



DEMENKO VIKTOR

Date of birth 8 February 1964

Citizenship Ukraine

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Education *

1. Malovystoropsky State Agricultural Technical School named after P.S. Rybalka, 1983, specialty "Agronomy", qualification "agronomist". Diploma DT No. 786058 dated 03.26.1983.
2. Sumy Agricultural Institute, 1991, specialty "Agronomy", qualification "scientist agronomist". Diploma MV-I No. 035502 dated 07.12. 1991.
3. Sumy National Agrarian University, Sumy (Ukraine), 2016-2017, specialist, speciality 202 'Plant Protection and Quarantine'. Diploma series C 17 No. 038871 of 30 June 2017.

Academic degree *

Candidate of Agricultural Sciences from May 21, 1998, Institute of Sugar Beet of the Ukrainian Academy of Sciences, 06.01.09 – Plant Production, DK No. 000493.





Academic title *	Associate Professor of the Department of Plant Protection from 23 December 2002, DC No. 006306
Professional work experience *	January 1999 to present Associate Professor, Department of Plant Protection named after A.K. Mishnev Sumy National Agrarian University 160 G. Kondratiev St., 40021, Sumy (Ukraine)
Main research activities	
Participation in collective research projects <i>(no more than 5 positions in the last 10 years)</i>	Scientific and technical development under the state order of the Ministry of Education and Science on the topic 'Selection of promising durum wheat lines for the creation of varieties with group resistance to diseases' (registration number: 0119U102849) (executor);
Main scientific achievements	
Published scientific papers* <i>(no more than 10 items for the last 10 years)</i>	1. Alla Burdulaniuk, Tetiana Rozhkova, Valentyna Tatarynova, Olha Bakumenko, Oleksandr Yemets, Viktor Demenko, Viktor Pivtoraiko, Yuriy Spychak (2025). Influence of anthropogenic and climatic factors on the dynamics of penetration and spread of the quarantine pest <i>Tuta absoluta</i> Meyr. in Ukraine. <i>Ecological Engineering & Environmental Technology (EEET)</i>, 26(1), 280-291. https://doi.org/10.12912/27197050/195739 (<i>Scopus</i>) 2. Urii Spychak, Tetiana Rozhkova, Liudmyla Tytova, Liudmyla Biliavska, Olha Bakumenko, Valentyna Tatarynova, Oleksandr Yemets, Viktor Demenko, Viktor Pivtoraiko, Alla Burdulaniuk (2025). Changes in the seed and soil micobiota caused by seed treatment with chemical and biological agents. <i>Ecological Engineering & Environmental Technology (EEET)</i>, 26(1), 103-110. https://doi.org/10.12912/27197050/195636 (<i>Scopus</i>); 3. Rozhkova, T., Burdulanyuk, A., Tatarynova, V., Yemets, O., Demenko, V., Spychak, Y. ... Rozhkova, Y. (2024). Macroanalysis of Winter Wheat Seeds and Features of their Germination. <i>Ecological Engineering & Environmental Technology</i>, 25(5), 304-311. https://doi.org/10.12912/27197050/186126 (<i>Scopus</i>); 4. Yemets O. M., Vlasenko V. A., Demenko V.M., Tatarynova V. I., Rozhkova T. O., Burdulaniuk A. O., Bakumenko O. M., Osmachko O.M., Shcherbyna Y. M. Seymska Population of Russian Desman (<i>Desmana moschata</i> L.) in North-Eastern Part of Ukraine: A History of Formation and Current State. <i>Indian Journal of Ecology</i>. 47(4): 2020. 1077-1083. (<i>Scopus</i>). 5. Oksana Datsko, Marek Jelinek, Vitalii Kovalenko, Yevheniia Butenko, Natalia Kravchenko, Maksym Hnitetskyi, Roman





Bordun, Viktor Demenko, Lyudmyla Kriuchko, Roman Badzym. (2025). Pesticide use and implications for food security. *Mod. Phytomorphology*. V. 19, P. 112-116. DOI: 10.5281/zenodo.200121 (10.5281/zenodo.2025-19). (*Web of Science*).

