



Ali Moshatati

Associate Professor

College: Faculty of Agriculture

Papers in Journals

1. Seyed Ahmad Pourjamshid , Ali Moshatati, Seyed AtaAllah Siadat, Mohammad Reza Moradi Telavat and Aydin Khodaei Joghhan. The Effect of Different Combinations of Nitrogen Fertilizer with Sugarcane (*Saccharum officinarum* L.) Residue Compost and Cultivation Place on Growth and Yield of Silage Corn (*S.C.Y.F*) (*Zea mays* L.) under Drought Stress in Khuzestan. *Journal of Agroecology*. ۲۰۲۴.
2. M. Nosrati, M. R. Moradi Telavat, A. Moshatati and M. Gholamhosseini. Evaluation of Different Genotypes of Sesame in Terms of Stress Sensitivity and Tolerance Indices in Water Deficit Conditions. *Journal of Crop Production and Processing*. ۲۰۲۴.
3. Masoumeh Makvandi, Abdul Mahdi Bakhshandeh, Ali Moshatati, Mohammad Reza Moradi Telavat and Aydin Khodaei Joghhan. The Effect of Combined Use of Nitrogen Fertilizer and Sugarcane Residue Compost on Wheat Grain Qualitative Traits and Yield under Terminal Heat Stress Conditions in Ahwaz. *Journal of Crops Improvement*. ۲۰۲۴.
4. Mohamad Tahmasebi, Mohamad Hossain Gharineh, Ali Moshatati and Aydin Khodaei ۹ Joghhan. The Effect of Planting Method and Sugarcane (*Saccharum officinarum* L.) Residue Compost on Yield and Yield Components of Corn (*Zea mays* L.) and some Properties of Soil. *Journal of Agroecology*. ۲۰۲۳.
5. Somayyeh Chenany, Mohammad Reza Moradi ۹ Telavat, Ali Moshattati. Effect of Vermicompost and Boron Fertilizer on Growth, Yield and Uptake of Nitrogen and Boron in Safflower (*Carthamus tinctorious* L.). *Journal of Crops Improvement*. ۲۰۲۳.
6. A. Haghghi, S.A. Siadat, A. Moshatati, S.A. Mousavi. The Effect of Auxin Hormone Priming on Seed Germination Indices and Seedling Growth of Triticale (Sanabad Cultivar) under Salt Stress. *Iranian Journal of Seed Science and Technology*. ۲۰۲۳.
7. Masoumeh Makvandi, Abdul Mahdi Bakhshandeh, Ali Moshatati, Mohammad Reza Moradi Telavat and Aydin Khodaei Joghhan. Study the Response of Physiological Traits and Grain Yield to Integrated Use of Chemical Nitrogen Fertilizer with Sugarcane Residue Compost in Heat Stress Conditions. *Iranian Journal of Field Crops Research*. ۲۰۲۳.
8. Masoumeh Makvandi, Abdul Mahdi Bakhshandeh, Ali Moshatati, Mohammad Reza Moradi Telavat, Aydin Khodaei Joghhan. The effect of combined use of nitrogen fertilizer with sugarcane residue compost and growth promoting bacteria on wheat cv. 'Chmaran ۲' grain yield under terminal heat stress conditions in Ahwaz. *Journal of Crop Production*. ۲۰۲۳.
9. Pourjamshid. S.A., A. Moshatati, S.A. Siadat, M.R. Moradi Telavat and A. Khodaei Joghhan. Effect of drought stress, integrated application of chemical and organic fertilizers and seed sowing method on forage yield of silage maize (*Zea mays* L. SCY.F). *Iranian Journal of Crop Sciences*. ۲۰۲۳.
10. Seyed Mohammad Mola, Mohammad Reza Moradi Telavat, Ali Moshattati, Ali Ghatei, Nafiseh Rangzan. Reducing the physiological effects of heat stress at the end of the growing season by using

boron in three varieties of rapeseed (*Brassica napus* L.). *Plant Productions*. ۲۰۲۳.

