

**Faculty of Agriculture and Food Sciences  
University of Sarajevo  
Bosnia and Herzegovina**



**Faculty of Agriculture  
Ege University  
Republic of Turkey**



## **30TH INTERNATIONAL SCIENTIFIC-EXPERTS CONFERENCE OF AGRICULTURE AND FOOD INDUSTRY**

For more information visit: <https://agriconference.ppf.unsa.ba/>

**September 26-27, 2019  
Hotel Hills - Sarajevo**

## AGENDA

### WEDNESDAY - September 25

17:00 – 18:00	Registration
18:00 – 20:00	Welcome cocktail

### THURSDAY - September 26

8:00 – 9:00	Registration
9:00 – 9:30	Press conference
9:30 – 10:00	Opening ceremony
10:00 – 12:30	Keynote speaker <ul style="list-style-type: none"> <li>- Maria R. Finckh (University of Kassel, Germany);</li> <li>- Alejandro Pérez de Luque (IFAPA, Centro Alameda del Obispo);</li> <li>- Hamid El Bilali (International Center for Advanced Mediterranean Agronomic Studies (CIHEAM), Mediterranean Agronomic Institute of Bari (CIHEAM-Bari))</li> </ul>
12:30 – 13:30	Lunch break
13:30 – 15:00	Session 1: Oral presentations
15:00 – 15:15	Coffee break
15:15 – 16:30	Session 2: Oral presentations
16:30 – 17:00	Coffee break
17:00 – 18:30	Panel discussion
20:00 -	Gala dinner

### FRIDAY - September 27

9:00 – 10:00	Poster presentations & Best poster awards ceremony <sup>1</sup>
10:00 – 11:45	Session 1: Oral presentations
11:45 – 12:00	Coffee break
12:00 – 12:45	Keynote speaker <ul style="list-style-type: none"> <li>- Francesco Marra (Department of Industrial Engineering, University of Salerno)</li> </ul>
12:45 – 14:00	Lunch break
14:00 – 16:00	Sarajevo visiting tour
19:00 – 21:00	B&H traditional products presentation

<sup>1</sup> **INSTRUCTIONS FOR POSTER PRESENTATION:** Please bring your poster to the registration desk during registration process. Authors must be present next to the poster during poster presentation. Posters will also be available during coffee breaks.

## ORAL PRESENTATIONS

THURSDAY - September 26

Session 1 (13:30 – 15:00)

13:30 – 15:00	Session 1: Oral presentation – Agricultural plant production Room 1
Chairman persons	Prof. dr. Fuad Gaši Prof. dr. Drena Gadžo
13:30 – 13:45	<b>EFFECT OF N APPLICATION AND GROWTH REGULATOR ON SEED PRODUCTION OF TETRAPLOID ITALIAN RYEGRASS</b> Simić A., Jovanović-Radovanov K., Mandić V., Bijelić Z., Sokolović D., Babić S.
13:45 – 14:00	<b>DETERMINATION OF YIELD AND AGRONOMIC CHARACTERISTICS OF SOME SOYBEAN GENOTYPES SUITABLE FOR DOUBLE CROP AGRICULTURE IN MEDITERRANEAN CLIMATE CONDITIONS</b> Yildirim A., Yildiz H., Ilker E., Ekren S.
14:00 – 14:15	<b>DETERMINATION OF THE BARLEY DISEASES IN BINGÖL PROVINCE OF TURKEY</b> Saraç Sivrikaya I., Karakaya A., Çelik Oğuz A.
14:15 – 14:30	<b>EX-SITU REMEDIATION OF HEAVY METALS CONTAMINATED SOILS USING NATURAL ALUMINOSILICATE MINERALS</b> Sijahović E., Čivić H., Murtić S.
14:30 – 14:45	<b>THE POTENTIAL OF TRITICALE (<i>X TRITICOSECALE</i>) FORAGE AS A SOURCE OF ANIMAL FEED</b> Geren H., Tuncer Y.
14:45 – 15:00	<b>THE INFLUENCE OF CHANGES IN WAY OF USE, IN CLIMATE AND IN HYDROLOGICAL CONDITIONS ON HISTOSOL IN RECLAMATION AREA IN PEATLAND ŽDRALOVAC</b> Tvica M., Čivić M., Tunguz V.

