



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s)	ILINA Maria Diana
Telephone(s)	Mobile:0040 748411741
Fax(es)	
E-mail	<a href="mailto:diana_xd00@yahoo.com">diana_xd00@yahoo.com</a>
Nationality	romanian
Gender	femele

### Desired employment / Occupational field

#### Work experience

Dates	11.01.2021-present
Occupation or position held	scientific research assistant
Main activities and responsibilities	improvement of horticultural plants
Name and address of employer	Dăbuleni Research-Development Station for Plant Cultivation on Sandy Soil, Romania, Petre Banita 217, Dabuleni, Romania
Type of business or sector	Vegetable Department

#### Education and training

Dates	10.2014 – 07.2018
Title of qualification awarded	Diploma of license
Principal subjects/occupational skills covered	Horticulture
Name and type of organisation providing education and training	University of Craiova, Faculty of Horticulture, specialization Engineering and environmental protection in agriculture

The main subjects studied / professional skills acquired

- Biodiversity
- Organization and systematization of the environment
- Ecology
- Environmental legislation

**Personal skills and competences**

good communication and organizational skills  
 - team spirit  
 - adaptability

Mother tongue(s)

**Specify mother tongue**  
 Romanian

Other language(s)

Self-assessment  
 European level (\*)

**English**  
**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	B2	Independent user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- optimistic,
- adaptability organizational,
- spirit, punctuality,
- decision-making

Organisational skills and competences

- good communication,
- skills,
- team spirit,

Computer skills and competences

Microsoft Office(Word, Excel and PowerPoint)

Other skills and competences

Pedagogical module

Driving licence

B

**Additional information**

**Annexes**

1. List of publications,
2. Expertise gained in research projects,
3. Activity memory

March, 2025

Ing. ILINA Maria Diana  
 Scientific research assistant

## 1. LIST OF PUBLICATIONS

- Ciuciuc Elena, Pintilie Ioan, Sfîrloagă Loredana Mirela, **Şerban Maria Diana**, Study of the variability of the main quantitative characters of some homozygous advanced tomato lines, ANNALS OF THE UNIVERSITY OF CRAIOVA, Series Biology, Horticulture, Food products processing technology, Environmental engineering, Vol. XXVI (LXII) — 2021.
- Loredana-Mirela Sfîrloagă, Ştefan Nanu, Elena Ciuciuc, **Diana Şerban**, Variability of the main characters at the *IŞALNIŢA 43* garden dwarf bean variety in the process of conservative selection, Analele Universităţii din Craiova, seria Agricultură-Montanologie-Cadastru (Annals of the University of Craiova-Agriculture, Montanology,
- **ŞERBAN Maria-Diana**, CIUCIUC Elena, NANU Ştefan, SFÎRLOAGĂ Loredana Mirela ,EVOLUTION OF RESEARCHES REGARDING TOMATO CULTURE AT SCDCPN DĂBULENI, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 24/2021.
- SFÂRLOAGĂ Loredana-Mirela, NANU Ştefan, CIUCIUC Elena, **ŞERBAN Maria-Diana**, 2021, Variability of some quantitative characters in the pumpkin line D19 in the process of conservative selection, Analele Staţiunii de Cercetare-Dezvoltare pentru Cultura Plantelor pe Nisipuri Dăbuleni, Volumul 24/2021.
- **ILINA Maria-Diana**, NANU Ştefan, SFÎRLOAGĂ Loredana Mirela, FRĂTUŢU Felicia Constantina, BÂRSOGHE Cristina, BĂJENARU Maria Florentina, COTEŢ Gheorghe, (2022). "The study of the variability of the main quantitative characters of some tomato genotypes for fresh consumption on the sandy soils of SCDCPN Dăbuleni". Analele Staţiunii de Cercetare-Dezvoltare pentru Cultura Plantelor pe Nisipuri Dăbuleni, Volumul 25/2022.
- Felicia C. FRĂTUŢU , Ştefan NANU\*, Aurelia DIACONU , Loredana M. SFÎRLOAGĂ, **Diana M. ŞERBAN** "THE STUDY OF THE PHYSICO-CHEMICAL CHARACTERISTICS OF PUMPKIN SEEDS (CUCURBITA MAXIMA DUCH.) CULTIVATED IN THE SOUTH OF OLTENIA", Analele Universităţii din Craiova, seria Agricultură – Montanologie – Cadastru Vol. 52/1/2022.
- Nanu, Ş., Paraschiv, A. N., Sfîrloagă, L. M., Diaconu, A., FRĂTUŢU, F., Ciuciuc, E., & **Şerban, M. D.**, (2022). "THE EVOLUTION OF THE WATERMELONS CULTURE OVER TIME". ANNALS OF THE UNIVERSITY OF CRAIOVA, Biology, Horticulture, Food products processing technology, Environmental engineering, 27(63).
- Sfîrloagă, L. M., Nanu, Ş., Diaconu, A., **Şerban, M. D.**, Băjenaru, M. F., Bîrsoghe, C., FRĂTUŢU F., & Dima, M. (2022). "THE BEHAVIOR OF SOME TOMATO GENOTYPES UNDER CONDITIONS OF THERMAL-HYDRIC STRESS IN THE SANDY SOILS AREA". ANNALS OF THE UNIVERSITY OF CRAIOVA, Biology, Horticulture, Food products processing technology, Environmental engineering, 27(63)
- M.F. Băjenaru, A.N. Paraschiv, C. Bîrsoghe, **M.D. Şerban**, and I. Răţoi "Research concerning the behavior of table grape cultivars grown on the sandy soils of Southern Oltenia" Romanian Journal of Horticulture, Vol. 3 Noiembrie 2022 M.F.
- **ILINA MARIA-DIANA**, NANU ŞTEFAN, SFÎRLOAGĂ LOREDANA MIRELA, FRĂTUŢU FELICIA CONSTANTINA — THE BEHAVIOR OF THE ALEXANDRA PLANTS VARIETY THROUGH TEMPORARY PROTECTION AND MULCHING IN SANDY SOIL CONDITIONS AT SCDCPN DĂBULENI, Analele SCDCPN Dăbuleni.
- Felicia FRĂTUŢU, Ştefan NANU\*, Loredana SFÎRLOAGĂ, **Diana ILINA-** PHYSICO-CHEMICAL CHARACTERISTICS OF PUMPKIN FRUITS (CUCURBITA MAXIMA DUCH.) CULTIVATED ON SANDY SOILS AT DĂBULENI RDSPCS Scientific Papers. Series B, Horticulture.
- FRĂTUŢU, Felicia, Ştefan, NANU., SFÎRLOAGĂ, L., & **ILINA, D.** (2023). THE BEHAVIOR OF SOME MELON CULTIVARS (CUCUMIS MELON) ON THE SANDY SOILS FROM SCDCPN DĂBULENI. " Annals of the University of Craiova-Agriculture Montanology Cadastre Series", 53(1), 135-140.

