

RESUME



SURNAME: PEIGHAMBARI
NAME: SEYEDALI
DATE OF BRITH 02/04/1949
ADDRESS: Faculty of Agricultural Science and Engineering, University of Tehran.
Karaj, Tehran, Iran
PHONE NUMBER: +98 26 32227608
EMAIL: alipey@ut.ac.ir
<http://utcan.ut.ac.ir/member/peyghambari.aspx>

• *Academic qualifications:*

- B.S., Agronomy – University of Tehran, Tehran, Iran, Sep, 1972
- M.S., Plant Breeding – University of Tehran, Tehran, Iran, Feb, 1988
- M. phil, Genetic Biometry – University of Tehran, Tehran, Iran, Sep, 1999
- PhD Genetic Biometry – University of Tehran, Tehran, Iran, Sep, 2005

• *Present position:*

- professor, Department of agricultural science and engineering,
- College of Agriculture and Natural Resources, University of Tehran

• *Computer skills:*

- • Microsoft office
- • SPSS
- • SAS

• *Experiences:*

- From 23 Sep 1974 to 22 Sep 1978 The Ministry of Agriculture, Tehran-Iran , “Agriculture specialist”
- From 23 Sep 1978 to 01 Feb 1984 University of Tehran, Faculty of Public Health, Tehran-Iran, “Agriculture Specialist”
- From 06 Feb 1984 to 05 Feb 1991 University of Tehran, Faculty of Agricultural Science and Engineering, Karaj-Iran, “Agriculture Specialist”
- From 06 Feb 1991 to 16 may 2005 University of Tehran, Faculty of Agricultural Science and Engineering, Karaj-Iran “Instructor”
- From 17 May 2005 To 23 May 2009, University of Tehran, Faculty Of Agricultural Science and Engineering, Karaj
- “Assistant Professor”
- From 24 May 2009 To Present, University of Tehran, Faculty Of Agricultural Science and Engineering, Karaj “Associate Professor”