13:30 – 15:00	Session 1: Oral presentation – Agricultural animal production Room 2
Chairman persons	Prof. dr. Zvonko Antunović Prof. dr. Senada Čengić-Džomba
13:30 – 13:45	<b>DETERMINATION OF EGG QUALITY TRAITS OF ATAĞ'S HENS KEPT IN DIFFERENT REARING SYSTEMS</b> Dilek D. S., Ramazan D.
13:45 – 14:00	<b>EFFECT OF DIFFERENT ENERGY: PROTEIN RATIO ON COMMERCIAL LAYING HENS' PERFORMANCES IN THE FIRST HALF OF LAYING PERIOD</b> Džomba E., Čengić-Džomba S., Muratović S., Hadžić Dž.
14:00 – 14:15	<b>EFFECTS OF DIETARY OREGANO ESSENTIAL OIL ON PERFORMANCE AND EGG QUALITY OF LAYING HENS KEPT IN FURNISHED CAGES</b> Ramazan D., Muzaffer D.
14:15 – 14:30	<b>EFFECTS OF DIFFERENT AMINO ACID SOURCES ON BROILER PERFORMANCE AND CARCASS QUALITY</b> Ramazan D., Muzaffer D., Cemil A.
14:30 – 14:45	<b>POLYMORPHISMS OF THE OVINE PRION PROTEIN (PrP) GENE IN THE PRAMENKA BREED SHEEP POPULATION(S) IN BOSNIA AND HERZEGOVINA - KUPRESKI STRAIN</b> Zečević E., Dokso A., Rustempašić A., Brka M.
14:45 – 15:00	<b>POLYMORPHISM OF PrP GENS IN THE POPULATION OF CHAMOIS IN THE AREA OF BIOKOVO - REPUBLIC OF CROATIA</b> Zečević E., Dokso A., Rustempašić A., Brka M.

13:30 – 15:00	Session 1: Oral presentation – Agricultural economics Room 3
Chairman persons	Prof. dr. Sabahudin Bajramović Prof. dr. Dragana Ognjenović
13:30 – 13:45	<b>EXPLORING THE LINKS BETWEEN FARMERS' INTENTION TO APPLY FOR RURAL DEVELOPMENT PROGRAM AND NETWORKS</b> Martinovska Stojcheska A., Kotevska A., Tuna E., Simonovska A.
13:45 – 14:00	<b>STAKEHOLDER AND SOCIAL NETWORKS: BASIS FOR DEVELOPMENT PASTURE MANAGEMENT STRATEGIES</b> Tuna E., Martinovska Stojcheska A.
14:00 – 14:15	<b>ECONOMIC PERFORMANCES OF URBAN FARMS IN RUHR METROPOLITAN REGION - FINDINGS FROM A CLUSTER ANALYSIS AND CLASSIFICATION TREES</b> Pölling B., Lorleberg W., Mergenthaler M., Sroka W.
14:15 – 14:30	<b>URBAN FARMING'S CONSUMER PREFERENCES SURVEY IN WESTERN BALKAN</b> Pölling B., Glamočlija P., Drkenda P.

## Session 2 (15:15 – 16:30)

15:15 – 16:30	Session 2: Oral presentation – Agricultural plant production Room 1
Chairman persons	Prof. dr. Pakeza Drkenda Prof. dr. Fikreta Behmen
15:15 – 15:30	<b>PHENOLOGY OF SOME WALNUT GENOTYPES AND CULTIVARS IN YALOVA (TURKEY) ECOLOGY</b> Erdal O., Hepaksoy S.
15:30 – 15:45	<b>THE EFFECTS OF IRRIGATION ON LEAF CHLOROPHYLL CONTENT OF POMEGRANATE CULTIVAR</b> Bahaulddin A., Hepaksoy S.
15:45 – 16:00	<b>PHENOLOGICAL CHARACTERISTICS OF INTRODUCED ALMOND (<i>PRUNUS AMYGDALUS</i>) CULTIVARS IN HERZEGOVINA</b> Hasanbegović J., Hadžiabulić S., Kurtović M., Gaši F., Skender A., Grahić J.
16:00 – 16:15	<b>SOIL WATER BALANCE RESPONSE TO CLIMATE CHANGE IN POSAVINA REGION</b> Čadro S., Marković M., Kaloper S., Ravlić M., Žurovec J.

