

Curriculum vitae

Name: Mohammad Mahdi Majidi

Position title: Professor of genetic and plant breeding

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Personal information:

- **Dates and place of birth:** Sep, 01, 1977, Golpayegan, Isfahan, Iran
- **Marital status:** Married, one son
- **Language:** Persian, English

Education beyond high school:

B.S., Agronomy and Plant Breeding, 1999, Isfahan University of Technology

M.S., Plant Breeding, 2001, Isfahan University of Technology

Ph.D., Plant Breeding, 2007, Isfahan University of Technology

Teaching

- Undergraduate:
Genetics, Principle of plant breeding, Probability and statistic
- Graduate:
Advance in Plant breeding, Advance statistical analysis, Biometrical genetic

Position, experiences and administration

- **2006-2007** Research assistant (Visiting fellow), Consequences of ex situ conservation on genetic diversity of meadow fescue using molecular markers. Agroscope. Zurich. Switzerland. (Collaboration with Prof. Beat Boller and Dr. Roland Kolliker).
- **2007-2013** Assistant professor of genetic and plant breeding, College of Agriculture, Isfahan University of Technology, Isfahan, Iran
- **From 2013** Associate professor of genetic and plant breeding, College of Agriculture, Isfahan University of Technology, Isfahan, Iran
- **2010-2012**
 - Head of the Department of Agronomy and Plant Breeding, College of Agriculture, Isfahan University of Technology, Isfahan. Iran
- **2012-2016** Vice Dean of Graduate students Affairs, College of Agriculture, Isfahan University of Technology, Isfahan, Iran
- Familiar with field and greenhouse experiment, Plant breeding projects, PCR and Molecular markers, Familiar with general and statistical computer Softwares (SAS, SPSS, STATISTICA, NTSYS, Excel, Word, Power point)

Current Projects

My research focuses on Breeding and Germplasm Improvement of Forage crops, Amenity grasses, Oil seed crops and some Medicinal plants using traditional, molecular, and genomic tools. My program will aim at developing new cultivars with increased yield, biotic and abiotic stress tolerance, and processing quality as follow:

I lead the grass breeding and genetics program in Isfahan University of Technology (IUT). We are focused on development of abiotic stress tolerant, high-yielding, and high-quality grass genotypes for diverse arid and semiarid environments with different applications (Forage, Turf and Sport). Germplasm enhancement, application of polycross and HS mating designs, application of genomics technology and appropriate breeding and selection schemes are integrated to strengthen long-term variety development efforts and accelerate genetic gain. Improvement **root characteristic** systems is one of the most important goals in our breeding programs.

I also lead the barley and safflower breeding program using **Inter-specific hybridization** at IUT. Our goal is to increase the genetic- and bio-diversity of cropping systems across arid and semi-arid states through the development of new cultivars and ecologically-rooted production practices. Within barley and safflower, we prepared a wide ranges of population through Inter-specific hybridization (Selfed and Back cross generations) for genetic studies and breeding. General traits/systems of importance across the crops we study include **drought tolerance**, nutritional value, heat tolerance, resistance to some disease, intercropping and deficit irrigation.

Medicinal plants, we already developed some projects for breeding and germplasm improvement of Fennel, Cumin and Milk thistle using molecular and genomic tools as well as traditional breeding. General traits of importance across the crops we study include increasing essential oil and secondary metabolism, drought tolerance, resistance to some disease and deficit irrigation.

Research interest

Half-sib matting and polycross breeding of open pollinated crops - Biodiversity, Genetic Resources and germplasm enhancement- Application of Biotechnology and molecular markers in plant breeding- Bioinformatics, Genomics and Proteomics

Publications

I. Books:

Mirlohi, A., Majidi, M. M. and M. Esmailzadeh-Moghadam. 2013. Principle of plant breeding. Arkan-e Danesh Press (In Farsi).

