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Education and Training

Institution	Area	Degree	Year Awarded
University of Nebraska-Lincoln	Agronomy and Horticulture	Ph.D.	2023
University of Nebraska-Lincoln	Agronomy and Horticulture	M.S.	2020
University of Belgrade	Plant Protection	M.S.	2017
University of Belgrade	Agriculture Engineer	B.S.	2016

Professional Experience

Years	Position
2024-present	Assistant Professor, University of Nebraska-Lincoln, Department of Agronomy and Horticulture, Lincoln, NE
2017-2023	Graduate Research Assistant, University of Nebraska-Lincoln, Department of Agronomy and Horticulture, Pesticide Application Technology Lab, North Platte, NE
2015	Research Scholar, University of Nebraska-Lincoln, Department of Agronomy and Horticulture, Pesticide Application Technology Lab, North Platte, NE

Synergistic Activities

- Weed Contest Preparation (AGRO Ind. Study 496/896) and Invasive Plants (AGRO 426/826) (invited speaker); Spring 2020, 2022, 2023, and 2024 (Average 54 students/year).
- Plants, Landscapes & the Environment (AGRO/HORT/TLMP 100 Section 700); 2021-2022 (190 students).
- Weed Contest Preparation (AGRO Ind. Study 496/896); Spring 2021.
 Helped to redesign and structure Weed Contest Preparation class that transitioned from one to two credit hours for undergraduate and graduate students that included covering topics over 15 weeks on (1) Weed Identification, (2) Unknown Herbicide Identification, (3) Application Technology, (4) Sprayer Calibration; (5) Problem Solving and Recommendation.

Selected Extension Talks (Refereed; 5 more prior to 2018; ~450 people)

- **2023 to 2025** Crop Production Clinics. Pesticide Application Technology (Decision-making and Calibration of Pesticide Delivering Equipment (~850 participants). Western, Central, and Eastern Nebraska.
- **2022 - 2025** Custom Applicators Trainings (~400 participants). Hastings, Nebraska.
- **2022** Crop Production Clinics. The Complexity of Pesticide Application Technology (~300 participants). Western, Central, and Eastern Nebraska.
- **2021** Nebraska Hops Growers Annual Meeting. Precision Pesticide Application in Hops.
- **2021** Crop Production Clinics. Why does proper spray cleanout matter? Western, Central, and Eastern Nebraska (Virtual Meeting).
- **2018 - 2021** Wilbur Ellis –Pesticide Applicator Training (> 700 participants).