15:15 – 16:30	Session 2: Oral presentation – Agricultural animal production Room 2
Chairman persons	Prof. dr. Denis Kučević Prof. dr. Admir Dokso
15:15 – 15:30	<b>BOTTLENECK ANALYSIS OF TURKISH AND ALGERIAN SHEEP BREEDS USING MICROSATELLITE MARKERS</b> Ata N., Ameer A., Yilmaz O.
15:30 – 15:45	<b>THE VARIATION OF AIR TEMPERATURE, HUMIDITY, AND WILD BOAR POPULATION IN HUNTING AREA IN EASTERN CROATIA IN PERIOD 2008-2018</b> Gavran M., Gregić M., Gantner V.
15:45 – 16:00	<b>DETERMINATION OF MEAT QUALITY IN EXTENSIVELY REARED AKKARAMAN SHEEP BREED</b> Tüzün A., Yilmaz O.
16:00 – 16:15	<b>DEVELOPMENT AND SELECTION OF OPTIMAL STATISTICAL MODELS TO EVALUATE THE EFFECT OF MICROCLIMATE PARAMETERS ON THE VARIABILITY OF PRODUCTION TRAITS</b>

	<b>IN DAIRY COWS</b> Vučković G., Gavran M., Gregić M., Mijić P., Gantner R., Brka M., Gantner V.
16:15 – 16:30	<b>PERSISTENCY OF THE EFFECT OF HEAT STRESS IN SIMMENTAL COWS IN EASTERN CROATIA</b> Gantner V., Kučević D., Gavran M., Gantner R., Gregić M., Bobić T., Šperanda M., Brka M.

15:15 – 16:30	Session 2: Oral presentation – Food technology Room 3
Chairman persons	Prof. Dr. Milenko Blesić Prof. Dr. Nermina Spaho
15:15 – 15:30	<b>SEASONAL VARIATIONS IN DEPOSITION OF FAT IN THE BODY OF RAINBOW TROUT <i>ONCORHYNCHUS MYKISS</i> (WALBAUM 1792) AND ITS EFFECT ON YIELD AND QUALITY OF MEAT IN CAGES AT COMMERCIAL BREEDING FARM</b> Karahmet E., Isaković S., Muhamedagić S., Toroman A., Đulančić N.
15:30 – 15:45	<b>QUALITY OF CRAFT BEERS IN BOSNIA AND HERZEGOVINA</b> Jurić A., Maestro D., Čaušević A., Jurišić M.
15:45 – 16:00	<b>IMPACT OF PARENTAL BMI ON ADOLESCENTS' BMI: MODERATING EFFECTS OF GENDER</b> Taljić I., Memišević H.
16:00 – 16:15	<b>DIETARY SURVEY ON ADOLESCENTS, ADULTS AND PREGNANT WOMEN IN BOSNIA AND HERZEGOVINA (B&amp;H MENU) – PILOT STUDY</b> Arar K., Hajrić Dž., Brenjo D., Taljić I., Biber L.

FRIDAY - September 27

Session 1 (10:00 – 11:45)

