

---

Zeinolabedin Tahmasebi -Sarvestani (PhD)

Associate professor of Agronomy

Department of Agronomy

Tarbiat Modares University (TMU)

Post Code : 14117-13116, Tehran, IRAN

Tell: + (98) 9122185864

**link:** <http://www.modares.ac.ir/agr/tahmaseb>

**Email:** [Tahmaseb@modare.ac.ir](mailto:Tahmaseb@modare.ac.ir)

---

## **EDUCATION**

- 1- **Ph.D.** Agronomy/plant physiology, Adelaide (Australia) University, 1995

**PhD Thesis Title:** Water stress and remobilization of dry matter and nitrogen in wheat and barley genotypes. <http://digital.library.adelaide.edu.au/dspace/handle/2440/14759>

- 2- **M. Sc.** Esfahan University of Technology, Agronomy, 1989
- 3- **B. Sc.** Shiraz University, Crop science, 1985

## **PROFESSIONAL EXPERIENCES**

1. Associate professor Tarbiat Modares University, Tehran, Iran
2. Deputy Cultural Consulting and Training Research Plan and Budget Organization Country
3. Director of Agronomy Department
4. Ilam University President
5. Volume VII Representative Assembly
6. Member of the Central Council of Agriculture and Natural Resources Engineering

## **CURRENT PURSUITS**

Faculty of agriculture, University of Tarbiat Modares, Tehran, (1996- continued)

## **COURSES TAUGHT**

1. Supplementary Agronomy, Effects of Environmental stress on plants
2. Crop production

## **Research Interests**

1. Physiological research on crop production and crop physiology related to environmental stress
2. Agronomy (Crop production)
3. Remobilization of N and DM in plants under environmental stresses

-

## **MEMBERS OF EDITORIAL BOARDS OF EXTENTION SCIENTIFIC JOURNALS**

1. Seed and Plant Journal
2. Budget and Planning
3. Iranian Journal of Field Crop Science
4. pazhohesh and Sazandegi

## Memberships in Societies

1. Iranian Society of Agronomy and Plant breeding Sciences
2. Iranian Society of Biotechnology

## SUPERVISED MSC & PHD STUDENTS

Too many MSc and PhD students supervised.

More detail appeared in Persian in the following link: <http://www.modares.ac.ir/agr/tahmasebi>

-

## Publications

### Dr TAHMASEBI BUBLISHED OVER 100 ARTICLES

### EXAMPLES OF REFEREED JOURNAL PUBLICATIONS:

### PUBLISHED INTERNATIONAL JOURNAL ARTICLES

1. E, Roohi., Z, Tahmasebi Sarvestani., S. A. M, Modarres-Sanavy, and A. Siosemardeh. 2013. Comparative Study on the Effect of Soil Water Stress on Photosynthesis Function of Triticale, Bread Wheat and Barley. Journal of Agricultural Science and Technology. 2:215-228
2. B, Amiri Larijani., Z, Tahmasebi-Sarvestani., Gh. Nematzadeh, A.M. Manschadi and E. Amiri. 2011. Simulating Phenology, Growth and Yield of Transplanted Rice at Different Seedling Ages in Northern Iran Using ORYZA2000. Rice Science. 18:221-334
3. A, Bahrani, H. Heidari Sharif Abad., and Z, Tahmasebi-Sarvestani. 2011. Remobilization of dry matter in wheat: effects of nitrogen application and post-anthesis water deficit during grain filling. New Zealand Journal of Crop and Horticultural Science. 279-293
4. R, Rahimi-Dehgolan, Z, Tahmasebi Sarvestani., S. A., Rezazadeh, and A, Dolatab. 2012. Morphological and Physiological Characters of Aloe vera Saline Water Irrigation, Journal of Herbs, Spices & medicinal Plants.18:222-230
5. H, Kazemi-Poshtmasari., Z, Tahmasebi Sarvestani., B, Kamkar and S, Shataei, Sohrab Sadeghi. 2012. Comparison of interpolation methods for estimating pH and EC in agricultural fields of Golestan province (north of Iran). International Journal of Agriculture and Crop Sciences. 4:157-167
6. S, Hazrati., Z, Tahmasebi Sarvestani and A, Babaei. 2012. Enhancing yield and aloin concentration of Aloe vera plants by simultaneous application of nitrogen and Benzyladenine. Journal of Medicinal Plants Research. 6:1834-1841
7. H, Omidi., Z, Tahmasebi- Sarvestani., HA, Naghdi Badi and H, T, Miransar. 2010. Fatty acid composition of canola (*Brassica napus* L.) as affected by agronomical, genotypic and environmental parameters. Comptes Rendus Biologies. 3:248-254
8. S, hazrati., Z, Tahmasebi Sarvestani and S, Ramezan. 2011. Effect of different harvest dates on growth characteristics and aloin content of *Aloe barbadensis* miller.5: 439-442
9. H, Omidi., Z, Tahmasebi., H, Torabi and M. Miransar. 2008. Soil enzymatic activities and available P and Zn ac affected by tillage practices canola cultivar and planting date. European Journal of Soil Biology. 442-450
10. R, Bagheri., G A, Akbari., M. H, Kianmehr., Z, Tahmasebi-Sarvestani and M,

