

PUBLICATION LIST

Category M20

1. Kostić M., **Rajković M.**, Ljubičić N., Ivošević B., Radulović M., Blagojević D., Dedović N. (2021): Georeferenced tractor wheel slip data for prediction of spatial variability in soil physical properties. *Precision Agriculture*, 22(2). <https://doi.org/10.1007/s11119-021-09805-y> (M21a)
2. **Rajković M.**, Malidža G., Stepanović S., Kostić M., Petrović K., Urošević M., Vrbničanin S. (2020): Influence of Burner Position on Temperature Distribution in Soybean Flaming. *Agronomy*, 10(3), 391; <https://doi.org/10.3390/agronomy10030391> (M21)
3. Meseldžija M., **Rajković M.**, Dudić M., Vranešević M., Bezdán A., Jurišić A., Ljevnaić-Mašić B. (2020): Economic Feasibility of Chemical Weed Control in Soybean Production in Serbia. *Agronomy*, 10(2), 291. <https://doi.org/10.3390/agronomy10020291> (M21)
4. Meseldžija M., Lazić S., Dudić M., Šunjka D., **Rajković M.**, Marković T., Vukotić J., Ljevnaić-Mašić B., Jurišić A., Ivanović I. (2020): Is there a possibility to involve the hormesis effect on the soybean with glyphosate sub-lethal amounts used to control weed species *Amaranthus retroflexus* L.? *Agronomy* 10(6), 850. <https://doi.org/10.3390/agronomy10060850> (M21)
5. Brankov M., Simić M., Dolijanović Ž., **Rajković M.**, Mandić V., Dragičević V. (2020): The Response of Maize Lines to Foliar Fertilizing. *Agriculture* 2020, 10(9), 365; <https://doi.org/10.3390/agriculture10090365> (M21)
6. **Rajković M.**, Malidža G., Tomaš Šimin M., Milić D., Glavaš-Trbić D., Meseldžija M., Vrbničanin S. (2021): Sustainable Organic Corn Production with the Use of Flame Weeding as the Most Sustainable Economical Solution. *Sustainability* 2021, 13(2), 572; <https://doi.org/10.3390/su13020572> (M22)
7. Sarić-Krsmanović M., Gajić Umiljendić J., Radivojević Lj., **Rajković M.**, Šantrić Lj., Đurović-Pejčev R. (2019): Chemical Composition of *Ambrosia trifida* Essential Oil and Phytotoxic Effect on Other Plants. *Chemistry & biodiversity* <http://dx.doi.org/10.1002/cbdv.201900508> (M22)
8. Dudić M., Meseldžija M., Ljevnaić-Mašić B., **Rajković M.**, Marković T., Begović R., Jurišić A., Ivanović I. (2020): Weed composition and control in apple orchards under intensive and extensive floor management. *Chilean Journal of Agricultural Research*, 80 (4): 546-560. <https://ojs.chileanjar.cl/files/V80i4Y2020id4743.pdf> (M22)
9. Grahovac N., Stojanović Z., Kravić S., Orčić D., Suturović Z., Kondić-Špika A., Vasin J., Šunjka D., Jakšić S., **Rajković M.**, Grahovac N. (2017): Determination of residues of sulfonylurea herbicides in soil by using microwave-assisted extraction and high performance liquid chromatographic method. *Chemical Industry*, 71 (4): 289-298. <https://doi.org/10.2298/HEMIND160224039G> (M23)
10. Malencić Dj., Cvejic Jelena, Tepavcevic Vesna, Bursac Mira, Kiproviski Biljana, **Rajkovic M.** (2013): Changes in L-phenylalanine ammonia-lyase activity and isoflavone phytoalexins accumulation in soybean seedlings infected with *Sclerotinia sclerotiorum*, *Central European Journal of Biology*, Volume 8, Issue 9, pp 921-929. <https://doi.org/10.2478/s11535-013-0201-1> (M23)
11. Mitrovic B., Stanisavljevic D., Treskic Sanja, Stojakovic M., Ivanovic M., Bekavac G., **Rajkovic M.** (2012): Evaluation of Experimental Maize Hybrids Tested in Multi-Location Trials Using Ammi and GGE Biplot Analyses, *Turkish Journal of Field Crops*, 17(1):35-40. (M23)
12. Malenčić Đ., Malidža G., Rajković M., Kiproviski B., Đurić S., Petrović K., Krstić J. (2020): Flame-weeding: impact on soybean plants and soil microorganisms. *Matica Srpska Journal for Natural Sciences*, (139), 51-60. http://www.maticasrpska.org.rs/stariSajt/casopisi/ZMSPN_139.pdf (M24)

