

XII International Symposium on forage crops of Republic of Serbia
“Forage crops basis of the sustainable animal husbandry development“

DETAILED PROGRAM

Tuesday / Utorak, 25.05.2010

18⁰⁰-21⁰⁰ Registration / Registracija (**Hall of Kruševac Theatre** / Hol Kruševačkog pozorišta)

Wednesday / Sreda, 26.05.2010

8⁰⁰-9⁰⁰ Registration / Registracija (**Hall of Kruševac Theatre** / Hol Kruševačkog pozorišta)

9⁰⁰ -10⁰⁰ Opening and welcome talks / Otvaranje i pozdravni govori

10-10³⁰ Cocktail / Koktel

10³⁰-12¹⁰ Invited plenary papers / Plenarna predavanja, (**Main conference auditorium** / Velika sala); **Chairpersons** / Predsedništvo: *Zoran Lugić, Milan Petrović, Dragi Lazarević, Pero Erić, Vojislav Mihajlović*

10³⁰-11¹⁰ Grassland and forage crops in Europe: context and stakes. Consequences for breeding - *Christian Huyghe* – **France**

11¹⁰-11³⁵ The state of forage crops production in Serbia - *Zoran Lugić, Dragi Lazarević, Pero Erić, Vojislav Mihajlović, Savo Vučković* - **Serbia**

11³⁵-12⁰⁰ Present situation in livestock production in Republic of Serbia *Stevica Aleksić, Milan M. Petrović, Miroslav Žujović* - **Serbia**

12⁰⁰-12²⁰ Coffee break / Kafe pauza; **Posters viewing** / Razgledanje postera

12²⁰-19⁰⁰ Session I: Genetics and breeding of forage crops / Sekcija I: Genetika i oplemenjivanje krmnog bilja (**Main conference auditorium** / Velika sala)

12²⁰-14¹⁰ Invited papers / Radovi po pozivu; **Session I** / Sekcija I; **Chairpersons** / Predsedništvo: *Zorica Tomić, Zoran Lugić, Sanja Vasiljević*

12²⁰-12⁵⁰ Alternative breeding strategies to exploit heterosis in forage crops - *Ulrich Posselt* – **Germany**

12⁵⁰-13¹⁰ Breeding of perennial forage legumes in Serbia, results and future directions – *Jasmina Radović, Slobodan Katić, Zoran Lugić, Sanja Vasiljević* - **Serbia**

13¹⁰-13³⁰ Novel directions of breeding annual feed legumes in Serbia – *Vojislav Mihajlović, Aleksandar Mikić* - **Serbia**

13³⁰-13⁵⁰ Perennial forage grasses breeding in Serbia: achievements, limits and prospects - *Dejan Sokolović, Zorica Tomić, Snežana Babić* - **Serbia**

13⁵⁰-14¹⁰ Genetic resources in Serbia, main aspect on forages - *Zorica Tomić, Dejan Sokolović, Jasmina Radović, Zoran Lugić* - **Serbia**

14¹⁰-15³⁰ Lunch / Ručak

15³⁰-17⁴⁵ Offered papers / Originalni naučni radovi; Session I / Sekcija I; (Main conference auditorium / Velika sala)

Chairpersons / Predsedništvo: *Slobodan Katić, Đorđe Gatarić, Jasmina Radović, Dejan Sokolović*

15³⁰-15⁴⁵ Genetic resources of forage legumes and grasses in Republic of Srpska - *Đorđe Gatarić, Z. Kovačević, B. Đurić, V. Radić, Ž. Lakić* - **Republic of Srpska, Bosnia and Herzegovina**

15⁴⁵-16⁰⁰ Diallel analysis of the inheritance of dry matter quality traits in alfalfa (*Medicago sativa* L.) – *Dragan Milić, S. Katić, V. Mihailović, A. Mikić, Đ. Karagić, S. Vasiljević* - **Serbia**

16⁰⁰-16¹⁵ Vetches (*Vicia spp.*) adoption and utilization in Australia - *Rade Matic, S. Nagel, G. Kirby, B. Robertson, A. Mikic, V. Mihailovic* - **Australija**

16¹⁵-16³⁰ Dependence of alfalfa yield on dense and spaced planting - *Slobodan Katić, D. Milić, V. Mihailović, Đ. Karagić, S. Vasiljević* - **Serbia**

16³⁰-16⁴⁵ Agronomic traits of red clover genotypes (*Trifolium pratense* L.) - *Željko Lakić, S. Vojin* – **Republic of Srpska, Bosnia and Herzegovina**

16⁴⁵-17⁰⁰ Breeding of sorghum-sudangrass hybrids for green mass productivity - *Tzvetan Kikindonov, K. Slanev* - **Bulgaria**

