

AGRO 2016 sym



**Faculty of Agriculture
University of East Sarajevo**



Republic of Srpska
Bosnia and Herzegovina

**CIHEAM - Mediterranean
Agronomic Institute of
Bari (CIHEAM - IAMB)**



Italy

**Faculty of Agriculture
University of Belgrade**



Serbia

in collaboration with



Jahorina, 06-09 October 2016, Bosnia and Herzegovina

SYMPOSIUM PROGRAMME

VII International Scientific Agriculture Symposium "Agrosym 2016"
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SCIENTIFIC COMMITTEE

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Prof. dr Nicolae Istudor, full professor, Academy of Economic Studies, Bucharest, Romania
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Prof. dr Sabahudin Bajramovic, Faculty of Agriculture and Food Sciences, University of Sarajevo, Bosnia
Prof. dr Francesco Porcelli, University of Bari Aldo Moro, Italy
Prof. dr Vasilije Isajev, Faculty of Forestry, University of Belgrade, Serbia
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Prof. dr Junaid Alam Memon, Pakistan Institute of Development Economics, Pakistan
Prof. dr Hiromu Okazawa, Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan
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Dr. Abid Hussain, International Centre for Integrated Mountain Development (ICIMOD), Nepal
Dr. Amrita Ghatak, Gujarat Institute of Development Research (GIDR), India
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Prof. dr Zeljko Dolijanovic, Faculty of Agriculture, University of Belgrade, Serbia
Dr Dobrivoj Poštić, Institute for plant protection and environment, Belgrade, Serbia

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MSc. Milena Stankovic, Faculty of Agriculture, University of East Sarajevo, Bosnia
MSc. Stefan Stjepanovic, Faculty of Agriculture, University of East Sarajevo, Bosnia
Mr Stefan Bojic, Faculty of Agriculture, University of East Sarajevo, Bosnia
Dr. Sinisa Berjan, Faculty of Agriculture, University of East Sarajevo, Bosnia, **General secretary**

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Thursday, October 6th, 2016
Conference Hall (Hotel Termag)

08:00 - 18:00 - **REGISTRATION**

14:00 - 15:00 - **SYMPOSIUM OPENING CEREMONY**

Representative of the Ministry of Agriculture, Forestry and Water Management of Republic of Srpska
Representative of the Ministry of Science and Technology of Republic of Srpska
Representative of the Ministry of Education and Culture of Republic of Srpska
Prof. dr Radoslav Grujic - Rector of the University of East Sarajevo
Prof. dr Dusan Kovacevic - President of the Scientific Committee
Prof. dr Vesna Milic - President of the Organizing Committee
Representative of the Mediterranean Agronomic Institute of Bari (IAMB), Italy
Prof. dr Dieter Trautz - International Society of Environmental and Rural Development (ISERD), Japan
Representative of South eastern Europe Advisory Service Network

15:00 - 15:40 - **COCKTAIL**

15:40 - 17:00 KEYNOTE PAPERS

Working committee

Chairman: Hamid El Bilali, Steve QUARIE, Alexey LUKIN

15:40 - 16:00 - **HI-TECH IN ORGANIC FARMING: VISION OR REALITY?**
Dieter TRAUTZ

16:00 - 16:20 - **INTERNATIONAL COOPERATION IN AGRICULTURAL AND RURAL DEVELOPMENT IN THE MEDITERRANEAN: ACHIEVEMENTS AND CHALLENGES**
Biagio Di TERLIZZI

16:20 - 16:40 - **ORGANIC MANAGEMENT OF SOIL FERTILITY UNDER ARID CONDITIONS**
Lahcen KENNY

16:40 - 17:00 - **GLOBAL CLIMATE CHANGE AND FORESTRY**
Michal V. MAREK

17:30 - 18:00 - **DISCUSSION**

20:00 - **DINNER AT HOTEL AND ENTERTAINMENT EVENING**

Friday, October 7th, 2016
Conference Hall C (Hotel Termag)

PLANT PRODUCTION 1a

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Vlado KOVACEVIC, Aleksandar SIMIC

08:30 - 08:50 **PLANT BREEDER'S RIGHTS AND ITS IMPACT**, Raoul HAEGENS, Laura PIÑÁN GONZÁLEZ - **SESSION INTRODUCTORY PAPER**

08:50 - 09:00 **DISCUSSION**

09:00 - 09:10 **WATER PRODUCTIVITY OF MAIZE GROWN UNDER DIFFERENT IRRIGATION REGIMES IN VOJVODINA (SERBIA)**, Branka KRESOVIĆ, Boško GAJIĆ, Angelina TAPANAROVA, Ljubomir ŽIVOTIĆ – **SESSION INTRODUCTORY PAPER**

09:10 - 09:20 **EXPLOITING PROGRESS IN SEQUENCING THE WHEAT GENOME TO LOCATE CANDIDATE GENES FOR YIELD UNDER STRESSED CONDITIONS**, Steve QUARRIE, Dejan DODIG, Ilona CZYCYŁO-MYSZA, Ilinka PEĆINAR, Dragana RANČIĆ

09:20 - 09:30 **VARIATION IN FINAL LEAF NUMBER IN WINTER BARLEY (*Hordeum vulgare* L.)**, Vojislava MOMČILOVIĆ, Milan MIROSAVLJEVIĆ, Vesna MILIĆ, Miloš NOŽINIĆ, Novo PRŽULJ

09:30 - 09:40 **WEATHER CONDITIONS IN THE 2013 -2015 GROWING SEASONS FOR MAIZE IN CROATIA AND BOSNIA AND HERZEGOVINA**, Vlado KOVACEVIC, Vojo RADIC, Dario ILJKIC, Jurica JOVIC, Meho MAJDANCIC

09:40 - 09:50 **ENERGY AND ECONOMIC ASSESMENT IN TILLAGE AND SOWING FOR ROTAVATORS, CONVENTIONAL AND NO-TILL WHEAT ESTABLISHMENT**, Triveni Prasad SINGH

09:50 - 10:00 **EVALUATION OF THE EFFECTS OF PARTIAL ROOT ZONE DRYING IRRIGATION ON CORN YIELD AND YIELD COMPONENTS**, Mahmoud RAEINI-SARJAZ, Mohammad HOSSEINI, Ali SHAHNAZARI

10:00 - 10:15 **DISCUSSION**

10:15 - 10:30 **PAUSE**

Working committee

Chairman: Novo PRZULJ

10:30 - 10:40 **PERFORMANCE OF SOYBEAN (*Glycine max* L.) INFLUENCED BY DIFFERENT RATES AND SOURCES OF PHOSPHORUS FERTILIZER IN SOUTH-WEST NIGERIA**, Amudalat OLANIYAN, Enoobong UDO, Ayodeji AFOLAMI

10:40 - 10:50 **WATER STRESS INDUCED ANTIOXIDANT DEFENSIVE MECHANISM IN PAKISTANI WHEAT (*Triticum aestivum* L.) GENOTYPES**, Abdul QAYYUM, Yamin BIBI, Ayaz MEHMOOD, Waseem AHMED, Ahmad SHER, Abid FARID

10:50 - 11:00 **MORPHOLOGICAL CHARACTERIZATION AND ESTIMATION OF G_xE OF INDIGENOUS BUCKWHEAT GERMPLASM FROM GILGIT BALTISTAN PAKISTAN**, Zakir H. FACHO, FARHATULLAH, Iftikhar Hussain KHALIL, Naqib Ullah KHAN, Sajid ALI

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11:00 - 11:10 ACCUMULATION OF NPK AND S BY WINTER OILSEED RAPE DEPENDING ON FERTILIZATION LEVEL AND BIOSTIMULANT APPLICATION, Małgorzata SZCZEPANEK, Anetta SIWIK-ZIOMEK

11:10 - 11:20 ECOLOGICALLY BASED DISEASE MANAGEMENT TECHNIQUES IN BARLEY CULTIVATION IN THE CENTRAL BLACK SOIL REGION, Alexey LUKIN, Alexander YEPRINTSEV, Dmitry FEDORIN, Olga MARAEVA, Sergey SELYAVKIN

11:20 - 11:30 CEREALS SEED LIFECYCLE, Sergej V. GONCHAROV

11:30 - 11:45 DISCUSSION

11:45 - 12:00 COFFEE BREAK

Working committee

Chairman: Novo PRZULJ

12:00 - 12:10 DETERMINATION OF YIELD AND SOME PLANT CHARACTERISTICS IN SOME SILAGE CORN VARIETIES, Bilal KESKİN, İ. Hakkı YILMAZ, Süleyman TEMEL, Barış EREN

12:10 - 12:20 EVALUATION OF SOME SESAME (*Sesamum indicum* L.) VARIETIES' PERFORMANCES UNDER MICRO-CLIMATE CONDITIONS OF IGDİR-TURKEY, Tamer ERYIGIT, Ali Rahmi KAYA, Murat TUNCTURK, Resit ALDEMİR, Bunyamin YILDIRIM

12:20 - 12:30 GENETIC VARIABILITY OF THE CEREAL (POACEAE) GERmplasm COLLECTION MONITORED BY PROTEIN AND MOLECULAR MARKERS, Miodrag DIMITRIJEVIĆ, Sofija PETROVIĆ, Borislav BANJAC, Goran BARAĆ, Aleksandra YURIEVNA DRAGOVIĆ, Alexander MIHAILOVICH KUDRYAVTSEV, Desimir KNEŽEVIĆ

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:00 Lunch Break

Working committee

Chairman: Snezana MLADENOVIC DRINIC, Zeljko DOLIJANOVIC

15:30 - 15:40 EFFECTS OF FERTILIZERS ON YIELD OF MAIZE HYBRIDS WITH DIFFERENT KERNEL COLOUR, Snežana OLJAČA, Milena SIMIĆ, Vesna DRAGIČEVIĆ, Željko DOLIJANOVIC, Jasmina OLJAČA

15:40 - 15:50 SELECTION OF WHEAT SUPERIOR GENETIC VARIATION FOR GROWING IN HALOMORPHIC SOIL CONDITIONS, Sofija PETROVIĆ, Miodrag DIMITRIJEVIĆ, Borislav BANJAC, Velimir MLADENOV

15:50 - 16:00 EFFECT OF DIFFERENT HARVESTING TIMES TO YIELD AND EAR CHARACTERISTICS OF BABY CORN OBTAINED FROM SWEET CORN, Abdullah ÖKTEM, Ayşe Gülgün ÖKTEM

16:00 - 16:10 EFFECTS OF GROWING CONDITIONS ON CROSSING SUCCESS IN DIFFERENT POTATO (*Solanum tuberosum* L.) CROSSES, Güngör YILMAZ, Ahmet KINAY, Nejdet KANDEMİR, Şaziye DÖKÜLEN

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16:10 - 16:20 DETERMINATION OF YIELD AND YIELD CHARACTERISTICS OF SOME SMALL SIZED RED LENTIL LINES (*Lens culinaris* Medik.) IN F5 AND F6 LEVEL, Ayşe Gülgün ÖKTEM, Abdullah ÖKTEM

16:20 - 16:30 DETERMINATION OF YIELD AND SOME PLANT FEATURES OF GRAIN CORN VARIETIES, Barış EREN, Bilal KESKİN, İbrahim H. YILMAZ, Bahattin KARAKUŞ

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairman: Dieter TRAUTZ

17:00 - 17:10 THE EFFECTS OF SEED PRIMING AND NITROGEN DOSES ON SEEDLING GROWTH TRAITS OF BREAD WHEAT (*TRITICUM AESTIVUM* L.) VARIETIES, Bekir ATAR, Zekeriya AKMAN

17:10 - 17:20 WATER-YIELD RELATIONS OF MAIZE IN SEMIARID CLIMATE CONDITIONS, Borivoj PEJIĆ, Ksenija MAČKIĆ, Vladimir SIKORA, Livija MAKSIMOVIĆ, Jan BOČANSKI, Ivica DJALOVIĆ

17:20 - 17:30 INVESTIGATION OF THE ROLE OF GLYCINEBETAINE TO IMPROVE CHILLING TOLERANCE IN CHICKPEA (*Cicer arietinum* L.), Erkut PEKŞEN, Tariq AZIZ

17:30 - 17:40 EVALUATION OF SOME SPRING BARLEY (*HORDEUM VULGARE* L.) GENOTYPES IN TERMS OF YIELD AND QUALITY, Erol ORAL, Enver KENDAL, Yusuf DOĞAN

17:40 - 17:50 DETERMINING THE PRODUCTION AMOUNT OF LEAF TOBACCO USING GOAL PROGRAMMING, Altay Uğur GÜL, Funda GENCLER

17:50 - 18:00 DISCUSSION

18:00 - 18:10 PAUSE

18:10 - 18:40 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 7th, 2016
Conference Hall D (Hotel Termag)

PLANT PRODUCTION 1b

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Alexey LUKIN, Desimir KNEZEVIC

09:00 - 09:10 BIOCONTROL OF MELOIDOGYNE INCOGNITA IN TOMATO BY RHIZOBACTERIA AS RESISTANCE INDUCERS, AMIN W. AMIN, ALSAIED A. ANTER, AZA H. ASHOUB, AHMED S. AL-NUBY

09:10 - 09:20 PRODUCTIVITY AND MORPHOLOGICAL FEATURES OF GARLIC (ALLIUM SATIVUM L.) GROWN IN LITHUANIA, Danguolė JUŠKEVIČIENĖ, Rasa KARKLELIENĖ, Audrius RADZEVIČIUS, Audrius SASNAUSKAS

09:20 - 09:30 COMBINED CULTIVATION OF EDDIBLE MUSHROOMS AND VEGETABLES, Agnieszka JASIŃSKA, Ewelina WOJCIECHOWSKA, Ketil STOKNES, Katarzyna KRAJEWSKA

09:30 - 09:40 THE ROLE OF PACLOBUTRAZOL ON SEEDLING QUALITY OF CUCUMBER, Ayşegül DURUKAN, Naif GEBOLOĞLU, Sevtap DOKSÖZ BONCUKÇU

09:40 - 09:50 IN VITRO SHOOT AND ROOT REGENERATION IN ERCIS CABBAGE (BRASSICA OLERACEAE VAR. CAPITATA), Ferit ERTAŞ, Burcu TUNCER

09:50 - 10:00 MUTUAL EFFECTS OF BORON AND POTASSIUM ON THE YIELD AND CHEMICAL COMPOSITION OF LETTUCE (LACTUCA SATIVA L.), Halil SAMET, Yakup ÇIKILI

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairman: Snezana OLJACA, Aleksey LUKIN

10:30 - 10:40 TESTING PRODUCT AND PRICE RELATIONS IN THE COBWEB THEORY USING ALMON MODEL: DRY ONION FOR TURKEY, Mehmet Arif Şahinli, Ahmet Özçelik

10:40 - 10:50 INTERACTION BETWEEN GENOTYPE, SUCROSE AND EMBRYOGENESIS IN ANther CULTURE OF EGGPLANT, Naif GEBOLOĞLU, Sevtap DOKSÖZ BONCUKÇU

10:50 - 11:00 PROHEXADIONE-CALCIUM AFFECTS VEGETATIVE GROWTH AND YIELD OF PEPPER, Nusret ÖZBAY, Recai METİN

11:00 - 11:10 EFFECTS ON SOME PLANT GROWTH PARAMETERS OF GA3 APPLICATIONS IN PEPPER PLANTS UNDER SALT STRESS, Ozlem UZAL, Fikret YASAR

11:10 - 11:20 EFFECT OF STRESS CONDITIONS, PLANT GROWTH REGULATORS, GENOTYPE AND MEDIA ON ANDROGENIC PERFORMANCE OF EGGPLANT, Sevtap DOKSÖZ BONCUKÇU, Naif GEBOLOĞLU

