

Curriculum Vitae



NAME & SURNAME: Payman Hassibi

DATE OF BIRTH: October 23, 1970



ADDRESS, SUBURB, STATE, POSTAL CODE: Department of Production Engineering and Plant Genetics, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz, Iran, Post code: 61355-83151



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PROFESSIONAL PROFILE:

Associate Professor of Crop Physiology in Shahid Chamran University (SCU) of Ahvaz

EDUCATION BACKGROUND:

Ph.D.: Crop Physiology (Molecular physiology, oxidative & environmental stresses), (2008), Shahid Chamran University of Ahvaz, Ahvaz, Iran.

Thesis title:

“Fisibility of spring cultivation of sugar beet (*Beta vulgaris* L.) genotypes with two methods included transplanting and direct sowing in Ahvaz climatic conditions.”

M.Sc.: Agronomy (2003), Shahid Chamran University of Ahvaz, Ahvaz, Iran.

Dissertation title:

“Physiological effects of low temperature stress in the seedling stage of different rice (*Oryza sativa* L.) genotypes”

Ph.D.: Crop Physiology (2008). Agricultural Biotechnology Research Institute, Karaj, Iran

TEACHING AND TRAINING EXPERINCE:

B.Sc. Courses:

Botany (anatomy and physiology), Forage Crops, Weed Control, Range Management, Agricultural Operations, Computer Applications in Agriculture, Agronomic Operations, The Meeting of Discussion, Principles of Plant Nutrition and undergraduate projects.

M.sc. Courses:

Advanced Agronomy, Weeds & Herbicides Physiology, Plant Nutrition Physiology, Sustainable Production of Crops, Production Ecophysiology of Crops for MSc. students.

Ph.D. Courses:

Plant Ecophysiology, Laboratory methods in physiology for Ph.D. Students.

HONOURS AND AWARDS:

- First grade graduate in M.Sc. Degree at Shahid Chamran University in 2002.
- Best Agronomy Expert of Khuzestan Province in 1999-2000 Growing Season.
- Best Academic Member in the Department of Agronomy & Plant Breeding.
- Best Head of Department in 2017.
- Winning the award of Vice President for Science and Technology for the best national project in the field of economic desertification control, December 2016, the second start-up festival and symposium of knowledge-based companies, Tehran.
- Winning the prize of the best project of the Khuzestan ITAP Festival from Khuzestan Science and Technology Park, June 2018.

INTERESTS AND RESEARCH FIELDS:

Molecular Physiology, Physiology of Environmental and Oxidative Stress, Anatomy and Plant Physiology, Ecophysiology

RESEARCH ACTIVITIES:

PUBLICATIONS:

- Hassibi, P., Moradi, F., and Nabipour, M. 2007. Screening of rice genotypes for low temperature stress tolerance using chlorophyll fluorescence. Iranian Journal of Crop Science. Volume ninth. No. 1 (33):14-31. Spring 2007.
- Hassibi, P., Moradi, F., and Nabipour, M. 2008. Effect of low temperature on the mechanism of antioxidant of sensitive and tolerant rice genotypes in the seedling stage. Iranian Journal of Crop Science. Volume tenth. No. 3 (39):262-280. Fall 2008.
- Hassibi, P., Nabipur, M., and Moradi, F. 2010. Role of some cryoprotectants in the induction of low temperature stress tolerance in rice seedling. Electronic Journal of Crop Production. Spring 2010. Volume 3 (1): 39-56. Spring 2010.