17⁰⁰-17¹⁵ The impact of isolate *Colletotrichum trifolii* on resistance in different red clover cultivars - *Tanja Vasić, Z. Lugić, S. Anđelković, R. Štrbanović, J. Marković, S. Gajić, B. Anđelković* - **Serbia**

17¹⁵-17³⁰ Application of biological markers in perennial forage legumes breeding - *Sanja Vasiljević, Gordana Šurlan-Momirović, Z. Nikolić, S. Katić, I. Čalić, G. Branković, D. Milić* – **Serbia**

17³⁰-17⁴⁵ First attempts of growing forage soybean in Serbia – *Tomas Devine, A. Mikić, V. Đorđević, V. Perić, V. Mihailović, M. Srebrić, B. Čupina, Đ. Krstić* – **USA**

17⁴⁵-18¹⁵ Poster session I / Poster sekcija I (Main conference auditorium / Velika sala)

Moderators / Moderatori: *Dejan Sokolović, Aleksandar Mikić*

18¹⁵-20⁰⁰ Guided tour to old city Krusevac - Lazar complex / Poseta kompleksu Lazarev grad

20⁰⁰-21³⁰ Welcome reception at the town hall / Koktel dobrodošlice u zgradi Uprave grada

Thursday / Četvrtak, 27. 05. 2010

8³⁰ – 10⁵⁰ Invited papers / Radovi po pozivu; Session II Seed production of forage crops and Session IV Grasslands / Sekcija II Semenarstvo krmnog bilja i Sekcija IV Travnjaci (Main conference auditorium / Velika sala)

Chairpersons / Predsedništvo: Zora Dajić Stevanović, Matej Vidrih, Đura Karagić

8³⁰ - 8⁵⁰ Grassland use in European Union and Slovenia - *Matej Vidrih, J. Čop, S. Trdan, A. Vidrih, K. Eler – Slovenia*

8⁵⁰ - 9¹⁰ The future of plant diversity in grassland farming vegetation – a review of diversity in a strongly transformed agricultural landscape – *Karl Georg Bernhardt, K. Lapin, E. Werschonig – Austria*

9¹⁰ - 9³⁰ Production of livestock food on natural and sown grasslands - *Dragi Lazarević, Z. Dajić, S. Vučković, D. Terzić - Serbia*

9³⁰ - 9⁵⁰ Biodiversity of natural grasslands of Serbia: state and prospects of utilization - *Zora Dajić-Stevanović, D. Lazarević, M. Petrović, S. Ačić, G. Tomović – Serbia*

9⁵⁰ -10¹⁰ Forage legumes seed production in Serbia - *Đura Karagić, G. Jevtić, D. Terzić - Serbia*

10¹⁰ -10³⁰ Seed production in Europe with special focus on Denmark - *Mogens Toft Jensen - Denmark*

10³⁰ -10⁵⁰ Seed production of perennial forage grasses in Serbia - *Rade Stanisavljević, A. Simić, D. Sokolović - Serbia*

10⁵⁰ -11¹⁵ Coffee break / Kafe pauza; Posters viewing / Razgledanje postera

11¹⁵ -12⁴⁵ Parallel sessions IV Grasslands / Paralelna sekcija IV Travnjaci; Offered papers / Originalni naučni radovi (Main conference auditorium / Velika sala)

Chairpersons / Predsedništvo: Savo Vučković, Svetko Vojin, Senija Alibegović-Grbić

11¹⁵ -11³⁰ Tall fescue performance under drought and cutting conditions - *Marta Lazaridou, M. Karatassiou, P. Kostopoulou, Z. Koukoura - Greece*

11³⁰ -11⁴⁵ Effect of mineral fertilization on yield of *Agrostidetum vulgaris* – type meadows in mountainous grasslands in Serbia - *Savo Vučković, A. Simić, B. Čupina, Đ. Krstić, G. Duronić - Serbia*

11⁴⁵ -12⁰⁰ Changes in forage quality depending on climate conditions and grassland management - *Senija Alibegovic-Grbic, H. Čivić, M. Bezdrob, S. Čengiđ-Džomba - Bosnia and Herzegovina*

12⁰⁰ -12¹⁵ The effect of different fertilizer treatments on natural grassland yield - *Svetko Vojin, Ž. Lakić, S. Vučković, A. Simić, G. Duronić - Republic of Srpska, Bosnia and Herzegovina*

12¹⁵ -12³⁰ Solutions of problems caused by arid climate with help of the soil conditioners and special plant mixtures - *Daniela Knotová, T. Vymyslický, H. HutYROVÁ, J. Pelikán, M. Ševčíková, M. Straková – Czech Republic*

12³⁰ -12⁴⁵ Fertilizing results of high mountain lawns *Poetum violaceae* – *Radosav Dubljević, D. Mitrović - Montenegro*