Other significant scientific achievements

(no more than 5 positions for the last 10 years)

1. Golinach O. L., Tatarinova V. I., Demenko V. M., Proshchenko O. V., Khilko N. V., Melnyk L. M. Forecast of the phytosanitary condition of agrocenoses and recommendations for the protection of cultivated plants from pests, diseases and weeds in farms in the Sumy region in 2025. Main Directorate of the State Service for Food Safety and Consumer Protection in the Sumy region. Sumy. 2025. 73 p.

2. Demenko V.M., Golinach O.L., Yemets O.M., Burdulyanyuk A.O., Rozhkova T.O., Tatarinova V.I. Dynamics of winter wheat pest populations in the Sumy region. Bulletin of Sumy National Agrarian University. Series 'Agronomy and Biology', Issue 2 (44), 2021.

3. Demenko V.M., Golinach O.L., Vlasenko V.A., Khilko N.V., Zhatov O.G., Trotsenko V.I. Phytosanitary condition of spring rapeseed crops in the north-eastern forest-steppe zone of Ukraine. Bulletin of Sumy National Agrarian University. 2019. Series 'Agronomy and Biology'. Issue 1-2 (35-36). P. 3 - 9.

4. Demenko V.M., Golinach O.L., Vlasenko V.A. Phytosanitary condition of sunflower crops in the north-eastern forest-steppe zone of Ukraine. Bulletin of Sumy National Agrarian University. 2019. Series 'Agronomy and Biology'. Issue 4 (38). Pp. 3-7.

Presentation of scientific results

Keynote (plenary) presentations at conferences of national or international level (except for conferences that have always been held in absentia)

1. Demenko V., Demchenko V. Use of entomophages against cotton bollworm in corn crops // Science and Information Technologies in the Modern World: Collection of Scientific Papers with Proceedings of the 2nd International Scientific and Practical Conference. International Scientific Unity. 21-23 May 2025. Athens, Greece. Pp. 57-60.

2. Demenko V.M., Yemets O.M., Pivtorayko V.V. Quarantine status of Sumy region. // International scientific and practical conference PLANT PROTECTION AND QUARANTINE IN THE 21ST CENTURY: PROBLEMS AND PROSPECTS II International Scientific and Practical Conference dedicated to the anniversary dates of the birth of outstanding entomologists, Doctors of Biological Sciences, Professors O.O. Migulin and O.V. Zakharenko 19-20 October 2023 Kharkiv, 2023. Pp. 55-57.

3. Demenko V. M., Yemets O. M. Measures to protect apple trees from pests / V. M. Demenko, O. M. Yemets // Problems of ecology and environmentally oriented plant protection.





	Materials of the international scientific and practical conference of the Faculty of Plant Protection of the V. V. Dokuchaev Kharkiv National Agricultural University (29-30 October 2020). Kharkiv: KhNAU, 2020. – P. 52-54.
Reports at scientific conferences* (seminars, symposia, etc.) <i>(no more than 10 items for the last 10 years)</i>	1. Demenko V. M., Demchenko V. O. Influence of weather conditions on the development and spread of pests in corn crops // Materials of the scientific and practical conference of teachers, postgraduates and students of Sumy NAU (14-18 April 2025). Sumy, 2025. P. 41. 2. Demenko V.M., Naumenko A.V. Improving measures to protect spring barley from pests at the Berezhovorudsky Professional College of the PDAU // International Scientific and Practical Conference 'Goncharov Readings', dedicated to the 95th anniversary of the birth of Doctor of Agricultural Sciences, Professor Mykola Demyanovich Goncharov (24 May 2024). Sumy, 2024. 3. Demenko V. M., Tymchenko I. V. Beneficial entomofauna on the territory of the National Nature Park 'Pyriatynsky'. //Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy National Agrarian University (19-23 April 2021). Sumy, 2021. P. 28. 4. Demenko V. M. Phytosanitary condition of corn in the conditions of the north-eastern forest-steppe of Ukraine / International scientific and practical conference 'Goncharov Readings', dedicated to the 90th anniversary of the birth of Doctor of Agricultural Sciences, Professor Mykola Demyanovich Goncharov (24-25 May 2019). Sumy, 2019. P. 190–191.
Teaching activity	
Main author's training courses in higher education institutions (developed on the basis of own research) <i>(no more than 5 items for the last 10 years)</i>	1. Weed Management in Agrophytocenoses, Level II Higher Education, Sumy National Agrarian University, 5 ECTS credits https://cdn.snau.edu.ua/moodle/course/view.php?id=1239 2. Management of phytophagous insect populations, Level II higher education, Sumy National Agrarian University, 5 ECTS credits https://cdn.snau.edu.ua/moodle/course/view.php?id=1212 3. Agricultural Entomology. Level I of higher education, Sumy National Agrarian University, 5 ECTS credits https://cdn.snau.edu.ua/moodle/course/view.php?id=817 4. Harmful vegetation and quarantine species, Level I of higher education, Sumy National Agrarian University, 5 ECTS credits https://cdn.snau.edu.ua/moodle/course/view.php?id=3457