11. Amin Haghighi, Sayed AtaAllah Siadat, Ali Moshatati and Sayed Amir Mousavi. The effect of salicylic acid priming on germination indices and seed vigor of triticale under salt stress. *Journal of Seed Research*. ۲۰۲۲.
12. Masoumeh Shahbazi, Aydin Khodaei Joghhan, Mohammad Reza Moradi Telavat, Ali Moshatati. Morphological and quantitative yield response of peppermint and guar to simultaneous and relay intercropping ratios. *Iranian Journal of Field Crop Science*. ۲۰۲۲.
13. Seyed Naser Safi, Ali Moshatati, Mohamad Hossain Gharineh, Aydin Khodaei, Joghhan. The response of physiologic and qualitative traits of triticale to sugarcane residue compost under drought stress condition. *Crop Production*. ۲۰۲۲.
14. Seyed Naser Safi, Ali Moshatati, Mohamad Hosein Gharineh and A. Khodaei, Joghhan. The Effect of Sugarcane Residue Compost on Growth and Grain Yield of Triticale under Drought Stress. *Plant Productions*. ۲۰۲۲.
15. F. Pirmoradi, A.M. Bakhshandeh, S. A. Moosavi, M. H. Gharineh, A. Moshatati. Quantification of Tolerance Thresholds of Ramlik (*Ziziphus nummularia* L.) Seed Germination to Salinity Stresses at Different Temperatures. *Iranian Journal of Seed Science and Technology*. ۲۰۲۲.
16. M. Tahmasebi, M. H. Gharineh, A. Moshatati and A. Khodaei, Joghhan. The Response of Morphological and Physiological Traits and Grain Yield of Corn to Planting Method and Sugarcane Residue Compost. *Journal of Crop Production and Processing*. ۲۰۲۲.
17. S. Seymarizadeh, A. Moshatati, A. Bakhshandeh, A. Khodaei, Joghhan, A. Koochakzadeh. The Effect of vermicompost on yield and yield components of wheat under terminal heat stress conditions in Ahwaz. *Environmental Stresses in Crop Sciences*. ۲۰۲۲.
18. M. Makvandi, A. Bakhshandeh, A. Khodaei Joghhan, A. Moshatati and M. R. Moradi Telavat. Photosynthetic Pigments Content and Grain Quality of Triticale as Affected by Mycorrhiza and Zeolite Enriched Manure Compost. *Journal of Crop Production and Processing*. ۲۰۲۱.
19. Shahbazi, M., A. Khodaei, Joghhan, M.R. Moradi, Telavat and A. Moshatati. Effect of simultaneous and overlapped intercropping ratios on essential oil yield of peppermint (*Mentha piperita* L.) and forage quality of guar (*Cyamopsis tetragonoloba* L.). *Iranian Journal of Crop Sciences*. ۲۰۲۱.
20. Seyed Nader Mosavian, Hamid Reza Eisvand, Naser Akbari, Ali Moshatati, Ahmad Ismaili. Do nitrogen and zinc application alleviate the adverse effect of heat stress on wheat (*Triticum aestivum* L.)?. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*. ۲۰۲۱.
21. Sh. Sepahvand, A. Koochekzadeh, A. Moshatati and A. Siahpoosh. The Effect of Nitrogen Levels and Plant Density on Grain and Oil Yield of Flax (*Linum usitatissimum* L.) in Ahwaz, South-west of Iran. *Journal of Crop Production and Processing*. ۲۰۲۰.
22. Ali Moshatati; Aydin Khodaei Joghhan; Seyed Ataollah Siadat; Seyyed Hashem Mousavi; Mohsen Rezaei. The effect of cattle manure and zeolite on bread wheat yield under drought stress condition. *Environmental Stresses in Crop Sciences*. ۲۰۲۰.
23. H. Abodeh, M. R. Moradi Telavat, A. Moshatati and S. H. Mousavi. The Response of Morphology, Yield and Yield Components of Spring Safflower Genotypes to Different Sowing Dates. *Journal of Crop Production and Processing*. ۲۰۲۰.
24. Aydin Khodaei; Ali moshatati; seyed hashem mousavi; Babak Pakdaman; Mahbubeh Abdollahi. Investigating the Alleviation of Water Deficit Stress on Wheat Growth and Yield Using Zeolite and Fungus *Piriformospora indica*. *Water Research in Agriculture*. ۲۰۲۰.
25. Saeidi, S.M., S. A. Siadat, A. Moshatati, M. R. Moradi, Joghhan and N. A. Sepahvand. Effect of sowing time and nitrogen fertilizer rates on growth, seed yield and nitrogen use efficiency of quinoa (*Chenopodium quinoa* Willd) in Ahwaz, Iran. *Iranian Journal of Crop Sciences*. ۲۰۲۰.
26. laleh parvin; mohammad hossein gharineh; aydin khodaei joghhan; ali moshatati. The effect of different concentration of humic acid foliar application in development stages on morphological characteristics and yield of Triticale. *Journal of Crop Production*. ۲۰۲۰.
27. M. Makvandi, A. Bakhshandeh, A. Khodaei Joghhan, A. Moshatati, M. R. Moradi Telavat. Effect of

