



# Ali Zamanmir abadi

R&D manager  
Plant Pathologist & seed production Researcher

[Alizaman2006@gmail.com](mailto:Alizaman2006@gmail.com)  
[a.zmirabadi@znu.ac.ir](mailto:a.zmirabadi@znu.ac.ir)  
[alizaman@takato.ir](mailto:alizaman@takato.ir)

Applied Research & Seed Production Centre  
Oilseeds Research & Development Company  
P. Code: 48171-33938  
7th Km of Sari-Neka road  
Mazandaran  
Iran

Mobile: +989112532760  
Phone: +981133434976

[https://www.researchgate.net/profile/Ali\\_Mirabadi](https://www.researchgate.net/profile/Ali_Mirabadi)

<https://orcid.org/0000-0002-3492-2201>

<https://www.linkedin.com/in/alizamanmirabadi/>

## ***Education:***

---

- |                            |   |
|----------------------------|---|
| <i>Sep 2016 – Present</i>  | <b>University of Zanjan</b><br>PhD student, Plant Pathology and Mycology<br>Zanjān, Zanjan, Iran  |
| <i>Sep 2018 – Mar 2019</i> | <b>School of Plant Biology, University of Western Australia, Australia</b><br><b>Visiting Researcher</b><br>-Perform next-generation sequencing<br>-Undertake genome-wide association studies<br>-Undertake training in statistical and data analysis software<br>Reference: <a href="http://www.batlelab.net/index.php/Ali_Zamanmirabadi">http://www.batlelab.net/index.php/Ali_Zamanmirabadi</a><br>Reference : page 18 on table 1<br><a href="http://www.ioa.uwa.edu.au/data/assets/pdf_file/0003/3400167/UWA0059-Institute-of-Agriculture-News-Apr19_W.pdf">http://www.ioa.uwa.edu.au/data/assets/pdf_file/0003/3400167/UWA0059-Institute-of-Agriculture-News-Apr19_W.pdf</a> |
| <i>Sep 2006 – Aug 2008</i> | <b>Gorgan University of Agricultural Sciences and Natural Resources</b><br>MS, Plant Pathology<br>Gorgān, Golestān, Iran  |
| <i>Sep 1999 – Aug 2003</i> | <b>Buali Sina University</b><br>BSc, Plant protection<br>Hamadān, Iran  |

## ***Experience:***

---

*Feb 2020-Present*

### **R&D manager Oilseeds Research& Development Company (ORDC), Iran**

- Management of oilseed Research designs in the country
- Identifying and research assessing requirements
- Applying new strategies for releasing new varieties
- Supervision Over Proper Execution of the seed production

Reference: <http://takato.ir/index.php/company/2020-02-04-06-59-55>

Reference: <https://www.ordc.ir/Page/TeamManager>

### **Director of ARSPC (Applied Research &Seed Production Center), Oilseeds Research& Development Company (ORDC), Iran**

*Jun 2007 – Feb2020*

- Determining and implementing research activity and development strategies, policies and plans in center
- Management of research staff and perform research designs(Fifteen employee and more than 15 research designs in each year)
- Executive of producing of oilseed new varieties
- Managing oilseeds seed production (Canola, Soybean, Flax)

*June 2014-2019*

### **Chief of Guild association of plant protection clinics Mazandaran province, Iran**

- Establishment and management of Guild
- Developing communication with the different organisations and company for supporting clinics
- Organising and arranging the related training
- Supervising educational workshop for experts

*March 2017- Present*

### **Director of Culture Collection of ORDC Registered in WDCM (World Data center for Microorganisms)**

Management culture collection of Trichoderma spp include 530 isolates

Reference: [http://www.wfcc.info/ccinfo/index.php/collection/by\\_id/1157/](http://www.wfcc.info/ccinfo/index.php/collection/by_id/1157/)

### **Plant Protection Researcher (ORDC), Iran**

*Oct 2004 – Jun 2007*

- Plan, schedule, execute, evaluate, analyse, interpret and report results of product trials and experiments
- An executive and primary co-worker of more than 60 research designs in the different regions of Iran ( Travel to 20 provinces) on seed production of oilseeds.