Category M50

1. Malenčić Đ., Kiproviski B., **Rajković M.**, Miladinović J., Kljakić S., Šučur J. (2019): Changes in polyphenols content in soybean (*Glycine max* L.) and thornapple (*Datura stramonium* L.) after treatment with the herbicides and Delfan Plus. *Annals of Agronomy*, 43(1): 26–37. (M51)
2. Miroslavljević M., Čanak P., Ćirić M., Nastasić Aleksandra, Đukić Dragana, **Rajković M.** (2013): Maize Germination Parameters and Early Seedlings Growth Under Different Levels of Salt Stress, *Journal of field and vegetable crops research*, 50(1): 49-53. <https://doi.org/10.5937/ratpov50-3042> (M51)
3. Turan J., Višacki V., Burg P., Findura P., Sedlar A., **Rajkovic M.**, Zach M. (2017): Development of a Soybean Sowing Model Under Laboratory Conditions. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 65(3): 957-962. <https://doi.org/10.11118/actaun201765030957> (M51)
4. **Rajković M.**, Malidža G., Gvozdenović Đ., Vasić Mirjana, Gvozdanović-Varga Jelica (2011): Susceptibility of bean and pepper to flame weeding. *Acta herbologica*, 20 (2): 67-76. (M52)
5. Marjanović Jeromela A., Milovac Ž., Dimitrijević A., Stojanović D., Rajković D., **Rajković M.**, Miladinović D., Miklič, V. (2018): Cultivation and use value of rapeseed hybrids tolerant to imidazolinone herbicides. *Acta herbologica* 27 (1) 65-72. (M52)
6. Malidža G., **Rajković M.** (2011): Efficacy of New Herbicides for Johnsongrass Control in Maize. *Acta herbologica*, 20 (2): 111-120. (M52)

Category M30

1. **Rajković M.**, Malidža G., Petrović K., Vrbničanin S. (2019): Economical aspects of non-chemical weed control in organic maize and soybean production. VIII Congress on Plant Protection, 25-29. November 2019., Zlatibor, Book of Abstracts, 106-107. (M34)
2. Vrbničanin, S., Malidža, G., Božić, D., Pavlović, D., Konstantinović, B., Jovanović-Radovanov, K., Samardžić, N., **Rajković, M.** (2019): Experiences with weed resistance to herbicides in Serbia. 69-70. 8th International Symposium on Agricultural Sciences and 24th Conference of Agricultural Engineers of Republic of Srpska, Trebinje, AgroReS 16-18 May 2019, Bosnia and Herzegovina, Book of Abstracts, 69-70. (M34)
3. Malidža G., **Rajković M.**, Jocić S. (2019): The response of different herbicide-tolerant sunflower hybrids to selected post-emergence applied ALS-inhibitors. Joint Workshop of the EWRS working Groups: "Optimizing herbicide use in an IWM context" and "Herbicide

Tolerant varieties" "Sustainable Integrated Weed Management and Herbicide Tolerant Varieties" July 4-6., 2019, Thessaloniki, Greece, Abstracts Booklet 5. **(M34)**

