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Academic qualifications**2010. – Ph. D.**

UKIM Faculty of Agricultural Sciences and Food Skopje

Sensitivity of some barley varieties towards some new herbicides depending on growth stages

2003. – M. Sc.

UKIM Faculty of Agriculture Skopje

The sensitivity of some variety of green beans forward some herbicides

1997. – B. Sc.

UKIM Faculty of Agriculture Skopje

Training and research experience**2021.**

"MKS EN ISO/IEC 17025:2018 - General competence requirements of laboratories for testing and calibration" - Institute of Standardization of the Republic of North Macedonia, Skopje

2021.

"Forum for adaptation to climate change and the possibility of start-up businesses in agriculture" within the project "EIT Food Start-Up Awareness Event", UKIM Agricultural Institute - Skopje

2021.

"Quality production of pepper seeds" within the project of the Technical Cooperation of the Food and Agriculture Organization of the United Nations (FAO) "Creation of a suitable environment for improved resistance of agriculture to climate change",

UKIM Agricultural Institute – Skopje

2021.

„Quality production of bean seeds" within the project of the Technical Cooperation of the Food and Agriculture Organization of the United Nations (FAO) "Creation of a suitable environment for improved resistance of agriculture to climate change", UKIM Agricultural Institute - Skopje

2014.

Study visit to Trakya Agricultural Research Institute, Edirne, R. Turkey within the project, "Development of rice production and quality in R. Macedonia" organized and funded by TIKA.

2012.

Weed Management and Control, TEMPUS, Osijek, Faculty of Agriculture, University of J.J. Strossmayer

2011.

Phytosanitary quality of plant propagation material, quarantine, mandatory control, TEMPUS, Skopje, Republic of Macedonia, Faculty of Agricultural Science and Food, University "Ss. Cyril and Methodius"

2005.

Integrated production of fruit crops and citrus, CHIEAM International Center for Advanced Mediterranean Agronomic Studies, Bari, Italy

Research interests

- Weeds biology and ecology
- Integrated weed control
- Organic weed control
- Herbicides and their uses

Teaching

Program Organic and Biodynamic Plant Production Program (2022 – today)

"Plant protection in organic and biodynamic production"

"Legislation in organic production"

Program Plant Production (2012 – 2018)

Subprogram Nursery production

- Diseases, pests and weeds in nursery production
- Integrated weed control in nursery production

Subprogram seed production of field crops and vegetable

- Diseases, pests and weeds control in seed production
- Seed material quality control (2014- 2018)

Subprogram Integrated production

- Integrated diseases, pests and weeds control
 - Field crops production
 - Vegetable production
 - Fruit crops production
 - Grape production

Subprogram Organic production

- Diseases, pests and weeds control in organic production
 - Field crops production
 - Vegetable production
 - Fruit crops production
 - Grape production
- Legislation in organic production

Other professional activities

- authorized person for official biological testing of herbicides
- authorized person for field health inspections of seed crops
- Head of the seed testing laboratory
- Quality manager
- Member of the Commission for drafting and monitoring the implementation of the foreseen measures and achieving the goals of the National Action Plan for Integrated Agriculture at the Ministry of Agriculture, Forestry and Water Management
- Member of the Professional Commission for the confirmation of professional work in the field of the approval of plant protection products at the Ministry of Agriculture, Forestry and Water Management
- Member of working groups for the preparing of rulebooks, strategies, strategic programs, plans, contracts, manuals, instructions, etc. arising from the Plant Protection Products Law and the Plant Health Law.
- External associate person of an insurance company for assessment of damages from weather disasters.
- Member of the presidency of the plant protection society

Scientific and applicative projects

2022-2025 „Optimizing the approach to weed control in main agricultural crops“ - ACADEMY OF AGRICULTURE, IFK – Pleven

2019–2021 „Improved implementation of animal health, food safety and phytosanitary legislation and corresponding information systems“ – EU

2019-2020 „Viability testing of gene bank accessions from different species conserved under long-term conditions“. University of St. Cyril and Methodius - Skopje

2017-2018 „Productive and quality traits of some new rice varieties (*Oryza sativa* L.), registered in the Republic of Macedonia“. University of St. Cyril and Methodius - Skopje

2016-2017 „Characterization of autochthonous varieties of pomegranate in Republic of Macedonia“. University of St. Cyril and Methodius – Skopje