## **Skills & memberships:**

---

*Skills* Managing seed production, Pest, Diseases and weeds in oilseed crops (Canola, Soybean, Flax, sunflower and safflower), Performing of experimental designs, Extraction DNA, PCR, Electrophoresis, Statistical analysis, MS office programs,

*Languages:* Persian, English

### *Scientific Memberships*

1. Member of Iranian plant pathology society
2. Member of Iranian Agricultural and Natural Resources Engineering
3. Iranian mycological society
4. Editorial board of Iranian oilseeds journal
5. Director in charge of Iranian monthly bulletin of oilseeds, ORDC

## **Honors/ ACHIEVEMENT / AWARD/ FELLOWSHIP:**

---

### **National**

#### **Honored by ministry of agriculture**

- 1- Production and Introduce **new Soybean variety** for Iran named **Aryan, 2015**
- 2- Production and Introduce **new Canaol variety** for Iran named **Zaman, 2016**
- 3- Production and Introduce **new Canaol variety** for Iran named **Mahtab, 2016**
- 4- Production and Introduce **first Flax variety** for Iran named **Takapo, 2018**
- 5- Production and Introduce **second Flax variety** for Iran named **Golchin, 2018**

References: <https://www.iribnews.ir/fa/news/2505523/%D9%85%D8%B9%D8%B1%D9%81%DB%8C-%D8%AF%D9%88-%D8%B1%D9%82%D9%85-%DA%A9%D8%AA%D8%A7%D9%86-%D8%AF%D8%B1-%D9%85%D8%A7%D8%B2%D9%86%D8%AF%D8%B1%D8%A7%D9%86>

### **International**

---

**Registration 8 of Fungal DNA sequences in NCBI** (The National Center For Biotechnology Information ) United State,**Accession numbers include:** MT316108, MT316109, MT316110, MT316111, MT316179, MT316180, MT316181, MT316182.

**Available In:** [HTTPS://WWW.NCBI.NLM.NIH.GOV/NUCCORE/?TERM=ZAMANMIRABADI](https://www.ncbi.nlm.nih.gov/nuccore/?term=zamanmirabadi)

**Registration 22 of Fungal DNA sequences in NCBI** (The National Center For Biotechnology Information ) United State, Accepted for publishing on Nov 8, 2021, **Accession numbers include:** MT358754, MT358755, MT358756, MT358757, MT358758, MT358759, MT358760, MT358761, MT358762, MT358763, MT358764, MT358765, MT358766, MT358767, MT358768, MT358769, MT358770, MT358771, MT358772, MT358773, MT358774, MT358775.

## TEACHING EXPERIENCES

---

2015-2016 **Sana Institute of higher education**

**2 semesters**

Course Title	Course Type	Level
Crop Diseases	Technical	Associate's
Main Horticultural plants diseases	Technical	Associate's
Diseases & Pests management	Technical	Bachelor's
Horticultural plants Diseases	Technical	Bachelor's
Mycology	Technical	Bachelor's
Main crops & Horticultural Plants Diseases	Technical	Bachelor's

2014-2015 **Sana Institute of higher education**

Course Title	Course Type	Level
Protection & Support	Main	Associate's
Diseases & Pests management	Main	Bachelor's

2013-2014 **Sana Institute of higher education**

Course Title	Course Type	Level
Common Pharmaceutical Plants Diseases	Main	Bachelor's
Horticultural plants Diseases	Technical	Bachelor's

## Journal Publications

---

1. Najafian, L., Zamanmirabadi, A. and Khaleghi, F. 2020. An Overview of Challenges in Producing and Consuming Transgenic Products. J Mazandaran Univ Med Sci. 30(185): 154-172. <http://jmums.mazums.ac.ir/article-1-14671-en.html>
2. Zamanmirabadi, A., Rahnama, K., Sadravi, M. and Salati, M. 2020 Identification of *Leptosphaeria maculans* and *Leptosphaeria biglobosa* using some of the morphological characteristics in vitro. Research in Plant Pathology. 6(1)( In press).