- Younessi Hamzekhanlu.2010. The effect of pellet fertilizer application on corn yield and its components. African journal of agricultural reasearc. 2364-2371
11. S.J, Hosseini., Z, **Tahmasebi Sarvestani** and H, Pirdashti. 2012. Analysis of Tolerance Indices in Some Rice (*Oryza sativa* L.) Genotypes at Salt Stress Condition. International Research Journal of Applied and Basic Sciences.1-10
  12. Z, **Tahmasebi Sarvestani**., C. F. Jenner and G. Mac Donald. 2003. Dry matter and nitrogen remobilization of two wheat genotypes under post - anthesis water stress conditions. j. agric. sci. technol. (2003) vol. 5: 21-29
  13. H.R, Balouchi, Z, **Tahmasbi Sarvestani** and S. A. M, Modarres Sanavy. 2005. Agronomic Factors on Selected Hulless Barley Genotypes. 4 (4): 333-339
  14. H, Pirdashti., Z, **Tahmasebi-Sarvestani** and M .A Bahmanyar. 2009. Comparison of Physiological Responses among Four Contrast Rice Cultivars under Drought Stress Conditions. Proceedings of World Academy of Science: Engineering & Technolog.37:52-53
  15. S, hazrati, Z, **Tahmasebi Sarvestani** and A, Salehi. 2013. The effect of differential nitrogen fertilization on morphological and physiological traits of *aloe vera* plants. International Research Journal of Applied and Basic Sciences. 4:682-687
  16. H, Pirdashti and Z, **Tahmasebi Sarvestani** .2009. Bahmanyar Comparison of Physiological Responses among Four Contrast Rice Cultivars under Drought Stress Conditions. Proceedings of World academy of Science, Engineering and Technology.52-53
  17. . R, Bagheri, G.A, Akbari., M. H. Kianmehr., Z, **Tahmasebi Sarvestani** and M, Younessi- Hamzekhanlu. 2011. The effect of pellet fertilizer application on corn yield and its components. African journal of agricultural research.6: 2364-2371
  18. S. J., Hosseini, Z, **Tahmasebi sarvestani**, H, Pirdashti2 , A, Afkhami and Z, Rabiei. 2014. Evaluation of direct and indirect effects of some traits in different rice genotypes under salt stress conditions using path analysis. Advance in Agriculture and Biology. 2 (1): 18-24

#### PUBLISHED NATIONAL JOURNAL PEER REVIEWED ARTICLES

1. H, Kazemi., Z, **Tahmasebi-Sarvestani**., B, Kamkar, S.h, Shataei and S, Sadeghi. 2013 .Agro-Ecological Zoning of Golestan Province Lands for Soybean Cultivation Using Geographical In Formation System (GIS).agriculture science and sustabable production.23 (4):21-41(In Persian).
2. B, Amiri., Z, **Tahmasebi- Sarvestani** and GH, Nematzadeh. 2013. Simulation of Leaf Area Index, Biomass and Grain Yield of Rice Cultivars at Different Seedling Ages Using ORYZA2000 Model. Seed and Plant Production Journal.3:2-29(In Persian).
3. S, Hazrati and Z, **Tahmasebi -Sarvestani**. 2012. Effects of different nitrogen fertilizer levels and hormone benzyl adenine (BA) on growth and offset production of *Aloe vera* L. Iranian Journal of Medicinal and Aromatic Plants. 28( 2) (In Persian).
4. M, Daneshvar., Z, **Tahmasebi -Sarvestani**., S.A.M. Modares Sanavy and A.H. Shirani Rad.2008. Effect of irrigation and nitrogen fertilizer on agronomical and physiological traits of two canola (*Brassica napus* L.) cultivars. J. Agric. Sci. Natur. Resour. 15(4) (In Persian).
5. M, mustafavi Rad and Z, **Tahmasebi -sarvestani** . 2008. Effect of Zn and Mn micronutrient element on yield and some agronomic traits in three wheat cultivars. Pajouhesh & sazandegi. 80: 2 - 8(In Persian).