11:20 - 11:30 GROWING POSSIBILITIES OF FORAGE RAPE WITH SOME ANNUAL CROPS, Zeki ACAR, Suleyman ZEYBEK

11:30 - 11:45 DISCUSSION

11:45 - 12:00 COFFEE BREAK

Working committee

Chairman: Sergey GONCHAROV

12:00 - 12:10 AGRONOMIC EVALUATION OF SOME PERENNIAL GRASS CULTIVARS IN ALGERIAN SEMI-ARID CONDITIONS, Mohamed MEFTI, Hamena BOUZERZOUR, Abderrezak CHEBOUTI, Aissa ABEDLEGUERFI

12:10 - 12:20 DETERMINATION OF PROPAGATION PERFORMANCE FROM SEEDS IN RHODODENDRON SPECIES, Bahadır ALTUN, Hüseyin ÇELİK

12:20 - 12:30 EVALUATION OF SEED AND OIL YIELD WITH SOME YIELD COMPONENTS OF SAFFLOWER VARIETIES IN KAHRAMANMARAS (TURKEY) CONDITIONS, Fatih KILLI, Yeter KANAR, Fatih TEKELI

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:00 Lunch Break

Working committee

Chairman: Miodrag DIMITRIJEVIC, Sofija PETROVIC

15:30 - 15:40 CHARACTERISATION OF ECONOMICALLY IMPORTANT MEDICINAL AND AROMATIC PLANTS BELONGING TO THE LAMIACEAE FAMILY DISTRIBUTED IN THE RIZE PROVINCE, TURKEY, Emine YURTERI, Fatih SEYİS, Kudret KEVSEROĞLU, Hüseyin BAYKAL, Yusuf ŞAĞSATLI, M. İkbal ÇATAL

15:40 - 15:50 DETERMINATION OF GENOTYPE X ENVIRONMENT INTERACTIONS OF SOME AGRONOMIC CHARACTERS OF COWPEA (*Vigna unguiculata* L.), Hatice BOZOĞLU, Reyhan KARAYEL, Nurdoğan TOPAL, Gülbahar ÇULHA

15:50 - 16:00 EFFECTS OF DIFFERENT NITROGEN AND PHOSPHOROUS DOSES ON MOENCH PLANT (*Echinacea purpurea* L.) PROPERTIES, Hüseyin KOÇ

16:00 - 16:10 EFFECT OF ESSENTIAL OIL AND EXTRACTS OF ROSEMARY ON THE STABILITY OF FRYING OIL, Ebru Sandal Tanriverdi, Mehmet Musa Özcan, Fahad Al-Juhaimi

16:10 - 16:20 DRY MATTER YIELD AND FORAGE QUALITY OF PROMISING BITTER VETCH (*VICIA ERVILIA* (L.) WILLD.) LINES, Mehmet Salih SAYAR

16:20 - 16:30 ADDITIVE MAIN EFFECTS AND MULTIPLICATIVE INTERACTIONS (AMMI) ANALYSIS FOR FRESH FORAGE YIELD IN COMMON VETCH (*VICIA SATIVA* L.) GENOTYPES, Mehmet Salih SAYAR

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

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Chairman: Naser SABAGHINIA, Dusan KOVACEVIC

17:00 - 17:10 IDENTIFICATION OF AGRICULTURAL CHARACTERISTICS OF CERTAIN LINES AND SPECIES OF GRASS PEA IN KAHRAMANMARAS CONDITIONS TURKEY, Ömer Süha USLU, Adem EROL, Gökhan Osman CENGİZ

17:10 - 17:20 KARYOLOGICAL INVESTIGATIONS ON SOME NIGELLA L. SPECIES, Osman GEDİK, Ömer Süha USLU, Ali Rahmi KAYA, Adem EROL

17:20 - 17:30 FORAGE YIELD AND QUALITY PERFORMANCE OF HUNGARIAN VETCH AND ANNUAL RYEGRASS MIXTURES UNDER DRY LAND CONDITIONS, Süleyman ŞİMŞEK, Tamer YAVUZ

17:30 - 17:40 VARIATION IN Digitalis ferruginea L. MULTIPLICATED WITH SEED UNDER THE PROVINCE RIZE CONDITIONS IN TURKEY, Yusuf SAVSATLI, Muhammed İkbal CATAL, Fatih SEYİS

17:40 - 17:50 DISCUSSION

17:50 - 18:00 PAUSE

18:00 - 18:30 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 7th, 2016
Conference Hall A (Hotel Termag)

PLANT PROTECTION AND FOOD SAFETY

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Sanja RADONJIC, Dejana TESANOVIC

08:30 - 08:40 ANTIFUNGAL ACTIVITY OF SISYMBRIUM SOPHIA EXTRACTS AGAINST PHYTOPATHOGENIC FUNGI, Yusuf BAYAN

08:40 - 08:50 HOST PREFERENCE OF GASTROPHYSA POLYGONI L. (COLEOPTERA: CHRYSOMELIDAE), Turgut ATAY, Hüseyin ÖNEN

08:50 - 09:00 INTEGRATED PEST MANAGEMENT OF THE TOMATO LEAF MINER, TUTA ABSOLUTA (MEYRICK) (LEPIDOPTERA: GELECHIIDAE) IN TOMATO FIELDS IN EGYPT, Goda, N. F., El-Heneidy, A. H., Djelouah K., Hassan N.

09:00 - 09:10 SUSCEPTIBILITY OF ONION THRIPS, Thrips tabaci LINDEMAN (THYSANOPTERA: THIRIPIDAE) TO OLD AND NEW GENERATION OF SPINOSYN PRODUCTS UNDER LABORATORY CONDITIONS, Sobhy. A. TEMERAK

09:10 - 09:20 SPATIAL AND TEMPORAL VARIABILITY OF NECROPHAGOUS DIPTERA IN AL-BALQA REGION IN JORDAN, Hazem S. HASAN

09:20 - 09:30 BIOLOGICAL STUDIES ON THE AFRICAN FIG FLY, ZAPRIONUS INDIANUS GUPTA (DIPTERA: DROSOPHILIDAE), Amani ALAWAMLEH, Ahmad KATBEH-BADER, Naim HASSAN, Ibrahim AL-JBOORY, Anna Maria D'ONGHIA

09:30 - 09:40 SEASONAL VARIATIONS IN ABUNDANCE AND FLIGHT ACTIVITY OF THE HAIRY ROSE BEETLE, TROPINOTA SQUALIDA (SCOPOLI) IN APPLE AND CHERRY ORCHARDS AND ITS RELATION TO FLOWERING IN SOUTHERN JORDAN, Mazen A. Ateyyat, Mohmmad Al-alawi

09:40 - 09:50 ANTITERMITIC ACTIVITIES OF PINUS ROXBURGHII WOOD EXTRACTIVES AGAINST HETEROTERMES INDICOLA (WASMANN) (ISOPTERA: RHINOTERMITIDAE), Babar HASSAN, Sohail AHMED, Muhammad MISBAH-UL-HAQ, Mark E. MANKOWSKI, Nasir MEHMOOD

09:50 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairman: Sanja RADONJIC, Dejana TESANOVIC

10:30 - 10:40 LEVEL OF LARVAL ATTACK ON MAIZE ROOTS AS A CONSEQUENCE OF ARTIFICIAL INFESTATION WITH WESTERN CORN ROOTWORM EGGS, Snežana TANASKOVIĆ, Branka POPOVIĆ, Sonja GVOZDENAC, Zsolt KARPÁTI, Csengele BÓGNAR, Matthias ERB

10:40 - 10:50 SEQUENCE ANALYSIS OF INSECTICIDE RESISTANCE AND DETOXIFICATION RELATED GENES IN Spodoptera littoralis (LEPIDOPTERA: NOCTUIDAE), Nurper GUZ, Asli DAGERI

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10:50 - 11:00 THE SOLUTION OFFERS OF ENTOMOLOGICAL PROBLEMS OF CEREALS IN TURKISH REPUBLIC OF NORTHERN CYPRUS, Ayda KONUKSAL, Celalettin GÖZÜAÇIK, Mustafa GÜLLÜ, Hakan HEKİMHAN, Ercan AKERZURUMLU, Cem KARACA

11:00 - 11:10 THE EFFICACY OF SOME ESSENTIAL OIL COMPONENTS AGAINST CONFUSED FLOUR BEETLE, TRIBOLIUM CONFUSUM DUVAL. (COLEOPTERA: TENEBRIONIDAE) AT DIFFERENT TEMPERATURES, Özgür SAĞLAM, Nihal ÖZDER

11:10 - 11:20 DEMOGRAPHY OF PANONYCHUS ULMI (KOCH) ON TWO APPE VARIETIES, İsmail KASAP, Remzi ATLIHAN

11:20 - 11:30 CHECKLIST OF THE APHIDOPHAGOUS GENUS PARAGUS LATREILLE, 1804 (DIPTERA: SYRPHIDAE) WITH A NEW RECORD FOR TURKEY, Rüstem HAYAT, Ozan DEMİRÖZER, Ante VUJIC, Azime UZAL, Asiye UZUN, Celalettin GÖK

11:30 - 11:45 DISCUSSION

11:45 - 12:00 COFFEE BREAK

Working committee

Chairman: Snezana TANASKOVIC

12:00 - 12:10 COMPARATION OF RESISTANCE AND BIOCHEMICAL MECHANISM OF WHITEFLY Bemisia tabaci (GENN) (HEMIPTERA: ALEYRODIDAE) BIOTYPES, WITH PYRIPROXYFEN SELECTION, Utku YÜKSELBABA, Hüseyin GÖÇMEN

12:10 - 12:20 UNDERSTANDING THE EFFECTS OF ISOTHIOCYANATES AND BIOFUMIGATION ON POTATO CYST NEMATODES (PCN), Claire WOOD, David KENYON, Julia COOPER, Anthony BARKER

12:20 - 12:30 DETERMINATION OF POPULATION DENSITY AND DAMAGE RATES OF MEDITERRANEAN FRUIT FLY, Ceratitis capitata (Wiedemann) (DIPTERA: TEPHRITIDAE) IN PERSIMMON ORCHARDS IN TURKEY, Gamze KILIÇ, Nihat DEMİREL

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:00 Lunch Break

Working committee

Chairman: Sanja LAZIC, Dragana SUNJKA

15:30 - 15:40 INVESTIGATION ON TOMATO SPOTTED WILT VIRUS INFECTING PEPPER PLANTS IN HUNGARY, Asztéria ALMÁSI, Gábor CSILLÉRY, Katalin SALÁNKI, Katalin NEMES, László PALKOVICS, István TÓBIÁS

15:40 - 15:50 ANTIFUNGAL ACTIVITIES OF PLANT EXTRACTS AGAINST COLLETOTRICHUM GLEOSPORIOIDES, THE CAUSATIVE AGENT OF ANTHRACNOSE DISEASE OF MANGO FRUIT, Zakaria A. M. BAKA

15:50 - 16:00 INTROGRESS OF FOC 4 QTL LOCUS TO DEVELOP "SUPER ANNIGERI-1" CHICKPEA VARIETY RESISTANT TO FUSARIUM WILT THROUGH MABC, D. M. MANNUR, S. B. YERI, M. MAHIBOBSA, I. SHANKERGOUDA, Mahendra THUDI, R. K. VARSHNEY, P. M. GAUR3AND S. K. Jayalakshmi

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16:00 - 16:10 HAZELNUT KERNEL DEFECTS AND ASSOCIATED FUNGI IN THREE PROVINCES IN TURKEY, Arzu SEZER, Fatma Sara DOLAR

16:10 - 16:20 IMPORTANT FUNGAL DISEASE PROBLEMS OF CEREAL PRODUCTION AREAS IN TURKISH REPUBLIC OF NORTHERN CYPRUS AND SOLUTION OFFERS, Hakan HEKİMHAŇ, Ayda KONUKSAL, Hakan FİDAN, Celalettin GÖZÜAÇIK, Mustafa GÜLLÜ, Reşat DEĞİRMENÇİ, Ercan AKERZURUMLU

16:20 - 16:30 PHYSICO-CHEMICAL RESPONSES OF APPLE CULTIVARS AGAINST PENICILLIUM EXPANSUM, THE CAUSE OF BLUE MOLD DISEASE, Murat DIKİLİTAS, İbrahim BOLAT, Ugur ABAY, Sema KARAKAS

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairman: Eligio MALUSA

17:00 - 17:10 A NEW BACTERIAL ENDOSYMBIONT OF SUNN PEST, EURYGASTER INTEGRICEPS, Nurper GUZ

17:10 - 17:20 SCREENING OF SOME CUCURBITS CULTIVARS FOR TOLERANCE TO BACTERIAL FRUIT BLOTCH PATHOGEN ACIDOVORAX CITRULLI IN TURKEY, Nursen USTUN, Nezih ARSLAN

17:20 - 17:30 TOMATO MUTANTS CONTROL RESISTANCE TO BACTERIAL CANKER AND WILTING DISEASE, Ozer CALIS, Deniz KARABULUT, Halil KARAKAS, Ferhat OZDEMİR

17:30 - 17:40 PRESENCE OF EMERGING ISOLATE OF WATERMELON MOSAIC VIRUS (WMV) FROM ANKARA PROVINCE IN TURKEY, Serife TOPKAYA, Cecile DESBIEZ

17:40 - 17:50 DISCUSSION

17:50 - 18:00 PAUSE

18:00 - 18:30 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 7th, 2016
Conference Hall E (Hotel Vucko)

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Steve QUARRIE

09:00 - 09:10 ION-SITE AND OFF-SITE EFFECTS OF LAND DEGRADATION IN ALBANIA, Gazmend ZENELI, Semiha LOCA, Abdulla DIKU, Albana LILA

09:10 - 09:20 LOTUS spp: BIOTECHNOLOGICAL STRATEGIES TO IMPROVE THE BIOECONOMY OF LOWLANDS IN THE SALADO RIVER BASIN (ARGENTINA), Cristian J. ANTONELLI, Pablo I. CALZADILLA, Francisco J. ESCARAY, María F. BABUIN, María P. CAMPESTRE, Rubén ROCCO, César D. BORDENAVE, Ana PEREA GARCÍA, Amira S. NIEVA, María E. LLAMES, Vanina MAGUIRE, Gustavo MELANI, Daniel SARENA, Matías BAILLERES, Pedro CARRASCO, Francesco PAOLOCCI, Andrés GARRIZ, Ana MENÉNDEZ, Oscar A. RUIZ

09:20 - 09:30 EFFECT OF ENCLOSURE ON RUNOFF, SEDIMENT CONCENTRATION AND SOIL LOSS IN EROSION PLOTS, Abdulvahed KHALEDI DARVISHAN, Leila GHOLAMI, Jabar Hadi GHORGH, Velibor SPALEVIC, Azadeh KATEBI KORD, Hero Mohammad AMINI

09:30 - 09:40 THE DETERMINATION OF EFFECTS OF SOIL CONDITIONERS ON WATER EROSION IN SOILS HAVING DIFFERENT TEXTURES, Mucahit KARAOGLU, Ferdi ACAR

09:40 - 09:50 IMPROVEMENT OF SOIL ENZYME LEVELS THROUGH HALOPHYTES, Sema KARAKAS, Murat DIKILITAS, Ahmet ALMACA, Rukiye TIPIRDAMAZ

09:50 - 10:00 SPATIAL DISTRIBUTION OF SOIL SALINITY WITH DIFFERENT INTERPOLATION METHODS, Şeydagül ÖZDEMİR, Hikmet GÜNAL, Hakan ARSLAN, Nurullah ACIR

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairman: Steve QUARRIE

10:30 - 10:40 EFFECT OF A LONG-TERM COMPOST TREATMENT ON THE WATER MANAGEMENT OF SANDY SOIL, József Tibor ARANYOS, Marianna MAKÁDI, Viktória OROSZ, Attila TOMÓCSIK, Ibolya DEMETER, József MÉSZÁROS, Lajos BLASKÓ