• **Publications:**

- 1- **S.A. Peighambari**, B.Yazdi-Samdi and A.A. Zali, 1991, "Geographical and Genetic Diversity in Lentil" Iranian J. Agric. Sci., Vol. 22, Nos. 1,2, pp.47-61.
- 2- A.H. Omidi Tabrizi, M.R. Ghanadha, M.R. Ahmadi and **S.A. Peighambari**, 1999,"Evaluation of some Important Agronomic Traits Safflower Using Multivariate Statistical Methods" Iranian J. Agric. Sci. Vol. 30, No. 4, pp.817-827.
- 3- B. Yazdi Samadi and **S.A. Peighambari**, 2000, "Effect of Sowing Date and Seed Rate on Agronomic Characteristics of Lentil" Iranian J. Agric. Sci, Vol. 31, No.4,pp.667-675.
- 4- B. Yazdi-Samadi, **S.A. Peighambari** and N.Majnoun Hosseini, 2001 "Effect of Application of Nitrogen and Phosphorus Fertilizers on Agronomic Traits of Lentil in Karaj Region " Iranian, J. Agric. Sci. Vol. 32 , No.2, pp.415-423.
- 5- GH. R. Mohsen Abadi, N. Khodabandeh , Y.Arshi and **S.A.Peighambari**, 2001 "Effects of Nitrogen Application and Irrigation on Yield and Yield Components in two Rapeseed Cultivars" Iranian, J. Agri. Sci. Vol. 32, No.4, pp.765-772.
- 6- D. Mazaheri, B. Pasary and **S.A. Peighambari**, 2002, "Study of Intercropping of Soybean Cultivars" Pajouhesh & Sazandgi, Vol.15, No.1, PP: 49-53.
- 7- B.Pasary, D.Mazaheri and **S.A. Peighambari**, 2002, "Study of Growth Analyses of Sole Culture and Intercropping Soybean Cultivars" Pajouhesh & Sazandegi,Vol.15, No.1, pp. 37-41.
- 8- KH.Karimzade Asl,D.Mazaheri and **S.A.Peighambari**,2003,"Effect of Four Irrigation Intervals on the Seed Yield and Quantitative Characteristics of Three Sunflower Cultivars"Iranian.J.Agric.Sci,Vol.34, No.2, pp.293-301.
- 9- H. Karim Mojani, H.M.Alizadeh, N.Majnoon Hoseini and **S.A.Peyghambari**, 2004,"Effects of herbicides and hand weeding in control of weed in winter and spring sown lentil (*Lens culinaris* Medik " IRANIAN JOURNAL OF CROP SCIENCES, Vol. 6, No. 1, pp. 68-79.
- 10- B.Yazdi Samadi, N. Majnoun Hosseini and **S.A.Peighambari**, 2004,"Evaluation of cold hardness in Lentil genotypes (*Lens culinaris* Medik.)". Seed and Plant Improvement Journal, Vol.20, No.1, pp.23-37.
- 11- A.Hajipour Bagheri , G.A.Nematzadeh, **S.A. Peighambari** and M. Noroozi,2005,"A Study of Combining Ability and Effect in Rice Cultivars through Line \times Tester Analysis " Iranian.J.Agric.Sci, Vol.36, No. 4, pp.947-953.
- 12- **S.A. Peighambari**, B.Yazdi-Samdi, C .Abd .Mishani , A. Sarrafi , A. Taleei, and M .R . Ghanadha 2005, An Evaluation of Drought Tolerance and Yield Attributes in Double Haploid Barley Lines (*Hordeum vulgare* L.)" Iranian, J. Agri. Sci,Vol.36, No. 4, pp.955-965.
- 13- **S.A. Peighambari** , Bahman Yazdi-Samdi , Alireza Nabipour , Gills Charmet ,Ahmad Sarrafi,2005, "QTL analysis for agronomic traits in a barley doubled haploids Population grown in Iran" PLANT SCIENCE ,169 ,pp. 1008-1013.
- 14- A.R.Etminan , M.R.Bihamta,A.A.Shahnajat Booshri,A.A.Zali and **S.A.Peighambari** ,2007, "A Study of Protein Inheritance in Bread Wheat under Drought Stress & Normal Conditions" Iranian, J. Agric, Vol.38-1, No.2, pp.407- 419.
- 15- F.Khialparast, B. Yazdi-Samdi , C .Abd .Mishani, M .R . Naghavi, **S. A .Peighambari**, A. Kashi and M. Foolad, 2009, "Morpho- physiological variation among RII's of tomato *Lycopersicum. esculentum* \times *Lycopersicum . pimpinellifolium*" Pajouhesh & Sazandegi, Vol.21, No.1. pp.188-193.
- 16- B.Masoudi, M.R.Bihamta, H.R.Babaei and **S. A. Peighambari**, 2008, "Evaluation of Genetic Diversity for Agronomic, Morphological and Phenological Traits in Soybean"Seed and Plant Improvement Journal , Vol.24, No.3, pp.413-427.