- Narimani, F., Mamaghani, R. and Hassibi, P. 2009. Effect of planting method and planting proportion on forage yield and growth indices in barley and broad leaf vetch (*Vicia narbonensis*) mixture in Ahvaz climatic conditions. *Research on Crops*. 10 (2): 385-391 (2009).
- Mafakher, E., Meskarbashi, M., Hassibi, P. and Mashayekhi, M. 2010. Study of chemical composition and quality characteristics of corn, sunflower and corn-sunflower mixture silages. *Asian Journal of Animal and Veterinary Advances*. 2010 Academic Journal Inc. pp: 1-5.
- Narimani, F., Mamaghani, R. and Hassibi, P. 2009. A study on quantitative and qualitative characters of forage in barley and broad leaf vetch (*Vicia narbonensis*) intercropping in climatic conditions of Ahvaz, Iran. *Research on Crops*. 10 (3): 523-529 (2009).
- Mafakher, E., Meskarbashi, M., Hassibi, P. and Mashayekhi, M. 2010. Evaluation of sunflower silage in different developmental stages. *Asian Journal of Crop Science* 2 (1): 20- 24, 2010.
- Hosseini, S.M., and Hassibi, P. 2011. Effects of water deficit stress on several quantitative and qualitative characteristics of canola (*Brassica napus* L.) cultivars. *Notulae Scientia Biologicae*. 2011 Academic Journal Inc. 3 (3): 120-125.
- Hassibi, P., Kashani, A., And Mamaghany, R. 2011. Feasibility study of spring culture of three sugar beet (*Beta vulgaris* L.) cultivars by paperpot and direct sowing methods in Ahvaz. *Plant Production (Scientific Journal of Agricultural)*. Volume 33(2): 41-54.
- Hassibi, P., Zandieh, L, Ghaemmaghami, N., Rashidi Rizwan, N., Najafi, H., Ghaemmaghami, F. 2010. Study of some physiological characteristics of two wheat (*Triticum aestivum* L.) cultivars under sodium chloride and calcium chloride salinity stress. *Journal of Crop Physiology*. 2 (2), Summer 2010. Pp. 3-24.
- Mafakher, E., Meskarbashi, M., Hassibi, P. and Mashayekhi, M.. 2011. Forage production and silage quality and quantity of sunflower at different growth stages. *Plant production, (Scientific Journal of Agriculture)*. Volume 34(1): 131-138.
- Mafakher, E., Meskarbashi, M., Hassibi, P. and Mashayekhi, M., Baghaee-pour, J. 2011. Evaluation of chemical composition, fermentation quality, and digestibility of silage forage of (*Helianthus annuus* L.) in different developmental stages. *Journal of Iranian Crop Science*. 42(1): 105-113.
- Effect of Drought Stress and Silica Spraying on Some Physiological and Functional Traits of Canola Cultivars , ebrahim Fani : First author, Payman Hassibi : second author, Moosa Meskarbashee : Third author, Khosro Mehdi Khanlou : Fourth author, Abdolreza Seid Ahmadi : Author5, *Journal BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE*, JournalNumber 1, Page 62 - 66 , Publisher the Agricultural Academy in Bulgaria , 01-01-2019.
- Evaluation of antioxidant bioindicators and growth responses in *Malva parviflora* L. exposed to cadmium , Parzhak Zoufan : First author, Roya Jalali : second author, Payman Hassibi : Third author, Elhan Neisi : Fourth author, Saadat Rastegarzadeh : Author5, *Journal Physiology and Molecular Biology of Plants* , JCR , JournalNumber 6 , Page 1005 - 1016 , Publisher springer , 10-18-2018.
- Oxidative Damage and Antioxidant Response in *Chenopodium murale* L. Exposed to Elevated Levels of Zn , Parzhak Zoufan: First author, Amer Karimi Afshar :second author, Sara Shokati: Third author, Payman Hassibi: Fourth author, Saadat Rastegarzadeh: Author5, *Journal BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY*, JCR, JournalNumber 6, Page 1 - 15, Publisher Instituto de Tecnologia do Paraná - Tecpar , 06-

15-2018.