10:40 - 10:50 IRRIGATION WATER QUALITY IN ALENTEJO (PORTUGAL) STUDY OF THE IRRIGATION PERIMETER OF THE RESERVOIR OF ROXO, Teresa BORRALHO, Anabela DURÃO, Adelaide ALMEIDA, Ana PARDAL, Fátima CARVALHO, Humberto CHAVES, Maria IMAGINÁRIO, Isabel SIMÕES, Ivone CASTANHEIRA, Mariana RAPOSO

10:50 - 11:00 SINGLE MULTIPLICATIVE NEURON BASED ANN RAINFALL-RUNOFF MODEL, P. V. SINGH, Akhilesh KUMAR

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11:00 - 11:10 IMPROVING MANAGEMENT OF AGRICULTURAL WATER RESOURCES: TECHNICAL OPTIONS AND STRATEGIC OPPORTUNITIES, Atef HAMDY, Adel Aly

11:10 - 11:20 APPLYING EARTH OBSERVATION TO DETECT NON-AUTHORISED IRRIGATION: THE CASE STUDY OF CONSORZIO SANNIO ALIFANO (ITALY), Carlo DE MICHELE, Massimo NATALIZIO, Guido D'URSO

11:20 - 11:30 DEVELOPMENT OF IRRIGATION AUTOMATION SYSTEM (IAS) USING BY PROGRAMMABLE LOGIC CONTROLLER (PLC) AND ITS APPLICATION ON IRRIGATION SCHEDULING CREATED USING CLASS A PAN, Cafer GENÇOĞLAN, Serpil GENÇOĞLAN

11:30 - 11:45 DISCUSSION

11:45 - 12:00 COFFEE BREAK

Working committee

Chairman: Vjekoslav TANASKOVIC

12:00 - 12:10 EFFECT OF WATER HOLDING POLYMERS AND WATER RESTRICTION ON GROWTH OF TOMATO CULTIVATED IN DIFFERENT SOILLESS CULTURES, Hakan BAŞAK, Emre ŞAHİN, Sultan KIYMAZ

12:10 - 12:20 COMPARISON WITH EMPIRICAL METHODS OF ACTUAL WATER CONSUMPTION VALUES DETERMINED FOR SUGAR BEET (BETA VULGARIS L.) IN THE KIRŞEHİR PROVINCE CONDITIONS, TURKEY, Sultan KIYMAZ, Çağlar SAĞMAKLI, Ahmet ERTEK

12:20 - 12:30 INTEGRATED AND SUSTAINABLE MANAGEMENT OF OLIVE TREE IN THE GHARB REGION OF MOROCCO, Nour Eddine ES-SAFI

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:00 Lunch Break

Working committee

Chairman: Velibor SPALEVIC, Vesna TUNGUZ

15:30 - 15:40 OPTIMIZATION OF ENZYMATIC SACCHARIFICATION FOR QUALITY IMPROVEMENT OF BIO-OIL FROM RICE STRAW, Manish PANT, Khan CHAND

15:40 - 15:50 ENZYMATIC PRE-TREATMENT FOR QUALITY IMPROVEMENT OF BIO-OIL FROM SUGARCANE RESIDUE, Abhishek KUMAR, N.C.SHAHI

15:50 - 16:00 STANDARDIZATION OF METHYL ESTERIFICATION PROCESS FOR REFINED COTTONSEED OIL USING RESPONSE SURFACE METHODOLOGY, Jayant SINGH, Rajesh U. MODI, T.K BHATTACHARYA

16:00 - 16:10 COMPARATIVE STUDY OF COLD PRESS AND ACCELERATED SOLVENT OIL EXTRACTION FROM CAMELINA SATIVA AND BRASSICA CARINATA, Umesh C LOHANI, Vijay SUNDARAM, K. MUTHUKUMARAPPAN

16:10 - 16:20 MACROELEMENTS AND HEAVY METALS CONTENT IN *Panicum virgatum* CULTIVATED ON CONTAMINATED SOIL UNDER DIFFERENT FERTILIZATION, Marta POGRZEBA, Szymon RUSINOWSKI, Jacek KRZYŻAK

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16:20 - 16:30 USE OF PASSIVE SAMPLING TECHNIQUES FOR MONITORING OF PESTICIDES IN SURFACE WATER, Dragana ŠUNJKA, Sanja LAZIĆ, Slavica VUKOVIĆ

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairman: Velibor SPALEVIC, Vesna TUNGUZ

17:00 - 17:10 BATCH PROCESS TESTING FOR ANAEROBIC CO-DIGESTION AS AN ALTERNATIVE FOR RENEWABLE BIOGAS, Ilirjan MALOLLARI, Xhaklina CANI, Jorgaq KAÇANI, Lorina LIÇI, Redi BUZO, Mirela QYRA

17:10 - 17:20 DEVELOPMENT OF A DECISION SUPPORT TOOL FOR ON-FARM ASSESSMENT OF ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS IN OLIVE ORCHARDS, Vasileios D. GKISAKIS, Nikolaos G. VOLAKAKIS, Emmanouil M. KABOURAKIS

17:20 - 17:30 FUEL CELLS: A PRACTICAL ANSWER TO THE WORLD'S PRESSING NEED FOR CLEAN AND EFFICIENT POWER, Pramod KUMAR MORE

17:30 - 17:40 DETERMINATION OF BIOGAS PRODUCTION POTENTIAL AND ENERGY VALUE FROM ANIMAL MANURE IN TURKEY (AFYONKARAHİSAR PROVINCIAL EXAMPLE), Cengiz KARACA

17:40 - 17:50 DISCUSSION

17:50 - 18:00 PAUSE

18:00 - 18:30 POSTER SESSION

20:00 Gala dinner (live music and tasting of traditional and typical products)

Friday, October 7th, 2016
Conference Hall B (Hotel Termag)

ANIMAL HUSBANDRY

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Goran TOPISIROVIC

09:00 - 09:10 EFFECTS OF NON-GENETIC FACTORS ON DAILY MILK PRODUCTION IN AWASSI BREED OF SHEEP IN MACEDONIA, Nikola PACINOVSKI, Vladimir DZABIRSKI, Dimitar NAKOV, Koco PORCU, Metodija TRAJCHEV, Goce CILEV, Elena JOSHEVSKA

09:10 - 09:20 EFFECTS OF TANNIN-RICH EXTRACT (FARMATAN) ON GROWTH PERFORMANCE, CARCASSES AND MEAT QUALITY TRAITS OF FATTENING BOARS, Diana BILIĆ-ŠOBOT, Marjeta ČANDEK-POTOKAR, Valentina KUBALE, Dejan ŠKORJANC

09:20 - 09:30 THE EFFECT OF REPLACING CORN AND SOYA BEANS BY WHITE SORGHUM AND HORSE BEANS ON RUMEN METABOLISM AND IN SITU DEGRADABILITY IN SHEEP, Imtiaz BOUZARRAA, Abdulbaset Zidane SHRIF, Hammadi ROUISSI

09:30 - 09:40 UNSATURATED TO SATURATED FATTY ACIDS RATIO ADJUSTMENT IN DIETS ON DIGESTIBILITY AND PERFORMANCE OF GROWING PIGS, Tossaporn INCHAROEN, Tinnagon TARTRAKOON, Anat ONGKAN, Wandee TARTRAKOON

09:40 - 09:50 DETERMINATION OF SOME EGGS TRAITS OF WHITE AND BRONZE TURKEYS IN A FREE-RANGE SYSTEM, Atilla TASKIN, Ufuk KARADAVUT, Huseyin CAYAN, Ahmet SAHIN

09:50 - 10:00 BEHAVIORAL PATTERNS OF GOATS, S. Seçkin TUNCER, H. Deniz ŞIRELİ, Ali Murat TATAR

10:00 - 10:15 DISCUSSION

10:15 - 10:30 PAUSE

Working committee

Chairman: Tatjana PANDUREVIC, Radojica DJOKOVIC

10:30 - 10:40 THE EFFECT OF AGE ON FEAR REACTIONS AND MATERNAL BEHAVIOR SCORE IN NORDUZ EWES, Serhat KARACA, Cihan ÇAKMAKÇI, Muammer SARIBEY, Hasan ÜLKER, Gazel SER

10:40 - 10:50 THE USE OF CRUDE PALM OIL IN FINISHING PIGS' DIET: EFFECTS ON GROWTH PERFORMANCE AND NUTRIENT DIGESTIBILITY, Wandee TARTRAKOON, Parichat KHANCHIT, Nipont PHOMSAK, Sonram THONGDEE

10:50 - 11:00 DETECTION OF β -LACTOGLOBULIN GENE POLYMORPHISM OF RAISED HAIR GOATS IN ANTALYA PROVINCE BY USING PCR-RFLP METHOD, Taki KARSLI, Murat Soner BALCIOĞLU, Emine ŞAHİN, Hüseyin Göktaş FİDAN, Kemal KARABAĞ

11:00 - 11:10 EFFECT OF NON-GENETIC FACTORS ON 305-DAYS MILK YIELD IN SIMMENTAL COWS REARED IN SUBTROPICAL CLIMATE CONDITION, Yahya ÖZTÜRK, Memis BOLACALI

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11:10 - 11:20 THE DEGREE OF GENETIC ADMIXTURE WITHIN SPECIES FROM GENUS CERVUS, Nina MORAVČIKOVÁ, Radovan KASARDA, Ondrej KADLEČÍK

11:20 - 11:30 GENOMIC DETERMINATION OF THE MOST IMPORTANT FATHER LINES OF SLOVAK PINZGAU COWS, Veronika KUKUČKOVÁ, Nina MORAVČIKOVÁ, Radovan KASARDA

11:30 - 11:45 DISCUSSION

11:45 - 12:00 COFFEE BREAK

Working committee

Chairman: Orhan YILMAZ, Tatjana PANDUREVIC

12:00 - 12:10 POTENTIAL TARGET SPECIES FOR SURVEILLANCE ON A BOVINE TUBERCULOSIS ENDEMIC AREA, Agnes CSIVINCSIK, Zsuzsanna RÓNAI, Gábor NAGY

12:10 - 12:20 MASTITIS PATHOGENS AND THEIR ANTIMICROBIAL SUSCEPTIBILITY IN EARLY LACTATING DAIRY COWS, Metodija TRAJCHEV, Dimitar NAKOV, Milena PETROVSKA, Gordana JANKOSKA

12:20 - 12:30 THE RATIONALE OF THE COMPLEX IMMUNOMETABOLIC ANTISEPTIC MEDICINE DEVELOPMENT IN VETERINARY MEDICINE, Stella KRETOVA

12:30 - 12:40 DISCUSSION

13:00 - 14:00 Mountain cable car ride

14:00 - 15:00 Lunch Break

Working committee

Chairman: Goran TOPISIROVIC, Tatjana PANDUREVIC

15:30 - 15:40 EFFECTS OF BACTERIAL INOCULANTS ON NUTRITIVE VALUE OF BARLEY SILAGE, Ayfer BOZKURT KÍRAZ

15:40 - 15:50 EFFECTS OF NATURAL PIGMENT SOURCES AND STORAGE DURATIONS ON EGG QUALITY, Esin UNVER, Aylin AGMA OKUR

15:50 - 16:00 SELECTION OF COVARIANCE STRUCTURES IN REPEATED DATA WITH EQUAL AND UNEQUAL TIME INTERVALS, Gazel SER, Erdem AYTEKİN

16:00 - 16:10 PHOTOMETRIC EVALUATION OF EFFECT OF CLAW DISORDERS ON CLAW CONFORMATION, Michal VLČEK, Ján TOMKA, Radovan KASARDA

16:10 - 16:20 NATIVE DOG BREEDS OF TURKEY, Orhan YILMAZ

16:20 - 16:30 FEASIBILITY STUDY ON USING ZIGBEE NETWORKS IN AGRICULTURAL APPLICATIONS, Temuçin Göktürk SEYHAN, Yasin KAHYA, Sinem ÇAMURCU

16:30 - 16:45 DISCUSSION

16:45 - 17:00 PAUSE

Working committee

Chairman: Radojica DJOKOVIC, Orhan YILMAZ

17:00 - 17:10 **COMPARISON OF FLESH COLOUR ASSESSMENT METHODS FOR THREE DIFFERENT SALMONID SPECIES IN TURKISH MARKET**, Nihat YEŞILAYER, Ayşe YEŞILAYER

17:10 - 17:20 **EFFECTS OF PARTIAL REPLACEMENT OF FISH MEAL BY DDGS ON BLOOD HEMATOLOGICAL AND BIOCHEMICAL PARAMETERS OF RAINBOW TROUT**, Baki AYDIN, Erkan GÜMÜŞ

17:20 - 17:30 **IMPORTANCE OF HUMAN RESOURCES ACTIVITIES IN THE FISH MEAL AND FISH OIL FACTORIES IN THE LIGHT OF TECHNOLOGICAL DEVELOPMENTS**, Günseli ACAR, Şennan YÜCEL

17:30 - 17:40 **A PRELIMINARY STUDY OF HATCHING PERFORMANCES OF *Salmo trutta labrax* AND *Salmo macrostigma* HYBRIDS**, Gökhan KALAYCI, Rafet Çağrı ÖZTÜRK, İlhan ALTINOK, Erol ÇAPKIN

17:40 - 17:50 **DISCUSSION**

17:50 - 18:00 **PAUSE**

18:00 - 18:30 **POSTER SESSION**

20:00 **Gala dinner (live music and tasting of traditional and typical products)**

Friday, October 7th, 2016
Conference Hall F (Hotel Termag - Koliba)

FORESTRY AND AGRO-FORESTRY

09:00 - 18:00 - REGISTRATION

Working committee

Chairman: Mihail MAREK, Srdjan LJUBOJEVIĆ

08:30 - 08:40 **THE IMPORTANCE OF WOODY PLANT INTRODUCTION FOR FOREST TREES IMPROVEMENT**, Vasilije ISAJEV, Milena STANKOVIC, Sasa ORLOVIC, Stefan BOJIC, Srdjan STOJNIC - **SESSION INTRODUCTORY PAPER**

08:40 - 08:50 **EDUCATIONAL PERSPECTIVES IN URBAN FORESTRY - OVERVIEW IN THE FEDERATION OF BOSNIA AND HERZEGOVINA**, Selma HARAČIĆ-BERBIĆ, Senka MUTABDŽIJA BEČIROVIĆ

08:50 - 09:00 **SEASONAL VARIABILITY OF THE CHEMICAL COMPOSITION OF BIRCH SAP OBTAINED THROUGH TAPPING (Betulae sucus recens)**, Srdjan LJUBOJEVIĆ, Ladislav VASILJIŠIN, Goran VUČIĆ, Aleksandar SAVIĆ, Dušan MIODRAGOVIĆ

09:00 - 09:10 **POPULATION DYNAMICS OF DAGGER NEMATODE ATTACKING ALEPPO PINE TREE IN JORDAN**, Leena IRSHAID, Luma ALBANNA, Monther SADDER

09:10 - 09:20 **SPECIAL NATURE RESERVE "KOVILJ-PETROVARADIN MARSHES" – REVIEW AND ANALYSIS OF THE PROCLAMATION PROCESS, OBJECTIVES AND INTEGRATED MANAGEMENT MEASURES**, Albina TARJAN TOBOLKA, Mirjana STEVANOV, Zoran GALIĆ, Alen KIŠ

09:20 - 09:30 **COENOLOGICAL ADAPTABILITY AND VITALITY OF ARTIFICIALLY ESTABLISHED BROADLEAF STANDS IN HUNGARIAN OAK AND TURKISH OAK FOREST TYPE IN LIPOVICA NEAR BELGRADE, SERBIA**, Rajko MILOŠEVIĆ, Marijana NOVAKOVIĆ-VUKOVIĆ