- 17- B.Masoudi, M.R.Bihamta, H.R.Babaei, and **S.A.Peighambari**, 2009, "An Evaluation of the Relationship between Grain Yield & Biological Yield, and Some Important Agronomic Traits in Soybean, Using Path Analysis" IRANIAN JOURNAL OF FIELD CROP SCIENCE, Vol.39, No.1.pp.77-88.
- 18- **S.A.Peighambari**, B.Yazdi Samadi, C. Abd-Mishani, A. Taleei, M.R.Bihamta ,2008," Determiation QTLs of Yield and Yield Components in Double Haploid Barley Lines(*Hordeum vulgare* L.)" IRANIAN JOURNAL OF FIELD CROP SCIENCE, Vol.39-1, No.1, pp.63-76.
- 19- Kh.Jamshidi, D.Mazaheri, N.Majnoun Hosseini,H.Rahimian and **S.A.Peyghambari**, 2008,"Evaluation of yield in intercropping of maize and cow pea" Pajouhesh & Sazandegi, In Agronomy & Horticulture. Vol.21, No.3, pp. 110-118.
- 20- B.A.Siahsar, **S.A.Peighambari** , A.R.Taleii, M.R.Naghvi, A.Nabipour and A.Sarrafi,2009,"QTL Analysis of Forage Quality Traits in Barley (*Hordeum vulgare* L.) "Creal Research Communications. Vol.37, No4, pp.479-488.
- 21- F.Foroozanfar , M.R.Bihamta ,**S .A.Peyghambary**, and H.Zeinali,2008,"The Evaluation of Resistance of Bread Wheat Genotypes for Drought Stress in the Field and Laboratory Conditions" Agricultural Research (Water ,Soil & Plant in Agriculture)Vol.7, No.4(A), pp.87-98.
- 22- F.Foroozanfar , M.R.Bihamta ,**S .A.Peyghambary**, and H.Zeinali ,2009, "An Evaluation of Inheritance for Some Correlated Traits in Bread Wheat Using Generation Mean Analysis" Seed and Plant Imorovement Journal , Vol.25, No.3, pp. 419-449.
- 23- H. Honari , H . Alizadeh , A.A. Shah Nejat Boushehri , **S.A. Peighambari**, and Jalali Javaran ,2009, " In Vitro Regeneration of Iranian Varieties of Lettuce (*Lattuca sativa* . L) Cultivars" IRANIAN JOURNAL OF FIELD CROP SCIENC , Vol.39, No.1, pp. 173-180 .
- 24- H.Kanouni , A . Taleei , **S .A .Peiyghambari** , S . M .Okhovat ,M.Baum and M . Abang ,2009, " QTL Analysis for Ascochyta blight Resistance in Chickpea (*Cicer arietinum* L.) Using Microsatellite Markers" IRANIAN JOURNAL OF CROP SCIENCES, Vol.25-1, No.1, pp. 109-127.
- 25- B.A.Siahsar, A.R.Taleii , **S.A.Peighambari** , M.R.Naghvi , A.M.rezai and S.A.Kohkan ,2009," QTL Analysis of Forage Quantity and Quality – Related Traits of Barley "Journal of Science and Technology of Agriculture and Natural Resources , Vol.13, No .47(A) pp. 195-208 .
- 26- H.A. Ramshini, **S.A. Peighambari** ,A.A. Shah Nejat Boushehri , , M .Omid, C.Newman and P. Schwizer, 2010," The screening of tolerant barley seedlings to osmotic stress" Iranian Journal of Field Crops Research. Vol.7, No.2, pp.431-449.
- 27- H.A. Ramshini, A.A.Shah Nejat Booshehri, **S.A. Peighambari**, M .Omid, and Patrick Schwizer, 2010," , " Study on Gene Expression of Barley in Response to Osmotic Stress Using Macroarray" IRANIAN JOURNAL OF FIELD CROP SCIENC , Vol.41, No.1, pp.29-41.
- 28- M . Fazel Najafabadi , M.R.Bihamta , H . R. Nikkhah , and **S .A . Peighambari** ,2009 , "A Study of Barley (*Hordeum vulgare* L.) Yield Determining Triats in Stress and Non – Stress Conditions. IRANIAN JOURNAL OF FIELD CROP SCIENC , Vol.40, No.1, pp. 55-64 .
- 29- A . H. Hoseinzadeh ,M .Khezri–Afrawi,T.Miri and **S. A.Peyghambari** ,2009," An Evaluation of Different Durum Wheat (*Triticum turgidum* L .) Lines Under Stress and Non- stress Conditions " IRANIAN JOURNAL OF FIELD CROP SCIENC , Vol.40, No.3, pp. 161-170.