4. Malidža G., Jocić S., Bekavac G., **Rajković M.**, Miklič V. (2019): Challenges and fifteen years of experience in the cultivation of herbicide-tolerant crops in Serbia. Joint Workshop of the EWRS working Groups: "Optimizing herbicide use in an IWM context" and "Herbicide Tolerant varieties" "Sustainable Integrated Weed Management and Herbicide Tolerant Varieties" July 4-6th, 2019, Thessaloniki, Greece, Abstracts Booklet 6. **(M34)**
5. Malidža G., **Rajković M.** (2019): Distribution and Management of herbicide-resistant *Amaranthus retroflexus* and *Sorghum halepense* in Serbia. 14th Slovenian Conference on plant protection with international participation, 5-6. March 2019, Maribor, Slovenia, Abstracts volume, 9-10. **(M34)**
6. Malidža G., **Rajković M.** (2018): First case of multiple resistance of Johnsongrass (*Sorghum halepense* (L.) Pers.) to ALS- and ACCase-inhibiting herbicides in Serbia. Herbicide Resistance Working Group Workshop, 29-30. November 2018, Antalya, Turkey, Abstracts Booklet, 32. **(M34)**

Category M60

1. Rajković M., Malidža G., Vrbičanin S. (2021): Fizičke mere suzbijanje korova u kukuruzu i soji. XVI Savetovanje o zaštiti bilja, 22-25.02.2021. godine, Zlatibor, Zbornik rezimea radova, 12-13 **(M62)**
2. Vasić M., Malidža G, Rajković M. (2019): Prinos pasulja u združenoj setvi sa kukuruzom tolerantnim na cikloksidim. XXIV Savetovanje o biotehnologiji sa međunarodnim učešćem, Čačak, 15-16 mart 2019. Zbornik radova, 141-148. **(M63)**
3. Malidža G., Rajković M. (2018): Rezistentnost korova na herbicide u Republici Srbiji sa predlogom mera za upravljanje rezistentnošću. Rezistentni korovi i tolerantni usevi na herbicide: stanje i perspektive, 2. novembar 2018. Novi Sad, Zbornik radova, 21-35. **(M63)**
4. Rajković M., Malidža G., Jocić S., Cvejić S. (2021): Reakcija hibrida suncokreta tolerantnijih na imidazolinone i tribenuron-metil prema ALS inhibitorima koji se primenjuju u drugim usevima. XVI Savetovanje o zaštiti bilja, 22-25.02.2021. godine, Zlatibor, Zbornik rezimea radova, 34-35. **(M64)**
5. Malidža G., Rajković M., Krstić J. (2021): Ukrštena rezistentnost ambrozije pelenaste (*Ambrosia artemisifolia* L.) na herbicide ALS inhibitore u Srbiji. XVI Savetovanje o zaštiti bilja, 22-25.02.2021. godine, Zlatibor, Zbornik rezimea radova, 11-12. **(M64)**
6. Krstić J., Malidža G., Rajković M. (2021): Prednosti zajedničke primene tembotriona i terbutilazina posle nicanja kukuruza. XVI Savetovanje o zaštiti bilja, 22-25.02.2021. godine, Zlatibor, Zbornik rezimea radova, 14-15. **(M64)**
7. Rajković M., Malidža G., Vrbičanin S. (2018): Efikasnost i selektivnost fizičkih mera za suzbijanje korova u soji. XV Savetovanje o zaštiti bilja, 26-30. novembar 2018. godine, Zlatibor, Zbornik rezimea radova, 27-28. **(M64)**

Category M70

1. Rajković, M. (2018): Suzbijanje korova primenom plamena u usevima kukuruza i soje. Doktorska disertacija, Poljoprivredni fakultet, Univerzitet u Beogradu. **(M71)**

Category M80

1. Malidža G., Vasić M., Rajković M., Bekavac G., Gvozdanović-Varga J., Savić A. i Franeta F. (2019): Suzbijanje korova u proizvodnji združenih useva pasulja i kukuruza tolerantnog na cikloksidim. "Stvaranje sorata i hibrida povrća za gajenje na otvorenom polju i zaštićenom prostoru" projekat TR31030, kategorizuje se u skladu sa mišljenjem Matičnog naučnog odbora za biotehnologiju i poljoprivredu Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije sa 39. sednice održane 30.7.2020. godine. **(M82)**