09:30 - 09:45 **DISCUSSION**

09:45 - 10:15 **POSTER SESSION**

10:15 - 10:30 **PAUSE**

RURAL DEVELOPMENT AND AGRO-ECONOMY

Working committee

Chairman: Hamid El BILALI, Luigi CAVESTRO

10:30 - 10:40 **FARMERS' SHARE OF MONEY SPENT ON FOOD IN AUSTRIA**, Erika QUENDLER, Franz SINABELL

10:40 - 10:50 **GASTRONOMY, A CULTURAL HERITAGE FOR OUR PRESENT AND FUTURE TIME. AN IMPORTANT PROTECTION FOR OUR TERRITORY, OUR AGRICULTURE AND OUR WELFARE**, Anna Rosa ARESUŽ

10:50 - 11:00 **DEVELOPING GOAT KID MEAT VALUE CHAIN BASED ON GEOGRAPHIC INDICATIONS: AN APPROACH FOR RURAL DEVELOPMENT IN ALBANIA**, Petrit DOBI, François LERIN, Roland BARDHI, Claire BERNARD, Besmira MEDOLLI, Alice GARNIER

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11:00 - 11:10 **A PROPOSAL OF A MODEL TO EVALUATE THE QUALITY OF CONSUMER-ORIENTED FOOD CLASSIFICATION SYSTEMS**, Carla MARANO MARCOLINI; Francisco J.TORRES-RUIZ, Esther LÓPEZ-ZAFRA

11:10 - 11:20 **IRRIGATED FOOD SYSTEMS IN MARADI, REPUBLIC OF NIGER: A COMPARISON BETWEEN OPERATING ACCOUNTS**, Ludovic ANDRES, Lawali DAMBO, Sambo BODE, Awal BABOUSSOUNA, Martha POPULIN, Boubacar YAMBA, Philippe LEBAILLY

11:20 - 11:30 **COMPARATIVE ANALYSIS OF AGRICULTURAL PRODUCTION SYSTEMS PERFORMANCES: CASE OF MILLET AND SORGHUM IN MALI**, Penda SISSOKO, Philippe LEBAILLY

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **COFFEE BREAK**

Working committee

Chairman: Hamid El BILALI, Luigi CAVESTRO

12:00 - 12:10 **DETERMINANTS OF RURAL TOURISM: A CASE STUDY OF KASTAMONU, TURKEY**, Ilknur ZEREN, Hakan SEVIK, Mehmet CETIN

12:10 - 12:20 **RURAL ECONOMIC DEVELOPMENT STRATEGY THROUGH PRIORITY RURAL SECTORS IN THE REPUBLIC OF MACEDONIA**, Blagoj GORGIEVSKI, Marija GJOSHEVA KOVACHEVIKJ

12:20 - 12:30 **ECONOMIC DIVERSIFICATION OF RURAL HOUSEHOLDS IN THE REPUBLIC OF MACEDONIA**, Marija GJOSHEVA KOVACHEVIKJ, Blagoj GORGIEVSKI

12:30 - 12:40 **DISCUSSION**

13:00 - 14:00 **Mountain cable car ride**

14:00 - 15:00 **Lunch Break**

Working committee

Chairman: Adriano CIANI, Vesna MRDALJ

15:30 - 15:40 **VALUE NETWORK OF THE PERSIAN LIME IN MEXICO**, Ramiro MENDOZA-TORNEZ, Sergio Roberto MARQUEZ-BERBER, Gustavo ALMAGUER-VARGAS, Jorge AGUILAR-AVILA, Abdul Khalil GARDEZI, Alma Velia AYALA-GARAY

15:40 - 15:50 **PROTECTION AND PROMOTION OF DOMESTIC EGG PRODUCTION: EXAMPLES FROM THE REPUBLIC OF CROATIA**, Dubravka ŽIVODER, Josipa PAVIČIĆ

15:50 - 16:00 **KNOWLEDGE-BASED ECONOMY: THE POLISH CASE**, Bożena NOSECKA, Łukasz ZAREMBA

16:00 - 16:10 **THE COMPETITIVE POSITIONS OF POLAND AND OF THE COUNTRIES OF THE WESTERN BALKANS IN AGRI-FOOD TRADE WITH THE EUROPEAN UNION**, Łukasz AMBROZIAK

16:10 - 16:20 **CONDITIONS OF AGRICULTURAL LAND PRICES DEVELOPMENT IN POLAND,**
Renata MARKS-BIELSKA

16:20 - 16:30 **THE IMPORTANCE OF RURAL AREAS FOR RURAL TOURISM DEVELOPMENT OF SERBIA,** Jelena PREMOVIĆ, Agneš BOLJEVIĆ, Ljiljana ARSIĆ

16:30 - 16:45 **DISCUSSION**

16:45 - 17:00 **PAUSE**

Working committee

Chairman: Zorica VASILJEVIC, Nebojsa NOVKOVIC

17:00 - 17:10 **ACCREDITATION IN HIGHER EDUCATION IN THE FIELD OF AGRICULTURE,**
Sofija PEKIĆ QUARRIE, Ratko NIKOLIĆ, Slavica SPASIĆ

17:10 - 17:20 **OPTIMIZATION MODEL OF VEGETABLE PRODUCTION STRUCTURE IN SERBIA,** Tamara PAUNOVIĆ, Nebojša NOVKOVIĆ, Slobodan CERANIĆ

17:20 - 17:30 **THE SHORTAGE OF AGRICULTURAL LABOUR FORCE IN ALGERIA: A CASE STUDY,** Slimane BEDRANI, Marouane CHAAMI, Fatma Zohra TAIBI, Bochra BOUHENDJEUR

17:30 - 17:40 **SELECTION OF FARMS FOR THE FARM ACCOUNTANCY DATA NETWORK SYSTEM IN THE REPUBLIC OF SERBIA,** Mirjana BOJCEVSKI, Zorica VASILJEVIĆ, Vlado KOVACEVIC

17:40 - 17:50 **URBAN AGRICULTURE AS A PLANNING TOOL FOR ACHIEVING SUSTAINABLE URBAN DEVELOPMENT,** Maya MITEVA

17:50 - 18:00 **DISCUSSION**

18:00 - 18:10 **PAUSE**

18:10 - 18:40 **POSTER SESSION**

20:00 **Gala dinner (live music and tasting of traditional and typical products)**

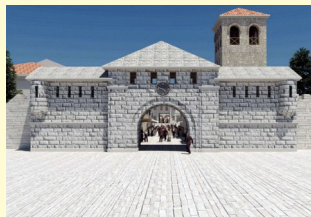
Saturday, October 8th, 2016
EXCURSION

The Symposium has organized whole day tour to Visegrad and different areas in the surroundings of Visegrad. Included: professional tourist guides; lunch in Visegrad; refreshments; and typical Bosnian mix fruit snacks.

08:30 - 19:00 EXCURSION (Departure from hotel Termag and hotel Bistrica)

Andrićtown

Andrićtown (Andrićgrad) is a tourist, cultural, administrative and educational complex. Andrićgrad is a project of a famous film director Emir Kusturica, the stone town inspired by the literary works and characters of Nobel Prize winner Ivo Andrić. It's architecture is a mix of different eras and styles that passed throughout Visegrad history: the Byzantine style, the Ottoman period, the Renaissance, the Classicism. Andrićgrad is one of the biggest tourist attractions in the region, together with Mehmed pasa bridge, Drina river boat cruise, and reconstructed narrow gauge tourist railway Visegrad - Mokra Gora.



Cruise on river Drina

One-hour cruise with several boats from the Mehmed-pasha Sokolović's bridge to thermal stream in the village Sase and back will be organized for AGROSYM 2016 participants. Boat "Lotika" is currently the largest boat on the Drina with a capacity of over 80 passengers and it was built on the Andrićgrad's building site in less than 5 months. In fact, it was built by the admiral and the captain, father and son, Davor and Nenad Radović, people with long experience in maritime transport and shipbuilding, and it can be also said that they have built the most beautiful and best ship that sails on the Drina river.

The bridge on the Drina

The bridge on the Drina is a heritage of the great vizier Mehmed pasa Sokolović (in Turkish Sokollu Mehmet Paşa, 1505. or 1506-1579). He is one of the great Osman war generals by origin from Bosnia. He was born in small village Sokolovići in 1505. or 1506, and was a child of Orthodox parents. At the highest peak of his rule, he orders to build the bridge on Drina at Višegrad that no other bridge looks alike. The bridge was built in the period from 1571 to 1577 by at that time the most famous Turkish architect Kodža Mimar Sinan. In 2007. bridge entered UNESCO world heritage list as a bridge with big cultural impact, and also as a best representative of a classical ottoman style in bridge making.



Drvengrad

Drvengrad (meaning Timber Town) is a traditional village that the famous film director Emir Kusturica built for his movie "Life Is a Miracle". Drvengrad is also known as Küstendorf, as a word play on German "dorf" (village) and Kusturica's nickname, "Kusta". Since 2008, the village hosts the annual Küstendorf Film and Music Festival, which showcases films and music from all around the world. Festival hosted many famous actors such as Johnny Depp, Monica Bellucci, etc.

20:00 DINNER AT HOTEL (live music)



Sunday, October 9th, 2016

SARAJEVO HALF DAY GUIDED POST-CONFERENCE EXCURSION
(price 20 euro per person)

15:00 - 19:00

Included: visit to Sarajevo Old City; visit to spring of the river Bosna; professional tourist guides; refreshments and typical Bosnian fruit mix snacks.

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AGROsym 2016

Sunday, October 9th, 2016
Conference Hall C (Hotel Termag)

PLANT PRODUCTION 1a

Working committee

Chairman: Dusan KOVACEVIC, Naser SABAGHNIJA

- 08:30 - 08:40** DETERMINATION OF SOME EAR CHARACTERISTICS OF LOCAL POP CORN (*Zea mays L. everta*) GENOTYPES IN KAHRAMANMARAS CONDITIONS (TURKEY), Gülay ZULKADİR, Leyla İDİKUT, Mustafa ÇÖLKESEN
- 08:40 - 08:50** EFFECTS OF DEFICIT IRRIGATION ON YIELD AND YIELD COMPONENTS OF GRAIN CORN (*Zea mais L.*), Hakkı AKDENİZ, Bilal KESKİN, İbrahim Hakkı YILMAZ
- 08:50 - 09:00** DETERMINATION OF ALKALOIDS AND OIL RATIOS IN SOME POPPY (*Papaver somniferum L.*) VARIETIES AND LINES, Levent YAZICI, Güngör YILMAZ, Neşet ARSLAN, Kübra YAZICI
- 09:00 - 09:10** THE EFFECTS OF IRRIGATION ON CORN, Leyla İdikut, Mehmet Davut Sahin
- 09:10 - 09:20** SOME PLANT PROPERTIES INTERACTIONS AND L-DOPA CONTENT OF FABA BEAN (*Vicia faba L.*) THAT DIFFERENT SOWING TIME, Nurdogan TOPAL, Hatice BOZOGLU
- 09:20 - 09:30** A STUDY ON THE DETERMINATION OF YIELD PROPERTIES AND FACTORS THAT AFFECT THE YIELD IN COWPEA UNDER KIRSEHIR/TURKEY ECOLOGICAL CONDITIONS, Omer SOZEN, Ufuk KARADAVUT
- 09:30 - 09:40** COTTON PRODUCTION IN TURKEY, Osman ÇOPUR, Ceren BEKİŞLİ, Mehmet Atilla GÜR
- 09:40 - 09:50** SOIL CARBON AND NITROGEN IN A LEGUMINOUS/MAIZE CROP ROTATION WITH THREE TILLAGE SYSTEMS UNDER MEDITERRANEAN CONDITIONS, Sakine ÖZPINAR, Ali ÖZPINAR
- 09:50 - 10:15** DISCUSSION
- 10:15 - 10:30** COFFEE BREAK

Working committee

Chairman: Novo PRZULJ, Desimir KNEZEVIC

- 10:30 - 10:40** DETERMINING THE APPROPRIATE PLANTING TIME FOR PEANUT (*Arachis hypogaea L.*) PLANT IN CONDITIONS OF GAP REGION, Halil HATİPOĞLU, Servet ABRAK, Mehmet KARAKUŞ, Hüseyin ARSLAN, M. Atilla GÜR
- 10:40 - 10:50** USE OF INDEX SELECTION METHODS FOR DETERMINATION OF HIGH YIELDING FEED BARLEY GENOTYPES IN MULTI ENVIRONMENTAL TRIALS, Sinan AYDOĞAN, Namuk ERGÜN, İsmail SAYİM, Taner AKAR
- 10:50 - 11:00** THE EFFECT OF STAND DENSITY ON CONFECTIONARY SUNFLOWER SEED QUALITY, Jovan CRNOBARAC, Igor BALALIĆ, Nenad DUŠANIĆ, Goran JAĆIMOVIĆ, Dragana LATKOVIĆ

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11:00 - 11:10 **STUDYING THE ROLE OF GIBBERELIC ACID TO IMPROVE CHILLING TOLERANCE IN CHICKPEA (*Cicer arietinum* L.),** Tariq AZIZ, Erkut PEKSEN

11:10 - 11:20 **CLASSIFICATION OF HEAT TOLERANT COTTON GENOTYPES BY USING COMBINATION OF CORRELATION AND PRINCIPLE COMPONENT ANALYSIS,** Ufuk DEMİREL, Atilla GÜR, Osman ÇOPUR

11:20 - 11:30 **ANATOMICAL STUDIES OF DROUGHT TOLERANCE RELATED TRAITS OF 26 WHEAT VARIETIS IN IRAN,** Maryam ABBASI, Elham FAGHANI, Habibollah SOGHI, Ali HOSSIEN KHANI

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **PAUSE**

Working committee

Chairman: Novo PRZULJ, Desimir KNEZEVIC

12:00 - 12:10 **VARIABILITY OF GRAIN MASS PER SPIKE IN CULTIVARS OF TRITICALE (X TRITICOSECALE WITTM.),** Desimir KNEZEVIC, Gordana BRANKOVIC, Danijela KONDIC, Sretenka SRDIC, Veselinka ZECEVIC, Mirela MATKOVIC, Srdjan ATANASIJEVIC

12:10 - 12:20 **POTATO MINITUBER PRODUCTION UNDER HYDROPONIC SAND CULTURE,** Babak DARVISHI

12:20 - 12:30 **NOZZLES APPLICATION QUALITY IN WHEAT: EFFECT OF SINGLE, DOUBLE AND TRIPLE FLAT FAN NOZZLES,** Aleksandar SEDLAR, Vladimir VIŠACKI, Rajko BUGARIN, Jan TURAN, Lazar PAVLOVIC, Sanja LAZIĆ, Dragana ŠUNJKA

12:30 - 12:40 **OROBANCHE (OROBANCHE SPP.) AND PHELIPANCHE (PHELIPANCHE SPP.) IN LENTIL (LENS CULINARIS MEDIC.); IMPACTS ON YIELD, QUALITY AND MARKETING PRICES,** Fethiye OZBERK, Irfan OZBERK, Abuzer. YUCEL, Imam MECCA, Sengül ALTUNDAL

12:40 - 12:50 **DISCUSSION**

12:50 - 13:00 **PAUSE**

13:00 - 13:30 **Final discussion and conclusions**

13:30 **LUNCH**

15:00 **DEPARTURE**

15:00 - 19:00 **Post conference excursion (Sarajevo Old City)**

Sunday, October 9th, 2016
Conference Hall D (Hotel Termag)