3. Samadi G., Zamanmirabadi, A. Forozan, K. and Haghpanah, M. 2018. Assessment of Genetic Diversity among Peanut (*Arachis hypogaea* L.) Germplasm Using Morphological Traits. *Plant Genetic Researches*, Vol. 5, No. 2, 85-94. <https://journals.lu.ac.ir/pgr/article-1-133-en.html>
4. Haghpanah, R., Hasanzadeh, Zamanmirabadi, A., M., Foroozan, K. and Talaei, S. 2018. Evaluation of the relationship between yield and yield components by sequential path analysis in peanut (*Arachis hypogaea* L.) genotypes. *Iranian Journal of Crop Sciences*. 19(2): 168-179. <http://agrobreedjournal.ir/article-1-922-en.html>
5. Zamanmirabadi, A., Haghpanah, M., Foroozan, K. and Talaei, S. 2018. Evaluating Multivariate Analysis Some of the Quantitative Traits in Imported Safflower (*Carthamus tinctorius* L.) Genotypes in Sari Location. *Journal of Crop Breeding* (in Press)
6. Mehdi Alamdarlou, R., Hasanzadeh, I., Zamanmirabadi, A., and Foroozan K. 2017 Evaluation of the efficacy of *Trichoderma* isolates in the biological control of soybean charcoal rot disease in the laboratory and greenhouse conditions. *Biocontrol in Plant Protection*. Vol. 5 (1). 71-80. DOI: 10.22092/BCPP.2017.116072
7. Zamanmirabadi, A., Rahnama, K., Sadravi, M. and Salati, M. 2015. Survey of some of the ascospore characteristics of rapeseed blackleg disease for differentiating *Leptosphaeria maculans* and *L. biglobosa* in some areas of Mazandaran and Golestan provinces. *Research in Plant Pathology*. 3(4): 27-44. [http://rpp.miau.ac.ir/article\\_1966\\_en.html](http://rpp.miau.ac.ir/article_1966_en.html)
8. Keypoor, A., Zarini, H. N. and Zamanmirabadi, A., 2015. Evaluation of Resistance to *Leptosphaeria maculans* in Some Varieties and Species of the Brassica Genus. *Journal of Crop Breeding*. 7(16). 27-33. <https://www.sid.ir/en/Journal/ViewPaper.aspx?ID=544799>
9. Samadi, M., Zamanmirabadi, A., Rammeah, V., Hasanpour, M. and Esmailifar, A. 2015. Evaluation of Agronomic Traits of Mutants Induced by Gamma Irradiation in PF and RGS003 Varieties of Rapeseed (*Brassica napus* L.). *Journal of Crop Breeding*. 7(15). 135-44. <https://www.sid.ir/en/journal/ViewPaper.aspx?id=544840>
10. Fazeli, F., Zarini, H. N., Arefrad, M. and Zamanmirabadi, A., 2015. Assessment of Relation of Morphological Traits with Seed Yield and Their Diversity in M4 Generation of Soybean Mutant Lines [*Glycine max* (L.) Merrill] Through Factor Analysis. *Journal of Crop Breeding*. 7(15). 47-56. [http://jcb.sanru.ac.ir/browse.php?a\\_id=423&sid=1&slc\\_lang=en](http://jcb.sanru.ac.ir/browse.php?a_id=423&sid=1&slc_lang=en)
11. Samadi, M. and Zamanmirabadi, A., 2014. Effects of gamma irradiation on yield and yield components of rapeseed. *J. Plant Prod. Res.* Vol. 21 (4), 193-201. [http://jopp.gau.ac.ir/article\\_2189\\_en.html](http://jopp.gau.ac.ir/article_2189_en.html)
12. Zamanmirabadi, A., Rahnama, K., Sadravi, M. and Salati, M. 2010 Identification, distribution, symptomology and population structure of the causal agents of rapeseed blackleg (*Leptosphaeria maculans* and *Leptosphaeria biglobosa*) in Mazandaran and Golestan provinces and determination of three common cultivars susceptibility reaction of rapeseed. *Iranian Plant Disease*. 45 (4) 285-267. <https://www.sid.ir/fa/journal/ViewPaper.aspx?ID=117889>
13. Zamanmirabadi, A., K. Rahnama and A. Esmailifar, 2009. First report of pathogenicity group 2 of *Leptosphaeria maculans* causing blackleg of oilseed rape in Iran. *Plant Pathology*. 58. 1175. <https://bsppjournals.onlinelibrary.wiley.com/doi/full/10.1111/j.1365-3059.2009.02132.x>
14. Zamanmirabadi, A., Pourmahdi Alamdarlou R., Esmailifar A. 2009. Report of *Coniothyrium minitans* on *Sclerotinia sclerotiorum* from Iran. *Journal* Rostaniha, 10(34):73-74. <https://www.sid.ir/en/journal/ViewPaper.aspx?id=158106>