2015-2016 „Biological control of harmful insects of vegetable crops in protected areas“. University of St. Cyril and Methodius - Skopje

2015-2016 „Preparing a Country Programme Strategy (CPS) for the Operational Phase 6 (OP6) 2014-2018 of The GEF“, Global Environment Facility (GEF) Small Grants Programme (SGP) во соработка со United Nations Development Programme (UNDP)

2014-2015 „ Introduction of new foreign rice varieties rice production in the Republic of Macedonia“. University of St. Cyril and Methodius - Skopje

2013-2014 „Development of production and quality of rice in the Republic of Macedonia“. Government of R. Turkey, Turkish Cooperation and Coordination Agency – TIKA

2012-2013 "Seed dressing (Planterbox treatment) with *Trichoderma* sp.: Effect on yield in wheat", Koppert B.V., Rotterdam, Netherlands.

2012-2013 "Seed dressing (Planterbox treatment) with *Trichoderma* sp.: Effect on yield in corn, Koppert B.V., Rotterdam, Netherlands.

2009 „International Join Master Degree in plant medicine (IPM), „TEMPUS IV“

Scientific publications

- [1] Andov, D., Andreevska, D., Simeonovska, E., Sürek, H., Beser, N., Glatkova, G., Bandzo, K., Ibraim, J., Preliminary results of turkish rice varieties under rice growing conditions of Macedonia, *Balkan Agriculture Congress (Book of abstracts)*, Edirne, Turkey, (2014).
- [2] Glatkova, G., Influence of herbicides on number of grain per spike at some barley varieties dependent on the growth stages, *Scientific conference “Challenges in modern agricultural production” (Book of abstracts)*, Skopje, (2014).
- [3] Glatkova, G., Influence of some herbicides on barley spike length dependent on the growth stages, *Scientific conference*

“Challenges in modern agricultural production” (Book of abstracts), (2014).

- [4] Glatkova, G., Influence of some herbicides on barley spike length dependent on the growth stages, *Scientific conference „Challenges in modern agricultural production” (Proceedings)*, Skopje,, 149-153 (2015).
- [5] Glatkova, G., Influence of some herbicides on barley 1000 kernel weight depend on growth stages, *2-nd International Symposium for Agriculture and Food (Proceedings)*, Ohrid, Macedonia, 279-283 (2016).
- [6] Glatkova, G., Influence of herbicides on number of grain per spike at some barley varieties dependent on the growth stages, *Scientific conference „Challenges in modern agricultural production” (Proceedings)*, Skopje,, 154-158 (2016).
- [7] Glatkova, G., Herbicides impact on barley hectoliter weight applied in the different growth stages, *Fragmenta Phytomedica*, **34**, 15-22 (2020).
- [8] Glatkova, G., Pacanoski, Z., Weeds in direct wet-seeded rice in rice production regions in the Republic of North Macedonia, *VIII Congress of Plant Protection (Book of abstracts)*, Zlatibor, Serbia, (2019).
- [9] Glatkova, G., Pacanoski, Z., Evaluating the effects of application modes and soil types on the herbicide efficacy and crop yield of pendimetalin and clomazone of transplanted pepper (*Capsicum annum* L.), *Agronomy research*, **17**, 430-437 (2019).
- [10] Glatkova, G., Surek, H., Andov, D., Andreevska, D., Pacanoski, Z., *Eragrostis pilosa* (L.) P. Beauv. a new invasive and economically important weed in the rice fields in the Kocani region, *Int. J. Innov. Approaches Agric. Res*, **3**, 671-679 (2019).
- [11] Glatkova, G., Zekiri, M., Effects of herbicides on barley seeds germination depend on growth stage, *Journal of Agriculture and Plant Sciences*, **18**, 15-19 (2020).
- [12] Kostov, T., Pacanoski, Z., Glatkova, G., Knezevic, B., Effect of soil applied herbicides jimsonweed (*Datura stramonium*) and maize, *Pakistan journal of weed science research*, **12**, 169-173 (2006).
- [13] Kostov, T., Pacanoski, Z., Glatkova, G., Knezevic, B., Effects of soil applied herbicides and depth of sowing on common cocklebur (*Xanthium strumarium* L.) and maize (*Zea mays* L.) emergence and early growth, *Plant Protection Science*, **43**, 117-121 (2007).
- [14] Marinov- Serafimov, P., Glatkova, G., Selectivity of Herbicide Pledge 50WP (Flumioxazin- 500 g/kg) in soybean (*Glicine max* (L) Merr.), *Journal of Mountain Agriculture on Balkans*, **23**, 98-107 (2020).
- [15] 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*, **76**, 35-44 (2022).
- [16] 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, *XII International symposium of agricultural*

sciences, AgroReS (Book of abstracts), Trebinje, Bosnia and Herzegovina, 97 (2023).

