., **F. Meighani**, M. Farzami Sepehr, 2013. Effects of salinity and drought stress on germination and seedling growth of *Avena fatua* L. and *Phalaris minor* L. *Iranian Journal of Plant Physiology*, 3, 2, 665-671.

- Shimi, P., H. Saeidi, **F.Meighani**, M.R. Labbafi, 2013. Investigating efficiency of new herbicides to control cruciferous weeds in canola fields. *Journal of Crop Production Research (Environmental Stresses in Plant Sciences)*, 5, 4, 311-324.
- Niknam, F. Baghestani, M. A., Mirvakili, M. **Meighani**, F. 2013. Study of Alhaji pseudialhaji phenology in Yazd province. *Journal of Weed Ecology*, 1, 1, 1-8.
- Shimi, P., N. Darvish, **F. Meighani**, 2014. Investigating efficiency of new Butisan star (Metazachlor+Qinmerac) herbicide to weeds control in canola. *Journal of Crop Production Research (Environmental Stresses in Plant Sciences)*, 6, 1, 31 - 38.
- Zand, E., **F. Meighani**, M. Sarhadi, A. Barjesteh, 2014. Investigating efficiency of non-chemical methods to management of weeds in forage sorghum (*Sorghum bicolor*). *Iranian Journal of Weed Science*, 9, 2, 324, 119-126.
- Karimzadeh, A., S. Maleki Farahani, **F. Meighani**, M.H. Fotokian, 2014. Evaluation of Alfalfa (*Medicago sativa* L.) cultivars tolerance to dodder (*Cuscuta campestris* L.). *Journal of Plant Protection*, 28, 2, 226-223.
- F. Meighani**, M. Mirvakil, P. Shimi, M.A. Baghestani, 2014. Integrated management study (chemical and mechanical) of swallow-wort (*Cynanchum acutum*) in Qazvin Province. *Journal of Plant Protection*, 28, 3, 387-392.
- Ghaffari, R., **F. Meighani**, Salimi, H. 2014. Germination ecophysiology of mesquite (*Prosopis farcta*) weed. *Nova Biologica Reperta*, 1, 1, 23-33.
- Meighani**, F., M.R. Karaminejad, 2015. Integrated management (chemical and mechanical) of field bindweed in rotation of fallow-sugarbeet. *Journal of crops improvement (Journal of agriculture)*, 17, 3, 607 - 619.
- Rahmati E., M. Aghaalikhani, **F. Meighani**, F. Deghani, 2015. Evaluation of allelopathic effects of aqueous extracts of wheat shoot in different stages of phenology on seed germination and early growth of weed species. *Journal of Plant Research (Iranian Journal of Biology)*, 28, 5, 974-985.
- Mohammadi, V., M. Galavi, **F. Meighani**, A. Ghanbari, M. Ramroudi, 2016. Effect of additive densities of barley companion crop on weed management of alfalfa (*Medicago sativa* l.) establishment. *Journal of Agroecology*, 6, 1, 135-150.
- Meighani**, F., M.R. Karaminejad, 2017. Herbicides efficacy in control of broad-leaved weeds in new seeded and established Alfalfa (*Medicago sativa* L.) in Alborz Province. *Journal of Plant Protection*, 31, 4, 592-604.
- Meighani**, F., N. Nezamabadi, M.R. Karaminejad, N. Jafarzadeh, 2017. Investigating efficacy of new herbicides to control dodder (*Cuscuta campestris*) in sugarbeet (*Beta vulgaris*) fields. *Iranian Journal of Weed Science*, 12, 2, 199-209.
- Meighani**, F., Z. Khordostan, 2018. Study of some environmental factors on seed germination of *Lepyrodielis holosteoides*. *Applied Biology*, 31, 4, 58, 127-138.
- Mirvakili, M., A. Anaghali, **F. Meighani**, H. Karimbeigi, 2018. Tank mix effect of 2,4-D + MCPA and Glyphosate herbicides in integrated control of mesquite (*Prosopis farcta*). *Iranian Journal of Weed Science*, 31, 4, 127-138.
- Meighani**, F., M. Mohaimeni, 2018. Study of ecophysiology of seed germination of *Dodartia orientalis* L. *Iranian Journal of Seed Science and Technology*, 7, 2, 195-204
- Meighani**, F. Behroozi, D. Study of different herbicides effcacy in alfalfa (*Medicago sativa*) weed control. *Iranian Journal of Weed Science*, accepted
- Noroozi, M. Dadashi, M. R. **Meighani**, F., Ajam Noroozi, H. 2020. The evaluation of different herbicide on weeds control, growth indices, and forage yield Alfalfa. *Journal of Plant Physiology*, 12, 43, 185-197.

