

PERSONAL INFORMATION

Vereshchahin Ihor Volodymyrovych



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Sex Male Date of birth 22 Feb 1986 | Nationality Ukrainian

PERSONAL INFORMATION

Work Experience

November 2011- November 2012

**Junior research associate**

Institute of fibre crops and Phyto-Pharmaceutical raw materials of the National Academy of Agrarian Sciences of Ukraine, Tereshchenkiv str., 45, Hlukhiv city, Sumy Oblast, (Ukraine)  
Responsible for selection work with linen flax  
**Business or sector** Research institution

November 2012- November 2014

**Junior research associate**

The fibre crop research station of North-East Agriculture Institute of the National Academy of Agrarian Sciences of Ukraine, Tereshchenkiv str., 45, Hlukhiv city, Sumy Oblast, (Ukraine)  
Responsible for selection work with linen flax  
**Business or sector** Research institution

November 2014-August 2017

**Research associate**

Institute of fibre crops of the National Academy of Agrarian Sciences of Ukraine, Tereshchenkiv str., 45, Hlukhiv city, Sumy Oblast, (Ukraine)  
Responsible for selection work with linen flax  
**Business or sector** Research institution

August 2017-Present

**Associate professor of Department of selection and seed farming named after N. D. Honcharov**

Sumy National Agrarian University  
Herasym Kondratiev str. 160/4, 40021 Sumy (Ukraine)  
[www.sau.sumy.ua](http://www.sau.sumy.ua)  
Training and scientific activity in the field of selection of crops  
**Business or sector** Higher education institution

EDUCATION AND TRAINING

- September 2003-June 2007 Bachelor, specialty "Pedagogical education"  
Hlukhiv National Pedagogical University, Hlukhiv (Ukraine) Teaching biological disciplines, psychology
- September 2007-June 2008 Specialist, specialty "Pedagogy. Methods of secondary education. Biology. Practical psychology"  
Hlukhiv National Pedagogical University, Hlukhiv (Ukraine) Teaching biological disciplines, psychology
- November 2009-July 2014 Candidate of agricultural Science  
The fibre crop research station of North-East Agriculture Institute of the National Academy of Agrarian Sciences of Ukraine (Hlukhiv), Plant Production Institute named after V. Ya. Yuryev of NAAS, Kharkiv city (Ukraine)

09.10.2017 – 29.12.2017 – Training courses in electron microscopy (Sumy National Agrarian University).

Erasmus+ Program, project KA2 n° 586383-EPP-1-2017-1-SI-EPPKA2-CBHE-JP (2017-2978/001-001), Project "Improving skills in laboratory practice for agri-food specialists in eastern Europe" (Ag-Lab).

17.01.18 -18.01.18 – National Center "Agro-Osvita", Kyiv;

. 09.07. 2018 – 12.07.2018 – State Agrarian University of Moldova, Chisinau, (Moldova).

16.09.2019 – 02.10.2019. National University of Life Resources and Environmental Management "Innovative orientation of pedagogical activity"; CC00493706/010230-19.

10/31/2022 – 11/11/2022. National University of Life Resources and Environmental Sciences.

"Development of innovative professional competencies in pedagogical activity"; CC00493706/017636-22

PERSONAL SKILLS

Mother language(s) Ukrainian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	Reading
Russian	C2	C2	C2	C2	C2
English	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
General European Reference Structure for Languages

Communication skills Loyal, determined, reliable, friendly.

Organizational/managerial skills A co-contractor of selection and seed-production with linen flax to increase fiber and seed productivity, as well as drought resistance.

