

Ivo Mitrushev, MSc

Research assistant

Ss. Cyril and Methodius University, Institute of agriculture - Skopje

Department of field crops

16-ta Makedonska brigada, 3a, 1000 Skopje

Tel: +389 2 3230910

Fax: +389 2 3114283

e-mail: ivo.mitrushev@yahoo.com

Academic qualifications**2019. - M.Sc.**

Goce Delchev University - Shtip, Faculty of agriculture

The correlation between some seed quality properties and growth potential in wheat (*Triticum aestivum* L.)

2013. - B.Sc.

Goce Delchev University - Shtip, Faculty of agriculture

Training and research experience

2023. IV Student Annual Conference "Critical Issues in Agriculture and the Environment". Faculty of Agriculture, Goce Delchev University, Shtip, November.

2023. Agricultural residues as textile and design raw material in the Municipality of Kochani, October, Vinica.

2022. 13th Review of Student Papers. Faculty of Agricultural Sciences and Food, University of St. Cyril and Methodius in Skopje, December.

2022. EIT Food Start-Up Awareness Event. Smart farming - The future of agricultural and rural development, November, Skopje.

2022. EIT Food Start-Up Awareness Event. Smart farming start-up training, November, Ohrid.

2022. Agricultural residues as textile and design raw material in the Municipality of Kochani, October, Kochani.

2022. Training course on mutation breeding and associated biotechnologies for crop improvement, 31.10 - 04.11, Skopje.

2022. FAO TCP/RER/3802: Creating enabling environments for enhanced climate resilience in agriculture in North Macedonia, June, Kochani.

2021. EIT Food Start-Up Awareness Event. Forum for climate change adaptation and start-up opportunities, November, Skopje.

2021. Agricultural species diversity - Missed opportunity or renewed hope. June, Webinar.

Research interest

Crop genetics and breeding

Other research and professional activities

Participation in international symposia

1. XII International symposium of agricultural sciences, AgroReS, Trebinje, 24-26.05.2023 - Assessment of seed viability in long term stored *Oryza sativa* L. accessions after more than a decade.
2. International Symposium of Agriculture and Food (ISAF), Ohrid 12-14.10.2022 - Effect of organic fertilizer Orgalife on some yield and quality properties of rice (*Oryza sativa* L.); Allelopathic potential of some weeds in the rice fields of the Kochani region.
3. III Balkan Agriculture Congress, Agribalkan, Edirne, Turkey, 29.08-01.09.2021 - Effect of Orgalife fertilizer on some quality properties of the seed and growth potential of two rice varieties (*Oryza sativa* L.) cultivated in North Macedonia.

Scientific and applicative projects

2023 - 2024. Monitoring of grain bugs (*Eurygaster spp. and Aelia spp.*) - pests that affect the quality of wheat, in different regions of Macedonia, University Ss. Cyril and Methodius, Institute of agriculture, Skopje, participant.

2023 - 2024. Research of the socioeconomic condition among young people in the rural areas in N. Macedonia, University Ss. Cyril and Methodius, Institute of agriculture, Skopje, participant.

2022 - 2025. Optimizing approaches for weeding control in basic agricultural crops. Agricultural Academy, Pleven, Bulgaria, participant.

2022. EIT Food Start-Up Awareness Event, Smart farming - The future of agricultural and rural development, Skopje, participant.

2022 - 2023. Conducting field and laboratory tests on new foreign varieties of rice (*Oryza sativa* L.) in the conditions of the Kochani Valey, University Ss. Cyril and Methodius, Institute of agriculture, Skopje, participant.

2022 - 2023. Agricultural residues as textile and design raw material in the municipality of Kochani, Kochani, participant.

2021 - 2023. ZFTK 14 14 "Breeding, technology and seed production of forage crops" (Productive potential of species of the genus *Sorghum*). Institute of Forage Crops, Pleven, Bulgaria, participant.

2021. EIT Food Start-Up Awareness Event, Forum for climate change adaptation and Start up opportunities, Skopje, participant.

Scientific publications

[1] Ilieva, V., Markova Ruzdik, N., Balabanova, B., Kovacevik, B., Mitrushev, I., Mineral composition in grain of wheat varieties, *1st Scientific conference Critical environmental issues of the Western Balkan countries (Book of abstracts)*, Faculty of Agriculture, Goce Delčev University - Štip, 29 (2019).

- [2] Mitrushev, I., Ilieva, V., Markova Ruzdik, N., Influence of the seed size and variety on the seedling vigour and germinability in three varieties of soft wheat seed, *Journal of agriculture and plant sciences*, 16, 51-56 (2018).
- [3] Mitrushev, I., Marinov-Serafimov, P., Andreevska, D., Golubinova, I., Andov, D., Glatkova, G., Spaseva, B., Allelopathic potential of some weeds in the rice fields of the Kochani region, *Journal of Agricultural, Food and Environmental Sciences (JAFES)*, 76, 35-44 (2022).
- [4] Mitrushev, I., Spaseva, B., Andreevska, D., Andov, D., Gjosheva-Kovachevikj, M., Glatkova, G., Assessment of seed viability in long-term stored *Oryza sativa* L. accessions after more than a decade, *Agro-knowledge Journal*, 24(4), 207-219 (2023).
- [5] Mitrushev, I., Spaseva, B., Andreevska, D., Andov, D., Simeonovska, E., Effect of organic fertilizer Orgalife on some yield and quality properties of rice (*Oryza sativa* L.), *Journal of Agricultural, Food and Environmental Sciences (JAFES)*, 76, 76-84 (2022).
- [6] Spaseva, B., Mitrushev, I., Andreevska, D., Andov, D., Simeonovska, E., Gjosheva-Kovachevikj, M., Effect of Orgalife fertilizer on some quality properties of the seed and growth potential of two rice varieties (*Oryza sativa* L.) cultivated in North Macedonia, *III Balkan Agriculture Congress (Book of proceedings)*, Edirne, Turkey, 499-510 (2021).
- [7] Митрушев, И., Односот меѓу некои квалитетни својства на семето и потенцијалот за раст кај пченицата (*Triticum aestivum* L.), Магистерски труд, Универзитет „Гоце Делчев“ - Штип, Земјоделски факултет, (2019).