PLANT PRODUCTION 1b

Working committee

Chairman: Snezana MLADENOVIC DRINIC, Miodrag DIMITRIJEVIC

- 08:50 - 09:00** DETERMINATION OF PHENOLOGICAL, POMOLOGICAL AND YIELD CHARACTERISTICS OF LOW CHILLING APPLE CULTIVARS BUDDED ON M9 AND MM 106 ROOTSTOCKS, Ali IKINCI, Ibrahim BOLAT
- 09:00 - 09:10** PREVALENCE AND DETERMINATION OF DISEASES OF POMEGRANATE ORCHARDS IN AYDIN PROVINCE, TURKEY, Ayhan YILDIZ, Seher BENLİOĞLU, Kemal BENLİOĞLU, Adnan ÇAÇAMER, Nevin BAŞPINAR, Ümit ÖZYILMAZ
- 09:10 - 09:20** PISTACHIO AND ALMOND PRODUCTION AT SOUTHEAST ANATOLIA REGION IN TURKEY: CHANGES OF LAST DECADES, Bekir Erol AK, Izzet ACAR and Sadettin GURSOZ
- 09:20 - 09:30** DETERMINATION OF BIO-VARIATION AMONG DIFFERENT MULBERRY SPECIES GROWN IN TOKAT REGION BY MOLECULAR MARKERS, Cetin CEKİC, Z. Selcen OZMEN
- 09:30 - 09:40** TEXTURAL AND PHYSICO-CHEMICAL CHARACTERISTICS OF ŞALAK (APRICOSE) APRICOT CULTIVAR, Ersin GÜLSOY, Tuncay KAYA, Mücahit PEHLUVAN, Berna DOĞRU ÇOKRAN
- 09:40 - 09:50** RELATIONS BETWEEN FRUIT BEARING HABIT, AND CARBOHYDRATE / NITROGEN LEVELS IN 'HACIHALILOGLU' APRICOT CULTIVAR, Ibrahim BOLAT, Mustafa SAHIN
- 09:50 - 10:00** DETERMINATION OF MYROBOLAN 29C ROOTSTOCKS REACTIONS AGAINST DROUGHT STRESS IN VITRO CONDITIONS, Muzaffer İPEK, Lütfi PIRLAK
- 09:50 - 10:15** DISCUSSION
- 10:15 - 10:30** COFFEE BREAK

Working committee

Chairman: Vlado KOVACEVIC, Sergey GONCHAROV

- 10:30 - 10:40** DISPONIBILITY AND PERFORMANCE OF BENTONITE IN TOP WORKING OF ALNUT TREES AS GRAFTING WAX, Sebahattin YILMAZ, Halil KAKÇI, Yaşar AKÇA
- 10:40 - 10:50** WALNUT VARIETY BREEDING UPDATE TO 2015, Yaşar AKÇA, Sebahattin YILMAZ, Mehmet SÜTYEMEZ, Hakan KARADAĞ, Serpil Arslan YILDIZ
- 10:50 - 11:00** EFFECTS OF BRASSINOSTEROIDS AND GIBBERELIC ACIDS APPLIED IN VITRO CONDITIONS ON POLLEN VIABILITY AND GERMINATION OF SOME GRAPE CULTIVARS, Zeliha GÖKBAYRAK, Hakan ENGİN
- 11:00 - 11:10** EFFECTS OF MODIFIED ATMOSPHERE CONDITIONS ON BETA CAROTENE AND ANTHOCYANIN CONTENTS OF ARBUTUS UNEDO L. FRUITS, Neslihan EKINCI, Fatma AYDIN, Murat ŞEKER

11:10 - 11:20 **AIRJECTION® INTO SUB-SURFACE DRIP IRRIGATION SYSTEMS AS A TOOL FOR CLIMATE-SMART IRRIGATION**, Michael DAVIDSON, Davidson CONSULTANTS

11:20 - 11:30 **NOZZLES TRANSVERSE DISTRIBUTION MODEL DEVELOPMENT: EFFECT OF PRESSURE AND ANTI DRIFT NOZZLE**, Vladimir VIŠACKI, Aleksandar SEDLAR, Rajko BUGARIN, Jan TURAN, Lazar PAVLOVIC, Sanja LAZIĆ, Dragana ŠUNJKA

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **PAUSE**

Working committee

Chairman: Sergey GONCHAROV, Alexey LUKIN

12:00 - 12:10 **EFFECT OF SEWAGE SLUDGE COMPOST TREATMENT ON CROP YIELD**, Attila TOMÓCSIK, Marianna MAKÁDI, Viktória OROSZ, Tibor ARANYOS, Ibolya DEMETER, József MÉSZÁROS, György FÜLEKY

12:10 - 12:20 **AMMI VERSUS NONPARAMETRIC ANALYSIS FOR INVESTIGATION OF GE INTERACTION OF PLANT DISEASE EVALUATION**, Naser SABAGHNI

12:20 - 12:30 **CLONAL MICROPROPAGATION AND SOME PHYSIOLOGY ASPECTS OF ESSENTIAL OIL ROSES VALUABLE CULTIVARS REGENERATION IN VITRO**, Irina MITROFANOVA, Valentina BRAILKO, Nina LESNIKOVA-SEDOSHENKO, Olga MITROFANOVA

12:30 - 12:40 **APPLICATION OF FARMYARD MANURE IN GRASSLAND PRODUCTION**, Aleksandar ŠIMIĆ, Bojan STOJANOVIĆ, Savo VUČKOVIĆ, Jordan MARKOVIĆ, Aleksa BOŽIČKOVIĆ, Zorica BIJELIĆ, Violeta MANDIĆ

12:40 - 12:50 **DISCUSSION**

12:50 - 13:00 **PAUSE**

13:00 - 13:30 **Final discussion and conclusions**

13:30 **LUNCH**

15:00 **DEPARTURE**

15:00 - 19:00 **Post conference excursion (Sarajevo Old City)**

Sunday, October 9th, 2016
Conference Hall A (Hotel Termag)

PLANT PROTECTION AND FOOD SAFETY

Working committee

Chairman: Sanja RADONJIC

09:00 - 09:10 EFFICIENCY OF BIOLOGICAL AGENTS IN CONTROLLING OF SEEDS AND ROOTS DISEASES OF EGGPLANT, Nadeem A. RAMADAN, Peris T. AKRAWI

09:10 - 09:20 PRESENCE OF *Escherichia coli* IN MEDITERRANEAN MUSSEL (*Mytilus galloprovincialis*) AND SEA SNAIL (*Rapana venosa*) FROM BLACK SEA, TURKEY, Ertuğrul TERZİ

09:20 - 09:30 SUSTAINABLE FOOD SECURITY IN MOROCCO: CHALLENGES & OPPORTUNITIES, Larbi TOUMI

09:30 - 09:40 DISSIPATION RATE AND RESIDUES OF ACETAMIPRID AND IPRODIONE IN SWEET CHERRY FRUITS, Sanja LAZIĆ, Dragana ŠUNJKA, Srđan PANIĆ, Zdravko BJELICA, Slavica VUKOVIĆ

09:40 - 09:50 DETERMINATION OF SUITABILITY AND NUTRITIONAL PROPERTIES OF LAKERDA MADE FROM THE CULTURED RUSSIAN STURGEON (*Acipenser gueldenstaedtii*, Brandt and Ratzenburg, 1833), Serkan KORAL, Dilber ONAY AĞIRBAŞ

09:50 - 10:00 DETERMINING EFFICIENCY OF ADDITIVE ADDITION ON PERFORMANCE OF GRANSTAR, Derya ÖĞÜT-YAVUZ, Özhan BOZ, M. Nedim DOĞAN

10:00 - 10:15 DISCUSSION

10:15 - 10:30 COFFEE BREAK

Working committee

Chairman: Eligio MALUSA, Snezana TANASKOVIC

10:30 - 10:40 CURRENT SITUATION WITH INVASIVE ERIGERON ANNUUS (L.) PERS. (DAISY FLEABANE) IN REPUBLIC OF MACEDONIA, Zvonko PACANOSKI, Alirami SALJI

10:40 - 10:50 THE POTENT OF DIFFERENT TRICHODERMA SPECIES AS BIOCONTROL AGENTS AGAINST MELOIDOGYNE JAVANICA ON TOMATO, Ahmed A. M. DAWABAH, Ahmad S. AL-HAZMI, Fahad A. AL-YAHYA, Hamzeh A. LAFI, Muhammad TARIQJAVEED, Saleh N. AL-NADHARI

10:50 - 11:00 HERBICIDE CONTROL OF WILD HEMP (CANNABIS SATIVA L.) AT SUNFLOWER GROWN BY "EXPRESS SUN" TECHNOLOGY, Chavdar DOCHEV, Anyo MITKOV, Mariyan YANEV, Nesho NESHEV, Tonyo TONEV

11:00 - 11:10 INVASIVE WEEDS: THE POSSIBLE THREATS TO BIODIVERSITY AND LIVELIHOOD IN NORTHWEST PAKISTAN, Khan Bahadar MARWAT

11:10 - 11:20 EFFECT OF CLIMATIC FACTORS ON GROWTH, COMPETITIVE ABILITY, DISPERSAL, AND SEED PRODUCTION POTENTIAL OF WEEDS AND NUTRITIONAL STATUS OF WHEAT, Muhammad Azim KHAN

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11:20 - 11:30 DETERMINATION OF SOME BIOLOGICAL PROPERTIES OF CORN BORERS (SESAMIA NONAGRIOIDES LEFEBVRE AND OSTRINIA NUBILALIS HÜBNER) IN ÇANAKKALE (TURKEY) MAIZE PLANTING AREAS, Ali ÖZPINAR, Sakine ÖZPINAR

11:30 - 11:45 DISCUSSION

11:45 - 12:00 PAUSE

Working committee

Chairman: Snezana TANASKOVIC, Eligio MALUSA

12:00 - 12:10 EVALUATION OF PRECISION FARMING RESEARCH AND APPLICATIONS IN TURKEY, Bahattin AKDEMIR

12:10 - 12:20 RUTHLESS USE CAN POSE EXTINCTION RISK TO GUNDELIA (GUNDELIA TOURNEFORTII L.) IN SOUTHEASTERN ANATOLIA REGION OF TURKEY, Cumali ÖZASLAN, Shahid FAROOQ, Huseyin ÖNEN

12:20 - 12:30 SEED DORMANCY DIFFERENCES AMONG COMMON RAGWEED POPULATIONS, Huseyin ONEN, Nihat AKYOL, Shahid FAROOQ, Cumali OZASLAN

12:30 - 12:40 EFFECT OF PLANT GROWTH PROMOTING RHIZOBACTERIA (PGPR) ON SEED GERMINATION AND SEEDLING GROWTH OF BANYARD GRASS (Echinochloa crus galli L.) AND REDROOT PIGWEED (Amaranthus retroflexus L.), Peiman MOLAEI, M.Figen DÖNMEZ, Ayşe USANMAZ BOZHÜYÜK

12:40 - 12:50 DISCUSSION

12:50 - 13:00 PAUSE

13:00 - 13:30 Final discussion and conclusions

13:30 LUNCH

15:00 DEPARTURE

15:00 - 19:00 Post conference excursion (Sarajevo Old City)

Sunday, October 9th, 2016
Conference Hall B (Hotel Termag)

ORGANIC AGRICULTURE

Working committee

Chairman: Nouredin DRIOUECH, Kenny LAHCEN

09:00 - 09:10 AGRO ECOLOGICAL PRACTICES TRIGGERED BY FARMER TO FARMER IMPROVING VEGETABLE PRODUCTION VIDEOS IN BENIN, Gérard C. ZOUNDJI, Simplicie D. VOHOUHÉ

09:10 - 09:20 ANTIMICROBIAL ACTIVITY of *Origanum onites* L. ESSENTIAL OIL AND EXTRACT, Ayşe YEŞİLAYER, Sabriye BELGÜZAR, HandeNur ASLAN

09:20 - 09:30 LOSSES CAUSED BY DISEASES ATTACK QUINOA IN EGYPT, Tawfik H. ABD-ELMOITY, Ayat M. ALI

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09:30 - 09:40 **HOMEOPATHIC EXTRACTS INFLUENCE ON FRUIT QUALITY OF TOMATOES (SOLANUM LYCOPERSICUM MILL.),** Rasa KARKLELIENĖ, Danguolė JUŠKEVIČIENĖ, Audrius RADZEVIČIUS, Pranas VIŠKELIS, Audrius SASNAUSKAS

09:40 - 09:50 **SCREENING OF SEED-BORNE FUNGI OF SOME VEGETABLES CROPS IN TUNISIA AND STUDY OF THEIR EFFECT ON ORGANIC PLANTS DEVELOPMENT,** Naima BOUGHALLEB-M'HAMDI, Ibtissem BEN SALEM, Yosra ABDELKHALEK, Néji TARCHOUN, Mahmoud M'HAMDI

09:50 - 10:00 **DETERMINATION OF ANTI-BACTERIAL ACTIVITIES OF PROPOLIS EXTRACTS,** Sabriye BELGÜZAR, Yusuf YANAR, Zeliha EROĞLU

10:00 - 10:15 **DISCUSSION**

10:15 - 10:30 **COFFEE BREAK**

Working committee

Chairman: Kenny LAHCEN, Nouredin DRIOUECH

10:30 - 10:40 **GROWTH OF ORGANIC FOOD INDUSTRY IN INDIA,** Varghese MANALLOOR, Divyanshu SRIVASTAVA, Shahidul ISLAM

10:40 - 10:50 **COMPOST EFFECT ON THE YIELD AND COMPOSITION OF ESSENTIAL OILS OF OCIMUM BASILICUM "FIN VERT",** Raoudha KHANFIR BEN JENANA, Ferdaws SMARI, Cherif HANACHI

10:50 - 11:00 **THE ORGANIC MILK PRODUCTION IN POLAND – ECONOMIC ASPECTS AND PROSPECTS FOR DEVELOPMENT,** Marcin ŻEKAŁO

11:00 - 11:10 **ORGANIC AGRICULTURE IN PROVINCE OF USAK IN TURKEY,** Ayşen Melda ÇOLAK, Nurdoğan TOPAL

11:10 - 11:20 **WAYS TO PRESERVE SOIL FERTILITY BASED ON AGROLANDSCAPE,** Anna LINKINA, Elena NEDICOVA

11:20 - 11:30 **SUSTAINABLE WHEAT VARIETIES FOR ORGANIC PRODUCTION FOCUSING HARD CONTINENTAL CLIMATE,** Zoran JERKOVIĆ, Željana PRIJIĆ, Radivoje JEVIĆ

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **PAUSE**

12:00 - 12:30 **POSTER SESSION**

13:00 - 13:30 **Final discussion and conclusions**

13:30 **LUNCH**

15:00 **DEPARTURE**

15:00 - 19:00 **Post conference excursion (Sarajevo Old City)**

Sunday, October 9th, 2016
Conference Hall E (Hotel Vucko)

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

Working committee

Chairman: Velibor SPALEVIC

09:00 - 09:10 **THE EVALUATION RESULTS OF CLIMATE CHANGES FOR SLCAL BENEFICIARIES' PROJECT**, Mohammed HUSSEIN, Mohamed ELRAEE

09:10 - 09:20 **SEVERITY, MAGNITUDE AND DURATION OF DROUGHTS IN BOSNIA AND HERZEGOVINA USING STANDARDIZED PRECIPITATION EVAPOTRANSPIRATION INDEX (SPEI)**, Sabrija ČADRO, Jasminka ŽUROVEC, Salwa CHERNI-ČADRO

09:20 - 09:30 **THERMAL SEASONS OF THE VEGETATION PERIOD IN POLAND (1971-2010)**, Joanna KRUŽEL, Agnieszka ZIERNICKA-WOJTASZEK

09:30 - 09:40 **DETERMINATION OF HARRAN UNIVERSITY AGRICULTURE FACULTY STUDENTS' AWARENESS OF CLIMATE CHANGE IN ŞANLIURFA, TURKEY**, Fatma ÖCAL KARA

09:40 - 09:50 **LONG TERM VARIATION OF RAINFALL IN SOUTHEASTERN ANATOLIAN PROJECT (GAP) AREA**, Kadri YUREKLI

09:50 - 10:00 **PHYSICAL AND CHEMICAL CHARACTERISTICS OF FLORAL, MEADOW AND FOREST HONEY IN THE AREA OF GORAZDE MUNICIPALITY (BOSNIA AND HERZEGOVINA)**, Amna BIJEDIĆ, Alma MIĆIJEVIĆ, Harun KURTAGIĆ, Hanadija OMANOVIĆ

10:00 - 10:15 **DISCUSSION**

10:15 - 10:30 **COFFEE BREAK**

Working committee

Chairman: Velibor SPALEVIC, Vjekoslav TANASKOVIC

10:30 - 10:40 **SHORT- AND LONG-TERM EXPERIMENTS. HOW CAN WE INTERPRET THE RESULTS?**, Marianna MAKÁDI, Ibolya DEMETER, Tibor ARANYOS, Viktória OROSZ, Bernadett FEHÉR, József MÉSZÁROS, Attila TOMÓCSIK

10:40 - 10:50 **CFD MODELLING OF AIR VELOCITY IN A TRACTOR CABIN FOR WINTER CONDITIONS**, Serap AKDEMIR, Serhat ÖZTÜRK, Poyraz ÜLGER

10:50 - 11:00 **TILLAGE EFFECT ON SOIL QUALITY INDICATORS IN SECOND CROP MAIZE PRODUCTION**, Mustafa BAYRAM, Fatih GÖKMEN, Hikmet GÜNAL, Engin ÖZGÖZ, Hüseyin ÖNEN

11:00 - 11:10 **DEVELOPMENT OF A RESOURCE CONSERVATION MACHINE FOR SUGARCANE CULTIVATION**, Rajnarayan PATERIYA, Himanshu ADHIKARI

11:10 - 11:20 **GENETIC ENGINEERING OF ROSE SCENTED GERANIUM WITH BACTERIAL GENES FOR PHYTOREMEDIATION OF POLYCHLORINATED BIPHENYL, Vida CHALAVI, Sodabeh ZAREH**

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11:20 - 11:30 **THE INFLUENCE OF THE DIFFERENT FORMS OF MELATONIN TO THE PHYSIOLOGICAL CONDITIONS OF THE LABORATORY AND FUR ANIMALS**, RASSOKHIN D. V., ZHDANOVA O.B., OKULOVA, I.I., LUTINA K.V., DUBOVCEVA A.A., NOVOSELOVA N.N., BULDAKOVA J.S., KISLITSYN D.A., CHASOVSKIKH O.V., STEFANOVICH L.V.