Job-related skills Master of the research method

Computer skills Competent in the most widespread Microsoft Word programs

Other skills Electronic microscopy, molecular biology, PCR-diagnostic

ADDITIONAL INFORMATION

## Publications

1. Vyrovets V.H. Perspectives of selection for optimization of fatty acid composition of oil of modern varieties of non-narcotic hemp / [V. H. Vyrovets, I. M. Laiko, I. V. Vereshchahin and others] // Selection and seed production – Kharkiv: Plant Production Institute named after V. Ya. Yuryev, 2011. – Issue, 100. – P. 247 – 254.
2. Vyrovets V.H. The first steps in the selection of non-narcotic hemp for increasing of the oil content / V.H. Verovets, I. V. Vereshchahin // Fibre and technical crops: [collection of scientific papers]. – Issue 2 (7). – Sumy: “Ellada”, 2012. – P. 46–51.
3. Vereshchahin I. V. Peculiarities of connection of oil content in seeds with economic characteristics of hemp plants / I. V. Vereshchahin // Collection of scientific papers Institute of Bioenergetic Crops and Sugar Beet of the National Academy of Agrarian Sciences of Ukraine. – 2012. – Issue. 15. – P. 226 – 229.
4. Vereshchahin I. V. Inheritance of oil content by hybrids F1 from intervarietal crossing / I. V. Vereshchahin , V. H. Vyrovets // Selection and seed production. – Kharkiv: Plant Production Institute named after V. Ya. Yuryev, 2013. – Issue. 103. – P. 101 – 106.
5. Vereshchahin I. V. Hybridization as a method of selection for increasing of the content of oil in hemp seeds / I. V. Vereshchahin, V.H. Verovets // Collection of scientific papers Institute of Bioenergetic Crops and Sugar Beet of the National Academy of Agrarian Sciences of Ukraine. – 2013. – 203 – 206.
6. Vereshchahin V. I. Creation of the original material and specific features of the family and group sampling in selection of hemp on oil content [Electronic Resource] / I.V. Vereshchahin, V.H. Vyrovets // Scientific journal “Scientific reports of NUBiP of Ukraine”. – 2013. – № 7. – p. 35. Access mode to journal: <http://nubip.edu.ua/node/3921/>.
7. Vyrovets V.H. Perspective original material on oil content in selection of non-narcotic hemp / V.H. Vyrovets, I.V. Vereshchahin // Bulletin of Altai State Agricultural University: scientific journal. – 2014. – No. 1 (111). – p. 19 – 23.
8. Bodian R.S. Inheritance of characteristic of the seed productivity by F1 fiber flax hybrids as a result of the intervarietal crossing /Bodian R.S., Vereshchahin I.V. // Bulletin of Sumy National Agricultural University, series “Agronomics and Biology”, - Sumy, - 2016, - Issue 2 (31). – P. 200 – 204.
9. Virovets V. G., Vereshchahin I. V., Onychko V. I., Kandyba N. M. The influence of family group selection on increase of oil content in hemp plants of Hlyana variety. Bulletin of Sumy National Agricultural University, series “Agronomics and Biology”, - Sumy, - 2018, - Issue 3 (35). – P. 206 – 209.
10. Kozhushko N.S., Sakhoshko M.M., Onychko V.I., ButenkoYe.Yu., KandybaN.M., Bashtovyi M.H., Vereshchahin I.V., Klochkova T.I., Zavora Y.A., Smilik D.V. Biochemical tuber composition of promising potato hybrids. Modern Phytomorphology, 2019. 14. P. 58 – 66. (Web of Science)
11. O.Yu. Karpenko, V.M. Rozhko, A.O. Butenko, I.M. Masyk, L.V. Malyuka, I.M. Didur, I.V. Vereshchahin, A.S. Chyryva, S.I. Berdin. Post-harvest siderates impact on the weed littering of Maize Ukrainian Journal of Ecology, 2019, 9 (3), P. 300-303 (Web of Science)
12. Kozhushko, N. S.; Sakhoshko, M. M.; Onychko, V. I.; Butenko, Ye. Yu.; Kandyba, N. M.; Bashtovyi, M. H.; Vereshchahin, I. V.; Klochkova, T. I.; Zavora, Y. A.; Smilik, D. V. Biochemical tuber composition of promising potato hybrids. Modern Phytomorphology, 2020. 14. 20-26. DOI10.5281/zenodo.200107