Publications

- Brankov, M., Piskackova, T., Rajković, M., Vukadinović, J., & **Zarić, M.**, 2025. From non-cultivated areas to the field: a case of cut-leaved gipsywort (*Lycopus exaltatus* L.) and its response to herbicides in Balkan major crops. Weed Technology, Accepted for Publication.
- Rilaković, A., da Silva Santana, A., **Zaric, M.**, Manthena, V., Golus, J.A., Kruger, G.R., Vélez, A.M., & Peterson, J.A., 2025. Comparing simulated aerial and chemigation insecticide applications to manage western bean cutworm (Lepidoptera: Noctuidae) in corn. Journal of Economic Entomology, toae306. <https://doi.org/10.1093/jee/toae306>
- Brankov, M., Simic, M.S., Vukadinovic, J., **Zaric, M.**, Tataridas, A., Bozinovic, S., & Dragicevic, V., 2024. Could adjuvants serve as an agroecological tool? Frontiers in Agronomy, 6, p.1523208. <https://doi.org/10.3389/fagro.2024.1523208>
- **Zaric, M.**, Canella Vieira, B., Houston, B., Guilherme Sousa Alves, Wortman, S.E., Peterson, J., & Kruger, G.R., 2024. Industrial hemp biomass is negatively affected by herbicide drift from corn and soybean herbicides. Scientific Reports, 14(1), p.28148. <https://doi.org/10.1038/s41598-024-78209-5>
- Brankov, Milan, Milena Simić, Theresa Piskackova, Miloš Zarić, Miloš Rajković, Natalija Pavlović, and Vesna Dragičević. “A Post-Emergence Herbicide Program for Weedy Sunflower (*Helianthus Annuus* L.) Control in Maize.” *Phytoparasitica* 52, no. 1 (2024): 12. <https://doi.org/10.1007/s12600-024-01126-w>.
- **Zaric Milos**, Mandeep Singh, Andrea Rilakovic. “Herbicides Labeled for Hops in Nebraska.” CropWatch. Extension Publication (2024). Available at: <https://cropwatch.unl.edu/2024/herbicides-labeled-hops-nebraska>
- Andrea Rilakovic, Ruby Collins, **Milos Zaric**, Julie Peterson. “Arthropod Abundance in Industrial Hemp in West-central Nebraska.” CropWatch. Extension Publication (2024). Available at: <https://cropwatch.unl.edu/2024/arthropod-abundance-industrial-hemp-west-central-nebraska>
- **Zaric Milos**, Randy Lloyd, Stevan Knezevic, Amith Jhala. “Updates on Dicamba Products (Engenia, Tavium and XtendiMax) Applied in Dicamba-tolerant Soybean in Nebraska.” CropWatch. Extension Publication (2024). Available at: <https://cropwatch.unl.edu/2024/dicamba-removing-tool-toolbox>
- Klein Robert Cody Creech, **Milos Zaric**. “Drought and Poor Stands Will Make Weed Control in Wheat Stubble Difficult This Year.” CropWatch. Extension Publication (2023). Available at: <https://cropwatch.unl.edu/2022/weed-control-wheat-stubble-difficult-this-year>
- Brankov, Milan, Guilherme Sousa Alves, Bruno Canella Vieira, Milos Zaric, and Greg Robert Kruger. “Particle Drift Potential of Mesotrione and Rimsulfuron plus Thifensulfuron-Methyl Tank Mixture in a Low-Speed Wind Tunnel.” *Plant Protection Science* 59, no. 3 (September 20, 2023): 284–91. <https://doi.org/10.17221/39/2023-PPS>.
- Brankov Milan, Bruno Canella Vieira, Guilherme Sousa Alves, **Milos Zaric**, Barbara Vukoja, Trenton Houston, Greg R. Kruger. “Adjuvant and nozzle effects on weed control using mesotrione and rimsulfuron plus thifensulfuron-methyl.” *Crop Protection* (2023), Volume 167, 106 - 209, <https://doi.org/10.1016/j.cropro.2023.106209>.
- Brankov Milan, Guilherme Sousa Alves, Bruno Canella Vieira, **Milos Zaric**, Barbara Vukoja, Trenton Houston, Greg R. Kruger. “Particle Drift Simulation of Mesotrione and Rimsulfuron Plus Thifensulfuron-methyl Mixture to Field and Vegetable Crops.” *Environ Sci Pollut Res* 30 (2023), 38226–38238. <https://doi.org/10.1007/s11356-022-24938-x>.
- Canella Vieira, B., Guilherme Sousa Alves, Barbara Vukoja, Vinicius Velho, **Milos Zaric**, Trenton W Houston, Bradley K Fritz, and Greg R Kruger. “Spray Drift Potential of Dicamba plus S-Metolachlor Formulations.” *Pest Management Science* (2021). <https://doi.org/10.1002/ps.6772>.
- Alves, Guilherme Sousa, Greg R. Kruger, João Paulo A. R. da Cunha, Denise G. de Santana, Luís André T. Pinto, Frederico Guimarães, and **Milos Zaric**. “Dicamba Spray Drift as Influenced by Wind Speed and Nozzle Type.” *Weed Technology* 31, no. 5 (2017): 724–31. <https://doi.org/10.1017/wet.2017.61>.