Major author's methodological developments (textbooks, manuals, teaching materials, curricula for higher education)

(no more than 5 items for the last 10 years)

1. Demenko V.M., Yemets O.M. Management of phytophagous insect populations. Textbook for students majoring in 202 'Plant Protection and Quarantine.' Sumy, SNAU, 2023. 364 p. (Protocol No. 17 of 01.05.2023).
2. Demenko V.M., Yemets O.M. Agricultural Entomology. Textbook for students majoring in 202 'Plant Protection and Quarantine'. Sumy: FOP Litovchenko E.B., 2020. – 343 p.
3. Demenko V. M., Yemets O. M. Entomology. Textbook for speciality 201 'Agronomy', 202 'Plant Protection and Quarantine'. Sumy: FOP Litovchenko E. B., 2019. – 440 p.
4. Demenko V.M., Vlasenko V.A., Yemets O.M., Kabanets V.V. Protection of ornamental and flowering plants from pests. Textbook. Sumy: SNAU, 2017. – 392 p. (Protocol No. 8 of 26 June 2017)
5. Demenko V.M., Yemets O.M., Bakumenko O.M. Management of weed populations in agrophytocenoses. Textbook. Sumy: SNAU, 2018. – 140 p. (Protocol No. 12 of 2 July 2018)

Expert activity

Membership in specialised academic councils for the defence of dissertations

(no more than 5 positions in the last 10 years)

Work in ad hoc specialised councils for the defence of dissertations:

- Reviewer of the dissertation of Doctor of Philosophy V.V. Pivtorayka, 2023
- Reviewer of the doctoral dissertation of Cao Zhishan, 2024
- Reviewer of the doctoral dissertation of Shunxiao Liu, 2024

Improving scientific qualifications

Additional professional training (trainings, summer schools, educational seminars, workshops, courses, etc. to obtain relevant scientific knowledge, skills and abilities)

(no more than 5 positions in the last 10 years)

1. Sumy State Pedagogical University named after A.S. Makarenko. Topic: 'Technologies for teaching biological disciplines and conducting scientific research in biology.' Certificate PK No. 02125510/003996-25 dated 12 March 2025, 180 hours (6 credits).
2. Advanced training at Sumy National Agrarian University from 27 April to 4 May 2020, 30 hours (1 credit). Topic: 'Ensuring the quality of higher education.' Certificate No. NPP20033 dated 4 May 2020.

Scientific internships abroad (for more than 2 months, in higher education institutions or research institutions, except

1. Internship (certificate No. 110) at Wyższa Szkoła Zarządzania i Administracji w Opolu (Higher School of Management and Administration in Opole, Poland) (<http://www.wszia.opole.pl/uk/>). Topic: 'Best Management Practices in Ecology and Plant Protection for Implementation





for part-time and excluding CIS countries) <i>(no more than 5 positions in the last 10 years)</i>	in Ukraine', 1st of March to 31st of May, 2020 (180 hours) (certificate); 2. International Certificate No. 8193/20 August 2022 from the International Historical Biographical Institute. 23 June – 20 August 2022, 180 hours or 6 ECTS credits. Qualification: 'International Category B Manager in Education and Science, according to UNESCO classification' and 'International Teacher/Lecturer'.
Knowledge of foreign languages	English – Level B2 Certificate No: 001000241 (11.05.2021) Common European Framework of Reference (CEFR) City: Kyiv