10:00 – 11:45	Session 1: Oral presentation – Agricultural plant production Room 1
Chairman persons	Prof. Dr. Mirha Đikić Doc. dr. Jasmin Grahić
10:00 – 10:15	<b>ROOT PATHOGENS OCCURRING ON PEA (<i>PISUM SATIVUM</i>) AND FABA BEAN (<i>VICIA FABA</i>) IN GERMANY</b> Šišić A., Baćanović-Šišić J., Schmidt H., Finckh M.R.
10:15 – 10:30	<b>DISEASES OCCURRING ON <i>HORDEUM BULBOSUM</i> FIELD POPULATIONS AT BINGOL PROVINCE OF TURKEY</b> Karakaya A., Çelik Oğuz A., Saraç Sivrikaya I.
10:30 – 10:45	<b>SURVIVOR OF SOIL MICROBIAL POPULATION AFTER GLYPHOSATE APPLICATION</b> Lalević B., Hamidović S., Gavrić T., Sunulahpašić A., Borovac B., Kazlagić A., Delić M.
10:45 – 11:00	<b>CURRENT SITUATION OF RICE BLAST DISEASE IN EDIRNE, TURKEY</b> Seidi M., Karakaya A., Akın A., Çelik Oğuz A.
11:00 – 11:15	<b>PREVALENCE OF <i>BOTRYTIS CINEREA</i> IN TOMATO GREENHOUSES IN ANTALYA PROVINCE OF TURKEY AND PHENOTYPIC CHARACTERIZATION OF ISOLATES</b> Gül E., Karakaya A.
11:15 – 11:30	<b>DETERMINATION OF THE PREVALENCE OF TOMATO LEAF MOLD DISEASE IN GREENHOUSE OF BARTIN AND ZONGULDAK PROVINCES OF TURKEY</b> Gül E., Karakaya A.

## POSTER PRESENTATIONS

FRIDAY - September 27 (9:00 – 10:00)

AGRICULTURAL PLANT PRODUCTION	
01	<b>EFFECT OF BIO-STIMULATOR AND INOCULATION ON PEA YIELD (<i>PISUM SATIVUM</i> L.)</b> Filipović A., Pažin M., Ostojić I., Mandić A., Vasilj V.
02	<b>MOLECULAR AND BIOLOGICAL CHARACTERIZATION OF BLACK RASPBERRY NECROSIS VIRUS ON RED RASPBERRY IN SERBIA</b> Jevremović D., Leposavić A., Paunović S. A.
03	<b>DETERMINATION OF MICROELEMENTS IN ORGANIC AND CONVENTIONAL PRODUCED BUCKWEAT SEEDS (<i>FAGOPYRUM ESCULENTUM</i>) USING ICP-OES</b> Golijan J. M., Kostić A. Ž., Dojčinović B. P., Milinčić D. D., Pešić M. B., Barać M. B., Lekić S. S.
04	<b>EFFECTS OF ORGANIC AND CONVENTIONAL PRODUCTION OF MAIZE ON SEED VIGOUR</b> Golijan J., Jovičić D., Popović A., Lekić S.
05	<b>PHYSICAL AND CHEMICAL CHARACTERISTICS OF THE PEACH VARIETIES IN THE HERZEGOVINA AREA</b> Aliman L., Aliman J., Ercisli S., Skender A., Šukalić A., Šupljeglav Jukić A.
06	<b>THE EFFECT OF PRUNING ON FRUITING CAPACITY OF MUSCAT BLEU TABLE GRAPE VARIETY</b> Delić M., Behmen F., Sefo S., Matijašević S., Hamidović S.
07	<b>MARIGOLD (<i>CALENDULA OFFICINALIS</i> L.) AS AN ALLELOPATHIC ACTIVE CROP</b> Sjerotanović A., Đikić M., Gadžo D., Karić L., Bašić F.
08	<b>IMPACT OF CUTTING REGIME ON DRY MATTER AND CRUDE PROTEIN YIELDS IN SOWN GRASSLANDS</b> Bezdrob M., Simić A., Gavrić T., Dokso A., Rakita N., Hamidović S.
09	<b>INFLUENCE OF DIFFERENT <i>PLUM POX VIRUS</i> STRAINS ON CHEMICAL COMPOSITION OF 'ČAČANSKA LEPTICA' PLUM FRUIT CULTIVAR</b> Miletić N., Jevremović D., Mitrović O., Gvozdenović O., Pajić M.
10	<b>DETERMINATION OF SUGARS AND ORGANIC ACIDS IN PEAR FRUIT BY HPLC ANALYZE</b> Memić S., Drkenda P., Vranac A., Akagić A., Musić O.
11	<b>GENETIC CHARACTERIZATION OF AUTOCHTHONOUS VARIETIES OF LUBENIČARKA PEAR</b> Radoš Lj., Vučković B., Krmpot T., Kovačević Z.
12	<b>CHEMICAL COMPOSITION AND TOTAL PHENOLS CONTENT OF TARTARY BUCKWHEAT (<i>Fagopyrum tataricum</i> Gaertn) GROWN IN DIFFERENT VEGETATION SEASONS</b> Gavrić T., Gadžo D., Jurković J., Đikić M., Hadžić Dž., Lalević B., Hamidović S.
13	<b>THE IMPACT OF GROWING TECHNOLOGY ON YIELD OF SWEET CORN</b> Gavrić T., Omerbegović O., Karić L., Muminović Š., Gadžo D., Bezdrob M.
14	<b>OBSTACLES AND OPPORTUNITIES IN URBAN AGRICULTURE IN BOSNIA AND HERZEGOVINA</b> Glamočlija P., Karić L.
15	<b>YIELD AND PHENOL CONCENTRATIONS OF KALE MICROGREENS AUTOCHTHONOUS VARIETIES FROM REGION OF HERZEGOVINA</b> Smajić S., Glamočlija P., Zahirović Ć., Karić L.
16	<b>OPINIONS OF CITIZENS OF SARAJEVO ON THE USE OF INVASIVE ALIEN PLANT SPECIES IN HORTICULTURE</b> Avdić J., Sarajlić N., Bečić B., Murtić S., Turalija A.

