

Dr Rajko Bugarin, docent
Uža naučna oblast: Poljoprivredna tehnika
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Obrazovanje

- **Dipl. inž. (1982)** - Poljoprivredni fakultet u Novom Sadu,
- **Magistar nauka (1994)** - Poljoprivredni fakultet u Novom Sadu, Magistarska teza: „Kvalitet tretiranja traktorskim prskalicama i avionima u zaštiti suncokreta od bolesti“
- **Doktor nauka (2004)** - Poljoprivredni fakultet u Novom Sadu, Doktorska disertacija: “Kvalitet zaštite zasada jabuka u zavisnosti od norme tretiranja ”

Odabrane publikacije (do 5, bez kategorizacije)

1. Turan J, Findura P, Đalović I, Sedlar A, **Bugarin R**, Janić R. 2011. Influence of moisture content on the angle of repose of nitrogen fertilizer, International Agriphysics 25(2): 201-204.
2. **Bugarin R**, Sedlar A, Đukić N. 2009. Drift losses during spraying and measures for reduction, Contemporary Agricultural Engineering No 1-2 : 118 - 126. Novi Sad,
3. **Bugarin R**, Đukić N. Sedlar A. 2010. . Influence of pesticide application technique on soil pollution, Contemporary Agricultural Engineering No 2 : 107-116, Novi Sad,
4. A. Sedlar, **R. Bugarin**, 2012. Quality of apricot orchard protection based on the type of air assisted sprayers and application rates; International Conference of Agricultural Engineering (CIGR-AgEng 2012), Valencia – Spain, session 254, C-2334.
5. Sedlar A, **Bugarin R**, Turan J. 2012. Influence of selective pesticide application on ground drift in orchard Mendeleitch international 2012. ISBN 978-80-7375-625-3, Brno Check Republic.

Odabrani projekti (do 5, precizirati: učesnik, lokalni koordinator, koordinator, rukovodilac)

1. Projekat od posebnog značaja za republiku Srbiju TR.7030: „Razvoj metoda i uređaja za atestiranje i kontrolu mašina za zaštitu bilja“ (2005-2007) . (učesnik)
2. Project: HU-SRB/090/2.2/045-SHAPE: Hungary-Serbia IPA Cross-border Co-operation Programme: „Serbian-Hungarian Co-operation on Agrochemistry and pest-control Education (SHAPE)“ (2010-2011). (učesnik)
3. Projekat TR – 31046: „Unapređenje kvaliteta traktora i mobilnih sistema u cilju povećanja konkurentnosti, očuvanja zemljišta i životne sredine“ (2011-2015). (učesnik)
4. Projekat TR – 31025: „Razvoj novih sorti i poboljšanje tehnologije proizvodnje uljanih biljnih vrsta za različite namene“ (2011-2015). (učesnik)

Akadske aktivnosti

- **Nastava** iz uže naučne oblasti poljoprivredna tehnika na osnovnim akademskim, master i doktorskim studijama (bez navođenja predmeta)
- **Mentor** većeg broja diplomskih radova. Učesnik je u komisijama za odbranu na svim nivoima studija. (nabrojati samo odbranjene radove)

Članstvo u udruženjima (do 5)

- Nacionalna naučno društvo za poljoprivrednu tehniku (NNDPT)
- Vojvođansko društvo za poljoprivrednu tehniku (VDPT)

Ostale aktivnosti (do 5)

- Urednik oblasti Mašine u zaštiti bilja nacionalnog časopisa „*Biljni lekar*“
- više predavanja na skupovima sa međunarodnim učešćem
- Služi se engleskim i ruskim jezikom

Rajko Bugarin, Ph.D. (Assistant Professor)

Field of research: Agricultural Engineering

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Academic qualifications

- **B.Sc.** (1982) - University of Novi Sad, Faculty of Agriculture
- **M.Sc.** (1994) - University of Novi Sad, Faculty of Agriculture
- **Ph.D.** (2004) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Turan J, Findura P, Đalović I, Sedlar A, **Bugarin R**, Janić R. 2011. Influence of moisture content on the angle of repose of nitrogen fertilizer, *International Agronomy* 25(2): 201-204.
2. **Bugarin R**, Sedlar A, Đukić N. 2009. Drift losses during spraying and measures for reduction, *Contemporary Agricultural Engineering* No 1-2 : 118 - 126. Novi Sad,
3. **Bugarin R**, Đukić N. Sedlar A. 2010. . Influence of pesticide application technique on soil pollution, *Contemporary Agricultural Engineering* No 2 : 107-116, Novi Sad,
4. **A. Sedlar, R. Bugarin**, 2012. Quality of apricot orchard protection based on the type of air assisted sprayers and application rates; *International Conference of Agricultural Engineering (CIGR-AgEng 2012)*, Valencia – Spain, session 254, C-2334.
5. **Sedlar A, Bugarin R**, Turan J. 2012. Influence of selective pesticide application on ground drift in orchard *Mendeletch international 2012*. ISBN 978-80-7375-625-3, Brno Czech Republic.

Selected projects

1. Project – very important for R. Serbia TR.7030: „Development of methods and equipment for sprayers inspections“ (2005-2007) . (member)
2. Project: HU-SRB/090/2.2/045-SHAPE: Hungary-Serbia IPA Cross-border Co-operation Programme: „Serbian-Hungarian Co-operation on Agrochemistry and pest-control Education (SHAPE)“ (2010-2011). (member)
3. Project TR – 31046: „Improvement of tractors and mobile system quality in aim of environment protecting“ (2011-2015). (member)
4. Project TR – 31025: „Development of new sorts and technology in oilseed rape production“ (2011-2015). (member)

Academic activities

- Teaching at undergraduate, postgraduate and Ph.D. studies (Machines in fruit and grape production, Machines for plant protection)
- Supervisor of several B.Sc. thesis, member in numerous committees

Memberships

- Serbian Society of Agricultural Engineering
- Vojvodinian Society of Agricultural Engineering

Other activities

- Consulting Editor of section “Plant Protection Machinery“ in Journal: “Plant Doctor”
- Few keynote lectures at European meetings
- Language skills: English and Russian.