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **PAUSE**

Working committee

Chairman: Velibor SPALEVIC, Vjekoslav TANASKOVIC

12:00 - 12:10 **PREPARATION AND PROPERTIES OF CHITOSAN FROM CRAB SHELL CONTAINING RAW MATERIAL BY ELECTROPHYSICAL PROCESSING**, Irina GLOTOVA, NikolajVEKSHIN, Vladimir BALABAEV, Olga PEREGONCHAYA, Elena KURCHAEVA

12:10 - 12:20 **POTENTIAL USES OF SPENT MUSHROOM SUBSTRATE IN AGRICULTURE**, Funda ATILA

12:20 - 12:30 **SPATIAL ANALYSES OF PLANT AVAILABLE PHOSPHORUS CONCENTRATION UNDER DIFFERENT MANAGEMENT PRACTICES**, Mesut BUDAK, Hikmet GÜNAL, Nurullah ACİR, İsmail ÇELİK, Hakan YILDIZ

12:30 - 12:40 **THE SELENIUM CONTENT OF AMANITA SPECIES FROM SAMANLI MOUNTAIN OF MARMARA REGION (TURKEY)**, Murad Aydın ŞANDA, Hasan Hüseyin DOĞAN

12:40 - 12:50 **DISCUSSION**

12:50 - 13:00 **PAUSE**

13:00 - 13:30 **Final discussion and conclusions**

13:30 **LUNCH**

15:00 **DEPARTURE**

15:00 - 19:00 **Post conference excursion (Sarajevo Old City)**

Sunday, October 9th, 2016
Conference Hall F (Hotel Termag - Koliba)

RURAL DEVELOPMENT AND AGRO-ECONOMY

Working committee

Chairman: Hamid El BILALI, Zorica VASILJEVIC

09:00 - 09:10 **THE SENSITIVITY OF NET FARM INCOME IN THE ZLATIBOR DISTRICT (SERBIA) TO CHANGES IN GOVERNMENT SUPPORT**, Vladimir JOVANOVIĆ, Danijela PETKOVIĆ, Julijana MIJAILOVIĆ, Vlade ZARIĆ

09:10 - 09:20 **IMPACT OF LAND SIZE ON PRODUCTIVITY, INCOME AND PROFITS FROM PEPPER CULTIVATION IN SRI LANKA**, Ponniah SIVARAJAH, Randima WICKRAMASINGHE

09:20 - 09:30 **THE CONCENTRATION ANALYSIS OF AGRICULTURAL SECTOR IN TURKEY: ARE THERE ANY CHANGES IN THE PERIOD 2010 – 2015 ?**, Funda GENCLER, Berna TURKEKUL

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09:30 - 09:40 **LOCAL SUSTAINABLE DEVELOPMENT: THE 21TH CENTURY PARADIGM OF SMART COMMUNITIES AND SMART TERRITORIES**, Adriano CIANI, Antonio BOGGIA, Donatello CARUSO, Annalisa GAMBARDELLA, Filippo Fiume FAGIOLI

09:40 - 09:50 **DESIGN OF A SMALL-SIZE MILKING PARLOR AND ITS MANAGEMENT VIA PROGRAMMABLE DIGITAL CONTROLLERS**, Metin DEMIRTAS, Yasin AYDIN, Seydi DOĞAN, Ayhan ISTANBULLU, Suat ONUR, Cevdet KELOGLU

09:50 - 10:00 **FRUIT GROWING IN EAST MARMARA REGION OF TURKEY: KOCAELI SAMPLE FROM PAST TO FUTURE**, Melekber SULUSOGLU DURUL, Bahar AYDIN CAN, Serdar MEMIS

10:00 - 10:15 **DISCUSSION**

10:15 - 10:30 **COFFEE BREAK**

Working committee

Chairman: Adriano CIANI, Hamid El BILALI

10:30 - 10:40 **SFARMERS FERTILIZING HABITS AND VIEW POINT TO SOIL ANALYSIS SUPPORT IN TURKEY: A CASE STUDY OF HARRAN PLAIN**, Remziye OZEL

10:40 - 10:50 **NUTRITIONAL VALUE OF FISH SOUP FROM CULTURED TROUT (*Oncorhynchus mykiss*)**, Sevim KÖSE, Bekir TUFAN, Matevž POMPE, Marjan VEBER, Eva PETKOVŠEK

10:50 - 11:00 **POSITION OF THE POLISH FOOD PROCESSING IN THE FOOD CHAIN**, Agnieszka JUDZIŃSKA, Robert MROCZEK

11:00 - 11:10 **MILK PRICES IN THE EUROPEAN UNION BY 2025 AND PROJECTION OF THE PROFITABILITY OF MILK PRODUCTION IN POLAND IN 2020**, Aldona SKARŻYŃSKA, Konrad JABŁOŃSKI

11:10 - 11:20 **GLOBAL FOOD MARKET – NEW FACTORS INFLUENCING DEVELOPMENT**, Grzegorz DYBOWSKI, Anna BUGAŁA

11:20 - 11:30 **THE COMPETITIVENESS OF POLISH FOOD PRODUCTS ON THE INTERNATIONAL MARKET**, Małgorzata BUŁKOWSKA

11:30 - 11:45 **DISCUSSION**

11:45 - 12:00 **PAUSE**

Working committee

Chairman: Nebojsa NOVKOVIC, Hamid El BILALI

12:00 - 12:10 **BIOCLIMATIC MAPPING OF RURAL AREAS IN BOZKURT, TURKEY, FOR RECREATION**, Mehmet CETIN, Ilknur ZEREN

12:10 - 12:20 **EU COMMON AGRICULTURAL POLICY AND AGRICULTURAL POLICY OF THE REPUBLIC OF SRPSKA**, VESNA Mrdalj, GORDANA Rokvic

12:20 - 12:30 **NATIONAL REPOSITORY FOR AGRICULTURAL EDUCATION NaRA – OER FOR BUILDING NEW KNOWLEDGE IN AGRICULTURE**, Vesna POLEKSIĆ, Goran TOPISIROVIĆ, Sofija PEKIĆ QUARRIE

12:30 - 12:40 TRENDS IN POLISH INTERNATIONAL TRADE IN EGGS PRODUCTS IN THE PERIOD 2006-2015, Dorota PASIŃSKA

12:40 - 12:50 DISCUSSION

12:50 - 13:00 PAUSE

13:00 - 13:30 Final discussion and conclusions

13:30 LUNCH

15:00 DEPARTURE

15:00 - 19:00 Post conference excursion (Sarajevo Old City)

Friday, October 6th, 2016

18:10 - 18:40 POSTER SESSION

Posters should be sized 800 x 1000 mm (width x height) - **COMPULSORY**

PLANT PRODUCTION

Conference Halls C and D (Hotel Termag)

Working committee

Chairman: Dieter TRAUTZ, Dusan KOVACEVIC, Novo PRZULJ

- P 01 SENSITIVITY ANALYSIS OF AQUACROP EVAPOTRANSPIRATION TO WEATHER STATION DISTANCE**, Claire SIMONIS, Bernard TYCHON, Françoise GELLENS-MEULENBERGHS
- P 02 EFFECT OF INOCULATION ON SOME IMPORTANT CHARACTERISTICS OF PEAS GROWN IN HERZEGOVINA REGION (BOSNIA AND HERZEGOVINA)**, Višnja VASILJ, Branimir ŠEGO, Adrijana FILIPOVIĆ, Sanja SIKORA, Ana MANDIĆ
- P 03 YIELD POTENTIAL OF LINES AND VARIETIES OF TRITICALE IN THE BREEDING PROGRAM OF THE AGRICULTURAL INSTITUTE OF REPUBLIC OF SRPSKA – BANJA LUKA (BOSNIA AND HERZEGOVINA)**, Dragan MANDIĆ, Goran ĐURAŠINOVIĆ, Iskra ARAPOVIĆ, Novo PRŽULJ, Dijana MIHAJLOVIĆ, Zoran JOVOVIĆ
- P 04 PHYSIOLOGICAL RESPONSES OF POTATO EXPOSED TO DROUGHT STRESS: STOMATAL CONDUCTANCE, LEAF WATER POTENTIAL AND GROWTH PARAMETERS**, Mirjana JOVOVIC, Zorica JOVANOVIĆ, Radmila STIKIĆ
- P 05 REAL-TIME IRRIGATION SCHEDULING CHARTS FOR APPLE (*Malus domestica*) IN THE CENTRAL-EASTERN AREAS OF BOSNIA AND HERZEGOVINA**, Sabrija ČADRO, Jasminka ŽUROVEC, Mirjana RADOVIĆ
- P 06 TOTAL PHENOLIC CONTENT OF DIFFERENT APPLE CULTIVARS**, Mirko KULINA, Gorica PAUNOVIĆ, Mirjana RADOVIĆ
- P 07 BIOLOGICAL AND POMOLOGICAL CHARACTERISTICS OF INTRODUCED PLUM VARIETIES (*Prunus domestica* L.)**, Nada ZAVIŠIĆ, Željko ROSIĆ
- P 08 INFLUENCE OF RACHIS POSITION ON PHYSICAL AND COMPOSITIONAL PARAMETERS OF CABERNET SAUVIGNON BERRIES**, Tatjana JOVANOVIĆ-CVETKOVIĆ, Rada GRBIĆ, Borut BOSANČIĆ, Nemanja MIŠIĆ
- P 09 IMPACT OF CLIMATE FACTORS ON AGRO BIOLOGICAL CHARACTERISTICS OF PINOT NOIR VARIETY IN TREBINJE VINEYARD**, Tijana BANJANIN, Zorica RANKOVIĆ-VASIĆ
- P 10 INFLUENCE OF SALT AND OSMOTIC STRESS ON GERMINATION OF DIFFERENT DOMESTIC WHEAT (*Triticum aestivum* L.) CULTIVARS UNDER LABORATORY CONDITION**, Branka GOVEDARICA, Igor ĐURĐIĆ, Tanja JAKIŠIĆ, Mirjana JOVOVIĆ, Vesna MILIĆ
- P 11 EFFECTS OF HYBRIDES AND SALT CONCENTRATION ONTO GROWTH AND DEVELOPMENT OF SPROUTING EMBRYO**, Igor ĐURĐIĆ, Branka GOVEDARICA, Tanja JAKIŠIĆ
- P 12 SWEET CORN - CONVENTIONAL TILLAGE VS. NO-TILLAGE IN HUMID CONDITIONS**, Milena MOTEVA, Georgi KOSTADINOV, Velibor SPALEVIC, Veska GEORGIEVA, Vjekoslav TANASKOVIK, Natalia KOLEVA

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- P 15 STUDY OF THE LEAF AREA AND DRY MATTER IN NEW WHEAT VARIETIES DEPENDING ON THE APPLIED NITROGEN FERTILIZATION**, Ivan YANCHEV, Dafinka IVANOVA
- P 16 EFFECT OF LIMING OF THE CONTENT OF TOTAL SUGARS, TITRATABLE ACIDS AND pH IN DIFFERENT WINE GRAPE VARIETIES**, Krasimir TRENDAFILOV, Mladen ALMALIEV
- P 17 COMPARATIVE TESTING OF MAIZE HYBRIDS (ZEA MAYS L.), CULTIVATED FOR GRAIN, UNDER NON-IRRIGATION IN CENTRAL NORTH BULGARIA**, Vanya DELIBALTOVA
- P 18 WEATHER CONDITIONS IN THE 2013 - 2015 WHEAT GROWING SEASON IN CROATIA AND BOSNIA AND HERZEGOVINA**, Mirta RASTIJA, Vlado KOVACEVIĆ, Domagoj RASTIJA, Ilija KOMLJENOVIĆ, Georg DREZNER
- P 19 DETERMINATION OF SOME BARLEY (*Hordeum vulgare* L.) VARIETIES SUITABLE FOR CYPRUS ECOLOGICAL CONDITIONS**, Reşat DEGIRMENCI, Huseyin VAROGLU, Lutfi TAHTACIOGLU
- P 20 THEORY OF IMPACT INTERACTION BETWEEN THE FEELER AND STANDING SUGAR BEET ROOT CROWNS DURING THEIR SCALPING**, Volodymyr BULGAKOV, Valerii ADAMCHUK, Margus ARAK, Jüri OLT
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- P 23 GROWTH AND PRODUCTIVITY OF *Rosmarinus officinalis* L. AS AFFECTED BY IRRIGATION AND NITROGEN FERTILIZATION IN CENTRAL GREECE: FIRST YEAR (ESTABLISHMENT) RESULTS**, Konstantinos MARTINOS, Elpiniki SKOUFOGIANNI, Nicholas G. DANALATOS
- P 24 THE EFFECT OF N-FERTILIZATION ON ROSMARINUS OFFICINALIS L. (AN UPRIGHT VARIETY) YIELD IN CENTRAL GREECE**, Eleni WOGIATZI-KAMWOUKOU, Nickolaos GOUGOULIAS, Zoi PAPADOULI, Baia THEODOSIOU, Kyriakos D GIANNOULIS
- P 25 THE USE OF UREASE INHIBITOR FERTILIZERS (AGROTAIN) AND THEIR EFFECT ON CEREAL CROPS AND COTTON YIELD**, Kyriakos D. GIANNOULIS, Dimitrios BARTZIALIS, Elpiniki SKOUFOGIANNI, Nickolaos G. DANALATOS
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- P 27 EFFECTS OF BRT® EVERGREEN AND AQUA +3 APPLICATION ON *AQUILEGIA FLABELLATA* VAR. *PUMILA* AND *PELARGONIUM PELTATUM* 'RAINBOW ROSE'**, Ildikó KOHUT, Anna RADÓ-TAKÁCS, Ildikó RISZTER, Andrea TILLYNÉ MÁNDY
- P 28 FIELD SCALE VARIABILITY IN SOIL PROPERTIES AND SILAGE CORN YIELD**, Murat BIROL, Hikmet GÜNAL, Engin ÖZGÖZ, Hüseyin ÖNEN

