



Grad Sunca – City of the Sun, Trebinje

XII INTERNATIONAL SYMPOSIUM ON AGRICULTURAL SCIENCES

and

XXVIII CONFERENCE OF AGRICULTURAL ENGINEERS OF THE REPUBLIC OF SRPSKA

PROGRAM OF THE SYMPOSIUM



24-26 May 2023

Trebinje, Republic of Srpska, Bosnia and Herzegovina



PROGRAM OVERVIEW

Wednesday, 24 May		
16:00 – 19:00	Symposium registration	Coloseum
17:00 – 17:30	Opening ceremony	Hall 2
17:30 – 18:45	Plenary lectures	
19:00	Coctail	Konoba etno selo
Thursday, 25 May		
08:30 – 17:00	Symposium registration	Coloseum
09:00 – 09:50	Plenary lectures	Hall 2
10:00 – 11:45	Session: Agricultural economics and rural development 1	Hall 1
10:00 – 12:00	Session: Horticulture 1	Hall 2
11:45 – 12:30	Coffee break	Hotel Panorama
12:15 – 14:10	Session: Agricultural economics and rural development 2	Hall 1
12:30 – 14:00	Session: Horticulture 2	Hall 2
14:00 – 16:00	Lunch break	Hotel Panorama
15:30 – 17:00	Workshop 1: Ecosystem services: not only benefits for environment, but also financial revenues for farmers	Hall 2
17:00 – 18:00	Workshop 2: What is needed to make research capacities in agricultural water management grow?	Hall 1
20:00	Cultural event	Dom kulture Trebinje
Friday, 26 May		
08:30 – 17:00	Symposium registration	Coloseum
09:00 – 09:50	Plenary lectures	Hall 2
10:00 – 11:40	Session: Crop Science 1	Hall 2
10:00 – 11:15	Session: Animal Science	Hall 1
11:15 – 12:15	Coffee break	Hotel Panorama
12:15 – 14:00	Session: Crop Science 2	Hall 2
12:00 – 13:30	Session: Horticulture 3	Hall 1
14:00 – 16:00	Lunch break	Hotel Panorama
16:00 – 18:00	XXVIII savjetovanje inženjera poljoprivrede Republike Srpske	Hall 2
20:00	Galla evening	Hotel Panorama



SCIENTIFIC PROGRAM

Wednesday, May 24

OPENING CEREMONY		Hall 2
17:00 – 17:30	<ul style="list-style-type: none">- Zlatan Kovačević, Dean of the Faculty of Agriculture, University of Banja Luka;- Radoslav Gajanin, Rector of the University of Banja Luka;- Savo Minić, Minister of Agriculture, Forestry and Water Management of the Republic of Srpska;- Željko Budimir, Minister for Scientific and Technological Development, Higher Education and Information Society;- Mirko Ćurić, Major of the Trebinje City- Branimir Nježić, President of the Organizing Committee.	
PLENARY LECTURES		Hall 2
	Chair: Borut Bosančić	
17:30 – 18:00 PL_01	Guido D'Urso EARTH OBSERVATION FOR CROP WATER REQUIREMENTS FROM THE FIELD TO THE REGIONAL SCALE: FROM RESEARCH TO OPERATIONAL APPLICATIONS	
18:00 – 18:30 PL_02	Carmelo Rapisarda IMPACT OF CLIMATE CHANGE ON INSECT PESTS AND THEIR MANAGEMENT: A CHALLENGE FOR FUTURE CROP PROTECTION	
18:30 – 19:00 PL_03	Dimitrije Marković PLANT RESPONSE TO TOUCH - ECOLOGICAL AND AGRONOMIC IMPLICATIONS	
19:00	Coctail	Konoba Etno selo



Thursday, 25 May

PLENARY LECTURES		Hall 2
Chair: Željko Vaško		
09:00 – 09:25 PL_04	Fernández-Lorenzo, Juan Luis IN VITRO MICROGRAFTING: SWEET CHESTNUT AND MULBERRY AS CASE STUDIES	
09:25 – 09:50 PL_05	Karmen Pažek METHODS AND TOOLS FOR DECISION SUPPORT IN AGRICULTURAL MANAGEMENT	