- Noroozi, M. **Meighani, F.**, Ajam Noroozi, H. 2020. The evaluation of forage yield and weed control under effect of different herbicides. Environmental Plant Physiology, Acceptance
- Behroozi, D. **Meighani, F.** 2021. Study of efficacy of different herbicides in Alfalfa weeds control in Sharekord. Iranian Journal of Weed Science, acceptance
- Mamnoie, E. **Meighani, F.** 2020. Effect of repeated spraying and efficacy of some herbicides on weed control and yield of alfalfa (*Medicago sativa*). Iranian Journal of Weed Science, 16, 1, 135-145.

International papers

- Meighani, F.**, M. Ghorbanli, J. Khalghani, M. Najafpour, 2006. Allelopathic potential of *Trifolium resupinatum* and *T. alexandrinum* on seed germination of four weed species. Pakistan Journal of Biological Sciences, 10, 7, 1151-1143.
- Baghestani, M.A., E. Zand, S. Soufizadeh, M. Jamali, **F. Meighani**, 2007. Evaluation of Sulfosulfuron for broadleaved and grass weed control in wheat (*Triticum aestivum* L.) in Iran. Crop Protection (Netherland), 26, 1385-1389.
- Meighani, F.**, J. Khalghani, M.A. Baghestani, M. Najafpour, 2007. Allelopathic potential of *Trifolium resupinatum* (Persian clover) and *T. alexandrinum* (Berseem clover). Weed Biology and Management (Japan), 7, 178-183.
- Lababafi, M.R., **F. Meighani**, A. Hejazy, H. Khalaj, M.A. Baghestani, I. Allahdadi, A. Mehrafarin, 2009. Study of allelopathic interaction of wheat (*Triticum aestivum* L.) and rye (*Secale cereale*) using equal-compartment-agar method. Asian Journal of Agricultural Sciences, 1 (2), 25-28.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, M.R. Lababaf, 2009. Investigation of morphophysiological variation in field bindweed (*Convolvulus arvensis* L.) populations of Karaj, Varamin, and Damavand in Iran. African Journal of Plant Science, 3 (4), 64-73.
- Lababaf1, M.R., A. Hejazi, **F. Meighani**, H. Khalaj, A. Mehrafarin, 2010. Evaluation of allelopathic potential of Iranian wheat (*Triticum aestivum* L.) cultivars against weeds. Agriculture and Biology Journal of North America, 1 (3): 355-361.
- Mafakheri, S. M.R. Ardakani, **F. Meighani**, M.J. Mirhadi, S. Vazan, 2010. Rye Cover Crop management affects weeds and yield of corn (*Zea mays* L.). Not. Bot. Hort. Agrobot. Cluj 38 (3), 117-123.
- Rostami, R., A.H. Shirani Rad, E. Zand, **F. Meighani**, 2012. Integrating the cultural, mechanical and chemical methods to optimize weed control and corn (*Zea mays* L.) yield. Annals of Biological Research, 3 (2), 1210-1213
- Tajdoost, S., R.A. Khavari-Nejad1, **F. Meighani**, E. Zand, Z. Noormohammadi, 2013. Evaluation of genetic diversity and differentiation of *Cuscuta campestris* (field dodder) ecotypes using ISSR markers. Journal of Food, Agriculture & Environment, 11 (1), 1072-1075.
- Meighani, F.** Karaminejad, M. R. Farrokhi, Z. Invasive Weed *Cynanchum acutum* Response to Chemical and Mechanical Practices. Weed Biology and Management, 1–9. <https://doi.org/10.1111/wbm.12231>
- Noroozi, M. Dadashi, M. R. **Meighani, F.** Ajam Noroozi, H. 2022. Efficacy of different herbicides on weed control, growth indices and forage yield in alfalfa (*Medicago sativa* L.). Annali DI Botanica Ann. Bot. (Roma), 12, 43-50.
- Samedani, B. **Meighani, F.** 2022. Effect of cover crops residues on weed control and yield in conservation tillage tomato (*Lycopersicon esculentum* Mill.) production, 1-9.