- Zeolite Amended Cattle Manure Compost and Mycorrhiza Fungi Inoculation on Growth and Yield of Triticale (X *Tritico-secale* Wittmack). *Iranian Journal of Field Crops Research*. ۲۰۲۰.
28. L. Parvin, M. H. Gharineh, A. Khodaei Joghhan and A. Moshatati. The Effect of Humic Acid Foliar Application on some Qualitative Characteristics and Micronutrients Accumulation in the Shoot and Grain of Triticale (X *Tritico-secale* Wittmack). *Journal of Crop Production and Processing*. ۲۰۲۰.
29. S.N. Mosavian, N. Akbari, H. R. Eisvand, A. Ismaili and A. Moshatati. Effect of different nitrogen and zinc levels on grain yield and yield components of wheat (*Triticum aestivum* L.) cv. Chamran under late season heat stress conditions in Ahvaz. *Scientific Journal of Crop Physiology*. ۲۰۲۰.
30. Ahmadi Nouraldinvand, F., Moradi Telavat, M.R., Siadat, S.A. & Moshatati, A. The reaction of vegetative and reproductive growth of Guar (*Cyamopsis tetragonoloba* L.) to humic acid application with irrigation water in different planting densities. *Iranian Journal of Pulses Research*. ۲۰۱۹.
31. Ali Moshatati و Sayed Hashem Mousavi. Influence of sowing dates and zinc levels on yield and yield components of wheat. *Indian Journal of Agricultural Sciences*. ۲۰۱۹.
32. Moshatati, A. and S. H. Mousavi. Effect of zinc sulfate application on grain yield of bread wheat (*Triticum aestivum* L.) cv. Chamran under terminal heat stress conditions in Ahvaz. *Iranian Journal of Crop Sciences*. ۲۰۱۹.
33. Hana Aboodeh; Mohammad Reza Moradi Telavat; Ali Moshatati; Seyyed Hashem Mousavi. Evaluation of spring safflower genotypes by using tolerance and sensitivity indices to terminal heat stress. *Environmental Stresses in Crop Sciences*. ۲۰۱۹.
34. F. Ahmadi, M. R. Moradi talavat, A. A Siadat and A. Moshatati. Effect of Different Concentrations of Humic Acid on Guar (*Cyamopsis tetragonoloba* L.) Yield and Nutrients Uptake in Different Sowing Densities. *Journal of Crop Production and Processing*. ۲۰۱۹.
35. A. Moshatati, A. Siadat, KH. Alami Saeed, A. Bakhshande and M. R. Jalal Kamali. The Effect of Terminal Heat Stress on Grain Growth and Quantitative and Qualitative Yield of Spring Bread Wheat in Ahwaz. *Journal of Crop Production and Processing*. ۲۰۱۹.
36. A. Moshatati, S.A. Siadat, Kh. Alami , Saeid, A.M. Bakhshandeh and M.R. Jalal , Kamali. The effect of growth and development periods on grain yield of spring bread wheat under terminal heat stress in Ahwaz. *Environmental Stresses in Crop Sciences*. ۲۰۱۸.
37. A. Moshatati, S.A. Siadat, Kh. Alami , Saeid, A.M. Bakhshandeh, M.R. Jalal , Kamali, The impact of terminal heat stress on yield and heat tolerance of bread wheat, *International Journal of Plant Production*, 2017.