- SFÎRLOAGĂ, S., Ștefan, N. A. N. U., FRĂTUȚU, F., & ILINA, M. D. (2023). RESEARCH ON THE BEHAVIOR OF THE LONG PEPPER GENOTYPE 'BOGDAN'(CAPSICUM ANNUUM L.) IN SANDY SOIL CONDITIONS AT DĂBULENI RDSPCS. " Annals of the University of Craiova-Agriculture Montanology Cadastre Series", 53(1), 278-283.
- S. Nanu1a, A.N. Paraschiv1, M. Iamandei2, L.M. Sfîrloagă1, C. Bîrsoghe1, M.D. Iliana1, F. Frătuțu1, M. Băjenaru1- Evaluation of the effectiveness of some protection products against the Tuta absoluta pest in tomato crops from southern Romania, The IX South-Eastern Europe Symposium on Vegetables and Potatoes, Accepted for publication in Acta Horticulturae.
- L.M. Sfîrloagă1a, Ș. Nanu1, A. Diaconu1, F. Frătuțu1, D.M. Iliana1 - The behavior of the long pepper genotype 'L-28' (Capsicum annuum) in pedo-climatic conditions from Dăbuleni RDSPCS, The IX South-Eastern Europe Symposium on Vegetables and Potatoes, Accepted for publication in Acta Horticulturae.
- ILINA MARIA-DIANA, NANU ȘTEFAN, SFÎRLOAGĂ LOREDANA MIRELA, FRĂTUȚU FELICIA CONSTANTINA – THE BEHAVIOR OF THE ALEXANDRA PLANTS VARIETY THROUGH TEMPORARY PROTECTION AND MULCHING IN SANDY SOIL CONDITIONS AT SCDCPN DĂBULENI, Annals of SCDCPN DĂBULENI.
- Maria Diana Iliana, Ștefan Nanu, Loredana Mirela Sfîrloagă, Felicia Constantina Frătuțu. "Variability of the main quantitative characters in the garden pea variety *Ișalnița 60* in sandy soil condition from RDSPCS Dăbuleni" DOI: <https://doi.org/10.52846/aamc.v54i1.1549>.
- ILINA MARIA-DIANA, NANU ȘTEFAN, BĂJEANRU MARIA FLORENTINA, SFÎRLOAGAĂ LOREDANA MIRELA, BÂRSOGHE CRISTINA, FRĂTUȚU FELICIA CONSTANTINA – “RESEARCH ON THE PRODUCTION AND QUALITY OF SOME VINE VARIETIES WITH WHITE WINE GRAPES IN THE SANDY SOIL AREA OF SOUTHERN OLTENIA” “RESEARCH ON THE PRODUCTION AND QUALITY OF SOME VINE VARIETIES WITH WHITE WINE GRAPES IN THE SANDY SOIL AREA OF SOUTHERN OLTENIA” Annals of SCDCPN Dăbuleni, Volume 27/2024.
- Maria Diana ILINA, Ștefan NANU, Loredana Mirela SFÎRLOAGĂ, Felicia Constantina FRĂTUȚU (2024) - Behavior of the garden pea variety "*Ișalnița 60*" in the conditions of sandy soils in southern Oltenia. Scientific Research Offer for Technological Transfer in Agriculture, Food Industry and Forestry, Vol.XXVII, 2024. Ceres Publishing House, ISSN 1844-0355.