SESSION: HORTICULTURE 1		Hall 2
Chair: Viktor Gjamovski, Boris Pašalić, Boban Đorđević		
10:00-10:15 O2_01	Eligio Malusa, Invited lecture SOIL MANAGEMENT IN ORGANIC FRUIT PRODUCTION: AN AGROECOLOGICAL APPROACH	
10:15-10:25 O2_02	Gordana Đurić OPEN ISSUES OF KNOWLEDGE TRANSFER IN FRUIT GROWING IN BOSNIA AND HERZEGOVINA	
10:25-10:35 O2_03	Gordana Đurić, Jelena Davidović Gidas CHALLENGES IN APPLE PLANTING MATERIAL PRODUCTION AND EXPORT IN BOSNIA AND HERZEGOVINA	
10:35-10:45 O2_04	Miljan Cvetković, Jelisaveta Seka Cvijanović INFLUENCE OF PLUM VARIETY ON THE MECHANIZED PRUNING EFFICIENCY	
10:45-10:55 O2_05	Nataša Čereković, Majken Pagter, Hanne Lakkenborg Kristensen, Hanne Lindhard Pedersen, Rex Brennan, Karen Koefoed Petersen THE EFFECT OF IRRIGATION DURING FLOWER INITIATION AND FLOWERING TIME ON BLACKCURRANT	
10:55-11:05 O2_06	Miljan Cvetković, Petar Nikolić, Milan Šipka IOT BASED DIGITAL FARM MANAGEMENT FOR ORCHARD	
11:05-11:15 O2_07	Vuk Pavić, Mirko Jokić DEVELOPMENT OF AUTOMATIC PEST TRAP BASED ON IOT (INTERNET OF THINGS) TECHNOLOGIES	
11:15-11:45	Poster presentations: P2_01 – P2_17	
11:45-12:00	Discussion	
12:00-12:30	Coffee break	



SESSION: HORTICULTURE 2		Hall 2
Chair: Dragan Nikolić, Dushko Nedelkovski, Darko Jakšić		
12:30-12:45 O2_09	Darko Jakšić, Veljko Perović, Ivan Bradić, Jordana Ninkov, Vesna Maraš, Pierfederico La Notte, Mirjam Vujadinovic Mandic, Invited lecture THE APPLICATION OF ADVANCED TECHNOLOGIES IN THE RESEARCH OF TERROIR FACTORS IN VITICULTURE AND OENOLOGY	
12:45-12:55 O2_10	Vanja Miljanić, Jernej Jakše, Denis Rusjan, Andreja Škvarč, Nataša Štajner HIGH-THROUGHPUT SEQUENCING AND MULTIPLEX RT-PCR FOR DIAGNOSTICS OF GRAPEVINE VIRAL PATHOGENS	
12:55-13:05 O2_11	Veroslava Kocić, Dušica Ćirković, Dragana Stanisavljević, Dobila Randelović, Milica Stojanović, Jelica Lazić Saković, Aleksandar Veličković THE INFLUENCE OF RAW MATERIALS AND THE PRODUCTION PROCESS ON THE QUALITY OF ROSÉ WINE	
13:05-13:15 O2_12	Stefan Gordanić, Dragoja Radanović, Snežana Mrđan, Jelena Golijan-Pantović, Sara Mikić, Željana Prijić, Tatjana Marković EXAMINATION OF THE INFLUENCE OF SOIL TYPE ON THE YIELD AND MORPHOLOGICAL PARAMETERS OF <i>Mellisa officinalis</i>	
13:15-13:25 O2_13	Milena Lakićević, Lazar Pavlović, Saša Orlović, Emina Mladenović INVENTARISATION OF THE WOODY PLANTS IN NOVI SAD	
13:25-13:45	Poster presentations: P2_18 –P2_42	
13:45-14:00	Discussion	