15. Zamanmirabadi, A., K. Rahnama, M. Sadravi and R. M. Alamdarlou, 2008. First report of *Leptosphaeria maculans* teleomorph on Canola stem in the north of Iran. **Journal Rostaniha**, 9(1) 128-130. <https://www.sid.ir/en/journal/ViewPaper.aspx?ID=122787>

### International Conference

---

1. Afshin Esmailifar. Zamanmirabadi, A., Rezapour Mehdi Alamdarlou, 2008. Evaluation efficacy of two herbicides from the imidazolinone group on rapeseed weeds control from Cruciferae family in Mazandaran province, Iran. **5th international weed science congress. Vancouver. Canada**
2. Zamanmirabadi, A., K. Rahnama, R.M. Alamdalou and A. Esmailifar, 2009. First report of rapeseed blackleg caused by pathogenicity group T (PGT) of *Leptosphaeria maculans* in Mazandaran province of Iran. **The 17th Australasian Plant Pathology Society. Australia**
3. Afshin Esmailifar, Mohammad Nezamabadi and Zamanmirabadi, A., 2009. Control of broomrape in Iran. **International symposium broomrape in turkey. Turkey**
4. R. Mehdi Alamdarlou, Zamanmirabadi, A., A. Esmailifar and K. Foroozan, 2009. Study on the effect of the number of spraying with fungicides on rapeseed *sclerotinia* stem rot control. **The 17th Australasian Plant Pathology Society Conference. Australia**
5. Zamanmirabadi, A., K. Rahnama, R. Mehdi Alamdarlou and A. Esmailifar, 2009. In vitro study on the effect of NanoSilver (Nanosid) on *Sclerotinia sclerotiorum* fungi the causal agent of rapeseed white stem rot. **The 17th Australasian Plant Pathology Society. Australia**
6. Zamanmirabadi, A., A. Esmailifar, A. Alian and R. M. Alamdarlou, 2009. First report of *Macrophominia phaseolina* on rapeseed stem in some provinces of Iran. **The 17th Australasian Plant Pathology Society. Australia**
7. M. samadi, Zamanmirabadi, A., M. Hasanpoor, A. Esmailifar, S.I. Janani, 2011. Production haploid and doubled haploid plants using microspore culture in Brassica species. **13th international rapeseed congress. Czech Republic**
8. Zamanmirabadi, A., Alamdarlou, R.M., Esmailifar, A., and Hasanzadeh, I. 2011. Sclerotinia stem rot disease of rapeseed in the north of Iran. **13th international rapeseed congress. Czech Republic**
9. Zamanmirabadi, A., Alamdarlou, R.M., Esmailifar, A., Janani, S.I. and Hasanzadeh, I. 2011. An evaluation of the effects of sowing date, variety and number of spraying on rapeseed pollen beetle control in Iran. **13th international rapeseed congress. The Czech Republic.**

### National Conference

---

1. R. Mehdi Alamdarlou, Zamanmirabadi, A., and Fakharian, S. 2006. Antagonistic effect of *Coniothyrium minitans* on the sclerotia of *Sclerotinia sclerotiorum* in Mazandaran province. **17th plant protection Congress, Tehran, Iran, 469.**