## 2. Expertise gained in research projects:

### In National Projects:

- **Project: ADER 7.3.4** „Research on in vitro selection in order to identify, multiply and promote sweet potato genotypes with tolerance to thermohydric stress”.
- **Project: ADER 7.2.1:** „Enriching the vegetable gene pool by obtaining biological creations intended to obtain varieties and hybrids from the *Solanaceae* family, tomatoes, peppers, plantains, eggplants”.
- **Project ADER 7.2.5:** The improvement and diversification of the germplasm of some vegetable crops intended for food products, in order to increase the productivity and quality of the harvest, the adaptability to biotic and abiotic stress factors”.
- **Project 1733/10.10.2018** „Establishing early growing methods and developing field cultivation technologies of some vegetable plant species”.
- **Project 1738/10.03.2018** „Creation and promotion of heat and water stress tolerant genotypes in some vegetable plant species”.
- **Project 1746/11.10.2018:** „Maintaining varietal purity and seed production in vegetable plant cultivars for which SCDCPN Dăbuleni is the maintainer”.
- **ADER 5.2.2** – „Research on the development of modern technologies for the introduction into culture of some valuable species of medicinal and aromatic plants, in the context of supporting agroecosystems in accordance with the EU Biodiversity Strategy, to ensure the economic efficiency of traditional farms”.
- **ADER 5.1.3** - „Identification and promotion of some technological measures in order to make better use of the production obtained from the sweet potato - *Ipomoea batatas* cultivated in Romania, in order to obtain products rich in nutrients and safe for consumers.”

- **ADER 6.3.2:** „Contributions to the efficiency of natural resources in areas subject to aridification by introducing exotic plant species into culture.”
- **ADER 1.1.6:** „Research on the identification/creation of sunflower genotypes, with superior morphological characteristics, with complex resistance to adverse environmental factors, with a high degree of attractiveness for bees, suitable for cultivation in different sustainable agriculture systems, for a healthy diet.”
- **TEMA 1.1.3.:** „Conservation and use of germplasm resources in plant improvement of garden peas, garden beans, tomato, long pepper, bell pepper grown on sandy soils.”
- **TEMA 2.1.1.:** „Improving technologies for growing vegetable plants for the efficient use of sandy land (open field and protected areas).”

### **The memory of the activity**

The undersigned, Ilina Maria-Diana, graduated from the University of Craiova, Faculty of Horticulture, majoring in Engineering and environmental protection in agriculture.

In January 2021, I was hired as a scientific research assistant at the Research and Development Station for Plant Culture on Dăbuleni Sands and I worked in the Horticulture Laboratory.

Within the team of researchers from SCDCPN Dăbuleni, I specialized in the culture of vegetable plants on sandy soils.

Research activity in the field of seed improvement and production on sandy soils has focused on the following aspects:

- the study of the behavior of the biological material in the conditions of sandy soils
  - the cultivation behavior of some genotypes of autochthonous leguminous species in order to recommend the most productive ones that effectively capitalize on the eco-pedological conditions of the sandy soil area;
  - studies on the maintenance of the biological purity of seeds in the varieties of garden peas Adela and Ișalnița 60, dwarf garden beans Ișalnița 43 through conservative selection.

We followed the behavior of tomato, pepper, plantain, eggplant and bean lines in culture, and found that most of the studied varieties and lines achieved high production increases.

In order to obtain certified seed, we followed the verification of the genetic purity of the seed for the varieties of peas and beans.

The researches carried out were concretized by the elaboration of some reception phases and some experimental results obtained.

As part of the scientific research activity, I aimed to acquire knowledge about everything that is new in scientific research within the projects and experiences studied, so that the obtained results can be generalized in production.

March, 2025

Ing. ILINA Maria Diana  
Scientific research assistant