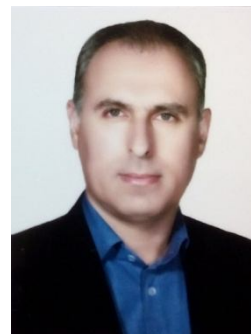


Seed and Plant Improvement Institute
Oil seed department
Fahmideh street
Karaj, 31359-33151
Iran
bmasoudi@gmail.com



Bahram Masoudi, PhD

Education: Plant breeding

Thesis

PhD thesis: Mapping of QTLs related to wheat salt tolerance in a population derived from cross between Roshan and Falat

Ms thesis: Evaluation of genetic diversity in exotic soybean genotypes

Research Experience

- 3 years work in molecular lab
- 4 years as soybean breeder

Skills & Activities

Skills Agricultural Biotechnology, SSR, Plants, Plant Genomics, Plant Phenotyping, Plant Genetics, Plant Biotechnology, Plant Molecular Biology, Plant Breeding, PCR, Seedling, Wheat, Abiotic Stress Tolerance, Legumes, Phenotyping, Molecular Markers, Molecular Plant Breeding, Molecular Breeding, Molecular Plant Physiology, Soybean

Languages Persian, English

Scientific Memberships Assistant Professor, Seed and Plant Improvement Institute

Interests QTL mapping, Abiotic stress

Publication Highlights

Journal Publications

Parastoo Majidian, Bahram Masoudi, Hamid Sadeghi Garmaroudi: *Preliminary Evaluation of Imported Cultivars and Pure Lines of Soybean (Glycine Max L.). Based on Agronomic Traits and Resistance to Phytophthora Rot.*

Mahdi Nezhad N., Jalal Kamali M. R., C.L. McIntyre, Fakheri B. A., Omid M., Masoudi B.: *Mapping QTLs with main and epistatic effect on Seri 'M82 × Babax' wheat population under salt stress.* Euphytica 07 / 2019; 215(7)., DOI:10.1007 / s10681-019-2450-1

Behnam Bakhshi, Mohammad Jaffara Aghai, Mohammad Reza Bihamta (Ghannadha, Eissa Zarifi, Bahram Masoudi: *A facile method to estimate total chromosome length of Aegilops genus.*

Bahram Masoudi: *An Evaluation of the Relationship between Grain Yield and Oil Percentage with Some Important Agronomic Traits in Sesame by Using Path Analysis and Principal Component Analysis.*

Bahram Masoudi, Mohsen Mardi, Eslam Majidi Hervan, Mohammad Reza Bihamta, Mohammad Reza Naghavi, Babak Nakhoda, Behnam Bakhshi, Mehrzad Ahmadi, Mohammad Taghi Tabatabaei, Mohamad Hossein Dehghani Firouzabadi: *Study of QTLs linked to awn length and their relationships with chloroplasts under control and saline environments in bread wheat.* Genes & genomics 10 / 2018;, DOI:10.1007 / s13258-018-0757-2

Faramarz Sohrabi Chah Hassan, Mahmood Solouki, Barat Ali Fakheri, Nafiseh Mahdi Nezhad, Bahram Masoudi: *Mapping QTLs for physiological and biochemical traits related to grain yield under control and terminal heat stress conditions in bread wheat (Triticum aestivum L.).* Physiology and Molecular Biology of Plants 08 / 2018; 24(6)., DOI:10.1007 / s12298-018-0590-8

Hazhir Beheshtizadeh, Barat Ali Fakheri, Reza Aghnoum, Nafiseh Mahdinezhad, Seyyed Saeid Pourdad, Bahram Masoudi: *QTL mapping of grain yield and its components under normal and drought stress conditions in barley (Hordeum vulgare L.).* Indian Journal of Genetics and Plant Breeding 01 / 2017; 78(1):69., DOI:10.5958 / 0975-6906.2018.00008.1

Bahram Masoudi, Mohsen Mardi, Eslam Majidi Hervan, Mohammad Reza Bihamta, Mohammad Reza Naghavi, Babak Nakhoda, Ashkboos Amini: *QTL Mapping of Salt Tolerance Traits with Different Effects at the Seedling Stage of Bread Wheat.* Plant Molecular Biology Reporter 03 / 2015; 33(6)., DOI:10.1007 / s11105-015-0874-x

Bahram Masoudi, E. Majidi Hervan, M. Mardi, M. R. Bihamta, M. R. Naghavi, B. Nakhoda, A. Amini, S. M. T. Tabatabaei, M. H. Dehghan, M. Kazemi Alamuti, M. Farsi, L. Karimi Farsad: *Evaluation of salinity tolerance in wheat recombinant inbred lines using salinity stress tolerance indices.*

Bahram Masoudi, E. Majidi Hervan, M. Mardi, M. R. Bihamta, M. R. Naghavi, B. Nakhoda, A. Amini: *QTL mapping of genes controlling Na⁺ and K⁺ concentration in roots and shoots of wheat under normal and salt stress conditions.*

Bahram Masoudi, M. R. Bihamta, S. A. Peyghambari, H. R. Babaei: *Evaluation of agronomic traits variability in different soybean growth types by using principal component analysis.*

- Bahram Masoudi, Mohsen Mardi, Eslam Majidi Hervan, Mohammad Reza Bihamta, Mohammad Reza Naghavi: *Physiological response of wheat (Triticum aestivum L.) cultivars and inbred lines to salinity stress at the seedling stage International Journal of Biosciences | IJB |*. DOI:10.12692/ijb/4.11.60-69
- Bahram Masoudi, M. R. Bihamta, S. A. Peyghambari, H. R. Babaei: *Relationships of grain oil and protein contents with some important agronomic traits in soybean using path and canonical correlation analyses.*
- Bahram Masoudi, M. R. Bihamta, H. R. Babaei, S. A. Peyghambari: *Factor analysis for morphological and phenological traits in Soybean (Glycine max L.).*
- Bahram Masoudi, M. R. Bihamta, H. R. Babaei, S. A. Peyghambari: *An Evaluation of the Relationship between Grain Yield & Biological Yield, and Some Important Agronomic Traits in Soybean, Using Path Analysis.*
- Bahram Masoudi, M. R. Bihamta, H. R. Babaei, S. A. Peyghambari: *Evaluation of Genetic Diversity for Agronomic, Morphological and Phenological Traits in Soybean.*
- M R Bihamta, S A Peyghambari, B Masoudi, H R Babaei: *Evaluation of Planting Date Effect on Some Agronomic Traits in Determinate, Semi Determinate and Indeterminate Soybeans.*

Conference Proceedings

- Mehrzaad Ahmadi, Bahram Masoudi: *Relationship between grain yield and other agronomic traits by using path analysis and principal component analysis in sesame.* 15 th National Iranian Crop Science Congress, Karaj, Iran; 08/2018
- Mehrzaad Ahmadi, Bahram Masoudi: *Investigation of accelerated aging on germination and growing of sesame (Sesamum indicum L.) seedlings varieties.* ICANC-2, Tehran; 07/2017