- P 29 INFLUENCE OF EXPLANT SOURCE AND PLANT GROWTH REGULATORS ON CALLUS INDUCTION AND SHOOT REGENERATION OF CHICORY (*Cichorium intybus* L.),** Mehdi MOHEBODINI, Homeira HADIZADEH, Behrouz ESMAELPOUR, Esmail CHAMANI
- P 30 A STUDY OF THE EFFECTS OF DIFFERENT BIO-FERTILIZERS AND AMMONIUM PHOSPHATE LEVELS ON THE YIELD OF SUNFLOWER,** Morteza BARMAKI
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- P 37 QUALITATIVE AND PRODUCTIVE PROPERTIES OF BIO-FORTIFICATION SOFT WHEAT OF THE VARIETIES „RADIKA,, ,** Marija MENKINOSKA, Valentina PAVLOVA, Tatijana BLAZEVSKA
- P 38 STUDY OF THE EFFECT OF DROUGHT STRESS ON GERMINATION AND SEEDLINGS GROWTH OF FIVE VARIETIES OF RAPESEED (*BRASSICA NAPUS*),** Souhail CHANNAOUI, Rahal ELKAHKAHI, Hamid MAZOUZ, Jamal CHARAFI, Mohamed EL FECHTALI, Abdelghani NABLOUSSI
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- P 43 THE INFLUENCE OF Nano-Gro® PREPARATION ON GROWTH, DEVELOPMENT AND YIELD OF SWEET BASIL (*OCIMUM BASILICUM* L.),** Wiesława ROSŁON, Olga KOSAKOWSKA, Anna AMBROSZCZYK, Ewa OSIŃSKA

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- P 55 ANATOMY FEATURES OF LAVANDULA ANGUSTIFOLIA MILL. AND LAVANDULA HYBRIDA REV. PLANTS IN VITRO**, Valentine BRILKO, Olga MITROFANOVA, Nina LESNIKOVA-SEDOSENKO, Svetlana CHELOMBIT, Irina MITROFANOVA
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- P 62 THE EFFECT OF GENOTYPE ON THE MORPHO-PRODUCTIVE CHARACTERISTICS OF SOYBEAN [*Glycine max. (L) Merr.*] AS SECOND CROP**, Dragan TERZIĆ, Vera POPOVIĆ, Bora DINIĆ, Vera RAJIČIĆ, Jela IKANOVIĆ, Tanja VASIĆ, Jasmina MILENKOVIĆ
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- P 67 THE EFFECT OF MINERAL NITROGEN NUTRITION ON THE PRODUCTIVE ELEMENTS OF SPRING MALTING BARLEY EARS**, Jasmina KNEŽEVIĆ, Desimir KNEŽEVIĆ, Miroљjub AKSIĆ, Nebojša GUDŽIĆ, Dalibor TOMIĆ, Dragan TERZIĆ
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- P 70 PRODUCTIVITY OF HEXAPLOID SPELT WHEAT - TRITICUM AESTIVUM SPP. SPELT GROWN ON DEGRADED SOIL**, Jela IKANOVIĆ, Vera POPOVIĆ, Snezana JANKOVIC, Gordana DRAŽIĆ, Ljubiša ŽIVANOVIĆ, Željko LAKIĆ, Mladen TATIC, Jasna SAVIĆ
- P 71 IMPACT OF LIMING ON CHEMICAL PROPERTIES OF SOIL IN RASPBERRY ORCHARD**, Ljiljana BOŠKOVIĆ-RAKOČEVIĆ, Gorica PAUNOVIĆ, Radmila ILIĆ, Goran DUGALIĆ, Ivan GLIŠIĆ
- P 72 SIGNIFICANCE OF AGRO-ECOLOGICAL CONDITIONS ON TRAIT FORMATION OF MAIZE HYBRID SEED**, Marijenka TABAKOVIĆ, Snežana JOVANOVIĆ, Rade STANISAVLJEVIĆ, Ratibor ŠTRBANOVIĆ, Miloš CREVAR, Dobrovoj POŠTIĆ, Jasna KOJIĆ
- P 73 VITAMIN PROFILES OF MAIZE LANDRACES FROM A MINI CORE COLLECTION FOR GRAIN QUALITY**, Jelena VANČETOVIĆ, Jelena MESAROVIĆ, Dragana IGNJATOVIĆ-MIĆIĆ, Sofija BOŽINOVIĆ, Ana NIKOLIĆ, Dragana MRĐEN, Milan STEVANOVIĆ
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- P 390 CONTENT AND ACCUMULATION OF HEAVY METALS IN BLACK SOILS TYPICAL FOR RUSSIAN FOREST-STEPPE**, Ekaterina BRINDUKOVA, Igor PIGOREV
- P 391 CONTENTS OF COPPER AND ZINC IN SOME TYPES OF FRUIT BRANDIES**, Goran MARKOVIĆ, Jelena PANTOVIĆ, Jelena POPOVIĆ ĐORĐEVIĆ, Milovan ŠARAC
- P 392 CYTOTOXICITY, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF CAPSICUM ANNUUM L.**, Jelena MLADENOVIĆ, Radoš PAVLOVIĆ, Jasmina ZDRAVKOVIĆ, Nenad PAVLOVIĆ
- P 393 PHENOLIC COMPONENTS AND ANTIMICROBIAL ACTIVITY OF THE VARIOUS CAPS ANTIOXIDANTS TYPES OF CARROT**, Jelena MLADENOVIĆ, Radoš PAVLOVIĆ, Jasmina ZDRAVKOVIĆ, Nenad PAVLOVIĆ

- P 394 BIODIESEL PRODUCTION FROM ROADSIDE PENNYCRESS (*Thlaspi alliaceum* L.) OIL,** Milan KOSTIĆ, Nataša JOKOVIĆ, Olivera STAMENKOVIĆ, Vlada VELJKOVIĆ
- P 395 SOIL QUALITY IN URBAN GARDENS IN NOVA GORICA, SLOVENIA,** Suzana ŽIŽEK, Grega SARKA, Marilyne PFLIEGER
- P 396 THE EFFICACY OF SOME HERBICIDES AGAINST BROOMRAPE AND MAJOR WEEDS IN THE FOOD LEGUMES FIELDS AND THEIR SENSITIVITY,** Antoine SHOMAR, Naïem AL HUSSEIN, Khaled EL SHAMAA, Bassam BAYAA
- P 397 BIOCONTROL POTENTIAL OF ENDOPHYTIC AGENTS AGAINST PYTHIACEAE CAUSING DIEBACK OF APPLE TREES,** Yosra Ben M'henni, Slim Tounsi, Sabine Fillinger, Naima Boughalleg M'hamdi
- P 398 MOLECULAR EVIDENCE ON SYMBIOTIC RELATIONSHIPS BETWEEN BRACOVIRUS AND SPODOPERA LITTORALIS (LEPIDOPTERA: NOCTUIDAE),** Nurper GUZ, Asli DAGERI
- P 399 GENETIC DIVERSITY ANALYSIS ON SOME SPECIES OF SILENE L. (CARYOPHYLLACEAE) FROM TURKEY BY USING RAPD-PCR,** Asli DAGERI, Nazan D. DERE, Yavuz BAGCI, Ahmet SAVRAN, Murad Aydin SANDA
- P 400 CONSUMERS` SURVEY OF INDUSTRIAL FISH SOUP PRODUCED FROM THREE DIFFERENT FISH SPECIES,** Bekir TUFAN, Sevim KÖSE, Matevž POMPE, Marjan VEBER
- P 401 DETERMINATION OF SOME FACTORS AFFECTING POPULATION INTENSITY AND SPREAD OF SYRINGOPAIS TEMPERATELLA LEDERER, (LEPIDOPTERA: SCYTHRIDIDAE) IN NORTHERN CYPRUS,** Celalettin GÖZÜAÇIK, Mustafa GÜLLÜ, Ayda KONUKSAL
- P 402 CONTRIBUTION TO THE ASILIDAE (DIPTERA) FAUNA OF SOUTHEASTERN ANATOLIA, TURKEY,** Celalettin GÖZÜAÇIK, İnanç ÖZGEN
- P 403 DETERMINATION OF DAMAGE STATUS AND MAIN STRUGGLE FOR BIOLOGICAL CRITERIA OF HAPLOTHRIPS TRITICI KURDJ. (THYSANOPTERA: PHLAEOTHIRIPIDAE) ON WHEAT IN SOUTHEAST ANATOLIA, TURKEY,** Celalettin GÖZÜAÇIK, Vedat KARACA, Ecevit EYDURAN
- P 404 DO BUR CUCUMBER POPULATIONS EXHIBIT DIFFERENCES IN SEED DORMANCY?,** Cumali OZASLAN, Sonnur TAD, Huseyin ONEN, Shahid FAROOQ
- P 405 DETERMINING EFFICIENCY OF ADDITIVE ADDITION ON PERFORMANCE OF GRANSTAR,** Derya ÖĞÜT-YAVUZ, Özhan BOZ, Mehmet Nedim DOĞAN
- P 406 WEED CONTROL IN MAIZE FIELDS USING BANDED HERBICIDE APPLICATION,** Ünal ASAV, Ergin DURSUN, Barış Özgür KOÇTÜRK, Ahmet Tansel SERİM
- P 407 EFFICACY OF A ZW FORMULATED INSECTICIDE ON DIFFERENT SURFACES AGAINST SOME STORED PRODUCT PESTS,** Erhan KOÇAK
- P 408 POPULATION FLUCTUATION AND SOME CRITERIA FOR CONTROLLING OF PISTACHIO TWIG BORER, Kermania pistaciella Amsel (LEPIDOPTERA: OINOPHILIDAE),** Ertan YANIK, Yakup YILDIRIM
- P 409 PRESENCE OF *Escherichia coli* IN MEDITERRANEAN MUSSEL (*Mytilus galloprovincialis*) AND SEA SNAIL (*Rapana venosa*) FROM BLACK SEA, TURKEY,** Ertuğrul TERZİ
- P 410 MYCELIAL COMPATIBLE GROUPS OF THE SCLEROTIUM ROLFSII ISOLATES AND COMPARISON OF VIRULENCE,** İpek YAŞAR, Figen MERT-TÜRK

- P 411 DETERMINATION OF THE EFFECT OF TEBUCONAZOLE ON *in vitro* MYCELIAL GROWTH AND CONIDIUM GERMINATION OF *Fusarium culmorum* CONDITION**, Tuğba TOÇAN, Figen MERT-TÜRK
- P 412 IMPORTANCE OF COLD CHAIN FOR FOOD SAFETY**, Gizem ÖZDEMİR
- P 413 INVESTIGATION ON VIRUSES CAUSING YELLOWING DISEASE IN PEPPER IN HATAY PROVINCE, TURKEY**, Yücel ÖZDAĞ, Gülşen SERTKAYA
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- P 415 INCIDENCE OF SOME FUNGAL DISEASES OF WHEAT PRODUCTION AREAS IN THE AEGEAN COSTAL REGION**, Hakan HEKIMHAN, Ramazan GENCER, Aydın IMAMOĞLU, Seda PELİT, S.Nergiz CELİK, Yesim EGERCİ, Ahmet KALIN
- P 416 INCIDENCE OF SOME FUNGAL DISEASES OF BARLEY PRODUCTION AREAS IN THE AEGEAN COSTAL REGION**, Hakan HEKIMHAN, Ramazan GENCER, S.Nergiz CELİK, Aydın IMAMOĞLU, Seda PELİT, Yesim EGERCİ, Ahmet KALIN
- P 417 OCCURRENCE AND DISTRIBUTION OF WHEAT SEED GALL NEMATODE, [*Anguina tritici* (Steinbuch) Filipjev] IN WHEAT (*TRITICUM AESTIVUM* L.) GROWING AREAS IN THRACE REGION OF TURKEY**, Adnan TULEK, Tuğba Hilal CİFTÇİGİL, Kemal AKIN, İlker KEPENEKCI, Abdelfattah A. DABABAT, Hakan HEKIMHAN
- P 418 ASSESMENT OF RESISTANCE TO SOME INSECTICIDES AND CHANGES IN ENZYME ACTIVITY OF *Bemisia tabaci* (GENN.) Q BIOTYPE**, Hüseyin GÖÇMEN, Utku YÜKSELBABA
- P 419 PHYLOGENETIC ANALYSIS OF TOMATO YELLOW LEAF CURL VIRUS ISOLATES FROM ANTALYA, TURKEY**, Salisu SULLY, Mine Gul-Seker, Ibrahim Ozer ELİBUYUK
- P 420 WHEN SHOULD THE FRUIT BE CONSUMED IN TERMS OF NUTRITION?**, Kazim GUNDUZ, Safder BAYAZIT, Oguzhan CALISKAN
- P 421 EFFECT OF AIR DRYING AND DEEP FREEZING STORAGE ON FATTY ACID COMPOSITION OF ROSE HIP SEEDS**, Mehmet GÜNEŞ, Göknur ŞAHİN, Ümit DÖLEK, Mahfuz ELMASTAŞ
- P 422 SHELF LIFE OF 'NANTES' CARROT TREATED WITH AQUEOUS 1 METHYLCYCLOPROPENE**, Muharrem ERGUN, Zahide SÜSLÜOĞLU, Awat Ali HÜSSEİN, Najat Ghareeb KAREEM, Nazan ERGUN, Nusret ÖZBAY
- P 423 OUTBREAK OF BACTERIAL CANKER OF TOMATO CAUSED BY *CLAVIBACTER MICHIGANENSIS* SUBSP. *MICHIGANENSIS* IN THE AEGEAN REGION OF TURKEY**, Neziha ARSLAN, Nursen ÜSTÜN
- P 424 EFFECT OF HOT-WATER TREATMENT ON BLACK-FOOT DISEASE OF GRAPEVINE**, Nurdan GÜNGÖR SAVAŞ, Yüksel SAVAŞ, D. Soner AKGÜL
- P 425 A TRANSCRIPT ENCODING RYANODINE RECEPTOR - LIKE PROTEIN IN *SPODOPTERA LITTORALIS***, Nurper GUZ
- P 426 DETERMINATION OF POTATO Y POTYVIRUS STRAINS IN GREENHOUSE TOMATOES IN AEGEAN REGION OF TURKEY**, Sabriye ÖZDEMİR, Serpil ERİLMEZ, Semih ERKAN, İsmail C. PAYLAN
- P 427 BIOLOGICAL AND COT PROTEIN ANALYSIS OF *Arabis mosaic virus* (ArMV) IN IRAN**, Sahra HOSSEINALIZADEH, Reza POURRAHIM

- P 428** **FIELD EVALUATION OF PHEROMONE-WATER TRAPS AGAINST TOMATO LEAFMINER (Tuta absoluta) IN TURKEY**, Tülin KILIÇ, Duygu UYSAL, Bilgin GÜVEN, Ekrem KAYA
- P 429** **ASSESSMENT OF RESISTANCE TO SOME INSECTICIDES AND CHANGES IN ENZYME ACTIVITY OF Bemisia tabaci (GENN.) Q BIOTYPE**, Hüseyin GÖÇMEN, Utku YÜKSELBABA
- P 430** **THE EFFECTS OF GA₃ APPLICATION IN DIFFERENT ENVIRONMENTAL CONDITIONS ON THE SURVIVAL ABILITY OF THE SEEDS OF PISTACIA SPECIES AND CULTIVARS**, Yusuf NİKPEYMA
- P 431** **USE OF HOT WATER TREATMENT TO CONTROL CROWN ROT DISEASE OF BANANA**, Mohamed Othman AL-AMODI

Friday, October 6th, 2016

12:00 - 12:30 POSTER SESSION

ORGANIC AGRICULTURE

Conference Hall B (Hotel Termag)