11¹⁵-12⁴⁵ Parallel sessions II Seed production of forage crops / Paralelna sekcija II Semenarstvo krmnog bilja; Offered papers / Originalni naučni radovi (Conference room, upstairs / Sala na spratu)

Chairpersons / Predsedništvo: Lana Đukanović, Goran Jevtić, Rade Stanisavljević

11¹⁵-11³⁰ Effect of sowing method and seeding rate on yield components and seed yields in red clover (*Trifolium pretense* L) - Sanja Vasiljević, Đ. Karagić, V. Mihailović, I. Pataki, B. Milošević, B. Pejić - **Serbia**

11³⁰-11⁴⁵ The influence of the hive distance and the use of corn syrup on pollinator visits and red clover seed yield - Goran Jevtić, B. Anđelković, Z. Lugić, M. Mladenović, N. Nedić - **Serbia**

11⁴⁵-12⁰⁰ The influence of alfalfa flower coloration and the period of the day on the pollinator visits - Bojan Anđelković, G. Jevtić, M. Mladenović, M. Petrović, R. Štrbanović, B. Živković - **Serbia**

12⁰⁰-12¹⁵ Harvest index of Italian ryegrass for seed in the first harvest year - Aleksandar Simić, S. Vučković, D. Sokolović, R. Stanisavljević, S. Tošković-Petrović - **Serbia**

12¹⁵-12³⁰ The influence of alfalfa seed purity on the electric power consumption during processing - Dragoslav Djokić, R. Stanisavljević, J. Milenković, D. Terzić, B. Anđelković, L. Đukanović - **Serbia**

12³⁰-12⁴⁵ Application of vigor tests on forage crop seed - Lana Đukanović, V. Dragičević, R. Stanisavljević, M. Srebrić, D. Đukanović - **Serbia**

12⁵⁰-14⁰⁰ Poster session II, IV, VI / Poster sekcije II, IV, VI (Main conference auditorium / Velika sala)

Moderators / Moderatori: Sanja Vasiljević, Aleksandar Simić, Dušica Delić

14⁰⁰-15³⁰ Lunch / Ručak

15³⁰-16³⁰ Invited papers / Radovi po pozivu; Session V Forage quality, conservation and animal nutrition and Session III Forage crops on arable land / Sekcija V Kvalitet i konzervisanje stočne hrane i ishrana životinja i Sekcija III Oranično krmno bilje (Main conference auditorium / Velika sala)

Chairpersons / Predsedništvo: Branko Ćupina, Mirko Stjepanović, Bora Dinić

15³⁰-15⁵⁰ Forage crop production on arable land in Serbia - Pero Erić, B. Ćupina, V. Stevović - **Serbia**

15⁵⁰-16¹⁰ Animal feed quality – past and present - Nenad Đorđević, G. Grubić, B. Dinić, J. Lević, B. Stojanović, A. Božičković - **Serbia**

16¹⁰-16³⁰ Procedures for improvement of the quality of fermentation process and increase of nutritive value of silages - Bora Dinić, J. Radović, G. Jevtić - **Serbia**

16³⁰-16⁵⁰ Coffee break / Kafe pauza; Posters viewing / Razgledanje postera

16⁵⁰ -18⁰⁵ Parallel sessions V Forage quality, conservation and animal nutrition / Paralelna sekcija V Kvalitet i konzervisanje stočne hrane i ishrana životinja; **Offered papers** / Originalni naučni radovi (**Main conference auditorium** / *Velika sala*)

Chairpersons / *Predsedništvo*: Nenad Đorđević, Yunior Acosta Aragon, Goce Cilev

16⁵⁰ -17⁰⁵ The use of a silage inoculant in silages of grains of *Pisum sativum* and *Vicia faba* - Yunior Acosta Aragón, J. Stadlhofer, K. Schoendorfer, S. Pasteriner, G. Schatzmayr, F. Klimitsch, G. Kreici, G. Boeck - **Austria**

17⁰⁵ -17²⁰ Physically effective fiber in dairy cows nutrition and methods for determination - Bojan Stojanović, G. Grubić, N. Đorđević, A. Božičković, A. Ivetić - **Serbia**

17²⁰ -17³⁵ Relative feed value of alfalfa (*Medicago sativa* L.) and red clover (*Trifolium pratense* L.) at different stage of growth - Jordan Marković, R. Štrbanović, D. Terzić, M. Pojić, T. Vasić, S. Babić - **Serbia**

17³⁵ -17⁵⁰ Trypsin inhibitors in some grain legumes - Vuk Đorđević, A. Mikić, V. Perić, Z. Nikolić, V. Mihailović, M. Srebrić, S. Balešević-Tubić, V. Đukić - **Serbia**