SESSION: AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT 1		Hall 1
Chair: Vesna Mrdalj, Branislav Vlahović, Črtomir Rozman		
10:00-10:15 O3_01	Hrabrin Bachev, Bozidar Ivanov, Invited lecture ABOUT THE GOOD GOVERNANCE OF BULGARIAN AGRICULTURE	
10:15-10:25 O3_02	Veselin Krastev FARM SUSTAINABLE DEVELOPMENT OF THE EU NEW MEMBER STATES	
10:25-10:35 O3_03	Carsten Hümmer, Marius Funk, Markus Dirschl, Matthias Schneider, Dragan Brkovic, Peter Breunig, Johannes Holzner ECONOMICS AND INNOVATIONS IN MILK PRODUCTION AND PROCESSING IN GERMANY UP TO 2030 - PROSPECTS AND CHALLENGES	
10:35-10:45 O3_04	Gordana Rokvić Knežić, Ljiljana Drinić, Miljan Erbez ANALYSIS OF INDICATORS OF RURAL DEVELOPMENT OF SELECTED MUNICIPALITIES IN THE REPUBLIC OF SRPSKA	
10:45-10:55 O3_05	Željko Vaško, Marko Ivanković, Suzana Madžarić, Nemanja Jalić MODELLING OF ADDITIONAL RANKING OF AREAS WITH NATURAL CONSTRAINTS IN BOSNIA AND HERZEGOVINA	
10:55-11:05 O3_06	Katerina Kareska, Silvana Pashovska ECONOMIC INDICATORS FOR THE SUSTAINABILITY OF TOBACCO PRODUCTION IN THE REPUBLIC OF NORTH MACEDONIA	
11:05-11:15 O3_07	Črtomir Rozman ECONOMICS OF IRRIGATION IN NORTH-EASTERN SLOVENIA	



11:15-11:25 O3_08	Nataša Vukelić, Vesna Pavlović, Veljko Šarac, Beba Mutavdžić MANAGERIAL CAPACITIES OF MILK PRODUCERS IN TITEL MUNICIPALITY
11:25-11:35 O3_09	Dragan Dokić, Vera Popović, Vesna Gantner THE SIGNIFICANCE OF THE FISCAL RELIEF OF WHEAT AND CORN PRODUCTION IN THE FUNCTION OF PROTECTING THE FOOD MARKET IN THE REPUBLIC OF CROATIA
11:35-11:45	Discussion
11:45-12:15	Coffee break

	SESSION: AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT 2	Hall 1
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Chair: Gordana Rokvić Knežić, Hrabrin Bachev, Nebojša Novković

12:15-12:25 O3_10	Branislav Vlahović, Anton Puškarić FOREIGN TRADE OF WINE IN THE REPUBLIC OF SERBIA
12:25-12:35 O3_11	Aleksandar Ostojić, Luka Vračar, Nemanja Jalić CONSUMER ATTITUDES ABOUT PURCHASING AND CONSUMING VEGETABLES
12:35-12:45 O3_12	Nemanja Jalić, Nikola Ružević, Aleksandar Ostojić Z GENERATION ATTITUDES AND OPINIONS ABOUT BEER
12:45-12:55 O3_13	Nistoroiu Bianca Florentina, Nicolae Iuliana GENDER TRENDS IN MODERN AGRICULTURE: THE CASE OF FEMALE FARMERS IN EUROPE
12:55-13:05 O3_14	Blagoje Paunović, Nebojša Novković EVALUATING OF ENVIRONMENTAL IMPACT IN COST BENEFIT ANALYSIS OF INVESTMENT PROJECTS IN AGRICULTURE
13:05-13:15 O3_15	Branislav Raketic CHALLENGES FOR THE FURTHER DEVELOPMENT OF THE ORGANIC SECTOR IN WESTERN BALKAN COUNTRIES/TERRITORIES
13:15-13:25 O3_16	Senka Ždero, Zorica Srđević, Bojan Srđević SELECTING SOCIO-ENVIRONMENTAL INDICATORS TO UNDERSTAND THE EFFECTS OF DROUGHT ON RAMSAR SITES
13:25-13:35 O3_17	Gvozden Mičić, Dimitrije Marković, Gordana Đurić TOOL FOR AGROECOLOGY PERFORMANCE EVALUATION TESTING IN BOSNIA AND HERZEGOVINA
13:35-13:45	Discussion
	Chair: Željko Vaško, Katerina Kareska, Dragan Brković
13:45-13:55	Poster presentations: P3_01 – P3_09
13:55-14:10	Discussion