II. International Journals:

1. Nazari, M., Mirlohi, A. and **Majidi, M.M.** 2017. Effects of Drought Stress on Oil Characteristics of Carthamus Species. [Journal of the American Oil Chemists' Society](#). 94:247–256.
2. Gheysari, M. Sadeghi, S. H., Loescher, H.W., Amiri, S., Zareian, M.J., **Majidi, M.M.** Asgarinia, P. Payero, J. O. 2017. Comparison of deficit irrigation management strategies on root, plant growth and biomass productivity of silage maize. [Agricultural Water Management](#) 182 (2017) 126–138
3. Amini, F., Mirlohi, A., **Majidi, M. M.** 2016. The Possibility of Use of AFLP Molecular Markers and Phenotypic Traits to Increase Forage Yield in Tall Fescue (*Festuca arundinacea* Schreb.) Breeding. [Journal of Agricultural Science and Technology](#). 18: 1419-1429.
4. Pirnajmedin, F., M. M. **Majidi, A.** Gheysari, M. 2016. Survival and recovery of tall fescue genotypes: association with root characteristics and drought association with root characteristics and drought. [Grass and Forage Science](#). 71: 632-640.
5. Ebrahimi, F., **Majidi M.M.**, Arzani, A. Mohammadi-Nejad, GH. 2016. Oil and seed yield stability in a worldwide collection of safflower under arid environments of Iran. [Euphytica](#). 212: 131-144.
6. Saeidnia, F., **Majidi, M.M.**, Mirlohi A., Shahidaval, S. 2016. Selection for productivity, persistence and drought tolerance in orchardgrass. [Euphytica](#). 212: 11-130.
7. **Majidi, M. M** and Mirlohi, A. 2016. Impact of endophytic fungi on seed and seedling characteristics in tall and meadow fescues. [International Journal of Plant Production](#) 10: 469-478.
8. Dehghani, M. R, **Majidi, M.M.**, Mirlohi A., Saeidi, G. 2016. Study of genotype by environment interaction in tall fescue genotypes and their polycross progenies in Iran based on AMMI model analysis. [Crop & Pasture Science](#), 67: 792–799
9. **Majidi, M. M.**, Bahrami, S., Abtahi, M., Mirlohi, A. and Araghi, B. 2016. Genetic analysis of seed related traits in smooth brome grass (*Bromus inermis*) under well-watered and water-stressed conditions. [Grass and Forage Science](#). 72: 163-173.
10. Irani, S. **Majid, M.M.** and Mirlohi, A. 2016. Genetic variation for clonal propagation and trait

association with field performance in sainfoin. [Tropical Grasslands](#) 4: 38–46

11. Dehghani, M. R, **Majidi**, M.M., Mirlohi A., Saeidi, G. 2016. Integrating parametric and non-parametric measures to investigate genotype × environment interactions in tall fescue. [Euphytica](#). 208:583–596
12. Pirnajmedin, F., M. M. **Majidi**, A. Mirlohi, A. Noroozi. 2016. Application of EST-derived microsatellite markers for analysis of genetic variation in tall fescue and its comparison with morphological markers. [Biochemical Systematics and Ecology](#) 65: 225-233.
13. Barati M., **Majidi**, M.M., Mirlohi, A., Pirnajmodini, F. and Sharif-Moghaddam, N. 2015. Response of cultivated and wild barley germplasm to drought stress at different developmental stages. [Crop Science](#). 55:2668–2681.
14. Sharafi, Y., **Majidi**, M.M., Jafarzadeh, M, and Mirlohi, M. 2015. Multivariate analysis of genetic variation in winter rapeseed (*Brassica napus* L.) cultivars. [Journal of Agricultural Science and Technology](#), 17: 1319-1331.
15. Irani, S. **Majid**, M.M. and Mirlohi, A., M. Karami and M. Zargar. 2015. Assessment of Drought Tolerance in Sainfoin: Physiological and Drought Tolerance Indices. [Agronomy Journal](#), 107:1771–1781.
16. Irani, S. **Majid**, M.M. and Mirlohi, A., M. Karami and M. Zargar. 2015. Response to Drought Stress in Sainfoin: Within and Among Ecotype Variation. [Crop Science](#). 55:1868–1880.
17. Irani, S. **Majid**, M.M. and Mirlohi, A. 2015. Half-sib Matting and Genetic Analysis of Agronomic, Morphological and Physiological Traits in Sainfoin (*Onobrychis viciifolia*) Under Non stressed versus Water Deficit Conditions. [Crop Science](#). 55: 123-135.
18. Sharafi, Y., **Majidi**, M.M., Goli, A. and Rashidi, F. 2015. Oil Content and Fatty Acids Composition in Brassica Species. [International Journal of Food properties](#). 18: 2145-2154.
19. Zarabiyani, M. **Majidi**, M.M., 2015. Genetic diversity and relationships within and among *Onobrychis* species using molecular markers. [Turkish Journal of Botany](#). 39: 681-692
20. **Majidi**, M.M., Rashidi, F., Sharafi, Y., 2015. Physiological Traits Related to Drought Tolerance in Brassica. [International Journal of Plant Production](#). 9(4): 541-560.
21. Dehghani, M. R, **Majidi**, M.M., Saeidi, G., Mirlohi, A., Amiri, R, and Sorkhilalehloo, B. 2015. Application of GGE biplot to analyse stability of Iranian tall fescue (*Lolium arundinaceum*) genotypes. [Crop and Pasture Science](#). 66: 963–972.
22. Abbasi, Z, **Majidi**, M.M., Arzani, A., Rajabi, A., Mashayekhi, P. and J. Bocianowski. 2015. Association of SSR markers and morpho-physiological traits associated with salinity tolerance in sugar beet (*Beta vulgaris* L.). [Euphytica](#). 205: 785-797.
23. **Majidi**, M.M., Hoseini, B., Abtahi, M., Mirlohi, A. and Araghi, B. 2015. Genetic analysis of seed related traits in Orchardgrass (*Dactylis glomerata*) under normal and drought stress conditions. [Euphytica](#). 203:409–420
24. **Majidi**, M.M., Araghi, B. Barati, M. and Mirlohi, A. 2015. Polycross Genetic Analysis of