- 30- M. Mohammadzadeh, **S.A.Peighambari** ,A.R.Nabipoor and M.Norozi.2009. "Evaluating the Response of Rice Genotypes to Salinity Stress In Germination Stage" *Jornal of Crop Breeding* Vol.1, No.1 pp. 10-21.
- 31- M. Mohammadzadeh , **S.A.Peighambari** ,A.R.Nabipoor and Norouzi,2009 "Evaluation of the Using of Rice Genotype Response to Salinity Stress at Seedling Stage in Hydroponic Culture" *Jornal of Crop Breeding*.Vol.1, No.2, pp. 85-95.
- 32- B . A . Siahsar, A . R . Taleei , **S . A . Peighambari** ,and M . R . Naghavi ,2010 , " Mapping of Forage Quality – Related Genomic Locations of Barley under Drought Stress Condition" *IRANIAN JOURNAL OF FIELD CROP SCIENC* , Vol.40, No.4, pp. 35-45.
- 33- H.Mohammad Ali Pour Yamchi ,M.R.Bihamta , **S.A.Peyghambari** and M.R.Naghavi ,2011."Evaluation of Drought Tolerance in Kaboli Type Chickpea Genotypes "Seed and Plant Improvement *Journal* .Vol.27-1, No.3, pp. 393 - 409.
- 34- B.Masoudi , M.R.Bihamta, **S.A.Peyghambari** and H.R.Babaie, 2011,"Relationships of Grain oil and protein contents with some important agronomic traits in soybean using path and canonical correlation analyses " *IRANIAN JOURNAL OF FIELD CROP SCIENC*" Vol.13, No.1, pp. 194 – 205.
- 35- H.Mohammad Ali Pour Yamchi ,M.R.Bihamta , **S.A.Peyghambari** , M.R.Naghavi and M. Shafiee Khorshidi .2011."Evaluation of Genetic Diversity and Classification of Kabuli Chickpea Genotpes in late Season Drought Stress " *Journal of Crop Breeding*"Vol.3, No.7, pp. 53- 70.
- 36- Kh.Jamshidi, D.Mazaheri, N.Majnoun Hosseini, H.Rahimian Mashhadi and **S.A.Peyghambari** , 2011,"Investigation of Corn/Cowpea Intercropping Effect on Suppressing the Weeds" *IRANIAN JOURNAL OF FIELD CROP SCIENC* , Vol.42, No.2, pp. 233-241.
- 37- S.Shadpour, **S.A.Peighambari** , A.Mohammadi , M.Shoaie Deylami , M.H.M. Jahromi and M.Mahdavi,2012." Study Genotype×Environment Interaction and Yield Stability of Tobacco Genotypes Using AMMI and Tai analysis" *Journal of Crop Breeding*,Vol.2,No.5,pp.78- 90.
- 38- H.Kanouni , A.Talei ,**S.A.Peighambari** , S.M.Okhovat and M.Abang , 2011."Impact of pathotypes and spore concentrations on Ascochyta blight incidence in two chickpea (*Cicer arietinum* L.) genotypes" *Iranian Journal of Crop Sciences*, Vol.13, No.2(50), pp. 368-379.
- 39- H.Karimi, D.Mazaheri, **S.A.Peighambari** and M.mirabzadeh Ardakani. 2012."Effect of organic and chemical fertilizers application on grain yield and yield components of maize (*Zea mays* L.) SC704. *IRANIAN JOURNAL OF CROP SCIENCES* , Vol.13, No.4(52), pp. 611-626.
- 40- H.Honari ,H.Alizadeh ,A.A.Shahnejat-Bousheri , **S.A.Peyghambari**,M.Jalali- Javaran and R.Barahmipour,2012."Factors Affecting Agrobacterium-Mediated Transformation of UidA Gene into Lettuce(*Lactuca sativa* L.) . *Iranian Journal Of Horticultural Sciences*, Vol.43, No.1, pp.91-101.
- 41- A.Rasoulnia , M.R.Bihamta , **S.A.Peyghambari** , H.Alizadeh ,S.Takaloo and M.Kamalizadeh..2012."Evaluation of Leaf Proteome Pattern and Antioxidant Activity of Barley under Salinity Stress" *IRANIAN JOURNAL OF FIELD CROP SCIENC* , Vol.43, No.2, pp. 232-241.
- 42- H.Mohammad Ali Pour Yamchi ,M.R.Bihamta , **S.A.Peyghambari** and M.R.Naghavi.2012.Effect of terminal drought stress on grain yield and yield components in Kabuli chickpea genotypes. *IRANIAN JOURNAL OF CROP SCIENCES* , 14(3):202-217.