AGRICULTURAL ANIMAL PRODUCTION	
17	<b>EXTERIOR CHARACTERISTICS OF DUBIAN PRAMENKA SHEEP ON AREA NORTH HERZEGOVINA</b> Dokso A., Zečević E., Rustempašić A.
18	<b>KEEL BONE DAMAGE IN LAYING HENS REARED IN ENRICHED CAGES AND AVIARY SYSTEMS</b> Đukić Stojčić M., Perić L., Spridonović S., Dedousi A., Sossidou E.
19	<b>USING OF BLACK SOLDIER FLY (<i>HERMETIA ILLUCENS</i>) LARVAE MEAL IN FISH NUTRITION</b> Čengić-Džomba S., Džomba E., Muratović S., Hadžić DŽ.
20	<b>OCCURRENCE AND CHARACTERISTICS OF DEEP PECTORAL MYOPATHY IN BROILER CHICKENS</b> Stojanović S., Žikić D., Ušćebrka G.
21	<b>BREEDING PROGRAM IN ORGANIC DAIRY CATTLE FARMING</b> Štrbac Lj., Šaran M., Čobanović K., Krstović S., Trivunović S.
22	<b>BLOOD ACID-BASE BALANCE OF ISTRIAN GOATS</b> Antunović Z., Klir Ž., Šerić V., Zmaić K., Novoselec J.
23	<b>ANALYSIS OF SLEEPING BEHAVIOUR IN DAIRY COWS</b> Gavran M., Mijić P., Steiner Z., Gantner V.
24	<b>DAIRY CATTLE WELFARE IN TERMS OF HEAT STRESS</b> Gavran M., Mijić P., Đidara M., Gantner V.
25	<b>THE EFFECT OF HORSE AGE AND COMPETITIVE SEASON ON STRESS INDICATORS IN JUMPING HORSES IN RUNNING TRACK</b> Gregić M., Baban M., Mijić P., Bobić T., Dokić D., Brka M., Gantner V.
26	<b>T-STANDPOINT ASSISTS THE BIRD PREDATION OVER FIELD RODENTS IN LUCERNE</b> Simunić A. M., Gantner R., Bošković I., Bukvić G., Gantner V.
27	<b>THE EFFECT OF DIETARY SUPPLEMENTATION OF RUMEN PROTECTED GLUCOSE ON METABOLIC PARAMETERS AND MILK QUALITY IN DAIRY COWS</b> Benak S., Đidara M., Gantner V., Šperanda M.
28	<b>APPLICATION OF ESSENTIAL OILS AND PROBIOTICS IN CALF FEEDING</b> Steiner Z., Ronta M., Gantner V., Gavran M., Novoselec J., Klir Ž., Mamić F.