2. Zamanmirabadi, A., Mehdi Alamdarlou, R., Esmailifar, A. and Fathi, H. 2010. Distribution of *Leptosphaeria maculans* in Iran. **19th plant protection Congress, Tehran, Iran.** 332.
3. Zamanmirabadi, A., Mehdi Alamdarlou, R. and Esmailifar, A. 2010. Evaluation Nano-silver on *Phoma lingam* in vitro. **19th plant protection Congress, Tehran, Iran.** 849.
4. Alian, S. A., Khosravi, V., Zamanmirabadi, A., and Safari Arbil, Z. 2010. *Macrophomina phaseolina* caused crown rot and plant death of strawberry in Mazandaran. **19th plant protection Congress, Tehran, Iran.** 124.
5. Alian, S. A., Khosravi, V., Zamanmirabadi, A., Amanzadeh, M. and Safari Arbil, Z. 2010. Sclerotinia crown rot of strawberry in Iran. **19th plant protection Congress, Tehran, Iran.** 293.
6. M. Samadi, Zamanmirabadi, A., A. Esmailifar and M. Hasanpoor, 2010. Production haploid and double haploid plants using microspore culture in Brassica species. **3<sup>rd</sup> international seminar on oilseeds& edible oils.** 262.
7. M. Hasanpour, Zamanmirabadi, A., A. Esmailifar and M. Samadi, 2010. Effect of genotype and culture on soybean anther callus Production. **3<sup>rd</sup> international seminar on oilseeds& edible oils.** 250.
8. R. Mehdi alamdarlou, M. A. Aghajani, S. a. Mahdian, Zamanmirabadi, A., and A. Esmailifar, 2010. Biology rapeseeds fungal diseases in the north of Iran and methods for controlling them. **3<sup>rd</sup> international seminar on oilseeds& edible oils.** 314.
9. R. Mehdi alamdarlou, M. A. Aghajani, S. a. Mahdian, Zamanmirabadi, A., and A. Esmailifar, 2010. Review of biologic control *Sclerotinia sclerotiorum* causal agent of rapeseed stem white. **3<sup>rd</sup> international seminar on oilseeds& edible oils.** 318.
10. Ragabi, M. M.S. Najafi, A. Deljo, J. fayazi, M.H. Daneshvar, Zamanmirabadi, A. 2011. Genetic diversity and relationship of *Hirsutum* and *Herbaceum* cotton (*Gossypium* spp.) cultivated in Iran using microsatellite markers. **11 the Agronomy Congress.** 29.
11. Panjoo, M, Firouzabadi, F.N., Ismaili, A. and Zamanmirabadi, A. 2011. Semi-random markers(ISJ) have a better application on the evaluation of genetic diversity soybean genotypes. **7th national biotechnology congress of I.R. Iran.**
12. Hasanpoor, M., Zamanmirabadi, A., Esmailifar, A. and Samadi, M. 2011. Survey effect of growth regulators on callus induction by anther culture in Soybean (*Glycine max*) different varieties. **7th national biotechnology congress of I.R. Iran.**
13. Zamanmirabadi, A., Valiulahpor, R., Salehian, H. and Chitband, A.A., 2012. Damage assessment of wild mustard (*Sinapis arvensis* L.), Canada thistle (*Cirsium arvense* (L.) Scop.) and their combination on yield and yield components of canola in Neka. **4<sup>th</sup> Iranian weed science congress.** 55-58.
14. Zamanmirabadi, A., Valiulahpor, R., Khakzad, R., Salehian, H. and Chitband, A.A. 2012. Wild mustard (*Sinapis arvensis*) and sow thistle (*Cirsium arvensis*) removal time effect on yield and yield component of canola in Neka. **4<sup>th</sup> Iranian weed science congress.**
15. Samadi, M., Zamanmirabadi, A. and Foroozan, K., 2013. The critical collection, maintenance and conservation of seed germplasm resources of oilseed crops. **National conference of passive defence in agriculture.** 6265-6269.
16. Abdolmanaf, S. S., Asghari, J., Moradi, P. and Zamanmirabadi, A. 2015. Study of yield and yield components of some imported cultivars of Soybean (*Glycine max* L.) as the second crop after rice. **The First National Conference on New Ideas in Sustainable Agriculture**

17. Zamanmirabadi, A. Roghayeh, H. and Batley, J. 2018. Management of blackleg disease of canola, *Leptosphaeria maculans*. 23<sup>rd</sup> Iranian Plant protection congress.126-27p.

18. Mirabadi, A.Z, Roghayeh, H. and Batley, J. 2018. A study of canola blackleg, *Leptosphaeria maculans* in Iran and the world. 23<sup>rd</sup> Iranian Plant protection congress.

19. Ghasemi, M., Sadravi, M. and Zamanmirabadi, A. 2018. Identification causal agent of canola blackleg from North of Iran and investigation of Trichoderma inhibitory effect on *Leptosphaeria maculans*. 23<sup>rd</sup> Iranian Plant protection congress.97-98p.