13. Vereshchahin I. V., Kandyba N. M. Cannabis seeds (*Cannabis Sativa L.*) as a source of irreplaceable food components. Bulletin of Sumy National Agrarian University. The series “Agronomy and Biology”, 2020. 2(40). 3 – 13. DOI: <https://doi.org/10.32845/agrobio.2020.2.1>
14. . Ihor Kovalenko, Vladyslav Kovalenko, Andrii Butenko, Ihor Vereshchahin, Ivan Sobran, Nataliya Kandyba. Rooting and Adaptation of Solanum tuberosum L. under Ex Vitro Conditions after Exposure to Different Sucrose Concentrations in the In Vitro Nutrient Medium. Agricultural Mechanization in Asia. 2021. V. 52(02). 3431–3435. <https://doi.org/10.3390/IECAG2021-09712>
15. Vereshchahin I. V., Kandyba N. M., Stashko M. R., Nedohybenko A. S. Flax seeds (*Linum usitatissimum L.*) as a valuable food resource. 2021. Bulletin of Sumy National Agrarian University. The series “Agronomy and Biology”. 3(45). 18 – 26. DOI <https://doi.org/10.32845/agrobio.2021.3.3>
16. Karbivska, U. M.; Kovalenko, I. M.; Onopriienko, V. P.; Onychko, T. O.; Radchenko, M., V.; Pshychenko, O., I.; Hotvianska, A. S.; Tykhonova, O. M.; Vereshchahin, I. V.; Bordun, R. M.; Tymchuk, D. S. Economic and energy efficiency of growing legume grasses. Modern Phytomorphology. 2022. V. 16. 21–26.
17. Ihor Kovalenko, Ihor Vereshchahin, Yevheniia Butenko, Natalia Kandyba, Viktor Onychko, Olha Bakumenko, Vladyslav Kovalenko, Tetiana Klochkova. Rapid-Analysis of Flax Varieties of the Ukrainian National Collection. Ecological Engineering & Environmental Technology. 2022. V. 23(3). 1–6. <https://doi.org/10.12912/27197050/146384>
18. Vereshchahin I. V., Onychko V. I., Kandyba N. M. Assessment of the condition of flax DNA preparations during long-term storage. Bulletin of Sumy National Agrarian University. The series “Agronomy and Biology”. 2022. 2(48). 31 – 35. DOI <https://doi.org/10.32845/agrobio.2022.2.5>
19. Y. A. Hryhoriv, A. Butenko, L. Kriuchko, O. Tykhonova, V. Toryanik, N. Kravchenko, V. Onopriienko, I. Vereshchahin, R. M. Bordun, R. Kuzmenko, D. Krylov (). The influence of care systems on biometric and yield indicators of oats. Modern Phytomorphology. 2023. 17. 66 – 70. DOI: 10.5281/zenodo.2023-17-200118.
20. Vereshchahin I. V., Kandyba N. M., Sobran I. V., Onychko T. O. Use of RAPD analysis for the study of genetic polymorphism of flax varieties of Ukrainian and foreign selection. Bulletin of Sumy National Agrarian University. The series “Agronomy and Biology”. 2023. 2(52). 20 – 27. DOI <https://doi.org/10.32782/agrobio.2023.2.3>
21. Oleg Kolisnyk, Liudmyla Yakovets, Sergey Amons, Andrii Butenko, Viktor Onychko, Olena Tykhonova, Anna Hotvianska, Natalia Kravchenko, Ihor Vereshchahin, Vitalii Yatsenko. Simulation of High-Product Soy Crops Based on the Application of Foliar Fertilization in the Conditions of the Right Bank of the Forest Steppe of Ukraine. Ecological Engineering & Environmental Technology. 2024. V. 25(7). pp. 234 – 243. <https://doi.org/10.12912/27197050/188638>
22. Kyrlychuk K.S., Bakumenko O.M., Vereshchahin I. V. RAPD-analysis in the system of complex ecological and analytical monitoring of red clover populations of meadow grass phytocoenosis of the Sumy region. . Bulletin of Sumy National Agrarian University. The series “Agronomy and Biology”. 2024. 34 – 41. DOI <https://doi.org/10.32782/agrobio.2024.2.5>
23. Andrii Kysylchuk, Elina Zakharchenko, Svitlana Turchina, Liudmyla Dashutina, Yehor Bolshakov, Svitlana Lemishko, Svitlana Chernykh, Volodymyr Azarov, Serhii Berdin, Ihor Vereshchahin, Roman Tkachenko. Management of cultivation, market analyses, diversification, and changes in herbicide groups of sunflowers in the northeastern region of Ukraine. Modern Phytomorphology. 20205. 19. 178-182. DOI: 10.5281/zenodo.200121 (10.5281/zenodo.2025-19-PDFNo.)