- The effect of salicylic acid on ion relations and some biochemical traits of two sugar beet cultivars under salinity stress, maryam mohammadi: First author, HABIBOLLAH ROSHANFEKR: second author, Payman Hassibi: Third author, Moosa Meskarbashee: Fourth author, Journal Journal of Biodiversity and Environmental Sciences, JournalNumber 2, Page 40-49, Publisher INTERNATIONAL NETWORK NATURAL SCIENCES-INNSPUB, 01-02-2015
- The glucose-intermediate role in ABA signaling and its influence on several physiological characteristics of rice (*Oryza sativa* L.) seedling during low temperature stress, Payman Hassibi: First author, Majid Nabipour: second author, foad moradi: Third author, Journal International Journal of AgriScience, JournalNumber 1, Page 381 - 389, Publisher null, 11-22-2011.
- Effects of Water Deficit Stress on Several Quantitative and Qualitative Characteristics of Canola (*Brassica napus* L.) Cultivars, mohamad hosini: First author, Payman Hassibi: second author, Journal Notulae Scientia Biologiae, JournalNumber 3, Page 120 - 125, Publisher Romanian University of Agricultural science, 09-21-2011.
- Evaluation of sunflower silage in different developmental stages, elahe mafakher: First author, Moosa Meskarbashee: second author, Payman Hassibi : Third author, mohamad mashaiekh: Fourth author, Journal Asian journal of Crop Science, JournalNumber 1, Page 20 - 24, Publisher Asian Network for Scientific Information, 02-19-2010.
- Study of chemical composition and quality characteristics of corn, sunflower and corn-sunflower mixture silages, elahe mafakher: First author, Moosa Meskarbashee: second author, Payman Hassibi: Third author, mohamad mashaiekh: Fourth author, Journal Asian Journal of Animal & Veterinary Advanced, JournalNumber 5, Page 175 - 179, Publisher Feisal Abad University, 2020.
- A study on quantitative and qualitative characters of forage in barley and broad leaf vetch (*Vicia narbonensis*) intercropping in climatic conditions of Ahvaz, Iran, Farhad Narimani: First author, raza mamghani: second author, Payman Hassibi: Third author, Journal research on crops, JournalNumber 3 , Page 523 - 529 , Publisher Agricultural research information center, 09-23-2009
- Effect of planting method and planting proportion on forage yield and growth indices in barley and broad leaf vetch (*Vicia narbonensis*) mixture in ahvaz climatic conditions, Farhad Narimani: First author, raza mamghani : second author, Payman Hassibi: Third author, Journal research on crops, JournalNumber 2, Page 385 - 391, Publisher Agricultural research information center, 08-21-2009.

CONFERENCE PRESENTATIONS:

- Hosseini, M., Hassibi, P., and Andarzayan, B. 2009. Study of physiological effects of water deficit stress in different Rapeseed (*Brassica napus* L.) cultivars. National Conference of Oilseed Crop. Isfahan Industrial University. 1-2 October 2009. Page 55.
- Hassibi, P., Nabipour, M. and Moradi, F. 2010. Using chlorophyll fluorescence to screening of rice (*Oryza sativa* L.) genotypes. XIth ESA (European Society for Agronomy) Congress, Agro 2010 Montpellier, France. Proceeding of AGRO 2010, The International Scientific Week Around Agronomy, 29 August - 03 September 2010, Corum conference center, and La Gaillarde campus. pp. 593-594. Full text paper.
- Assadi-nasab, N., Hassibi, P., Roshanfekr, H., Meskarbashee, M. 2011. Some physiological responses of different varieties of sugar beet (*Beta vulgaris* L.) under salinity stress. The

first national conference on strategies to achieve sustainable agriculture. Ahvaz University, Iran. Pp. 10-1. The full paper.

- Assadi-nasab, N., Hassibi, P., Roshanfekar, H., Meskarbashee, M. 2011. Evaluation of some physiological and morphological responses of three genotypes of sugar beet (*Beta vulgaris* L.) in saline soil. The first national congress of agricultural science and new technologies. Zanjan University, Iran. P: 197.
- Assadi-nasab, N., Hassibi, P., Roshanfekar, H., Meskarbashee, M. 2011. Effects of different amounts of salt in the soil on the growth and gas exchange in sugar beet genotypes (*Beta vulgaris* L.). The first National Congress of Agricultural Sciences and new technologies. Zanjan University, Iran. p 192.
- Assadi-nasab, N., Hassibi, P., Roshanfekar, H., Meskarbashee, M. 2011. Effects of salinity on growth and gas exchange in different sugar beet genotypes. Iranian National Conference of Plant Physiology. Yazd University, Iran. Page 59. Abstract.
- Tahmasbi, F., Hassibi, P., Roshanfekar, H., Meskarbashee, M. 2011. The effect of CaCl₂ and NaCl on some physiological characteristics of different genotypes of canola (*Brassica napus* L.). Iranian National Conference of Plant Physiology. Yazd University, Iran. Page: 314. Abstract.
- Mafakher, E., Meskarbashee, M., Hassibi, P., Mashayekhi, M. 2010. Chemical composition and nutritional value of fresh and ensiled spring forage maize and sunflower. Animal Science Congress of Iran. Iranian Society of Animal Science. Karaj. Pages 1845-1842. The full text paper.
- Narimani, F., Mamaghani, R., Hassibi, P. 2009. Evaluate the usefulness of pure and mixed cultures of barley and broad leaf vetch. Abstract. National Congress on water, soil, plant and agricultural mechanization. Dezfoul University, Iran. P: 56.
- Effect of planting methods and proportions of barley and vetch in mixed grown in Ahvaz. 2008 (research project of Masters Thesis. The Advisor). Location: Faculty of Agriculture, Shahid Chamran University.
- Assessment of forage and silage quality and quantity in mixed cultivation of spring corn (*Zea mays* L.) and sunflower (*Helianthus annuus* L.) in Ahvaz. 2009 (research project of Masters Thesis. Position: Supervisor). Location: Faculty of Agriculture, Shahid Chamran University.
- Effect of water deficit stress on some physiological properties of three canola (*Brassica napus* L.) genotypes in Ahvaz. 2009 (research project of Masters Thesis. Position: Supervisor). Location: Faculty of Agriculture, Shahid Chamran University.
- Physiological effects of irrigation with saline water in the three canola (*Brassica napus* L.) cultivars in Ahvaz. 2009 (in the research design Masters Thesis. Position: Supervisor). Location: Faculty of Agriculture, Shahid Chamran University.
- Simulation of the best winter rice (*Oryza sativa* L.) planting date in Khuzestan plain. 2010 (research project of Masters Thesis. Position: Supervisor). Location plan: Shavoor Rice Research Station and Faculty of Agriculture, Shahid Chamran University).
- Investigation of some physiological characteristics of wheat (*Triticum aestivum* L.) in different levels of salinity. 2009 (top research project of undergraduate students. Position: Supervisor).
- Foliar application effect of polyamines and some essential nutrients on some quantitative and qualitative characteristics of different wheat (*Triticum aestivum* L.) cultivars in Ahvaz. (Master's thesis research project of MS. Maryam Emadi. Position: Supervisor). In 2010. Project: Faculty of Agriculture, Shahid Chamran University.