CONFERENCE PRESENTATIONS**FULL TEXT**

- Meighani, F.**, M. Ghorbanli, M. Najafpour, 2005. Effect of extracts of Persian and Berseem clover on peroxidase activity of field bindweed (*Convolvulus arvensis* L.) hypocotyls. Proceedings of the 4th World Congress on Allelopathy, 21-26 August Wagga Wagga, Australia.
- Aleebrahim, M.T., **F. Meighani**, M.H. Rashed, M.A. Baghestani, A.H. Pahlevani, 2006. Effect of desiccation on regrowth of Russian knapweed (*Acroptilon repens*) roots. Proceedings of the 1st Weed Science Congress, 25-26 January. Iranian Research Institute of Plant Protection, Tehran, Iran.
- Aleebrahim, M.T., **F. Meighani**, M.H. Rashed, M.A. Baghestani, A.H. Pahlevani, 2006. Study of seed germination behavior of Russian knapweed (*Acroptilon repens*) under different temperature conditions. Proceedings of the 1st Weed Science Congress, 25-26 January, Iranian Research Institute of Plant Protection, Tehran, Iran.
- Aleebrahim, M.T., **F. Meighani**, M.H. Rashed, M.A. Baghestani, A.H. Pahlevani, 2006. Study of phenological stages in Russian knapweed (*Acroptilon repens*). Proceedings of the 1st Weed Science Congress, 25-26 January, Iranian Research Institute of Plant Protection, Tehran, Iran.
- Nezamabadi, N., E. Zand, **F. Meighani**, 2006. Chemical control of some noxious weeds of wheat (*Triticum aestivum*) fields in Iran. Proceedings of the 1st Weed Science Congress, 25-26 January, Iranian Research Institute of Plant Protection, Tehran, Iran.
- Yaghoubi, Z., **F. Meighani**, 2006. Effect of planting depth on germination and germination of dodder (*Cuscuta* sp.) and pigweed (*Amaranthus* sp.). Proceedings of the 1st Weed Science Congress, 25-26 January, Iranian Research Institute of Plant Protection, Tehran, Iran.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Morphoecophysiological study of Field bindweed (*Convolvulus arvensis* L.) population in Varamin using Principal Component Analysis (PCA). Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Biodiversity study of field bindweed (*Convolvulus arvensis* L.) population in Karaj using Multivariate analysis. Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Study of postemergence herbicides efficacy in control of yellow foxtail (*Setaria glauca*) in tall fescue (*Festuca arundinaceae*). Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Study of postemergence herbicides efficacy in control of dandelion (*Taraxacum officinalis*) in tall fescue (*Festuca arundinaceae*). Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Mehrafarin, A., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Study of vegetative reproduction potential of field bindweed (*Convolvulus arvensis* L.) populations in Karaj, Varamin, and Damavand. Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Maighani, F.**, M.R. Labbafi1, A. Hejazi, H. Khalaj, M.A. Baghestani, I. Alahdadi, 2008. Study of allelopathic interaction of wheat (*Triticum aestivum*) and rye (*Secal cereal*). Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.