	WORKSHOP 1	Hall 2
15:30-17:00	ECOSYSTEM SERVICES: NOT ONLY BENEFITS FOR ENVIRONMENT, BUT ALSO FINANCIAL REVENUES FOR FARMERS - SUPPORTED BY THE PROJECT EU4FITO-BIH	
	Chair: Branimir Nježić	
	Eligio Malusa SUSTAINABLE USE OF IPM	
	Eduardo Ucciero PLANT HEALTH - A COMMON AFFAIR OF THE ENTIRE SOCIETY	
	Petar Nikolić WILD BEES, VITAL POLINATORS IN OUR ECOSYSTEM	
	Branimir Nježić ENTOMOPATOGENIC NEMATODES IN MANAGEMENT OF INSECT PESTS	
	Discussion	
	WORKSHOP 2	Hall 1
15:30-17:30	WHAT IS NEEDED TO MAKE RESEARCH CAPACITIES IN AGRICULTURAL WATER MANAGEMENT GROW? - SUPPORTED BY THE PROJECT SMARTWATER	
	Chair: Enrique Playán	



Friday 26 May, 2023

PLENARY LECTURES		Hall 2
Chair: Sava Vrbničanin		
09:00 – 09:25 PL_06	Jovan Pavlov, Nenad Delić, Sofija Božinović, Zoran Čamdžija, Nikola Grčić CURRENT TRENDS IN MAIZE BREEDING AT MAIZE RESEARCH INSTITUTE “ZEMUN POLJE”	
09:25 – 09:50 PL_07	Ivana Tlak Gajger THE RELATIONSHIP BETWEEN NUTRITION AND THE HEALTH OF HONEYBEE COLONIES	

SESSION: CROP SCIENCE 1		Hall 2
Chair: Novo Pržulj, Sava Vrbničanin		
10:00-10:15 O1_01	Nataša Čereković, Vojo Radić, Jovana Žunić, Mladen Babić, Milan Šipka, Marinko Vekić, Goran Banović, Sandra Petković, Mladen Todorović, Nery Zapata, Teresa Afonso do Paço, Wilk Almeida, Sabrija Čadro, Benjamin Crljenković, Mihajlo Marković, Invited lecture IRRIGATION AND NITROGEN APPLICATION FOR IMPROVING MAIZE YIELD GROWN AT DIFFERENT LOCATIONS IN BOSNIA AND HERZEGOVINA	
10:15-10:30 O1_02	Zoran Bročić, Jasmina Oljača, Danijel Pantelić, Jelena Rudić, Dobrivoj Poštić, Ivana Momčilović, Invited lecture EFFECTS OF CULTIVAR AND PLANT ORIGIN ON THE AEROPONIC PRODUCTION OF POTATO MINITUBERS	
10:30-10:40 O1_03	Enrique Playán, Nataša Čereković, Alen Mujčinović, Mihajlo Marković, Mladen Todorović, Željko Vaško, Nevena Stojaković, Sabrija Čadro, Teresa Afonso do Paço, Wilk Almeida, Farida Dechmi, Piluca Paniagua, Nery Zapata A ROADMAP TO CONSOLIDATE AGRICULTURAL WATER MANAGEMENT RESEARCH IN BOSNIA-HERZEGOVINA	
10:40-10:50 O1_04	Snežana Brajević, Željko Dželetović, Aleksandar Simić, Gordana Andrejić, Marija Ćosić, Uroš Aleksić ORGANIC CARBON STOCK AND SUSTAINABLE LAND USE UNDER PERMANENT GRASSLANDS IN ZLATIBOR MOUNTAIN	
10:50-11:00 O1_05	Danijela Kondić, Stevan Trivković, Desimir Knežević, Zoran Bročić INTERACTION OF AGRONOMIC TREATMENTS IN A FUNCTION OF WINTER WHEAT YIELD	
11:00-11:10 O1_06	Helena Majstorović, Bogdan Garalejić, Maja Sudimac, Babka Jan, Miloš Pavlović PHOSPHORUS CONTENT AND STRATIFICATION IN THE SOIL LAYER 0-30 CM IN CONVENTIONAL (CT) AND NO-TILL (NT) TILLAGE SYSTEMS LONG TERM EXPERIMENT	
11:10-11:20 O1_07	Bozhidar Ivanov, Daniela Tsvyatkova COMPARATIVE ANALYSIS OF SLUDGE UTILIZATION IN AGRICULTURE IN EU COUNTRIES	
11:20-11:35	Poster presentations: P1_01 – P1_17	
11:35-11:45	Discussion	
11:45-12:15	Coffee break	