- Forage Yield and Related Traits in *Dactylis glomerata*. [Crop Science](#). 55:203–210 (2015).
25. Arabbeigi, M., Arzani, A., **Majidi**, M.M., Kani, R., Seyed-Tabatabaie, B.E. and Habibi, F. 2014. Salinity tolerance of *Aegilops cylindrica* genotypes collected from hyper-saline shores of Uremia Salt Lake using physiological traits and SSR markers. [Acta Physiologiae Plantarum](#). 36: 2246-2251.
 26. Abbasi, Z, Arzani, A., **Majidi**, M.M. 2014. Evaluation of genetic diversity of sugar beet (*Beta vulgaris* L.) crossing parents using agro-morphological traits and molecular markers. [Journal of Agricultural Science and Technology](#). 16: 1397-1411.
 27. Pirnajmedin, F., **Majidi**, M.M. and Gheysari, M. 2014. Root and physiological characteristics associated with drought tolerance in Iranian tall fescue. [Euphytica](#). 202: 141-155.
 28. **Majidi**, M.M. and Zadhoush, S. 2014. Molecular and Morphological Variation in a World-Wide Collection of Safflower. [Crop Science](#). 54: 2109-2119.
 29. Derakhshan, E. **Majidi**, M.M. Sharafi, Y and Mirlohi, A. 2014. Discrimination and genetic diversity of cultivated and wild safflowers (*Carthamus* spp.) using EST-microsatellite markers. [Biochemical Systematics and Ecology](#). 54: 130-136
 30. Araghi, B., Barati, M., **Majidi**, M.M. and Mirlohi, A. 2014. Application of Half-Sib Mating for Genetic Analysis of Forage Yield and Related Traits in *Bromus inermis*. [Euphytica](#). 196: 25-34.
 31. Karim-Mojeni, H., Bazrafshan, A.H., **Majidi**, M.M. Torabian, SH., Rashidi, B. 2014. Effect of maternal nitrogen and drought stress on seed dormancy and germinability of *Amaranthus retroflexus*. [Plant species biology](#). 29: 1-8.
 32. Zarabiyani, M., **Majidi**, M.M. and Ehtemam, M.H. 2013. Genetic diversity in a worldwide collection of sainfoin using morphological, anatomical and molecular markers. [Crop Science](#). 53: 2483-2496.
 33. Amini, F., **Majidi**, M. M and Mirlohi, A. 2013. Genetic and genotype \times environment interaction analysis for agronomical and some morphological traits in half-sib families of tall fescue. [Crop Science](#). 53: 411-421.
 34. Etemadi, N., Mohammadinejad, R., Zamani, N. and **Majidi**, M.M. 2013. Effect of transplanting date and harvest method on growth and survival of three urban tree species in an arid climate. [Arboriculture & urban forestry](#). 39: 211-217.
 35. Amiri, s., Karim-Mojenei, H., **Majidi**, M.M. and Bromand, A. 2013. Evaluation of post emergence herbicides to control weeds of newly planted sainfoin. [Plant Knowledge Journal](#). 2: 145-149.
 36. Ebrahimiyan, M., **Majidi**, M.M. and Mirlohi, A. and Noroozi, A. 2013. Physiological traits related to drought tolerance in tall fescue. [Euphytica](#). 190: 401-414.
 37. Ebrahimiyan, M., **Majidi**, M.M. and Mirlohi, A. 2012. Genotypic variation and selection of traits related to forage yield in tall fescue under irrigated and drought stress environments. [Grass and Forage Science](#). 68: 59-71.