## Publications

1. Vyrovets V.H. hemp oiliness as an important reserve of the economic use of the culture / V.H. Vyrovets, I.M. Laiko, I.V. Vereshchahin // Innovative directions in selection, genetics, technology of cultivation, harvesting, processing and standardization of technical crops: materials of the international scientific and technical conference for young scientists, December 2 - 4, 2008 – Sumy: "SOD", 2009. – P. 24 – 28.
2. Vereshchahin I. V., Selection to increase oil content in seeds of technical crops. Vereshchahin I. V., Vyrovets V.H. // New scientific research in selection, cultivation technology and processing of technical crops: collection of scientific materials of science and practical conference of young scientists, 8 – 10 December 2010 – Symu: "TD Papyrus", 2011. – P. 19 – 36.
3. Vereshchahin I. V., Characteristics of modern varieties of hemp according to fatty acid composition of the oil / Vereshchahin V. I., Vyrovets V. H. // Actual problems of development of technical and medicinal crops: mater., scientific and practical conference of young scientists (Hlukhiv city, 6-8 December, 2011). Symu: "Korpunkt". – 2012. – P. 13 – 17.
4. Vereshchahin I. V. The efficacy of family and group sampling in selection to increase oil content in seeds of Hemp sativa on the example of Glyana variety / Vereshchahin I. V. // Plant genetic resources and selection: materials of Ukrainian scientific and practical conference devoted to 125- anniversary of N. I. Vavilov and the 75th anniversary of the founding of the Department of genetics, selection and seed production of Kharkiv national agrarian University named after V. V. Dokuchaev (29-30 November 2012). – Kharkiv: Kharkiv national agrarian University named after V. V. Dokuchaev – P. 119-122.
5. Vereshchahin I. V. Characteristics of the main gender types of non-narcotic hemp oil / Vereshchahin I. V. // Agricultural production of Polissya: Special issue on materials of conference of young scientists "Scientific achievements of youth – solving the problems of agriculture" 29 –30 May, 2012 Zhitomir: "Ruta". 2012. – P. 99-101.
6. Vereshchahin I.V. The results of selection on increase of oil content in seeds of hemp / Vereshchahin I.V. // Innovative technologies and research directions in the cultivation of flax and hemp: 3 International scientific and practical conference, 12-14 February, 2013, Hlukhiv: materials. - Sumy: Publishing house "Ellada", 2015. – P. 22 – 25.
7. Vereshchahin I.V. Laboratory diagnosis of linen flax on the basis of drought resistance / Vereshchahin I.V. , Yotka A. Y., Volobueva S. M. // Scientific basis for the creation of innovative products in crop production: Materials of the international scientific and practical conference (March 28, 2017) Academy of Agrarian Sciences of Ukraine. – Pleyada, 2017. – P. 10 – 14.
8. Yotka O. Yu., Vereshchahin I. V. The influence of extreme conditions of growing long-stem flax on morphological characteristics of plants. Materials of the International Scientific and Practical Internet Conference, Kherson, February 23, 2018. Institute of Irrigated Agriculture of the NAAS. 2018. P. 53 – 56.
9. Vereshchahin I. V., Kryvosheeva L. M., Kandyba N. M., Dovzhenko O. S. Assessment of long-stem flax samples of different ecological and geographical origin by drought resistance. Materials of the International Scientific and Practical Conference "GONCHAR'S READINGS" dedicated to the 89th anniversary of the birth of Doctor of Agricultural Sciences, Professor Mykola Demyanovich Goncharov (Sumy, May 24-25, 2018) 2018. P. 54 – 56.
