



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Mishchenko Yuriy**
Address(es) H. Kondratiieva Str., 160/5, apt. 41, 40021, Sumy, Ukraine
Telephone(s) Mobile: + 38 095 4192033 Mobile/: Viber+ 38 098 6577504
E-mail Yrmis@ukr.net
Nationality Ukrainian
Date of birth 28.11. 1973
Gender Male

Current employment / Occupational field **Doctor of Agricultural Sciences, Prof. of the Agrotechnologies and Soil Science Department, Faculty of Agrotechnologies and Natural Resource Management, Sumy National Agrarian University**

Work experience

Dates 22.02.2000 till now
Occupation or position held University instructor (03.2000 – 09.2000);
Assistant professor (09.2000 – 09.2021) of the Agriculture, Soil Science and Agrochemistry Department, 160/5 H.Kondratiieva Str., Sumy, 40021, Ukraine
professor (09.2021 till now) of the Agrotechnologies and Soil Science Department, 160/5 H.Kondratiieva Str., Sumy, 40021, Ukraine
Main activities and responsibilities Teaching courses General farming, Adaptive farming systems, Environmental problems of farming, Fundamentals of scientific research in agronomy. Technological and management solutions for growing organic products.
Name and address of employer Sumy National Agrarian University
Type of business or sector Higher Educational Institution (Agricultural Sector)

Education and training

Dates 01.09.1991-30.10.1995
Title of qualification awarded Agronom
Principal subjects/occupational skills covered Agricultural Science
Name and type of organisation providing education and training Sumy State Agrarian University (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification Dipl. Ing. (University)
Dates 01.11.1995-31.08.1996
Title of qualification awarded Magister of Agronomy
Principal subjects/occupational skills covered Agricultural Science

Name and type of organisation providing education and training	Sumy State Agrarian University (meanwhile Sumy National Agrarian University), Ukraine
Level in national or international classification	Dipl. Ing. (University)
Dates	09.1996 – 09.1999
Title of qualification awarded	PhD in Agricultural Science
Principal subjects/occupational skills covered	Agricultural Science
Name and type of organisation providing education and training	Sumy National Agrarian University, Ukraine
Level in national or international classification	PhD in Agricultural Science
Dates	01.04.2000-30.08.2000
Title of qualification awarded	Agronomic practicum
Principal subjects/occupational skills covered	Education, agricultural practices at the farm
Name and type of organisation providing education and training	Germany, Fachhochschule Weihenstephan, Triesdorf
Level in national or international classification	Farmer
Dates	01.04.2007-30.08.2007
Title of qualification awarded	Agronomic practicum
Principal subjects/occupational skills covered	Education, agricultural practices No-Till in Ukraine
Name and type of organisation providing education and training	Ukraine Dnepropetrovsk region, Sinelnikovo district, Mayskoye village, Private Joint-Stock Company "Agro-Soyuz",
Level in national or international classification	Specialist No-Till with production technologies and management in the field of crop production
Dates	30.05.2017-12.06.2017
Title of qualification awarded	Agronomic practicum
Principal subjects/occupational skills covered	Education, methods of using information and communication technologies
Name and type of organisation providing education and training	Ukraine, NUBiP, The Educational-Scientific Institute of postgraduated education
Level in national or international classification	Specialist in the use of information and communication technologies in the educational process
Dates	11.06.2018-15.06.2018
Title of qualification awarded	Agronomic educational
Principal subjects/occupational skills covered	Training and practice of organic agriculture in Germany
Name and type of organisation providing education and training	Project of German-Ukrainian cooperation in the field of organic farming, information tour to the Eberswalde Institute for Sustainable Development (HNEE), International DLG Crop Center (IPZ), Martin Luther University - IAMO, Dresden University of Technology and Economics
Level in national or international classification	Specialist in training and management of organic agriculture

Personal skills and competences

Reliability, loyalty, sociability, energy, purposefulness

Mother tongue(s)

Ukrainian

Other language(s)

German, English

Self-assessment

European level ()***German****English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User	A2	Basic User

Social skills and competences

I can work in a team and individually within the educational and research projects

Practical skills and competences

I have experience of traditional and organic growing crops

Organisational skills and competences

I was responsible for the organization of field research and studies, various professional seminars and conferences

Computer skills and competences

Competent with most Microsoft Office programmes

Driving licence

Category B (car), the right to driving tractors and combines

Additional information:

Scientific Research Topic

Biologization farming systems through rational combination of soil treatment methods and sideration in the conditions of left-bank Forest-steppe zone of Ukraine