38. Ebrahimiyan, M., Majidi, M.M. Mirlohi, A. and Gheysari, M. 2012. Drought tolerance indices in a tall fescue population and its polycross progenies. [Crop and Pasture Science](#). 63(4) 360-369.
39. Dashti, H., Bihamta M.R., Shirani, H., **Majidi**, M.M. 2012. Genetic analysis of salt tolerance in vegetative stage in wheat (*Triticum aestivum*). [Plant Omics Journal](#). 5: 19-21.
40. **Majidi**, M.M and Barati, M. 2011. Methods for breaking seed dormancy in one cultivated and two wild *Onobrychis* species. [Seed Science and Technology](#). 39: 44-53.
41. Amini, F., Mirlohi, A., **Majidi**, M. M., Shojaifar, S. and Kolliker R. 2011. Improved polycross breeding of tall fescue through marker based parental selection. [Plant Breeding](#). 130: 701-707.
42. **Majidi**, M. M., Tavakoli, V., Mirlohi, A. and Sabzalian, M. R. 2011. Wild safflower species (*Carthamus Oxyacanthus* Bieb.): A Possible Source of Drought Tolerance for Arid Environments. [Australian Journal of Crop Sciences](#). 5(8): 1055-1063.
43. Gharibi, Sh, Rahimmalek, M., Mirlohi, A. **Majidi**, M.M., Seyed tabatabaai, B.E. 2011. Assessment of genetic diversity in *Achillea millefolium* subsp. *millefolium* and *Achillea millefolium* subsp. *elbursensis* using morphological and ISSR markers. [Journal of Medicinal Plants Research](#). 5: 2413-2423.
44. Ghorbani, Z., Masoumi, A.A., Hemmat, A., Amiri Chayjan, R. and **Majidi**, M.M. 2011. Principle component modeling of energy consumption and physical-mechanical properties of alfalfa grind. [Australian Journal of Crop Sciences](#). 5(8): 932-938.
45. **Majidi**, M. M., A. F. Mirlohi. 2010. Genetic similarities among Iranian populations of *Festuca*, *Lolium*, *Bromus* and *Agropyron* using AFLP markers. [Iranian Journal of Biotechnology](#). 8 (1): 16-23.
46. **Majidi**, M. M., A. F. Mirlohi and F. Amini. 2009. Genetic variation, heritability and correlations of agro-morphological traits in tall fescue (*Festuca arundinacea* Schreb.). [Euphytica](#). 167: 323-331.
47. **Majidi**, M.M., A.F. Mirlohi and B. E.Sayed-Tabatabaei. 2006. AFLP analyses of genetic variation in Iranian fescue accessions. [Journal of Biological Science](#). 9 (10):1869-1876.

III. International conferences:

1. **Majidi**, M. M., Barati, M. and Mirlohi, A. 2016. Wild Barley (*Hordeum vulgare* ssp. *spontaneum*) as a Potential Source of Drought Tolerance Genes for Barley Improvement. Proc. of the 20th Eucarpia General Congress: Plant breeding, The Art of Bringing Science to Life. 29 Aug-1Sep, 2016. Zurich, Switzerland.
2. Kiani, M., Gheisari, M.M., Mostafazadeh, B. and **Majidi**, M.M. 2013. Development of a crop coefficient model for sunflower to save water in arid region. 6th International Perspective on Water Resources & the Environment. Ismir. Turkey.

