



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Vladyslav Kovalenko		
Address(es)	Postolnoe, 110/A, Sumy region, 42324, Ukraine		
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Fax(es)			
E-mail	tovagrame_bz@ukr.net		
Nationality	Ukrainian		
Date of birth	22.04.1982		
Gender	Male		

Current employment / Occupational field	associate Prof of the Department biotechnolog protermosolar, Agrotechnology and Nature Resources Faculty, Sumy National Agrarian University
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Work experience

Dates	04.2007-09.2008
Occupation or position held	the head of the inspection of protection the rights on the plants' sorts, the assistant chief of the Sumy Region Center of the plants sorts examination
Main activities and responsibilities	studies of plant varieties registered in Ukraine at Sumy region
Name and address of employer	Sumy, Ukraine
Type of business or sector	Agricultural sector
Dates	11.2008-11.2010
Occupation or position held	Post graduate student of the Department of biotechnology of Mrs., Faculty of Agrotechnology and Nature Resources, Sumy National Agrarian University
Main activities and responsibilities	Scientific research regarded to potatoes growing technologies
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratieva st., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agrarian sector)
Dates	09. 2010 till now
Occupation or position held	the Department of biotechnology of Mrs., Faculty of Agrotechnology and Nature Resources
Main activities and responsibilities	Teaching and scientific activity in the sphere plant protection products and scientific research
Name and address of employer	Sumy National Agrarian University, 160 H. Kondratieva st., Sumy, 40021, Ukraine
Type of business or sector	Higher Educational Institution (Agrarian sector)

Education and training

Dates 09.2003-06.2007
 Title of qualification awarded Bachelor, specialization "Agronomy"
 Principal subjects/occupational skills covered Crop growing technologies, farming
 Name and type of organization providing education and training Sumy National Agrarian University
 Level in national or international classification Dipl. Ing. (University)

Dates 09.2009-02.2011
 Title of qualification awarded specialist, specialization "Agronomy"
 Principal subjects/occupational skills covered Crop growing technologies, farming
 Name and type of organisation providing education and training Sumy National Agrarian University
 Level in national or international classification Dipl. Ing. (University)

Personal skills and competences

Reliability, sociability, energy, loyalty, purposefulness

Mother tongue(s) Ukrainian

Other language(s) **English**

Self-assessment
 European level (*)

German

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
-	-	-	-	-	-	-	-	-	-
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

Social skills and competences I am used to work in the team within the framework of crop growing technologies oriented for Forest-Step and Forest of Ukraine.

Organisational skills and competences I was responsible for the organization of different scientific student practices. I have been consulting different agricultural economies for intensive crop growing.

Computer skills and competences Competent with most Microsoft Office programs

Artistic skills and competences -

Driving licence Category B (car); category B (tractor)

Additional information:

Scientific Research Topic and Publications

1. Application of para-aminobenzoic acid (PABA) in potato cultivation
2. Ruslan Khovzun¹, Vladyslav Kovalenko¹, Mykola Furdyga², Serhii Butenko^{1*}, Pavlo Serdiuk², Arthur Shevych¹, Viktor Zakorko¹, Bohdan Chetveryk¹, Oleksandr Horpynchenko¹
3. Sumy National Agrarian University, 160, H. Kondratieva St., Sumy, 40021, Ukraine
4. Institute for Potato Research NAAS of Ukraine, 22, Yaroslava Mudroho St., Nemishaieve, Kyiv region, 07853, Ukraine
5. Datsko, O., Jelinek, M., Kovalenko, V., Butenko, Y., Kravchenko, N., Hnitskyi, M., ... & Badzym, R. (2025). Pesticide use and implications for food security. *Modern phytomorphology*, 19, 112-116.
6. U. Karbivska, Y. Butenko, Yaroslava Hryhoriv, N. Dolynko, N. Bielova, V. Kovalenko, O. Danylchenko, N. Tymchuk, A. Stavitskyi, R. Bordun. (2025). Pro-ecological and energy-saving technologies for the use of meadow grasslands of different maturity, taking into account their biological characteristics and the environment. *Ecological Engineering and Environmental Technology* 26 (4), 121-129
7. Zakharchenko E., Adamchuk Y., Yakovets L., Kovalenko N., Bahorka M., Yurchenko N., Kovalenko V., Kalnaguz A., Horpynchenko O., Zheldubovskiy M. Agrotechnological and marketing evaluation of urea-ammonia nitrate application in growing crops in Ukraine. 2025. V. 19. P. 194-199
8. Zakharchenko E., Ponomarenko M., Kolosok A., Litvinov D., Kovalenko V., Artemenko D., Vasylenko S., Polyvanyi A., Serdiuk P., Shevych A., Zakorko V. Regulation of mineral nutrition of agricultural crops in precision farming. *Modern phytomorphology*. 2024. V. 18. P. 151-157. DOI: 10.5281/zenodo.200121
9. Kovalenko, V., Kovalenko, N., Gamayunova, V., Butenko, A., Kabanets, V., Salatenko, I., Kandyba, N., and Vandyk, M. (2024). Ecological and Technological Evaluation of the Nutrition of Perennial Legumes and their Effectiveness for Animals. *Journal of Ecological Engineering*, 25(4), pp. 294-304. <https://doi.org/10.12911/22998993/185219>
10. Hryhoriv, Yaroslava, Yevheniia Butenko, Victor Kabanets, Vasyl Filon, Lyudmyla Kriuchko, Liudmyla Bondarieva, Maryna Mikulina, Yevhen Yevtushenko, Anton Polyvanyi, and Vladyslav Kovalenko. "Prospectives of growing energy crops for the production of different types of biofuel". *Ecological Engineering & Environmental Technology* (2024). <https://www.scopus.com/record/display.uri?eid=2-s2.0-85189154587&origin=resultslist>
11. Implementation of the potential of dietary potato varieties in the conditions of the Northeastern Forest-Steppe of Ukraine Vladyslav Kovalenko, Yevheniia Butenko*, Pavlo Serdiuk, Arthur Shevych, Oleksandr Serdiuk, Viktor Zakorko *Modern Phytomorphology* Short name: MP ISSN: ISSN 2226-3063/ eISSN 2227-9555 Year: 2024 Volume: 18 Page numbers: 52 – 55
10.5281/zenodo.11212840 (DOI)
12. Reaction of potato varieties to treatment with nitrogen-fixing bacteria and mycorrhizal biopreparations Vladyslav Kovalenko* PhD in Agricultural Sciences, Associate Professor Sumy National Agrarian University 40021, 160 Gerasym Kondratiev Str., Sumy, Ukraine <https://orcid.org/0000-0002-9830-3370>
DOI: 10.48077/sci-hor11.2024.32
13. Lys, N., Tkachuk, N., Butenko, A., Kozak, M., Polyvanyi, A., Kovalenko, V., Pylypenko, V., Andrukh, S., Livoshchenko, Y., and Livoshchenko, L. (2023). Evaluation of the Efficiency of Energy Populus (Poplar) Growing Technology as an Alternative Source of Energy. *Journal of Ecological Engineering*, 24(12), pp.152-157. <https://doi.org/10.12911/22998993/173006>
14. УДК 633.522:631.52
DOI <https://doi.org/10.32848/agrar.innov.2025.31.25> RAPD–ДІАГНОСТИКА СОРТІВ ЯЧМЕНЮ ВІТЧИЗНЯНОЇ ТА ЗАРУБІЖНОЇ СЕЛЕКЦІЇ ВЕРЕЩАГІН І.В. – кандидат сільськогосподарських наук, доцент orcid.org/0000-0002-6589-5138 БЕРДІН С.І. – кандидат сільськогосподарських наук, доцент orcid.org/0000-0002-2337-4107 КОВАЛЕНКО В.М. – кандидат сільськогосподарських наук, доцент orcid.org/0000-0002-9830-3370 Сумський національний аграрний університет
15. Коваленко В. М., Башлай С. В. Коваленко В. М., Башлай С. В. Техніко-економічне обґрунтування проекту біотехнологічного виробництва. *Modern engineering and innovative technologies*. 2024. № 36/3. P. 77-83. DOI: 10.30890/2567-5273.2024-36-00-075
16. Башлай С. В., Коваленко В. М. Проектування біотехнологічних процесів в аграрній сфері України. International scientific conference "World scientific and technical trends 2024" (December, 2024). Karlsruhe, Germany. 2024.
17. Закорко В.С., Коваленко В.М. Культивування насіннєвого матеріалу картоплі, отриманого в культурі меристеми in vitro. Таврійський науковий вісник. Серія: сільськогосподарські науки. № 139. 2024. УДК 635.21:361.523 DOI <https://doi.org/10.32782/2226-0099.2024.139.1.11>
18. В. С. Закорко, В. М. Коваленко. Культивування насіннєвого матеріалу картоплі, отриманого в культурі меристеми in vitro (Оглядова). Український журнал природничих наук» № 10/2024.
19. Meimei Guo, Jiale Han, Yurii Mishchenko, Andrii Butenko, Vladyslav Kovalenko, Tetiana Rozhkova, Hongyuan Zhao. Electrochemical detection of methyl parathion using zirconium dioxide@single-walled carbon nanotubes nanocomposite modified glassy carbon electrode. *International Journal of Electrochemical Science*. Volume 18, Issue 11, 2023, 100340. doi.org/10.1016/j.ijoes.2023.100340.
20. Tonkha O., Butenko A., Bykova O., Kravchenko Y., Pikovska O., Kovalenko V., Evpak I., Masyk I., Zakharchenko E. (2021). Spatial Heterogeneity of Soil Silicon in Ukrainian Phaeozems and Chernozems. *Journal of Ecological Engineering*, 22(2), pp. 111-119. <https://doi.org/10.12911/22998993/130884>
21. Kovalenko V., Dolia M., Tonkha O., Butenko A., Kokovikhin S., Onychko V., Masyk I., Onychko T., Radchenko M. (2023) Adaptation potential of alfalfa among other crops with resource-saving technologies while preserving ecological biodiversity. *Modern Phytomorphology*. V.17 (2). pp. 54-62.
22. Lykholat Y., Khromykh N., Didur O., Kotovych N., Kovalenko I., Kovalenko V., Tsyliuryk O., Lykholat T. The study of transformed herbaceous vegetation in the area flooded due to coal mine workings. *Ekologia (Bratislava)*. Journal of the Institute of Landscape Ecology, Slovak Academy of Sciences. Vol. 40, No. 3, p. 222–229, 2021.
23. Ihor Kovalenko, Ihor Vereshchahin, Yevheniia Butenko, Natalia Kandyba, Viktor Onychko, Olha Bakumenko, Vladyslav Kovalenko, Tetiana Klochko. Rapid-Analysis of Flax Varieties of the Ukrainian National Collection. *Ecological Engineering & Environmental Technology*. 2022. V. 23(3). pp. 1–6.
24. DOI: <https://doi.org/10.12912/27197050/146384>