AGRICULTURAL ECONOMICS	
29	<b>ENTREPRENEURIAL EDUCATION SKILLS IN URBAN AGRICULTURE OF BOSNIA AND HERZEGOVINA</b> Mujčinović A., Čadro S., Uzunović M., Makaš M., Glamočlija P., Drkenda P.
30	<b>THE ROLE OF INTERNATIONAL TRADE IN THE CREATION OF THE SUSTAINABILITY OF AGRICULTURAL PRODUCTION - COMPARATIVE PRESENTATION OF THE FORMER YUGOSLAVIA</b> Dokić D., Gregić M., Brka M., Gantner V.
31	<b>ANALYSIS OF CATTLE PRODUCTION IN OSIJEK-BARANJA COUNTY USING THE COBB-DOUGLAS MODEL</b> Dokić D., Gregić M., Gavran M., Brka M., Gantner V.

FOOD TECHNOLOGY	
32	<b>CONTENT AND NUTRITIONAL VALUE OF SELECTED BIOGENIC ELEMENTS IN MONOFLORAL SUNFLOWER BEE-COLLECTED POLLEN FROM SERBIA</b> Kostić A. Ž.
33	<b>THE IMPACT OF THE PRODUCTION METHOD ON THE QUALITY OF MARINATED GARLIC</b> Akagić A., Bašić A., Đuderija A., Kadić B., Karaman A., Lagumdžija A., Mulagić A., Vražalica A.
34	<b>THE MONOMERIC ANTHOCYANIN AND TOTAL FLAVONOIDS CONTENT OF THE FRESH, OVEN-DRIED AND LYOPHILIZED GRAPE SKIN AFTER THE VINIFICATION PROCESS</b> Milinčić D., Popović D., Kostić A., Barać M., Pešić M.
35	<b>THE TOTAL PHENOLIC CONTENT OF ALCOHOLIC MEDIUMS ENRICHED WITH INONOTUS OBLIQUUS</b>