3. Abbasi, Z., Arzani, A. and **Majidi, M.M.** 2012. Evaluation of sugarbeet monogerm O-type lines for salinity tolerance at vegetative stage. 8th Plant Science Student Conference. Germany.
4. Amini, F., Mirlohi, A.F., **Majidi, M.M.**, Shojaie Far, S. and Kolliker, R. 2010. Molecular and phenotypic marker based parental selection to improve forage yield of tall fescue populations. Proc. of the innovations in breeding methodology. March 15-17, 2010. Freising Weihenstephan, Germany.
5. Gharibi, S., Rahimmalek, M., Mirlohi, A., **Majidi, M.M.**, Sayed Tabatabaei, B.E. and Khorrami, K. Assessment of genetic variability among yarrow (*Achillea millefolium* L.) populations based on inter simple sequence repeat. 2010. PP 54-55. 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC). Antalya. Turkey. April 18-22, 2010.
6. Köllikerr, R., Bollerr B., **Majidi M. M.**, Peter-Schmidr M. K. I., Bassin S., and Widmer F. 2007. Characterization and utilization of genetic resources for improvement and Management of grassland species. In: Yamada, T. and G. Spangenberg. Molecular breeding of forage and turf. PP 55-70. The Proceedings of the 5th International Symposium on the Molecular Breeding of Forage and Turf.
7. **Majidi, M. M.** and A. Mirlohi. 2008. Genetic similarities among Iranian populations of *Festuca*, *Lolium*, *Bromus* and *Agropyron*, using AFLP markers. In: Prohens, J. and M. L. Badenes(eds). Modern Variety breeding for present and future needs, P 175. Proc. of the 18th EUCARPIA general congress. Valencia, Spain
8. **Majidi, M.M.** and A. Mirlohi. 2005. Effect of endophytic fungi on seed traits in tall fescue. Proc. of the 5th International Triticeae Symposium. June 6-10, 2005. Prague, Czech Republic.
9. **Majidi, M. M.** and A. F. Mirlohi. 2004. Seed traits in fescue as affected by fungal endophyte (*Neotyphodium spp*). Proc. of the 4th international Iran and Russia conference "Agriculture and natural resources ". September, 8-10, 2004, Shahrekord , Iran.
10. Arzani, A. and **Majidi, M. M.** 2001. Germination response and seedling vigour of sainfoin (*Onobrychis viciifolia* Scop.) seeds subjected to Ethyl methanesulfonat (EMS) treatment. Proc. of the 26th international seed testing congress, June 18-20, 2001. Angers, France.

IV. Farsi Journals (Selected):

1. Pirnajmedin, F. **Majidi, M.M.** and Kiyani, R. 2013. Evaluation of forage yield and root characteristics of tall fescue *Festuca arundinacea* genotypes under drought stress. Journal of Plant Process and Function. 2:41-48. (In Farsi with english abstract).
2. **Majidi, M.M.** and Mirlohi, A. 2012. Parent selection and progeny performance prediction based on EST-SSR markers compare with phenotypic selection in tall fescue. Modern Genetic. 27: 35-42. (In Farsi with english abstract).

3. Hashemi, F., Shobbar, Z.S. and **Majidi, M.M.** 2011. Functional Analysis of OsVP1 Using Rice Mutant Lines. *Journal of Agricultural Biotechnology*. 4: 89-102. (In Farsi with english abstract).
4. **Majidi, M.M.** 2011. Screening Canola germplasm for drought tolerance in germination and seedling growth stages using principal component analysis. *Journal of Crop Production and Processing*. 4: 41-51. (In Farsi with english abstract).
5. Baghaiiniya, M., **Majidi, M.M.** and Mirlohi, A. 2011. Evaluation of Agro-morphological traits of sainfoin genotypes (*Onobrychis viciifolia*) with natural and induced genetic variability. *Iranian Journal of Field Crop Science*. 42: 695-704. (In Farsi with english abstract).
6. Visipoor, A., **Majidi, M.M.**, Mirlohi, A. 2011. Traits relationship in sainfoin (*Onobrychis viciifolia*) under normal and water stress conditions. *Iranian Journal of Field Crop Science*. 42: 745-756. (In Farsi with english abstract).
7. Majidi, M.M., Askariniya, P., Amini, F. Ebrahimiyan, M. and Mirlohi, A. 2011. Pattern analysis of genotype by environment interaction for forage yield in tall fescue using AMMI method. *Iranian Journal of Rangelands and Forests plant Breeding Research*. 19: 134-152. (In Farsi with english abstract).
8. Dadkhah, M., **Majidi, M.M.** and Mirlohi, A. 2011. Multivariate analysis of relationships among different characters in Iranian Sainfoin populations (*Onobrychis viciifolia* Scop.). *Iranian Journal of Field Crop Science*. 42: 349-357. (In Farsi with english abstract).
9. Baghaiiniya, M., **Majidi, M.M.** and Mirlohi, A. 2011. Effects of induced mutation on general combining ability and association of traits in Sainfoin (*Onobrychis viciifolia* Scop). *Iranian Journal of Rangelands and Forests plant Breeding Research*. 18: 181-198. (In Farsi with english abstract).
10. Mohammadi, R., Khayam-Nekoui, M., Majidi, M.M., and Mirlohi, A. 2010. Estimation of yield potential and genetic variation of Orchard grass genotypes (*Dactylic glomerata*). *Electronic Journal of Crop Production*. 3:139-158 (In Farsi with english abstract).
11. **Majidi, M.M.** and Akbariyan, A. 2010. Cytogenetic analysis of some onobrychis species in central region of Iran. *Iranian Journal of Field Crop Science*. 41: 707-717. (In Farsi with english abstract).
12. Mohammadi, R., **Majidi, M.M.**, Khayam-Nekoui, M. and Mirlohi, A. 2010. Genetic variation of clonally propagated tall wheat grass genotypes (*Agropyron elongatum*). *Iranian Journal of Field Crop Science*. 41:355-364. (In Farsi with english abstract).
13. **Majidi, M.M.** 2010. Evaluation of seed yield and yield components in Iranian landraces and foreign varieties of tall fescue (*Festuca arundinacea* Schreb.). *Iranian Journal of Field Crop Science*. 41: 93-103. (In Farsi with english abstract).