- Aleebrahim, M.T., M.H. Rashed, **F. Meighani**, M.A. Baghestani, 2008. The effect of freezing on regrowth of Russian knapweed (*Acroptilon repens*) roots. Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- Aleebrahim, M.T., M.H. Rashed, **F. Meighani**, M.A. Baghestani, 2008. Breaking dormancy of seed germination in Russian knapweed (*Acroptilon repens*) seeds. Proceedings of the 2nd Weed Science Congress, 29-30 January, Mashad, Iran.
- A. Jahedi, **F. Meighani**, 2010. Study of chemical control of field bindweed (*Convolvulus arvensis*) in fallow before planting of sugarbeet and potato. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Meighani, F.**, A. Azizian, M. Mirvakili, M.A. Baghestani, Shimi, P. 2010. Study of integrated control of swallow wort (*Cynanchum acutum* L.) in amygdalus and pistachio orchards. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Mirvakili, M., **F. Meighani**, A. Azizian, Karimbeik, H. 2010. Effects of desiccation on regrowth of swallow-wort (*Cynanchum acutum* L.) roots. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Nezamababdi, N., S. Haghdadi, M. Minbashi, **F. Meighani**, 2010. Investigating broomrape. (*Orobanche aegyptiaca*) chemical control in potato conditions (*Solanum tuberosum*) under controlled and natural. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Jahedi, A., **F. Meighani**, 2010. Study of 2,4-D-B efficacy in weed control of first year Alfalfa (*Medicago sativa*) in Hamedan. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2010. Investigating chemical control of dominant weeds in tall fescue (*Festuca arundinacea*). Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Mehrafarin, A., **F. Meighani**, Labbafi, M.R. 2010. Study of environmental factors effect on spurge (*Euphorbia bungie* Boiss.) seed germination. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Mafakheri, S., M.R. Ardakani, M.J. Mirhadi, **F. Meighani**, S. Vazan, 2010. Effect of winter rye cover crop on weed management in corn. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Zargar, M., H. Najafi, E. Zand, **F. Meighani**, 2010. Study of integrated methods for management of red-root pigweed and lambs quarters in single-vs. twin-row sugarbeet. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Mehrafarin, A., **F. Meighani**, Baghestani, M.A. Labbafi, M.R. 2010. Relationship study of field bindweed (*Convolvulus arvensis* L.) populations in Karaj, Varamin, and Damavand. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Fatahi, K., **F. Meighani**, K. Mousanvi, Gh. Savaripoor, 2010. Study of integrated control of Russian Knapweed (*Acroptilon repens* L.) in fallow before wheat. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Alazmani, M., M. Ghorbanli, **F. Meighani**, 2010. Investigation and comparison of phenology of six problematic species weed of *Amaranthus* in Golestan province. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Mirvakili M., M.A. Baghestani, **F. Meighani**, A. Anagholi, H. Karimbeiki, 2010. Integrated weed management of camelthorn (*Alhagi persarum* L.) to reduce its regrowth in pistachio orchard. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.

- Shimi, P., N. Darvish, **F. Meighani**, J. Daneshian, 2010. Investigating effect of different doses of Butisan Star (metazachlor 33.3%+qinmerac 83%) on canola (*Brassica napus*) and weeds. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2010. Study of susceptibility evaluation of turfgrass commercial mixture to postemergence herbicides. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2010. Study of chemical control of dichondra (*Dichondra micrantha*) control in turf mixture of landscape. Proceedings of the 3rd Weed Science Congress, 17-18 February, Babolsar, Iran.
- Meighani, F.**, M.A. Baghestani, P. Shimi, 2012. Study of weed chemical control in established Alfalfa (*Medicago sativa* L.) in Alborz Province. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Karimzadeh, A., S. Maleki Farahani, **F. Meighani**, M.H. Fotokian, 2012. Identification of alfalfa (*Medicago sativa*) cultivars resistant and sensitive to dodder (*Cuscuta campestris*). Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Meighani, F.**, M. Mirvakili, P. Shimi, M.A. Baghestani, 2012. Study of chemical and mechanical control of *Cynanchum acutum* in Yazd. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Meighani, F.** N. Nezamabadi, N. Jafarzadeh, P. Sharifi Ziveh, 2012. Study of the efficacy of new herbicides in the control of dodder (*Cuscuta campestris*) in sugarbeet (*Beta vulgaris*). Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Meighani, F.**, M. Mohimani, J. Aangaji, H. Salimi, 2012. Study of the effect of environmental factors on asexual reproduction potential of *Dodartia orientalis* L. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Taghavi, Sh., **F. Meighani**, E. Zand, A. Farnia, 2012. Study of chemical control of weeds in walk-ways and urban spaces. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Meighani, F.**, M.A. Baghestani, K. Shadanmehr, 2012. Study of chemical control of common bermudagrass (*Cynodon dactylon*) in sport turf. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Mirvakil, M., **F. Meighani**, H. karimbeiki, 2012. Investigation the possibility of integrated control of mesquite (*Prosopis farcta*). Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Khedri, A., **F. Meighani**, H. Najafi, 2012. The investigation of the efficacy of mixing herbicides in broadleaf weeds management in sugarbeet (*Beta vulgaris*). Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Ahmadnejad, M., E. Zand, **F. Meighani**, M.A. Baghestani, 2012. Study of host domain and dispersal of mistletoe (*Viscum album*) in the orchards of Meshkinshahr. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Ahmadnejad, M., E. Zand, **F. Meighani**, M.A. Baghestani, 2012. Study of chemical control of mistletoe (*Viscum album*) in the orchards of Meshkinshahr. Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Rostami, R., **F. Meighani**, E. Zand, M. Zargar, 2012. Evaluation of integrated weed management in corn (*Zea mays* L.). Proceedings of the 4th Weed Science Congress, 6-8 February, Ahwaz, Iran.
- Norouzi, M., **F. Meighani**, H.R. Sasanfar, 2013. Tolerance to ACCase inhibitor herbicides in some turf species. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran

- Hossein noori, A., **F. Meighani**, A. Pazooki, M.R. Karaminejad, 2013. Chemical control of new cultivated alfalfa (*Medicago sativa* L.) in Karaj. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran
- Hadizadeh, M.H., H. Torabi, **F. Meighani**, M. Paseban, 2013. Herbicide evaluation for controlling weeds in alfalfa. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran
- Meighani, F.**, S.M. Mirvakili, P. Shimi, M.A. Baghestani, 2013. Study of integrated management of swallow-wort (*Cynanchum acutum*) in Abyek. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Norouzzadeh, Sh., **F. Meighani**, M. Abbaspoor, 2013. Chemical control of dodder (*Cuscuta campestris*) in sugar beet in Khorasan Razavi Province. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Mohaimeni, M., **F. Meighani**, H. Salimi, 2013. Studying the ecophysiology of germination in *Dodartia orientalis* L. seeds. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Khordoostan, Z., **F. Meighani** and M. R. Bakhshi Khaniki, 2013. Study of pre- and post-emergence herbicides efficiency in the management of *Lepyroclis holosteoides* Fenzl. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Khordoostan, Z., **F. Meighani**, M.R. Bakhshi Khaniki, 2013. Ecophysiology of seed germination in *Lepyroclis holosteoides* Fenzl. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Norouzi, M., **F. Meighani**, H. R. Sasanfar, 2013. The possibility of application of dual-purpose herbicides in five turf species of Kentucky bluegrass, red fescue, perennial ryegrass, bermudagrass and asianponysfoot. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Dinari, A., **F. Meighani**, 2013. Effect of salt stress on *Malva sylvestris* L. Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Meighani, F.**, M.R. Karaminejad, H.R. Sasanfar, 2013. Effect of integrated management in follow on controlling field bindweed (*Convolvulus arvensis* L.). Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Ghaffari, R., **F. Meighani**, H. Salimi, M. Mirvakili, 2013. Evaluating the sexual reproduction potential of mesquite (*Prosopis farcta* L.). Proceedings of the 5th Iranian Weed Science Congress, 24-26 August, Karaj, Iran.
- Baghestani, M. A., E. Zand, **F. Meighani**, F. Lotfi, 2015. Investigating the possibility of augmentation efficacy of Total and Apyros herbicides using time of application and wheat density, Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Meighani, F.**, M.R. Karaminejad, 2015. Comparison of pre-and post-emergence herbicides efficacy in the control of new-seeded Alfalfa (*Medicago sativa* L.) weeds in Karaj. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Meighani, F.**, R. Ghafari, 2015. Investigation of environmental factors effect on vegetative reproduction potential of mesquite (*Prosopis farcta*). Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Sedghiani, H., **F. Meighani**, H. Najafi, 2015. Study of the effects of dodder (*Cuscuta campestris*) on contents of chlorophyll a & b in some of sugar beet (*Beta vulgaris*) cultivars. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.