1. Mishchenko Y. Green manure crop and structural aggregate state of the soil / Herald Sumy National Agrarian University. Iss. Agronomy and Biology. Sumy: SNAU, 2013. № 3 (25). pp. 83-93.
2. Mishchenko Y. Optimization of soil density in sugar beet growing / Herald Sumy National Agrarian University. Iss. Agronomy and Biology. Sumy: SNAU, 2013. № 11(26). - pp. 62-67.
3. Mishchenko Y. Green manure crop and water permeability of the soil / Herald Sumy National Agrarian University. Iss. Agronomy and Biology. Sumy: SNAU, 2015. № 3(28). - pp. 72-84.
4. Mishchenko Y. G., Masik I.N. Control of weed seeds bank and sugar beets by after crop green manure and different tillages. Ukrainian Journal of Ecology. 2017. 7(4). pp. 517–524. WoS
5. Mishchenko Y. G., Influence cultivation of after crop green manure on the soil density and yield of potatoes. Proceedings of the II International Scientific and Practical Conference "Topical Problems Of Modern Science" (November 18, 2017, Warsaw, Poland). RS Global S. z O.O., Warsaw, Poland, 2017, Vol.1. pp. 38-42.
6. Herbological monitoring of efficiency of tillage practice and green manure in potato agroecosis / Y. G. Mishchenko at all. Ukrainian Journal of Ecology, 2019, 9(1) pp. 210-219. WoS
7. On problem of establishing the intensity level of crop variety and its yield value subject to the environmental conditions and constraints / Oleh Kharchenko, Elina Zakharchenko, Ihor Kovalenko, Volodymyr Prasol, Olena Pshychenko, Yurii Mishchenko. AgroLife Scientific Journal Volume 8, University of Agronomic Sciences and Veterinary Medicine of Bucharest. No. 1, 2019. pp. 113-120. WoS
8. Mishchenko, Y. H., Zakharchenko, E. A. The effect of green manures on weediness of sugar beet / Herald Sumy National Agrarian University. Iss. Agronomy and Biology. Sumy: SNAU, 2019. № 4(38). pp. 42-50.
9. Mishchenko, Y. H., Zakharchenko, E. A., Masik I.N. Influence of green manure (oilseed radish) and tillage practices on nutrients dynamics of chernozem calcic during arable crops growth. Iss. Agronomy and Biology. Sumy: SNAU, 2020. №. 3 (41). Pp.. 8-22. doi.org/10.32845/agrobio.2020.3.2
10. Mishchenko, Y., Kovalenko, I., Butenko, A., Danko, Y., Trotsenko, V., Masyk, I., Zakharchenko, E., Hotvianska, A., Kyrsanova, G., and Datsko, O. (2022). Post-Harvest Siderates and Soil Hardness. Ecological Engineering & Environmental Technology, 23(3), pp.54-63. <https://doi.org/10.12912/27197050/147148>