14. **Majidi**, M. M. 2010. Evaluation of genetic diversity in breeding genotypes of Sainfoin under salt condition. Iranian Journal of Field Crop Science.41:645-653. (In Farsi with english abstract).
15. **Majidi**, M.M. 2010. Assessment of genetic diversity and relationships between seed traits in tall fescue populations using multivariate statistical analysis. Electronic Journal of Crop Production.2:135-148 (In Farsi with english abstract).
16. **Majidi**, M.M., Jazayeri, M.R. and Mohammadinejad, G. 2010. Effect of salt stress on germination characters and some ions accumulation of sainfoin (*Onobrychis viciifolia* Scop.) genotypes. Iranian journal of Rangelands and Forests plant Breeding Research. 17: 256-269. (In Farsi with english abstract).
17. **Majidi**, M.M. and Arzani, A. 2010. Study of relationship between morphological, agronomic and qualitative traits in sainfoin populations (*Onobrychis viciifolia*). Journal of Plant Production. 16: 159-172. (In Farsi with english abstract).
18. **Majidi**, M. M. 2009. Evaluation of seed yield and yield components in Iranian landraces and foreign varieties of tall fescue (*Festuca arundinacea* Schreb.). Electronic Journal of Crop Production. 2(4): 135-148. (In Farsi with english abstract).
19. **Majidi**, M.M., A.F. Mirlohi. 2009. Multivariate statistical analysis in Iranian and foreign tall fescue germplasm. Journal of Science and Technology of Agriculture and natural Resources 12 (1): 77-92. (In Farsi with english abstract).
20. **Majidi**, M.M., A.F. Mirlohi and .R. Mohammadi. 2009. Assessment of variation, correlation and genetic distance in tall fescue (*Festuca arundinacea* Schreb) accessions. Iranian Journal of Agricultural Sciences. 40(1): 89-98. (In Farsi with english abstract).
21. TohidiNejad, E., Korki, M., Mohamadinejad, G., **Majidi**, M.M. and Ahmadi-Afzadi, M. 2008. The effect of planting date and nitrogen levels on performance and essence of Matricaria (*Matricaria chamomilla*). Electronic Journal of Agriculture and Natural Resources of Gorgan. 1(1): 15-24. (In Farsi with english abstract).
22. **Majidi**, M.M., A. F. Mirlohi and M.R. Sabzealian 2007. Path coefficient analysis of fescue seed yield and its components affected by fungal endophyte. Journal of Science and Technology of Agriculture and natural Resources (Iran). 11(3) : 177-188. (In Farsi with english abstract).
23. **Majidi**, M.M. and A. F. Mirlohi. 2007. Effects of endophyte fungi on means and variances of seed yield and related traits in tall fescue. Journal of Science and Technology of Agriculture and natural Resources. 11 (1): 345-353. (In Farsi with english abstract).
24. **Majidi**, M.M. and A. Arzani. 2004. Study of induced mutation via Ethyl Methan Sulphonat (EMS) in Sainfoin (*Onobrychis viciifolia* Scop.). Journal of Agricultural Sciences and Technology. 18(2): 167-180. (In Farsi with english abstract).