- Dinari, A., **F. Meighani**, 2015. Study of salt and drought stresses effect on *Hordeum spontaneum* L. seed germination and seedling growth. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Najafi, H., **F. Meighani**, 2015. Comparison of weed population in conservation and conventional systems. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Mohammadi, V., M. Galavi, **F. Meighani**, A. Ghanbari, M. Ramroudi, M.R. Karaminezhad, 2015. Evaluation of alfalfa-barley intercropping efficacy on weed management. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Dinari, A., **F. Meighani**, 2015. Study of cold stress effect on seed germination and seedling growth of *Avena fatua* L. Proceedings of the 6th Iranian Weed Science Congress, 1-3 September, Birjand University, Birjand, Iran.
- Hoseini, M., H. Najafi, **F. Meighani**, 2017. Study the efficiency of new and common herbicides to manage weeds in sugarbeet. Proceedings of the 7th Iranian Weed Science Congress, 19-27 August, Gorgan University, Gorgan, Iran
- Meighani, F.**, A. Dinari, 2017. Study of cold stress effect on *Phalaris minor* L. seed germination and seedling growth. Proceedings of the 7th Iranian Weed Science Congress, 19-27 August, Gorgan University, Gorgan, Iran
- Meighani, F.**, A. Dinari, 2017. Study of salt and drought stresses effect on *Cuscuta campestris* germination and seedling growth. Proceedings of the 7th Iranian Weed Science Congress, 19-27 August, Gorgan University, Gorgan, Iran
- Zand, E., H. Sasanfar, B. Khalil Tahmasebi, A. Forouzesh, **F. Meighani**, E. Keshtkar, 2019. An overview of some advances in the area of herbicide resistant weeds, Proceedings of the 8th Iranian Weed Science Congress, 27-29 August, Mashad University, Mashad, Iran.
- Sharifziveh, P. **Meighani, F.**, Didehbaz Moghanlo, Gh. 2021. Study effectiveness of herbicide of Clethodim in weed control of narrow leave weeds of rapeseed. Proceedings of the 9th Iranian Weed Science Congress, 16-17 Nov., Tehran, Iran.
- Meighani, F.**, Najafi, H. and Karaminejad, M. R. 2021. Evaluation of Chemical Control and Tank-mix Efficacy in Dodder (*Cuscuta campestris*) Management in Sugar beet. Proceedings of the 9th Iranian Weed Science Congress, 16-17 Nov., Tehran, Iran.
- Meighani, F.**, Jafari Nadooshan, A. Karaminejad, M. R. Soufizadeh, S. 2021. Study of efficacy of post-and pre-emergence herbicides in *Cynanchum acutum* management. Proceedings of the 9th Iranian Weed Science Congress, 16-17 Nov., Tehran, Iran.
- Mamnoie, E. **Meighani, F.**, Khalil Tahmasebi, B. 2021. Chemical control of dodder (*Cuscuta campestris*) in seedling alfalfa field in South Kerman. Proceedings of the 9th Iranian Weed Science Congress, 16-17 Nov., Tehran, Iran.

ABSTRACT

- Meighani, F.** 2002. Response of electrophoretic pattern of wheat seed protein to salt stress. Proceedings of the 1st Iranian Conference on Plant Science and Technology, 10-12 September, Tehran, Iran.
- Meighani, F.**, H. Ebrahimzadeh, 2002. Role of gibberellins in wheat seed response to salinity stress. Proceedings of the 1st Iranian Conference on Plant Science and Technology, 10-12 September, Tehran, Iran.
- Meighani, F.**, N. Bagheri, 2003. Interaction of Na-K on protein content of wheat (*Triticum aestivum*). Proceedings of the 11th Biology Congress of Iran, 23-25 August, Urmia University, Urmia, Iran.