[17] Pacanoski, Z., Glatkova, G., The use of herbicides for weed control in direct wet-seeded rice (*Oryza sativa* L.) in rice production regions in the Republic of Macedonia, *Plant Protection Science*, **45**, 113-118 (2009).

[18] Pacanoski, Z., Glatkova, G., Evaluation of herbicides for weed control in tobacco and their influence on tobacco yield, *Herbologia*, **11**, 39-46 (2010).

[19] Pacanoski, Z., Glatkova, G., Weed control in green beans (*Phaseolus vulgaris* L.) with soil applied herbicides, *Herbologia*, **14**, 53-62 (2014).

[20] Pacanoski, Z., Glatkova, G., Arsov, Z., Herbicide influence on weeds and tobacco seedlings depending the cover material and treatment, *Herbologia*, **7**, 41-48 (2006).

[21] Simeonovska, E., Andreevska, D., Andov, D., Glatkova, G., Dimitrovski, T., Genotype and location interaction for yield and morphological traits in rice in (*Oryza sativa* L.), *Contributions; Section of Natural, Mathematics and Biotechnical Sciences, MASA*, **40**, 197-205 (2019).

[22] Глаткова, Г., Фитотоксично делување на некои хербициди врз некои сорти боранија, *Годишен зборник на Земјоделски институт - Скопје*, **XXII/XXIII**, 93-102 (2004).

[23] Глаткова, Г., Ефикасност на некои хербициди во сузбивањето на плевелите во боранија, *Годишен зборник на Земјоделскиот институт - Скопје*, **XXII/XXIII**, 102-116 (2004).

[24] Глаткова, Г., Ефикасност на хербицидот Gamit 4EC во пипер со расадување во зависност од начинот на употреба и типот на почва, *Јубилеен годишен зборник на Земјоделскиот институт - Скопје*, **XXVI/XXVII**, 185-195 (2009).

[25] Глаткова, Г., Влијание на хербицидите врз бројот на класови јачмен на единица површина во зависност од фазите на пораст, *Годишен зборник на заштита на растенија*, **XXIII**, 99-105 (2012).

[26] Глаткова, Г., Влијание на хербицидите врз приносот на јачменот во зависност од фазите на пораст, *Годишен зборник на заштита на растенија*, **XXIII**, 93-98 (2012).

[27] Глаткова, Г., Андов, Д., Андреевска, Д., Најзастапени плевели во оризот во кочанско и мерки за нивно сузбивање, *Годишен зборник на Земјоделскиот институт - Скопје*, **XXVIII/XXIX**, 50-60 (2012).

[28] Глаткова, Г., Арсов, З., Пацаноски, З., Влијание на хербицидите врз плевелите и тутунот во зависност од покривката и начинот на примена, *Годишен зборник за заштита на растенијата*, **XV**, 119-130 (2004).

[29] Глаткова, Г., Костадиновски, М., Пацаноски, З., Андов, Д., Андреевска, Д., *Eragrostis pilosa* (L.) P. Beauv - Нов стопански значаен плевел во оризовите полиња во Кочанско

XXXVII-то традиционално советување за заштита на растенијата на Република Македонија, (2012).

- [30] Костов, Т., Пацаноски, З., Трајковски, Т., Глаткова, Г., Резултати од испитувањата на некои нови хербициди во пченка, *Годишен зборник за заштита на растенијата*, **XV**, , 131-140 (2004).
- [31] Младеновски, Т., Стојановска, В. Л., Глаткова, Г., Мартиноска, Н., *Национална лабораторија за испитување на семето (елаборат)*, Земјоделски институт - Скопје, (2006).
- [32] Младеновски, Т., Михајловски, М., Стојановска, В., Л., Глаткова, Г., Застапеност на плевелните семиња и квалитет на доработен семенски материјал од луцерка, *Годишен зборник за заштита на растенијата*, **XVII**, 166-173 (2006).