- 43- M. Mohammadzadeh , **S.A.Peighambari** ,A.R.Nabipoor and .Norouzi.2011.” Evaluation of yield and morphological characters in tolerance ad sensitive genotypes to salinity stress in rice.”*Journal of Agronomy and Plant Breeding"* ,Vol.6, No.4,pp.61-71.
- 44- R.Sarvestani, **S.A.Peighambari** and A.Abbasi .2014.”Isolation and Characterization of Gene Promotor from Iranian *Artemisia annua*”*J.Agr.Sci.Tech.* Vol.6, No.16,pp.191-202.
- 45- M.Foeeozanfar,M.Etemadi,P.Maury,**S.A.Peighambari**,M.R.NaghaviH.Hatami Maleki and A.Sarrafi.2013. “The effect of salinity stress on morpho-physiological traits of some *Medicago truncatula* genotypes”*Advanced Crop Science*, Vol.3, No4,pp.316-324
- 46- E.Mojirsheibanibani,**S.A.Peighambari**,B.Yazdisamadi,M.R.Naghavi and K.Ghadrdan 2013.Evaluation of genetic diversity of barley (*Hordeum vulgare* L.) cultivars and relationship among traits using agronomic characteristics and molecular markers . *IRANIAN JOURNAL OF CROP SCIENCES* , Vol.15No.1(57):46-59.
- 47- M.Foeeozanfar,M.Etemadi,P.Maury,**S.A.Peighambari**,M.R.NaghaviH.Hatami Maleki and A.Sarrafi.2013. “The effect of salinity stress on morpho-physiological traits of some *Medicago truncatula* genotypes”.*Advanced Crop Science*, Vol.3, No4,pp.316-324.
- 48- M.B.Sadeghi,W. A.Sarhadi, **S.A.Peighambari**,M.R.Naghavi³ and A. Kalbasi Ashtari.2013 .2013. QTL analysis for Malt Quality in DH Lines of Barley (*Steptoe* × *Morex*) grown in sub-tropical zone of Iran.”*Tuekish Journal of Agriculture-Food Science and Tecnology*”. *Genetics in the third Millennium* Vol.1, No.2,pp.56-61.
- 49- M.Kamalizadeh,M.R.Bihamta,**S.A.Peyghambari** and J.Hadian .2014.“Expression of genes involved in Rosmarinic acid biosynthesis pathway in Dragonhead affected by nanoparticle”.*Genetics in the third millennium*.Vol.12, No.1,pp.428-437.
- 50- Submitting more than 20 papers in Iranian Crop Science Conferences since 1994.

• **Books (In Farsi):**

- 1- Peighambari , S.A.(2012). *Experimental Designs in Agricultural Sciences*(3th ed.). University of Tehran Press. IRAN.pp.350.
- 2- Yazdi Samadi , B. Amiri Oghan , H and S.A.Peighambari.(2008).*Applied Statistics and Probability*(2nd ed.). University of Tehran Press.IRAN.pp.756.
- 3- Peighambari , S.A.,F.Fatehi and Z.tahmasebi.(2012).*Variation On Split Plot Designs*. University of Tehran Press. IRAN.pp.327.
- 4- Peighambari , S.A and H.Alipour (2014) *Complementary Experimental Designs*(first ed). University of Tehran Press.IRAN.pp.410.

• **Teaching:**

It's almost 27years that I've been teaching:

- a) Applied statistics and probability,
- b) Biometry,
- c) Experimental Design1 , 2 and Complementary