11. Mishchenko, Yurii, Ihor Kovalenko, Andrii Butenko, Yuriy Danko, Volodymyr Trotsenko, Ihor Masyk, Mykola Radchenko, Zoya Hlupak, and Andrii Stavtyskyi. "Microbiological Activity of Soil Under the Influence of Post-Harvest Siderates". *Journal of Ecological Engineering* 23 no. 4 (2022): 122-127. doi:10.12911/22998993/146612. WoS
12. Tsyuk, O., Tkachenko, M., Butenko, A., Mishchenko, Y., Kondratiuk, I., Litvinov, D., Tsiuk, Y., Sleptsov, Y. 2022. Changes in the nitrogen compound transformation Y., Kopylova T., Havryliuk O. Influence of feeding and tillage on the content of humus tion processes of typical chernozem depending on the tillage systems and fertilizers. *Agrarteasus*, 33(1):192–198. <https://doi.org/10.15159/jas.23.03>
13. Zakharchenko E., Datsko O., Mishchenko Y., Melnyk A., Kriuchko L., Rieznik S. and Hotvianska A. Efficiency of biofertilizers when growing corn for grains. *Modern Phytomorphology*. Volume 17 (2023) P. 50-56. DOI: 10.5281/zenodo.2023-17-200117 WoS
14. Voitovyk M., Butenko A., Prymak I., Mishchenko Y., Tkachenko M., Tsyuk O., Panchenko O., Sleptsov Y., Kopylova T., Havryliuk O. (2023) Influence of fertilizing and tillage systems on humus content of typical chernozem. *Agrarteasus*, Volume 34 (1). . <https://doi.org/10.15159/jas.23.03>
15. Guo M., Zhu G., Mishchenko Y., Butenko A., Kovalenko V., Rozhkova T., Zhao H. Highly sensitive electrochemical detection of gallic acid in tea samples by using single-walled carbon nanotubes@silica dioxide nanoparticles decorated electrode. *International Journal of Electrochemical Science*, Volume 18 (10), 2023, 100291. DOI 10.1016/j.ijoes.2023.100291 Scopus / WoS
16. Guo M., Han J., Mishchenko Y., Butenko A., Kovalenko V., Zhao H. Fabrication of methyl parathion electrochemical sensor based on β -cyclodextrin decorated single-wall carbon nanotubes. *Materials Research Innovations*, Taylor & Francis, 2023. 2244742. DOI: 10.1080/14328917.2023.2244742
17. Meimei Guo, Jiale Han, Yurii Mishchenko, Andrii Butenko, Vladyslav Kovalenko, Tetiana Rozhkova, Hongyuan Zhao. (2023) Electrochemical detection of methyl parathion using zirconium dioxide@single-walled carbon nanotubes nanocomposite modified glassy carbon electrode. *International Journal of Electrochemical Science*. 18(11), 100340, <https://doi.org/10.1016/j.ijoes.2023.100340> ISSN: 1452-3981 Scopus / WoS
18. Voitovyk M. V., Panchenko O. B., Tsyuk O. A., Mishchenko Y. G.. Energy efficiency of agrotechnologies of short rotation crop rotations № 5 (105), 007, 2023, ISSN 2223-1609, doi:[http://dx.doi.org/10.31548/dopovidi5\(105\).2023.007](http://dx.doi.org/10.31548/dopovidi5(105).2023.007). ISSN: 2223-1609 <https://nfv.ukrintei.ua/view/5b1926367847426a63191925>
19. Mishchenko, Y. H., Masik I.N. Davydenko G. A., Lytvynenko A. V., Ryzhenko A. T., Sievidov O. A. Control of weeds in maize growing. *ss. Agronomy and Biology*. Sumy: SNAU. № 3(53), 2023, pp. 43-51.
20. Liu Y., Han J., Mishchenko Y., Butenko A., Kovalenko V., Zhao H. (2024) Facile synthesis of β -cyclodextrin decorated Super P Li carbon black for the electrochemical determination of methyl parathion. *Materials Research Innovations*, Taylor & Francis, 28(3), pp. 146-153. 2243069, <https://doi.org/10.1080/14328917.2023.2243069>
21. Zakharchenko, E., Datsko, O., Butenko, S., Mishchenko, Y., Bakumenko, O., Prasol, V., Dudka, A., Tymchuk, N., Leshchenko, D., and Novikova, A. (2024). The Influence of Organic Growing of Maize Hybrids on the Formation of Leaf Surface Area and Chlorophyll Concentration. *Journal of Ecological Engineering*, 25(5), pp.156-164. <https://doi.org/10.12911/22998993/186162> Scopus /WoS
22. Voitovyk M., Butenko Y., Tkachenko M., Mishchenko Y., Tsyuk O., Obrazhyy S., Panchenko O., Martyniuk I., Kondratiuk I., Kopylova T. (2024). Assessment of the Effect of Sunflower Agroecosystem on the Characteristics of the Structural and Aggregate Composition of Typical Black Soil. *Journal of Ecological Engineering*, 25(1), pp.153-160. <https://doi.org/10.12911/22998993/174778> Scopus / WoS
23. Mishchenko, Y., Butenko A., Bahorka M., Masyk I., Yurchenko N., Skydan M., Onoprienko I., Hotvianska A., Tokman V., Ryzhenko A. (2024). Justification of organic agriculture parameters in potato growing with economic and marketing evaluation. *Agrolife Scientific Journal*, 13(1), pp. 139–146. <https://doi.org/10.17930/agl2024115>
24. Voytovyk Mihaylo, Butenko Andrii, Prymak Ivan, Tkachenko Mykola, Mishchenko Yurii, Tsyuk Oleksiy, Panchenko Oleksandr, Kondratiuk Irina, Havryliuk Oleksandr, Sleptsov Yurii, Polyvanyi Anton. (2024). Mobile Phosphorus Presence of Typical Chernozems on Fertiliser System. *Rural Sustainability Research*. 51. pp. 58-65. <https://doi.org/10.2478/plua-2024-0006>
25. Mishchenko Yurii, Kolisnyk Oleg, Bahorka Mariia, Yakovets Liudmyla, Samoshkina Iryna, Yurchenko Nataliia, Klymchuk Oleksandr, Yunyk Anatolii, Tymchuk Dmytro, Sobran, Ivan. (2024). Agro-Ecological, Marketing Assessment for Siderate in Potato Cultivation. *Ecological Engineering & Environmental Technology*. 25. 158-164. DOI: <https://doi.org/10.12912/27197050/193945>

Projects Experience:	Member of the Sumy branch of the the Ukrainian Society of Soil Scientists and Agrochemists. Member of the public union "Organic Ukraine. North". Head and executor of research topics at the stationary field experiment of the Agrotechnologies and Soil Science Department, Faculty of Agrotechnology and Nature Management of SNAU. Certification of Sumy National Agrarian University as an operator of organic production.
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