- Evaluation of allelopathic effects of some narrow leaves weeds species on some plant species (crop and weed). (Master's thesis of Hoda Noureddine Moussa in a research project jointly with Dr. Farzaneh. Position: Supervisor). In 2010. Location: Faculty of Agriculture, Shahid Chamran University.
- Effect of different levels of salinity on yield and some physiological characteristics of two forage millet cultivars in Ahvaz weather conditions. (Master's thesis of Mr. Hussein research project jointly with, Dr. Roshanfekar. Position: Supervisor). In 2011. Location: Faculty of Agriculture, Shahid Chamran University.
- Effect of irrigation regimes on yield and quality of forage millet cultivars in Ahvaz weather conditions. (In the form of a joint research project with Dr. Roshanfekar. MSc. Thesis of Ms. Kobra Najafi. Position: Supervisor). In 2011. Location: Faculty of Agriculture, Shahid Chamran University.
- Effect of silicon on corn (*Zea mays* L.) grown under salinity conditions and hydroponic culture. (Master's thesis research project of Mr. Rohani poor. The Advisor). 2009. Location: Faculty of Agriculture, Shahid Chamran University.
- Effects of salinity on different genotypes of sugar beet (*Beta vulgaris* L.) seedlings (Master's thesis of Nafiseh Asadi Nassab. In a research project jointly with the doctor Roshanfekar. Position: Supervisor). In 2010. Location: Faculty of Agriculture, Shahid Chamran University.
- Evaluation of some qualitative and quantitative characterization of different genotypes of oat (*Avena sativa* L.) in Ahvaz. (In a Master's thesis research project jointly with Dr. Roshanfekar. Position: Supervisor). In 2011. Location: Faculty of Agriculture, Shahid Chamran University.
- Effect of different chemical treatments on the germination and seedling growth characteristics in different genotypes of sugar beet (*Beta vulgaris* L.). (In a Master's thesis research project jointly with Dr. Alavi Roshanfekar. Position: Supervisor). In 1389. Location: Faculty of Agriculture, Shahid Chamran University.

RESEARCH PROJECTS:

- Investigating the quantitative and qualitative characteristics of some common weed species in the warm steppe climate of Khuzestan province, Payman Hassibi: responsible executive.
- Investigating some physiological characteristics of spring corn under limited irrigation conditions, Habibolah Roshanfekar: responsible executive, Payman Hassibi: Second executive.
- A review of some physiological characteristics of wheat (*Triticum aestivum* L.) at different levels of salinity, Payman Hassibi: responsible executive.

PROFESSIONAL MEMBERSHIPS:

- Member of the Iranian Society of Agricultural Sciences and Plant Breeding
- Editorial Board of The Plant Production Journal
- Editorial Board of Crop Physiology Journal
- Editorial Board of Crop Nutrition Science Journal

Curriculum Vitae



LANGUAGES:

PERSIAN: Native
ENGLISH: Advanced