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26. Фахові :

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30. Rooting and adaptation of *Solanum tuberosum* L. under ex vitro conditions after exposure to different sucrose concentrations in the in vitro nutrient medium . Ihor Kovalenko , Vladyslav Kovalenko , Andrii Butenko , Ihor Vereshchahin , Ivan Sobran (Scopus) MDPI. The article in the journal of Switzerland.

31. Productivity of oat (*Avena sativa* L.) with different methods of cultivation on soddy-podzolic soils. Ya. Ya. Hryhoriv, A. O. Butenko , V. M. Kovalenko, E. A. Zakharchenko, L. V. Kriuchko, O. I. Pshychenko, M. V. Radchenko, S. S. Trotska (Scopus) ISSN: 00845841. *AMA*, Volume 51, Issue 01, 30 Jun 2021

32. THE STUDY OF TRANSFORMED HERBACEOUS VEGETATION IN THE AREA FLOODED DUE TO COAL MINE WORKINGS. *Ekológia (Bratislava)* YURIY LYKHOLAT , NINA KHROMYKH2 , OLEH DIDUR2 , OLEKSANDR KOTOVYCH3 , IGOR KOVALENKO4 , VLADYSLAV KOVALENKO5

, OLEXANDER TSYLIURYK6 , TETYANA LYKHOLAT - *Journal of the Institute of Landscape Ecology, Slovak Academy of Sciences*. Vol. 40, No. 3, p. 222–229, 2021

33. A. PODHAIETSKYI, N. KRAVCHENKO, V. KOVALENKO EFFECT OF IONIZING RADIATION AND THE ORIGIN OF HYBRID POTATO SEEDS ON THEIR GERMINATION «Published in *AgroLife Scientific Journal*, Volume 8, Number 2

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Annexes