	<b>MUSHROOM</b> Popović D., Milinčić D., Nikšić M., Nikićević N., Klaus A.
36	<b>ANALYSIS OF GLYCEMIC INDEX LOAD OF RASPBERRY JAM</b> Veladžić M., Šertović E., Veladžić N., Smajić S., Beganović E.
37	<b>FERMENTATION OF COW'S MILK AND SOY MILK MIXTURE WITH <i>L. acidophilus</i> PROBIOTIC BACTERIA WITH YOGHURT CULTURE</b> Šertović E., Sarić Z., Božanić R., Barać M., Barukčić I., Kostić A.
38	<b>DETERMINATION OF ANTIOXIDANT AND HEAVY METALS IN COLD-PRESSED EDIBLE OILS</b> Nezirević-Nizić E., Čorbo S., Podrug S., Begić M.
39	<b>DETERMINATION OF AFLATOXIN M1 IN RAW MILK BY THE ELISA METHOD IN THE UNA-SANA CANTON</b> Jukić H., Dedić S., Rodić M., Jusufhodžić Z., Demirović D.
40	<b>QUANTIFICATION OF TOXIC AND POTENTIALLY TOXIC ELEMENTS IN VEGETABLES BY MEANS OF ICP-OES AND HEALTH RISK ASSESSMENT</b> Miljković I., Popović-Đorđević J., Rajković M. B., Kostić A. Ž., Popović B., Brčeski I.
41	<b>DEVELOPMENT AND IN-HOUSE VALIDATION OF HACH SPECTROPHOTOMETRY METHOD FOR DETERMINATION OF PHOSPHORIC ACID IN COLA BEVERAGES</b> Jesenković-Habul L., Čustović A., Dizdarević S.
42	<b>PHENOL CONTENT AND ANTIOXIDANT ACTIVITY OF DIFFERENT BLUEBERRY SPECIES FROM PROZOR REGION</b> Kazazić M., Aliman J., Đogić S., Đapo-Lavić M.
43	<b>BIOLOGICAL ACTIVITY AND NUTRITIONAL POTENTIAL OF <i>RUMEX CRISPUS</i> L. AND <i>RUMEX OBTUSIFOLIUS</i> L.</b> Bektašević M., Oraščanin M., Šertović E.
44	<b>ANALYSIS OF THE FAT SUBSTITUTION IN BISCUIT TYPE COOKIES BY THE ADDITION OF INULIN</b> Veladžić M., Jahić S., Džaferović A.
45	<b>FATTY ACID COMPOSITION AND STABILITY OF COLD-PRESSED VEGETABLE OILS</b> Begić M., Nezirević-Nizić E., Čorbo S., Podrug S., Ašimović Z., Muminović Š.
46	<b>ASSESSMENT OF BOILING WATER IN THE OPEN SYSTEM IN THE PROCESS OF WATER PURIFICATION</b> Jamaković N.
47	<b>INFLUENCE OF ALCOHOL CONTENT IN INTIAL DISTILLATE ON DISTRIBUTION OF METHANOL AND HIGHER ALCOHOLS DURING REDESTILATIONS</b> Jamaković N., Spaho N.
48	<b>COMPOSITION OF SUNFLOWER SEEDS OF CONFECTIONERY NS HYBRIDS GROWN IN SMALL PLOT TRIALS IN SERBIA</b> Romanić R., Lužaić T., Grahovac N., Hladni N., Kravić S., Stojanović Z.
49	<b>CHANGES OF QUALITY PARAMETERS DURING FRYING OF ČEVAPI PRODUCED WITH DIFFERENT PRODUCTION TECHNOLOGIES</b> Operta S., Alijagić B.
50	<b>CHEMICAL COMPOSITION AND TECHNOLOGICAL PROPERTIES OF CHICKEN MEAT OF DIFFERENT COMMERCIAL BRANDS AVAILABLE IN SALE FACILITIES IN SARAJEVO</b> Operta S., Omerović E.
51	<b>EVALUATION OF MICROBIOLOGICAL PARAMETERS OF DRINKING WATER FROM THE DOBRENICA WATER SUPPLY SYSTEM IN OSTROŽAC NA UNI</b> Dedić S., Jukić H., Džaferović A., Rodić M., Jusufhodžić Z.
52	<b>THE CONTENT OF POLYPHENOLS IN THE SAMPLES OF DARK CHOCOLATE ON THE SERBIAN MARKET</b> Jaćimović S., Kostić A. Ž., Pantelić N.



53	<b>DYNAMICS OF MICROBIAL POPULATIONS ACTIVITIES AFTER THE APPLICATION OF NICOSULFURON</b> Hamidović S., Lalević B., Borovac B., Kazlagić A., Haseljić S., Raičević V., Đikić M.
54	<b>METAL CONTENT IN HONEY WITH DIFFERENT COLORING FROM INDUSTRIAL AREAS OF BOSNIA AND HERZEGOVINA</b> Jurković J., Ploskić M., Murtić S., Gavrić T., Biber L., Omanović-Miklićanin E., Kazlagić A.

INNOVATIVE TECHNOLOGIES IN AGRICULTURE AND FOOD INDUSTRY	
55	<b>EFFECTS OF STABILIZING AGENT ON THE GREEN SYNTHESIZED SILVER NANOPARTICLES AND ITS ANTIMICROBIAL ACTIVITY STUDIES</b> Kazlagić A., Mršo E., Ali Abud O., Borovac B., Hamidović S., Omanović-Miklićanin E.
56	<b>GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES USING FRESH LEAF EXTRACT OF <i>Aloe vera barbadensis</i> Miller, <i>Aloe vera</i> AND <i>Sempervivum tectorum</i> AND ITS ANTIMICROBIAL ACTIVITY STUDIES</b> Kazlagić A., Lagumdžija A., Ali Abud O., Borovac B., Hamidović S., Omanović-Miklićanin E.
57	<b>APPLICATION AND IMPACT OF NANOTECHNOLOGY IN SPORT</b> Ćibo M., Šator A., Kazlagić A., Omanović-Miklićanin E.