6. M. M, Rahimi., D.Mazaheri and Z, **Tahmasebi-Sarvestani**. 2004. Estimation of investment return of improved varieties in irrigated wheat crop in Iran. *Pajouhsh& Sazandegi*.64: 22-32. (In Persian).
7. Kh, Fasihi., Z, **Tahmasebi-Sarvestani** and S.A.M. Modares Sanavy. 2007. Effect of annual medic grec manure and biofertilizar on dryland winter wheat yield in ilam. *J.agric. nature. Resour*.13 (2) (In Persian).
8. A, Dehshiri., A, Ahmadi and Z, **Tahmasebi Sarvestani**. 2001. Response of canola cultivars to water stress ttreatments. *Iraninan journal agriculture science*. 23:449-659 (In Persian).
9. M, Mostafavi Rad., Z, **Tahmasebi -Sarvestani** and V.R, Mahmoodi. 2006. The effect of nitrogen fertilizer on dry matter and nitrogen remobilization, yield and yield components in rice cultivars. *J.agric. nature. Resour*. 13 (3): (In Persian).
10. H, pirdashti., Z, **Tahmasebi -Sarvestani** and M. Nasiri. 2001. Study on dry matter and nitrogen remobilization in rice genotypes under different transplanting dates. *Iraninan journal agriculture science*. 5(1):46-56 (In Persian).
11. M, Mostafavi Rad and Z, **Tahmasebi-Sarvestani**. 2006. The study of nitrogen remobilization of rice genotypes under different nitrogen fertilizer levels. *J.agric. nature. Resour*. 13(2) (In Persian).
12. S.H, Jahanbin., Z. **Tahmasebi- Sarvestani** and S.A.M. Modares Sanavy . 2001. Study of some quantatitative traits and response of hull-less barely genotypes under terminal heat stress condations. *Iraninan journal agriculture science*. 4(4):265-276(In Persian).
13. M, Daneshvar., Z, **Tahmasebi Sarvestani.**, S.A.M. Modares Sanavy and A.H., Shirani Rad. 2008. Effect of irrigation and nitrogen fertilizer on agronomical and physiological traits of two canola (*Brassica napus* L.) cultivars. *J. Agric. Sci. Natur. Resour*. 15(4) (In Persian).
14. S, Jahanbin., Z, **Tahmasbi sarvestani**. A.A.,modarres., A.M.,karimzadeh. 2004. Effect of drought stress on yield, yield components and resistance indices of hull-less barley genotypes. 10(4); 25-34 (In Persian).
15. E, Roohi, Z, **Tahmasebi Sarvestani** and S. A.M, Modarres- Sanavy . 2001. Study on yield quantitative and qualitative characteristics of dryland wheat genotypes under supplemental irrigation condation. *Iranian Journal of Field Crop Science*.3 (1): 47-55 (In Persian).
16. S, Galeshi., Z, **Tahmasebi Sarvestani** and S. A.M, Modarres- Sanavy . 2000. Effect of water loading on growth and fixation nitrogen in *Trifolium Subterraneum*. *Journal of Agricultural Sciences and Natural Resources*. 4:107-112 (In Persian).
17. S, Jahanbin., Z, **Tahmasbi sarvestani.**, S.A.A.,modarres and A.M.,karimzadeh Gh. 2004. Effect of drought stress on yield, yield components and resistance indices of hull-less barley genotypes. *Journal of Agricultural Sciences and Natural Resources*. 10(4); 25-34 (In Persian).
18. A, Bahrani and Z. **Tahmasebi Sarvestani**. 2006. Effects of rate and time of nitrogen fertilizer on yield, yield component, and dry matter remobilization efficiency in two winter wheat cultivars .*JOURNAL OF agricultural sciences islamic azad university*. 2: 369-377 (In Persian).
19. M, Mustafavi- Rad., V.R.mahmoodi and Z, **Tahmasebi sarvestani**. 2007. The effect of nitrogen fertilizer form on drymatter remobilization, yield and some agronomic trait of three wheat cultivars. *J. Agric. Sci. Nature. Resour*.13 (6): (In Persian).
20. M, Mustafavi- Rad and Z, **Tahmasebi sarvestani** . 2003. Evalation of nitrogen

fertilizer effects on yield yield, yield components and dry matter remobilization of three rice genotype. J. Agric. Sci. Nature. Resour. 10(2):21-31 (In Persian).

21. H.R, Balouchi., Z, **Tahmasebi Sarvestani** and S. A.M, Modarres- Sanavy . 2006. Effect of plant density and nitrogen rate on yield and yield components of hulles barely genotypes in Tehran region J. Agric. Sci. Nature. Resource. 12(6): 1-10 (In Persian).
22. A, Akbarnia., A, Ghalavand and **Z, Tahmasebi Sarvestani**. 2008. Effect of different nutrition systems on soil properties, Elemental uptake and seed yield of Ajowan . pazhohesh and sazendegi. 62:11-19 (In Persian).
23. M, Barzali , **Z, tahmasebi sarvestani.**, A, Ghalavand and R . Tavakoli. 2002. Evaluation the morphological and physiological charactreritics assciated wuth Early vigour in four cotton cultivars.agronomy science. 6(1):80-99 (In Persian).
24. **Z, Tahmasebi Sarvestani.**, m. kordi., N. Nemati and E, banianai. 2000. Evalation of cotton transplanting in saline soils. Iranian Journal of Field Crop Science. 2(4):57-66 (In Persian).