## Books

---

Rajabi, M., and Zamanmirabadi, A., 2013. Biological control of rice diseases. Daneshjo Pub. 105 Pp.

## Thesis Advisor

---

1. Reisian, H., Najafi, H., Mousavi, S. A. A., Zamanmirabadi, A., Assessment of morphological characteristics yield and yield components of some flax genotypes (*Linum usitatissimum*) in spring cultivation in Mazandaran province. M.Sc. dissertation. Islamic Azad University Branch of Chalous. 2012.

2. Firozjaei, H.Y., Zarini, H.N. and Zamanmirabadi, A., Assessment of quality and quantity of mutants induced by Gamma Irradiation in soybean varieties. Sari Agricultural Sciences and Natural Resources University.2012.

3. Keypoor, A., Najafi, H., and Zamanmirabadi, A., Evaluation of Resistance to *Leptosphaeria maculans* in some varieties and Species of the Brassica Genus and progenies of Intera species Crosses of the Rapeseed, Sari Agricultural Sciences and Natural Resources University. 2012

4. Mohammadjani M., Najafi, H. Hashemi, S. H. R., and Zamanmirabadi, A. Assessment of genetic diversity in different genotypes of Brassica spp. Using NBS-LRR markers. Sari Agricultural Sciences and Natural Resources University. 2013.

5. Ghasemi, M., Sadravi, M., and Zamanmirabadi, A., Possibility of biocontrol of blackleg disease of colza with *Trichoderma* isolates. Yasoj University, 2013.

6. Dehghanzadeh, Rahnama, K., S., Maafi, Z. T., Heydari, R., and Zamanmirabadi, A., Evaluation of some soybean lines and cultivars susceptibility and resistance to soybean cyst nematode) *Heterodera glycines* Ichinohe), Gorgan University, 2014.

7. Fazeli, F., Zarini, H. N., Arefrad, M. and Zamanmirabadi, A., Assessment of Gamma Irradiation different doses in M4 Generation of three different varieties of Soybean. Sari Agricultural Sciences and Natural Resources University.2014.



## Research projects 2003-2015

No	Design name	Year	Responsibility	Code
1	Investigation of the rate of damage and control of Canola powdery mildew	2004-05	Main co-work	Non-Code
2	Survey of Effect of Folicur and Alert fungicides on Canola <i>sclerotinia</i> disease	2004-06	Main co-work	Non-Code
3	Biological control of stem white rot of <i>Sclerotinia</i> in canola field with Contans	2003-07	Main co-work	Non-Code
4	Effect of Spraying Times on Control of Canola <i>Sclerotinia</i> Disease	2005-07	Main co-work	8333 85332228p
5	Study of the effect of two new herbicides from Imidazolinone group on weed control of canola fields	2005-06	Main co-work	84193
6	Identification and evaluation of biology, distribution and control of Canola blackleg disease in Golestan and Mazandaran provinces	2005-06	Main co-work	84191
7	Comparative study of the efficacy of Folicur and Alert poisons in control of canola <i>Sclerotinia</i> disease	2005-06	Main co-work	Non-Code
8	Isolation, Diagnosis and Study of Nematode Population and Pathogens groups in Soybean Fields, Mazandaran Province	2005-07	Main co-work	843115
9	Isolation, diagnosis and study of fungal population and pathogen groups in soybean farms of Mazandaran province	2005-07	Executive	833216
10	Integrated management of canola pollen beetles using changing of planting date, cultivar type and spraying frequency in mountainous regions of Mazandaran province	2005-07	Executive	Non-Code
11	Investigation of compatibility of tolerant cultivars of <i>phoma</i> ( spring rapeseed ) in Gonbad and Gorgan research stations	2005-06	Main co-work	Non-Code
12	Evaluation of yield and yield components as well as the survey of tolerance Different Canola for Blackleg	2005-06	Main co-work	85332229p
13	Isolation and identification of <i>Phoma lingam</i> , Canola stem canker and determination of its pathogenic types in Iran	2007-08	Executive	Non-Code
14	Revival and assessment of different soybean varieties (90 genotypes)	2008	Main co-work	Non-Code
15	Investigate the possibility of producing an asexual form of <i>Leptosphaeria maculans</i> Isolates obtained from Golestan and Mazandaran provinces under laboratory conditions	2008	Executive	Non-Code
16	Evaluation of genetic reserves of 29 Brassica species in Mazandaran province	2009-10	Executive	Non-Code
17	Isolation and identification of pathogenic fungi <i>Leptosphaeria maculans</i> The cause of stem canker disease in Iran and the possibility of producing sexual form from isolates obtained from Golestan and Mazandaran provinces under laboratory conditions	2009-11	Executive	Non-Code
18	Investigation of induced mutants of gamma Irradiation to achieve optimal mutant lines in rapeseed	2009-10	Main co-work	Non-Code
19	Evaluation of 226 internal and external canola genotypes (America, Canada, Sweden and Germany ).	2009-10	Executive	Non-Code
20	Evaluation of 263 soybean varieties	2009	Main co-work	Non-Code
21	Production of double haploid through anther culture in the Different Soybeans genotypes( <i>Glycine max</i> )	2010	Main co-work	Non-Code
22	Assessment of 80 Safflower varieties ( <i>Carthamus tinctorius</i> )	2010-11	Executive	Non-Code