SESSION: CROP SCIENCE 2		Hall 2
Chair: Anđa Radonjić, Ljiljana Brbaklić		
12:15-12:30 O1_08	Dragan Perović, Yu Cai, Robert Hoffie, Peter Dracatos, Invited lecture FROM GERMLASM SCREENING TO GENETICS AND GENOME EDITING IN BARLEY LEAF RUST RESISTANCE BREEDING	
12:30-12:45 O1_09	Desimir Knežević, Danijela Kondić, Aleksandra. Yu. Novoselskaya Dragovich, Alexander M. Kudryavtsev, Mirela Matković Stojšin, Veselinka Zečević, Adriana Radosavac, Aleksandar Paunović, Invited lecture VARIABILITY OF WHEAT TECHNOLOGICAL QUALITY PROPRTIES AND THEIR RELATIONSHIPS WITH GLIADIN AND GLUTENIN ALLELES	
12:45-13:00 O1_10	Anđa Radonjić, Olivera Petrović-Obradović, Invited lecture MONITORING OF APHIDS AS VECTORS OF VIRUSES IN FIELD CROPS IN SERBIA	
13:00-13:10 O1_11	Cody Watzig, Francesco Vuolo, Aleksandar Dujakovic, Andreas Schaumberger, Andreas Klingler IMPROVING GRASSLAND CUT DETECTION METHODOLOGY BASED ON SENTINEL-2 TIME SERIES TO RESPOND TO THE CHALLENGES OF THE AUSTRIAN GRASSLAND PRODUCTION	
13:10-13:20 O1_12	Ahmad Ratib Sharafat INFLUENCE OF DIMETHYL SULFOXIDE ON THE PRODUCTION OF EMBRYOS AND GREEN PLANTS FROM ANTHERS CULTURE OF WHEAT (<i>Triticum aestivum</i> L.)	
13:20-13:30 O1_13	Ranko Gantner, Zvonimir Steiner, Vesna Gantner LOW-INPUT FARMING FOR AGRICULTURAL SUSTAINABILITY	
13:30-13:40 O1_14	Snežana Gošić Dondo, Dragan Grčak, Željko D. Popović, Danijela Ristić, Milosav Grčak, Danijela Kondić, Desimir Knezevic VARIABILITY OF DAMAGE IN MAIZE GENOTYPES CAUSED BY ATTACK CORN BORER <i>Ostrinia nubilalis</i> HBN.	
13:40-14:00	Poster presentations: P1_18 – P1_33	
14:00-14:10	Discussion	

SESSION: HORTICULTURE 3		Hall 1
Chair: Mirjana Ljubojević, Dragana Šunjka, Branimir Nježić		
12:30-12:45 O2_14	Mirjana Ljubojević, Goran Barać, Tijana Narandžić, Jovana Ostojić, Biljana Božanić Tanjga, Milica Grubač, Magdalena Pušić, Invited lecture REMODELING HORTICULTURAL PLANTS' BREEDING TO MEET SUSTAINABLE DEVELOPMENT GOALS	
12:45-12:55 O2_15	Ranko Sarić, Snežana Branković EFFECT OF WEED CONTROL IN A POPLAR PLANTATION CLONE <i>Populus x euramericana</i> 'I-214'	
12:55-13:05 O2_16	Dragana Šunjka, Sanja Lazić, Slavica Vuković, Antonije Žunić, Aleksandra Šušnjar DIETARY RISK ASSESSMENT OF DIAMIDE INSECTICIDES IN PEACH FRUITS	
13:05-13:15 O2_17	Zorana Đekanović, Đorđe Kusalović, Nevena Jokić, Jovana Radić, Relja Suručić, Vojo Radić, Ranko Škrbić, Duška Delić EVALUATION OF EFFICACY OF SOME PLANT EXTRACTS FOR THE CONTROL OF FUSARIUM WILT (<i>Fusarium oxysporum</i>) AND ALTERNARIA LEAF SPOT (<i>Alternaria alternata</i>)	



13:15-13:25 O2_18	Milan Ivanović, Milan Šević, Anđelka Prokić, Jelena Adamović, Aleksa Obradović USE OF ANTIBIOTICS IN CROP PROTECTION: YES OR NO?
13:25-13:35 O2_19	Dragana Marinković EFFECTS OF IONIZING RADIATION ON FOOD
13:30-13:45	Poster presentations: P2_43 - P2_61
13:45-14:00	Discussion