- Meighani, F.** 2003. The response of foliar proteins of two wheat (*Triticum aestivum*) cultivars to salt stress. Proceedings of the 11th Biology Congress of Iran, 23-25 August, Urmia University, Urmia, Iran.
- Meighani, F.** 2003. Role of peroxidase in salt tolerance of wheat (*Triticum aestivum* L.). Proceedings of the 7th International Conference on Development of Drylands, 14-17 September, Tehran, Iran.
- Meighani, F., H. Ebrahimzadeh,** 2004. The effect of salt stress on calcium and nitrogen concentrations in two wheat (*Triticum aestivum*) cultivars. Proceedings of the 12th Biology Congress of Iran, 31 Aug-2 Sep., Hamedan University, Hamedan, Iran.
- Meighani, F., H. Ebrahimzadeh,** 2004. Interaction of Na-K on Malate dehydrogenase in wheat (*Triticum aestivum*). Proceedings of the 12th Biology Congress of Iran, 31 Aug-2 Sep., Hamedan University, Hamedan, Iran.
- Meighani, F., H. Ebrahimzadeh,** 2004. The effect of salt stress on polyphenol oxidase enzymes in two wheat (*Triticum aestivum*) cultivars. Proceedings of the 8th Iranian Crop Production and Breeding Congress, 25-27 Aug, Gilan University, Rasht, Iran.
- Meighani, F., M. Minbashi, M. Yazdani,** 2004. Study of tomato cultivars to *Orobanche aegyptiaca*. Proceedings of the 16th Iranian Plant Protection Congress, 27 Aug-2 September, Tabriz University, Tabriz, Iran.
- Meighani, F., M. Najafpour, J. Khalghani,** 2004. Allelopathic potential of *Trifolium resupinatum* and *T. alexandrium* on seed germination of four weed species. Proceedings of the 4th International of Weed Science Congress, 20-24 June, South Africa, Durban.
- Meighani, F., M. Najafpour, J. Khalghani, M. Zamanian,** 2005. Study of allelopathy effect of *Trifolium resupinatum* and *T. alexandrium* on growth of some weed species. Proceedings of the 16th Iranian Plant Protection Congress, 27 Aug-2 Sep, Tabriz University, Tabriz, Iran.
- Meighani, F., M.T. Alebrahim, M.H. Rashed Mohassel, M.A. Baghestani,** 2006. Study of some environmental factors affecting seed germination of Russian knapweed (*Acroptilon repens* L.). Proceedings of the Second International Weed Science Conference held on at the University of Arid Agriculture, 20-22 March, Rawalpindi, Pakistan.
- Meighani, F., J. Khalghani, M. Najafpour,** 2006. Screening of an allelopathic potential of *Trifolium resupinatum* and *T. alexandrium*. Proceedings of the Second International Weed Science Conference held on at the University of Arid Agriculture, 20-22 March, Rawalpindi, Pakistan.
- Zabihollahi, V., **F. Meighani,** M.A. Baghestani, M.J. Mirhadi, 2008. Response of *Dichondra micrantha* Turf to postemergence herbicides. 5th International Weed Science Congress, 23-27 June, Canada.
- Zabihollahi, V. **F. Meighani,** M.A. Baghestani, M.J. Mirhadi, 2008. Chemical control of Dandelion. 5th International Weed Science Congress, 23-27 June, Canada.
- Zabihollahi, V., **F. Meighani,** M.A. Baghestani, M.J. Mirhadi, 2008. Study of postemergence herbicides efficacy in control of Yellow Foxtail (*Setaria glauca*) in Turf. 5th International Weed Science Congress, 23-27 June, Canada.
- Zabihollahi, V., **F. Meighani,** M.A. Baghestani, M.J. Mirhadi, 2008. Chemical control of Bermudagrass (*Cynodon dactylon*) in Turf. 5th International Weed Science Congress, 23-27 June, Canada.
- Zabihollahi, V., **F. Meighani,** M.A. Baghestani, M.J. Mirhadi, 2008. Study of postemergence herbicides efficacy in control of grass weeds in tall fescue (*Festuca arundinaceae*). Proceedings of the 18th Iranian Plant Protection Congress, 24-27 Aug. University of Bu-Ali Sina, Hamedan, Iran.

- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2008. Study of Dandelion (*Taraxacum officinalis*) in Turf. Proceedings of the 18th Iranian Plant Protection Congress, 24-27 Aug. University of Bu-Ali Sina, Hamedan, Iran.
- Samedani, B., **F. Meighani**, M. Rivand, 2008. Chemical control of *Convolvulus arvensis* at fallow conditions before tomato planting. Proceedings of the 18th Iranian Plant Protection Congress, 24-27 Aug. University of Bu-Ali Sina, Hamedan, Iran.
- Azizian, A., M.A. Baghestani, **F. Meighani**, H. Mahmoodzadeh, M. Mirvakili, 2008. Study on integrated control of *Cynanchum acutum* and comparative phenology in Pistachio orchard. Proceedings of the 18th Iranian Plant Protection Congress, 24-27 Aug. University of Bu-Ali Sina, Hamedan, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi. 2010. Study of chemical control of dominant narrow leaf weeds in tall fescue (*Festuca arundinacea*) turf. Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Sedghiani, H., I. Allahdadi, **F. Meighani**, H. Najafi, Gh. Akbari, 2010. Study of the tolerance of some sugar beet (*Beta vulgaris* L.) cultivars to Dodder fields (*Cuscuta campestris* L.). Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Zabihollahi, V., **F. Meighani**, M.A. Baghestani, M.J. Mirhadi, 2010. Study of susceptibility evaluation of bermudagrass (*Cynodon dactylon*), kentucky bluegrass (*Poa pratensis*) and tall Fescue (*Festuca arundinacea*) to postemergence herbicides. Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Shimi. P., H. Saeidi, **F. Meighani**, Labbafi, M.R. 2010. Chemical control of cruciferous weeds in canola (*Brassica napus*) fields. Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Meighani, F.**, M. Mirvakili, 2010. Study of 2,4-DB efficacy in weed control in new seeded alfalfa (*Medicago sativa*) in Yazd. Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Mafakher. S., M.R. Ardakani, **F. Meighani**, M. J. Mirhadi, S. Vazan, 2010. Persistency of the effect of winter rye cover and mulch on weeds during growth period of corn. Proceedings of the 19th Iranian Plant Protection Congress, 31 Juy-3 August, Tehran, Iran.
- Maghami, E., P. Sharifziveh, **F. Meighani**, 2010. Survey chemical control of dodder parasite weed with new herbicides in sugarbeet. Proceedings of the 11th Iranian Crop Science Congress, Shahid Beheshti Universutym, 24-26 July, Tehran, Iran.