#### PAPERS PRESENTED IN THE INTERNATIONAL CONFERENCES

1. H.Omidi., **Z. Tahmasebi Sarvestani.**, A. Ghalavand and S.A.M. Modarres Sanavy.2005. Evaluation of Tillage Systems and Row Distances on Canola grain yield and oil content, first international symposium on sustainable agriculture for subtropical regions (ISSASR-1). Changsha - ,P. R. China.
2. H,Omidi., **Z,Tahmasebi Sarvestani**, A, Ghalavand.2005. The study of different soil-working systems and plant densities on yield and yield components of colza (Brassica napus. first international symposium on sustainable agriculture for subtropical regions (ISSASR-1).Changsha - P. R. China.
3. H, Omidy, S. A .M, Modares Sanavi, **Z.Tahmasebi-Sarvestani**. 2005. Application of Microbial Fertilizers in Sustainable Agriculture., first international symposium on sustainable agriculture for subtropical regions (ISSASR-1). Changsha - ,P. R. China.
4. H.Omidy., **Z.Tahmasebi Sarvestani**, A. Salehi, F. Ghezeli and F. Zaefarian. 2005. Effect of Plant Density and Source Limitation on yield and Remobilization of Dry matter and Nitrogen in Corn (zea mays L.). first international symposium on sustainable agriculture for subtropical regions (ISSASR-1).Changsha - P. R. China.
5. H.Omidi., **Z. Tahmasebi Sarvestani.**, A. Ghalavand and S.A.M. Modarres Sanavy. 2007. Evaluation of Tillage Systems and Row Distances on Canola grain yield and oil content. THE 12th INTERNATIONAL RAPESEED CONGRESS. Wuhan, China March 26-30.
6. H.Omidi., **Z. Tahmasebi Sarvestani.**, A. Ghalavand and S.A.M. Modarres Sanavy, K. Sadat-Smailian. 2007. ENVIRONMENTAL IMPACT ON CANOLA YIELD AND OIL. THE 12th INTERNATIONAL RAPESEED CONGRESS. Wuhan, China March 26-30.
7. H, Omidy., S.A. M, Modares Sanavi., **Z.Tahmasebi-Sarvestani**. 2005. Application of Microbial Fertilizers in Sustainable Agriculture. First international symposium on sustainable agriculture for subtropical regions (ISSASR-1). Changsha, -P. R. China.
8. S, Hazrati., **Z, Tahmasebi-Sarvestani** and Ramezani S. 2010. Effect of different harvest dates on growth characteristics of Aloe barbadensis Miller. The 2nd International Symposium on Medicinal Plants.
9. S, Hazrati and **Z, Tahmasebi Sarvestani**. 2011. Enhancing yield and aloin concentration of Aloe vera plants by application of nitrogen international conference "medicinal and aromatic plants in generating of new values in 21st

- century" Sarajevo, 9-12 November, 2011. p164
10. Kh, Fasihi, **Z, Tahmasebi.**, S. A. M, Modarres Sanavy and M , AghaAlikhani. 2008. Comparison of effects of medic green manure, biofertilizer and chemical nitrogen on winter wheat yield in dry land crop rotations. 5th International Crop Science Congress and Exhibition. Korea.13 April.
  11. H, Kazemi Poshtmasari., **Z, Tahmasebi Sarvestani.**, B, Kamkar., S, shataei and s sadegh. 2012. Comparison of interpolation methods for estimating N, P and K in agriculture lands of Golestan province, north of Iran. 8<sup>th</sup> international Soil Science Congress on Land Degradation and Challenges in Sustainable Soil. 8<sup>th</sup> international Soil Science Congress on Land Degradation and Challenges in Sustainable Soil Management. Turkey. 15-17 my
  12. B, Amiri larijani., **z, Tahmasebi Sarvestani** and Gh, Nematzadeh .2010. Relationship between seedling ages, total leaf number anf leaf appearance rate of transplanted rice. 15Thaustrian agronomy conference. Australi. 15-18 November

### PAPERS PRESENTED IN THE NATIONAL CONFERENCES

Detail of national symposiums are appeared in the following link under Farsi  
<http://www.modares.ac.ir/agr/tahmasebi>

TMU web site