23	Investigation of induced genetic variation of gamma irradiation to achieve optimal mutant lines in rapeseed	2010-11	Main co-work	Non-Code
24	Use of Microspore for the production of rapeseed haploid lines for use in the production of hybrid cultivars	2010-11	Other executiv	Non-Code
25	Evaluation of Genetic Reserves of 268 <i>Brassica</i> Species in Mazandaran Province	2010-11	Executive	Non-Code
26	Epidemiology of Sclerotinia stem rot of canola in Mazandaran province	1010-11	Main co-work	Non-Code
27	Evaluation of 263 soybean cultivars	2011	Executive	Non-Code
28	Investigation of the sensitivity of different soybean cultivars (90 genotypes) to charcoal rot	2011	Executive	Non-Code
29	Assessment of 70 varieties of Flax Collection ( <i>Linum usitatissimum</i> )	2011	Executive	Non-Code
30	Recovery and evaluation of different safflower genotypes	2011-12	Main co-work	901118o1
31	Recovery and evaluation of different flax genotypes	2011-12	Main co-work	901118o3
32	Survey of F1 population of The result of interspecies and intraspecific crosses of <i>Brassica</i>	2011-12	Main co-work	905118o4
33	Collection and evaluation of germplasm of different varieties and species of Brassica	2011-12	Main co-work	901118o5
34	Evaluation of agronomic traits of mutant lines	2011-12	Main co-work	906418o2
35	Comparison and comparison of the yield of some canola autumn cultivars in the cold temperate region of Mazandaran	2012	Other executiv	Non-Code
36	Investigation of Laboratory Efficiency of Different <i>Trichoderma</i> Species in Control of Soybean Coagulase Cartilage with Agent <i>Macrophomina phaseolina</i>	2012	Main co-work	913118o8
37	Recovery and evaluation of different flax genotypes	2012-13	Main co-work	91n218o17
38	Comparison of yield and yield components of new sunflower cultivars with common cultivars	2012-13	Main co-work	922218o18
39	Study of some peanut genotypes in Mazandaran province	2012	Main co-work	911118o6
40	Recovering and evaluating various soybean varieties	2012	Main co-work	91n118o7
41	Comparison of the Effect of Natural Fertilizer Produced from Seaweeds and Consumption Times on Yield and Yield Components of Hyola 401	2012-14	Executive	912118o16 922218o24
42	Recovery and evaluation of different safflower genotypes	2012-13	Main co-work	91n118o13
43	Collection and evaluation of germplasm of different varieties and species of <i>Brassica</i> (598)	2012-13	Main co-work	91n118o12
44	Comparison and comparison of the performance of mutant lines and autumn cultivars obtained from correctional programs along with common cultivars of autumn in Khalkhil region	2012-13	Main co-work	912118o11
45	Investigation of compatibility and comparison of the yield of some mutant lines and cultivars obtained from breeding programs along with common spring cultivars	2012-13	Main co-work	912118o10
46	Evaluation and selection in populations F2 The result of the cross between different varieties of rapeseed	2012-13	Main co-work	915118o15
47	Use of cytoplasmic sterility ( CMS ) B and restorer lines in the production of rapeseed hybrid	2012-15	Main co-work	915118o14 925118o25 936318o37