BOOKS

- Meighani, F.** 2003. Allelopathy: From concept to Application, Nikkhah Press, 250 p.
- Meighani, F.**, E. Zand, 2009. Dictionary of Weed Science, Paitakht Press, 367 p.
- Meighani, F.**, M.R. Labbafi, 2012. Parasitic Weeds, Ecophysiology and Management. Iranian Research Institute of Plant Protection Publication, 190 p.

Chapter of a book

- Meighani, F.**, E. Zand, R. Deihimfar, S. K. Mousavi, 2008. Chapter 2, 40-69: Safety in herbicides application. (Zand, E. S. K., Mousavi, A. Heidari, Herbicides and their applications), Mahshad University Publicaion, 567 p

- Baghestani, M.A., E. Zand, **F. Meighani**, S. K. Mousavi, 2008. Chapter 15, 406-421: Evaluation of herbicides efficacy and registration (Zand, E. S. K., Mousavi, A. Heidari, Herbicides and their applications), Mahshad University Publication, 567 p.
- Meighani, F.**, 2015. *Cynanchum acutum*. Chapter 14. 960-981. Najafi, H., E. Zand, M.A. Baghestani, 2009. Weeds of Iran (Biology and Management), Iranian Research Institute of Plant Protection Publication, Tehran, Iran, 560 p.
- Sasanfar, H.R. Baghestani, M.A., Zand, E., **Meighani, F.**, Mousavi, S.K. and Keshtkar, E. 2021. Chapter 17, 622-646: Evaluation of Herbicides Efficacy and Registration (Zand, E., Keshtkar, E., Mousavi, S.K., and Heidari, A. Herbicides and Their Application Technology), Mahshad University Publication, 815 p.

Translation

- Zand, E., **F. Meighani**, S. K., Mousavi, Benakashani, F. 2015. Herbicides and Plant Physiology, University Publication Centre. In: *Herbicides and Plant Physiology*, Andrew, H. Cobb, John, P. H. Reade, 2010, 365 p.
- Minbashi, M., E. Zand, **F. Meighani**, 2011. Non-chemical weed management: principles, concepts and technology, Mahshad University Publication, 334 p. In: Non-chemical weed management: principles, concepts and technology, Upadhyaya, M. K., Blackshaw, R. E. 2007.
- Zand, E., Soufizadeh, S. **F. Meighani**, Sadeghian, Y. 2020. Biodiversity Concepts, Convention, Structure. Research, Education, and Extension Organization Press.

Technical Booklet

- Baghestani, M. A., E. Zand, **F. Meighani**, H. Sasanfar. 2018. Importance of impurities in assessing the safety of plant protection products (pesticides). Technical Booklet. Iranian Research Institute of Plant Protection Publication. Tehran, Iran. 40 p.

Extension Booklet

- Meighani, F.**, M. R. Karaminejad, H. Najafi, 2017. Parasitic Weed: *Cuscuta campestris*. Extension Booklet. Research Institute of Plant Protection Publication. Tehran, Iran. 21 p.
- Najafi, H. **F. Meighan**, 2015. Weeds identification and management in Sugarbeet autumn farming system. Research Institute of Plant Protection Publication, Tehran, Iran. 42 p.
- F. Meighani**, S.M. Mirvakili, H. Najafi, 2015. Swallow wort (*Cynanchum acutum*): Biology and Management, Research Institute of Plant Protection Publication, Tehran, Iran. 31 p.