17⁵⁰ -18⁰⁵ Energy value of meadow hay from different grassland regions of republic of Macedonia - Goce Cilev, Z. Gacovski, S. Presilski, N. Pacinovski - **Macedonia**

16⁵⁰ -18⁰⁵ Parallel sessions III Forage crops on arable land / Paralelna sekcija III Oranično krmno bilje; **Offered papers** / Originalni naučni radovi (**Conference room, upstairs** / *Sala na spratu*)

Chairpersons / *Predsedništvo*: Vladeta Stevović, Dragoljub Beković

16⁵⁰ -17⁰⁵ Alfalfa response to low soil pH and liming - Vladeta Stevović, D. Đurović, D. Đukić, B. Lazarević, D. Tomić - **Serbia**

17⁰⁵ -17²⁰ Preliminary report on forage yields in mid- to late spring-sown annual legume intercrops - Aleksandar Mikić, V. Đorđević, V. Perić, B. Čupina, V. Mihailović, M. Srebrić, Đ. Krstić - **Serbia**

17²⁰ -17³⁵ Importance of winter forage pea in high-quality forage production - Mirko Stjepanović, R. Gantner, T. Čupić, S. Popović, M. Tucak - **Croatia**

17³⁵ -17⁵⁰ Effect of genotype and crop density on sainfoin (*Onobrychis vicifolia* Scop) forage yield - Branka Čupina, L. Marinković, Dj. Krstić, A. Mikić, S. Antanasović, P. Erić - **Serbia**

17⁵⁰ -18⁰⁵ Investigation of the productivity of soybean and field bean as second crops - Dragan Terzić, D. Lazarević, B. Dinić, D. Đokić, J. Marković, J. Milenković - **Serbia**

18¹⁵ -19⁰⁰ Poster session III and V / Poster sekcije III and V (**Main conference auditorium** / *Velika sala*)

Moderators / *Moderatori*: Branko Čupina, Bojan Stojanović

20³⁰ Conference dinner - Restaurant Bagdala / *Svečana večera - Restoran Bagdala*

Friday / **Petak**, 28. 05. 2010

8³⁰ – 10⁰⁰ Session VI Other topics / Sekcija VI Ostale teme; **Offered papers** / Originalni naučni radovi (*Main conference auditorium* / *Velika sala*)

Chairpersons / *Predsedništvo*: *Tomas Vymyslicky, Tatjana Prentović, Branko Konstantinović*

8³⁰-8⁴⁵ Monitoring of vegetation changes on dykes after sowing selected species – *Tomas Vymyslický, D.Knotová, B. Badalíková, J. Hrubý, J. Bartlová, J. Nedělník* - **Czech Republic**

8⁴⁵-9⁰⁰ Phytoremediation as an ecologic measure for cleaning up of soils contaminated with heavy metals (Pb, Cd and Zn) in the Veles region - *Tatjana Prentović, T. Mitkova, P.R. Ivanovski, J. Mitrikeski, V. Pelivanoska, M. Markoski* - **Macedonia**

9⁰⁰-9¹⁵ A new technological process for producing bioethanol by continuous biochemical conversion of sweet sorghum juice - *Bojan Adnađević, I. Pataki, S. Vujičić* – **Serbia**

9¹⁵-9³⁰ Possibilities of herbicide control of economically significant weeds in fodder crops - *Branko Konstantinović, M. Meseldžija, B. Konstantinović* – **Serbia**

9³⁰-9⁴⁵ The influence of different inoculants on the alfalfa grown on acid soil - *Snezana Andjelković, M. Jarak, J. Radović, T. Vasić, B. Živković, S. Djurić* - **Serbia**

9⁴⁵-10⁰⁰ Nitrogen fixation of *Sinorhizobium meliloti*-alfalfa symbiosis: a five-year field trial – *Dušica Delić, O. Stajković, Đ. Kuzmanović, N. Rasulić, D. Mićanović, J. Radović, Z. Tomić* - **Serbia**

10⁰⁰-10⁴⁰ Assembly of Serbian forage crops society / Skupština Društva za krmno bilje

10⁴⁰-11⁰⁰ Closing ceremony / Svečano zatvaranje Simpozijuma

11⁰⁰ Mid tour / Ekскурzija

Visit to experimental field of Institute for forage crops / Obilazak oglednog polja Instituta za krmno bilje

Vine degustation – Rubin Winery / Degustacija vina – podrum fabrike Rubin

Lunch – Ribarska Spa / Ručak Ribarska Banja

Visit to farm with cattle production / Poseta farmi za tov goveda

Visit to farm with milk production / Poseta farmi za proizvodnju mleka

19⁰⁰ – 19³⁰ Expected return to Kruševac / Planirani povratak