48	Study of some peanut genotypes (100) in Mazandaran province	2013	Executive	92n118o21
49	Recovery and evaluation of 1847 different soybean genotypes	2013	Main co-work	92n118o20
50	Evaluation of greenhouse effect of different isolates of <i>Trichoderma</i> in control of charcoal rot caused by <i>Macrophomina phaseolina</i>	2013-14	Main co-work	923218o19
51	Recovery and evaluation of different safflower genotypes	2013-14	Executive	91n218o30
52	Assessment of the best varieties of spring rapeseed	2013-14	Executive	921118o27
53	Recovery and evaluation 598 Germplasm of different varieties and species of <i>Brassica</i>	2013-14	Main co-work	91n318o28
54	Evaluation and selection in F3 populations resulted in the cross between different varieties of rapeseed	2013-15	Main co-work	925118o23
55	Recovery and evaluation of Different genotype Flax	2013-14	Main co-work	91n218o29
56	Recovering and evaluating more than 1,500 different soybean genotypes	2014	Main co-work	Non-Code
57	Examining some of genotypes Peanuts in Mazandaran province	2014	Main co-work	Non-Code
58	Recovery and evaluation of different safflower genotypes	2014-15	Executive	93n118o40
59	Regeneration and evaluation of different germplasm (598) of Brassica species	2014-15	Main co-work	93n118o35
60	Evaluation of greenhouse efficiency of different isolates of <i>Trichoderma</i> in controlling of <i>Sclerotinia</i> rot of canola caused by <i>Sclerotinia sclerotiorum</i>	2014-15	Main co-work	931118o38
61	Creating a fertility restorer line (Restorer) For using in rapeseed hybrid production program	2013-15	Main co-work	925118o26 934118o36
62	Production and reproduction of 3 new rapeseed lines: Zaman, Mahtab and Mouje	2104-15	Main co-work	Non-Code
63	Production and reproduction of 3 new rapeseed lines: Zaman, Mahtab and Mouje	2014-15	Main co-work	Non-Code

### Joint projects

---

No	Design name	Year	Partner organisation	Responsibility
1	Determination of the threshold of broadleaf weed damage in Mazandaran rapeseed fields	2008-09	Mazandaran Agricultural and Natural Resources Research Center	Executive
2	Broader weed management of canola fields in wheat alternation in Mazandaran	2008-09	Mazandaran Agricultural and Natural Resources Research Center	Executive
3	Investigation of the sensitivity of some soybean cultivars to cyst nematode	2012	University of Tehran	Main co-worker

### **INTERNATIONAL RESEARCH PROJECTS:**

---

1. Evaluations of spring rapeseed varieties and hybrids (**tolerance to blackleg**) in the Caspian Sea and warm southern regions. 2006 International design: IR2008000482

### **WORKSHOPS ORGANISED:**

---

1. A theoretical and practical seminar on "*Leptosphaeria maculans*" 7 March 2010; 28 November 2010, ORDC.
2. A theoretical and practical workshop on "Breeding soybean" 26 February – 2 March 2005, ORDC.

### **WORKSHOPS ATTENDED**

---

1. Next-generation sequencing: miRNA-Seq data analysis, 2018. Pasteur Institute of Iran
  2. Workshop on Molecular Cloning & Bacterial Transformation, April 2011. The Biological Engineering laboratories (BEL)
  3. Workshop on Application of Genomics and Metagenomics in Microbial Biotechnology 23 to 26 October 2010, ABRII
  4. Workshop on Olive Pests and Diseases. 4 to 8 November 2008 ARNR (Agriculture Research & Natural Resources Mazandaran)
  5. Workshop management oilseeds (Breeding, Pathology, Agronomy and Economic production) 22 May to 30 January 2007 SPII (Seed and Plant Improve Institute)
  6. Workshop Phoma. 26 February 2006, Agricultural Research, Education and Extension Organization (AREEO)
  7. Workshop Soybean Cyst Nematode. 4 December 2005. Agricultural Research, Education and Extension Organization (AREEO)
  8. Workshop on Sclerotinia disease management in canola Dr Dilantha Fernando April 2005. The Ministry of Jihad-e-Agriculture.
-