	SECTION: ANIMAL SCIENCES	Hall 1
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Chair: Ivana Tlak Gajger, Đorđe Savić, Vesna Gantner

10:00-10:15 O4_01	Vesna Gantner, Biljana Rogić, Invited lecture THE IMPORTANCE OF EDUCATION IN THE FIELD OF AGRICULTURE IN TERMS OF CHANGES OF CLIMATE
10:15-10:25 O4_02	Aleksandar Ignjatović, Kazimir Matović, Goran Jevtić, Nebojša Nedić THE INFLUENCE OF GEOGRAPHICAL AREA ON MORPHOMETRIC PARAMETERS OF HONEY BEE IN SERBIA
10:25-10:35 O4_03	Stoja Jotanović, Predrag Ilić, Slaven Grbić, Jasmin Kazazović CHANGE IN PULSE FREQUENCY IN HORSES AS AN INDICATOR OF STRESS CAUSED BY LOADING
10:35-10:45 O4_04	Vesna Gantner, Ivana Jožef, Dragan Solić, Ranko Gantner, Zvonimir Steiner VARIABILITY OF MASTITIS OCCURRENCE IN DAIRY SIMMENTALS DUE TO RECORDING TIME
10:45-11:00	Poster presentations: P4_01 – P4_15
11:00-11:15	Discussion
11:15-11:45	Coffee break

	XXVIII SAVJETOVANJE INŽENJERA POLJOPRIVREDE REPUBLIKE SRPSKE Stručno savjetovanje na temu: “Proizvodnja, arome i greške u voćnim destilatima”	Hall 2
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Moderator: Božana Odžaković

Pozdravna riječ: Zlatan Kovačević i Borut Bosančić

Izlagač: Branko Drljača

16:00-17:30	Proizvodnja (Sirovina; Enološki aditivi; Fermentacija; Destilacija) Arome (Izvor i formiranje aroma; Tipične arome voćnih destilata, Arome iz bureta) Greške u destilatima (Najčešće greške; Uzrok i formiranje; Greške iz radnih faza)
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LIST OF THE POSTERS