10. Vereshchahin I. V., Kandyba N. M., Dovzhenko O. S. Features and prospects of using scanning electron microscopy in cyto-histological studies of flax plants. Materials of the International Scientific and Practical Conference "GONCHARIVSKI CHYTANNYA" (Sumy, May 24-25, 2019) 2019. P. 20 – 22.
11. Vereshchahin I., Kandyba N., Lu Xiao Xiao. Using scanning electronic microscopy in anatomical studies of flax. "Topical issues of the development of modern science": Abstracts of IX International Scientific and Practical Conference, Sofia, Bulgaria, May 6-8, 2020. Sofia. 2020. P. 159-163.
12. Vereshchahin I. V., Ivchenko V. D. Cyto-histological studies of the hypocotyl of long-stem flax plants of the Merylin variety using the scanning electron microscopy method. Proceedings of the International Scientific and Practical Conference "GONCHARIVSKI CHYTANNYA" (Sumy, May 24-25, 2020) 2020. P. 44 – 47.
13. Vereshchahin I.V., Trygubenko V.V. Application of the polymerase chain reaction method in agronomy. Proceedings of the International Scientific and Practical Conference "GONCHARIVSKI CHYTANNYA" (Sumy, May 24-25, 2021) 2021. P. 70 – 72.
14. Vereshchahin I.V., Samobrod, Yu. V., Skafa A.S. Isolation of DNA from long-stem flax plants using the salt method. Materials of the International Scientific and Practical Conference "GONCHAR'S READINGS" (Sumy, May 24-25, 2021) 2021. P. 21 – 23.
15. Pichkobiy V. M., Nedogybchenko A. S., Vereshchahin I. V. Biotechnological methods in flax breeding. "Gonchar's Readings": materials of scientific – practical conference, Sumy, 2023. Sumy: SNAU, 2023.
16. Kozlov S. M., Logvin T. V., Vereshchahin I. V. Modern trends in sunflower breeding for the qualitative composition of oil. "Gonchar's Readings": materials of scientific – practical conference, Sumy, 2023. Sumy: SNAU, 2023.
17. Bondarets R.S., Vereshchahin I.V. Agroecological aspects of the selection of hybrids of classical and high-oleic sunflower in the conditions of Polissya, Ukraine // "Honchariv Readings": materials of scientific and practical conference, Sumy, 2024 Sumy, 2024. P. 19 - 21.
18. Lysenko M. O., Vereshchahin I. V. Modern technologies of sunflower cultivation and their impact on crop yield // "Honchariv Readings": materials of scientific and practical conference, Sumy, 2024 Sumy, 2024. P. 77 - 79.
19. Maslak S. M., Lukash O. O., Vereshchahin I. V. Dependence of soybean yield on the activity of Rhizobium japonicum bacteria // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2024 Sumy, 2024. P. 55 - 57.
20. Yaremchuk M. G., Vereshchahin I. V. Conditions for the formation of winter rapeseed productivity // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2024 Sumy, 2024. P. 100 - 103.
21. Vasylenko S.V., Vereshchahin I.V. The impact of spring frosts on winter rapeseed: biological features, risks and protection strategies // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2025 Sumy, 2025. P. 63 - 65.
22. Kutakh M. O., Vereshchahin I.V. The impact of agrotechnical factors on the productivity of corn hybrids // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2025 Sumy, 2025. P. 70 - 72.
23. Vereshchahin I.V., Nikitenko E.V. The impact of meliorative measures on the yield of winter wheat // Materials of the scientific and practical conference of teachers, postgraduates and students of Sumy NAU (April 14-18, 2025). – Sumy, 2025. P. 98.
24. Vereshchahin I. V., Papalutsa P. P. Peculiarities of potato breeding for yield // Materials of the scientific and practical conference of teachers, postgraduates and students of Sumy NAU (April 14-18, 2025). – Sumy, 2025. P. 99.