SESSION: CROP SCIENCE 1	
P1_01	Dushko Mukaetov, Hristina Poposka, Marjan Andreevski SPATIAL ASSESSMENT OF SOIL ORGANIC CARBON CONTENTS UNDER DIFFERENT LAND USE TYPES IN OHRID VALLEY
P1_02	Radoš Zemunac, Milica Vranešević, Boško Blagojević, Radovan Savić, Atila Bezdán, Stanko Milić, Andrea Salvai TRENDS OF KEY IRRIGATION WATER QUALITY PARAMETERS IN THE ENDANGERED WATERCOURSES IN VOJVODINA (SERBIA)
P1_03	Vojo Radic, Ilija Komljenovic, Borislav Petkovic, Nikola Krstovic INFLUENCE OF IRRIGATION ON SEED PRODUCTION OF MAIZE HYBRIDS IN DRY SEASONS
P1_04	Ivica Djalovic, Aleksandar Paunović NITROGEN FERTILIZATION AND HYBRID INTERACTIONS ALONG CLIMATIC CONDITIONS DETERMINE MAIZE YIELD IN CALCAREOUS SOIL
P1_05	Nikola Grčić, Zoran Čamdžija, Jovan Pavlov, Milomir Filipović, Sofija Božinović, Marko Mladenović ZP 4019- A NEW MAIZE HYBRID DEVELOPED USING DOUBLED HAPLOID (DH) TECHNOLOGY
P1_06	Milan Biberdžić, Jelena Stojilković, Vera Đekić, Saša Barać, Dragana Lalević, Milomirka Madić THE IMPORTANCE OF HYBRIDS AND SOWING DENSITY ON MAIZE YIELD IN THE SOUTHERN PART OF SERBIA
P1_07	Dalibor Tomić, Vladeta Stevović, Ivan Marković, Miloš Marjanović, Nenad Pavlović, Mirjana Petrović, Vladimir Zornić, Đorđe Lazarević, Jasmina Knežević FORAGE YIELD AND YIELD COMPONENTS OF SUDAN GRASS DEPENDING ON SOWING DENSITY
P1_08	Đorđe Todić RESULTS OF BREEDING WORK ON SMALL GRAINS AT THE AGRICULTURAL INSTITUTE OF THE REPUBLIC OF RRPSCA
P1_09	Andreas Schaumberger, Aleksandar Dujakovic, Francesco Vuolo, Andreas Klingler, Cody Watzig SATELLITE-BASED MODELLING OF GRASSLAND YIELD AND QUALITY DYNAMICS (SATGRASS)
P1_10	Sanja Mikić, Verica Takač, Ljiljana Brbaklić, Milan Mirosavljević, Dušan Trajković, Nataša Buha, Maja Šumaruna ESTIMATION OF YIELD POTENTIAL OF LOCAL WHEAT LANDRACES WITH NDVI, FLAG LEAF AREA AND CHLOROPHYLL CONTENT
P1_11	Borislav Petković, Ilija Komljenović, Vojo Radić, Darko Aćimović VARIATION OF SILAGE YIELD OF MAIZE HYBRIDS ON SOILS OF POOR FERTILITY IN HILLY AREAS
P1_12	Zoran Čamdžija, Aleksandar Popović, Vojka Babić, Natalija Kravić, Jovan Pavlov, Nikola Grčić, Milomir Filipović EVALUATION OF COMBINING ABILITIES OF LOCAL MAIZE LANDRACES FOR STARCH, PROTEIN AND OIL CONTENT IN GRAIN
P1_13	Željko Dolijanović, Snežana Oljača, Milena Simić, Vesna Dragičević, Zoran Jovović THE EFFECT OF DIFFERENT MICROBIAL FERTILIZER ON THE WEEDINESS OF MAIZE
P1_14	Gorica Cvijanović, Vesna Stepić, Marija Bajagić, Vojin Đukić, Jovana Sekulić, Nenad Đurić, Zlatica Miladinov Mamlić THE INFLUENCE OF THE APPLICATION OF EFFECTIVE MICROORGANISMS ON THE WEIGHT OF 1000 GRAINS AND THE YIELD OF DIFFERENT MAIZE GENOTYPES
P1_15	Marija Gavrilović, Ranko Koprivica, Miloš Zelić, Biljana Veljković, Zoran Mileusnić, Branislav Dudić, Aleksandra Dimitrijević Petrović ENERGY EQUIPMENT WITH TRACTORS IN THE COOPERATIVE "AGROPROM"
P1_16	Zoran Malicevic, Milan Jugovic ASSESSMENT OF THE QUALITY OF WORK OF AGGREGATES FOR BASIC TILLAGE
P1_17	Pawel Plottek, Rafał Ramut, Stanislaw Minta INNOVATIONS IN AGRICULTURE - RAPE SEED DRILL BASED ON AN AFTER-CROP SEEDER AS AN EXAMPLE OF FARMER' HIMSELF INNOVATION
SESSION: CROP SCIENCE 2	
P1_18	Ljiljana Brbaklić, Sanja Mikić, Milan Mirosavljević, Radivoje Jevtić, Vladimir Aćin, Dragan Živančev, Vera Popović ON-FARM CONSERVATION, MANAGEMENT AND USE OF BARLEY, OATS, RYE AND WHEAT GENETIC RESOURCES IN SERBIA



P1_19	Petr Konvalina, Trong Nghia Hoang WINTER WHEAT MIXTURES SYSTEM AS THE WAY FOR STABILIZATION OF YIELD AND INCREASE OF GRAIN QUALITY IN ORGANIC FARMING
P1_20	Jelena Golijan Pantović, Mile Sečanski, Ljubica Šarčević Todosijević BENEFITS OF ORGANIC FOOD PRODUCTION
P1_21	Jelena Golijan Pantović, Bojan Dimitrijević, Mile Sečanski, Stefan Gordanić ORGANIC SOYA BEAN PRODUCTION IN SERBIA
P1_22	Jelena Golijan Pantović, Bojan Dimitrijević, Aleksandar Popović, Mile Sečanski THE STATE OF ORGANIC BARLEY PRODUCTION IN SERBIA
P1_23	Jelena Golijan Pantović, Stefan Gordanić BIOHERBICIDES IN ORGANIC AGRICULTURE
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