Working committee

Chairman: Nouredin DRIOUECH, Snezana OLJACA, Kenny LAHCEN

- P 432** **INFLUENCE OF SPECIAL HERBAL PREPARATION ON GROWTH AND DEVELOPMENT OF CUCUMBER, PEPPER AND TOMATO**, Srdjan LJUBOJEVIC, Viktor I. ELISEEV
- P 433** **EFFECT OF ORGANIC AND CONVENTIONAL PRODUCTION ON SELECTED CHARACTERISTICS OF DRY BEAN (Phaseolus vulgaris L.)**, Bojana PETROVIC, Simonida DJURIC, Mirjana VASIC, Vesna TUNGUZ, Robert POKLUDA
- P 434** **SIGNIFICANCE OF THE COMMON AGRICULTURAL POLICY FOR ORGANIC FARMS ECONOMICS IN POLAND**, Wioletta WRZASZCZ, Józef St. ZEGAR
- P 435** **USING MOISTURE CONTROLLING SUPERABSORBENTS FOR IMPROVEMENT OF BARLEY YIELD CAPACITY**, Vyacheslav A. KUZNETSOV, Maria. S. LAVLINSKAYA, Irina V. OSTANKOVA, Victor N. SEMENOV, Vladimir F. SELEMENEV, Alexey L. LUKIN, Olga B. MARAEVA, Sergey N. SELYAVKIN, Denis E. SHEVTSOV
- P 436** **EFFECT OF ORGANIC GROWING SYSTEM ON MICROBIAL POPULATION IN RHIZOSPHERE OF MEDICINAL AND AROMATIC PLANT SPECIES**, Nastasija MRKOVAČKI, Dragana BJELIĆ, Ivica ĐALOVIĆ, Dušan ADAMOVIĆ, Jelena MARINKOVIĆ, Marija ŠKRINJAR
- P 437** **EFFECT OF SOME BIOLOGICAL PRODUCTS IN CONTROLLING YOUNG OLIVE TREES DIEBACK**, Khaled HIBAR, Mohamed Ali TRIKI, Mejda DAAMI-REMADI
- P 438** **EFFECT OF ORGANIC PRIMING ON SEEDLING EMERGENCE OF WATERMELON UNDER LOW TEMPERATURE STRESS**, Kazım MAVİ, Mehmet ATAK
- P 439** **EVALUATION OF ANTI-FUNGAL EFFECTS OF PROPOLIS EXTRACTS**, Yusuf YANAR, Sabriye BELGÜZAR, Dürdane YANAR
- P 440** **THE INFLUENCE OF DIFFERENT ORGANIC FERTILIZERS ON YIELD OF CAULIFLOWER**, Selma ÖZTEKİN, Tekin ÖZTEKİN, Nurhan MUTLU, Gülçin ALTINTAŞ, Naif GEBOLOĞLU, Mahfuz ELMATAŞ, Mine AYDIN, Ömer Faruk NOYAN
- P 441** **REGRESSION ANALYSIS OF ROTATIONAL INTENSITY, CROP DIVERSITY INDEX, LAND UTILIZATION INDEX AND YIELD EFFICIENCY IN BIO-INTENSIVE AND CONVENTIONAL FARMING SYSTEMS IN NEPAL**, Binayak P. RAJBHANDARI

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- P 442 BIOMASS PRODUCTION OF MORINGA (*Moringa oleifera* L.) AT VARIOUS SOWING DEPTHS IN A COARSE TEXTURED SOIL**, Suarau Odotola OSHUNSANYA, Ademidotun AYENI, John Adeniyi FAGBENRO
- P 443 MYCOFLORA ANALYSIS AND INTERACTION STUDY OF PATHOGENS-ANTAGONISTS FUNGI ON WATERMELON DEVELOPMENT IN TUNISIA**, Ibtissem BEN SALEM, Abdelhak RHOUMA, Hiba ALLAGUI, Naima BOUGHALLEB-M'HAMDI
- P 444 COMPARATIVE EVALUATION OF SUPPRESSIVE EFFECTS OF ESSENTIAL OILS ON FUNGAL PATHOGENS**, Raoudha KHANFIR BEN JENANA, Chourouk ZAHAF, Hazem BEN BRAHIM, Cherif HANACHI
- P 445 IMPACT OF SALICYLIC ACID, CYANOCOBALAMIN AND GLUTAMIC ACID ON FRUITING OF BARHY DATE PALMS GROWN UNDER UPPER EGYPT CONDITIONS**, Ahmed M. K. ABDEL AAL, Faissal F. Ahmed, Hussein H. SAIED
- P 446 WINTER WEEDS AND ITS CONTROL IN MEDICINAL PLANTS IN EGYPT: SURVEY STUDY**, Hussein Fawzy ABOUZIENA, Saber Fayed HENDAWY
- P 447 ORGANIC FARMING AS GREAT CHALLENGE FOR GEORGIAN FARMERS**, Kakha NADIRADZE, Nana PHIROSMANASHVILI, Mariam GOGINASHVILI
- P 448 THE INTERACTIVE EFFECT OF ORGANIC MANURE, PHOSPHATE FERTILIZATION, AND IRRIGATION WATER QUALITY ON GROWTH AND YIELD OF WHEAT**, S. K. TAWFEEQ, N. M. MUHAWISH
- P 449 EFFECTS OF PREPARATION 501 ON VERDICCHIO GRAPEVINE**, Mario MALAGOLI, Giulio MASATO, Adriano ZAGO
- P 450 REMOVAL EFFICIENCY BY SUNFLOWERS IRRIGATED WITH DILUTED LANDFILL LEACHATE**, Francesco GARBO, Maria Cristina LAVAGNOLO, Michela SCHIAVON, Raffaello COSSU, Mario MALAGOLI
- P 451 AGRICULTURAL EVALUATION OF POULTRY MANURE COMPOST QUALITY USING A RADISH CROP**, Qamar RZINA, Nabila SAADAOU, Majida LAHROUNI, Soukaina RIDA, Mohamed Yassir ALMOSSAID, Khalid OUFDOU, Khalid FARES
- P 452 ORGANIC CERTIFICATION: A CASE STUDY OF ORGANIC VALLEY, NEPAL**, Sabita ARYAL KHANNA, Lekendra TRIPATHEE
- P 453 EFFECT OF BIOPULS APPLICATION ON GROWTH AND YIELD OF TOMATO, CUCUMBER AND STRAWBERRY**, Luiza DAWIDOWICZ, Lidia SAS PASZT, Jerzy KRUK
- P 454 ALLELOPATHIC INFLUENCE OF ASCLEPIAS SYRIACA L. ROOT EXTRACT ON GERMINATION OF AMBROSIA ARTEMISIIFOLIA L.**, Milena POPOV, Milan BLAGOJEVIĆ, Nataša SAMARDŽIĆ, Bojan KONSTANTINOVIC
- P 455 EFFECT OF IRRIGATION ON YIELD AND QUALITY OF SOYBEAN IN ORGANIC CROPPING SYSTEM**, Vera POPOVIĆ, Miloš VIDIĆ, Gordana DRAŽIĆ, Vladimir SIKORA, Livija MAKSIMOVIĆ, Dragan TERZIC, Snežana JAKŠIĆ, Jela IKANOVIC
- P 456 QUALITY OF ORGANIC VS. CONVENTIONAL LETTUCE (*LACTUCA SATIVA* L.)**, Bouthaina AL MOHANDES DRIDI, Jameledine BEN ABDA, Salem LAKHAL, Mounira ELBAZ, Imed BEN ATTIA, Amel LACHKAR
- P 457 THE CHALLENGE OF DATES-PALM BRANCHES WASTES USE FOR PEAT SUBSTITUTION IN NURSERY PRODUCTION**, Najla DHEN, Rami TOURJMEN, Olfa HADDAOUI, Amin ZOUBA, Bouthaina AL MOHANDES DRIDI
- P 458 BIOINDIKATORS AND ENVIROMENTAL POLLUTION**, AyşeYEŞİLAYER, Nihat YEŞİLAYER

ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT

Conference Hall E (Hotel Vucko)

Friday, (October 7th, 2016), 18:00 - 18:30

Working committee

Chairman: Velibor Spalevic, Vjekoslav TANASKOVIC

- P 459** **MORPHOLOGICAL DIVERSITY OF WILD MYRTLE (MYRTUS COMMUNIS L.) POPULATIONS IN ALBANIA**, Dhimitër PEÇI, Alfred MULLAJ, Xhensila METKO, Gledjan CAKA, Aida DERVISHI
- P 460** **PHYSICAL AND CHEMICAL CHARACTERISTICS OF RAW WASTEWATER FROM MEAT PROCESSING PLANTS IN ALBANIA**, Ilirjana BOCI, Xhuljeta HAMITI, Sonila VITO
- P 461** **DYNAMICS OF WASTEWATER QUALITY BEFORE AND AFTER TREATMENT THROUGH PILOT PLANT**, Irena DUKA, Seit SHALLARI, Romina KOTO, Marsela ALIKAJ, Ardian MAÇI, Julian SHEHU
- P 462** **THE EVALUATION OF AIR POLLUTION IN SOUTH-EASTERN REGION OF ALBANIA**, Lirim BEKTESHI, Pranvera LAZO, Trajçe STAFILLOV
- P 463** **BEHAVIOUR OF SEVERAL APPLE (MALUS DOMESTICA BORKH.) CULTIVARS GROWN UNDER AGRO-ECOLOGICAL CONDITIONS OF GJAKOVA, KOSOVO**, Gjakë DUHANAJ, Lush SUSAJ
- P 464** **EFFECTS OF FRUIT THINNING METHOD ON FRUIT QUALITY INDICATORS OF "ROYAL GALA" APPLE CULTIVAR, UNDER GJAKOVA'S CLIMATE CONDITIONS**, Gjakë DUHANAJ, Lush SUSAJ, Elisabeta SUSAJ, Nikollaq ROSHANJI
- P 465** **CHEMICAL-LIMNOLOGICAL ASSESMENT OF WATER QUALITY OF VIROI LAKE (ALBANIA)**, Marsela ALIKAJ, Irena DUKA, Romina KOTO, Ferdi BRAHUSHI
- P 466** **CONSERVATION OF BIODIVERSITY AND GEOGRAPHICAL INDICATIONS IN MOUNTAIN AREA OF ALBANIA**, Roland BARDHI, Alban IBRALIU
- P 467** **AN IMPROVED SIMULATION METHOD OF CRUDE OIL FRACTIONAL SEPARATION TO ACHIEVE A HIGHER QUALITY IN NATURAL SOURCE MANAGEMENT**, Xhaklina CANI, Ilirjan MALOLLARI, Ismet BEQIRAJ, Lorina LIÇI
- P 468** **EFFECTS OF ENTOMOPATHOGENIC BACTERIA ON HONEYBEES APIS MELLIFERA INTERMISSA. EVALUATION OF PHYSIOLOGICAL CHANGES**, Hakima OULEBSIR-MOHANDKACI, Farida BENZINA, Arezki MOHAMMEDI
- P 469** **SEX RATIO IN LOCAL POPULATION OF SPECIES CHONDROSTOMA PHOXINUS HECKEL, 1843 (TELEOSTEI: OSTARYOPHYSI, CYPRINIDAE) FROM BUŠKO LAKE**, Denisa ŽUJO ZEKIĆ, Mirzeta KAŠIĆ-LELO, Suvad LELO, Aida ABAZA
- P 470** **EFFECT OF CLIMATE CHANGE ON AGRO HYDROLOGICAL BALANCE FOR SOME REGIONS IN BOSNIA AND HERZEGOVINA**, Sabrija ČADRO, Jasminka ŽUROVEC, Ajla MRKULIĆ, Dženita ŠEHIĆ, Amela ŠERO, Gvozden MIČIĆ
- P 471** **HABITAT TYPES OF EUROPEAN IMPORTANCE IN THE AREA OF WETLANDS GROMIZELJ (BOSNIA AND HERZEGOVINA)**, Sladjana PETRONIC, Natasa BRATIC, Tanja JAKISIC, Vesna TUNGUZ
- P 472** **ASTERACEAE IN THE FLORA OF THE JAHORINA MOUNTAIN (BOSNIA AND HERZEGOVINA)**, Sladjana PETRONIC, Natasa BRATIC
- P 473** **RUDERAL ASSOCIATION SAMBUCETUM EBULI FELFÖDY 1942. OF THE MUNICIPALITY OF PALE (BOSNIA AND HERZEGOVINA)**, Sladjana PETRONIC, Natasa BRATIC

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- P 474 THE PROPOSAL OF MEASURES RECLUTIVATION OF LANDFILLS, BOSNIA AND HERZEGOVINA**, Vesna TUNGUZ, Sladjana PETRONIC, Mirko KULINA, Ivana BOSKOVIC, Natasa BRATIC
- P 475 EFFECT OF COMPOST APPLICATION ON CHEMICAL COMPOSITION AND QUALITY OF ORIENTAL TOBACCO KRUMOVGRAD 90**, Violina ANGELOVA, Venelina POPOVA, Radka IVANOVA, Givko TODODROV, Krasimir IVANOV
- P 476 SPECTROSCOPIC CHARACTERIZATION OF HUMIC SUBSTANCES OF ANTHROPOGENIC SOILS DERIVED FROM TERRA ROSSA**, Aleksandra BENSA, Boško MILOŠ, Nikolina JURKOVIĆ BALOG, Ivana TORIĆ
- P 477 CHANGES OF THE SOL PHYSICAL PROPERTIES IN AREA IMPACT OF ZAGREB-SPLIT HIGHWAY IN CROATIA**, Danijela JUNGIC, Vida VLADIMIR, Stjepan HUSNJAK
- P 478 SOLANACEAE DIVERSITY IN VIETNAM: A PRELIMINARY TAXONOMIC INVENTORY FOR CONSERVATION AND UTILIZATION**, Le Hoang PHAM, Michael BÖHME
- P 479 ALPHA AND BETA PLANT DIVERSITY IN MULTISPECIES AGROECOSYSTEMS OF CENTRAL GREECE**, Alexandra D. SOLOMOU, Eliniki SKOUFOGIANNI
- P 480 MICROBIAL COMMUNITY PROFILES IN RESPONSE TO DIFFERENT SOIL MANAGERMENTS IN SANDY SOIL**, Ibolya DEMETER, Marianna MAKÁDI, Attila TOMÓCSIK, Tibor ARANYOS, Katalin POSTA
- P 481 APPLICATION OF IntErO MODEL FOR SOIL LOSS ESTIMATION CASE STUDY: S7-1 WATERSHED OF SHIRINDAREH RIVER BASIN, IRAN**, Leila GHOLAMI, Pedro VELOSO GOMES BATISTA, Atefeh BEHZADFAR, Abdulvahed KHALEDI DARVISHAN, Morteza BEHZADFAR
- P 482 APPLICATION OF MYCORRHIZAL FUNGI IN LANDSCAPE TURFGRASS ESTABLISHMENT UNDER ARID AND SEMIARID ENVIRONMENTS**, Ghazi N. AL-KARAKI
- P 483 IMPACT OF INULIN ON CALVES' GROWTH AND POSSIBLE REDUCTION OF GREENHOUSE GAS EMISSION**, Aija ILGAZA, Astra ARNE, Sintija GORODKO, Agris ILGAZS
- P 484 VISUAL IMPACT OF WIND TURBINES IN LITHUANIAN LANDSCAPE**, Jonas ABROMAS, Dovilė KALKĖ
- P 485 SPRINKLER IRRIGATION MANAGEMENT FOR PASTURE IN LOAM SOIL**, Vladimir ZHALIAZKO, Viktor LUKASHEVICH, Otilija MISECKAITE
- P 486 INFLUENCE OF AGROCHEMICAL REHABILITATION ON THE HEAVY METAL MIGRATION TO THE WATER**, Yuri MAZHAYSKIY, Olga CHERNIKOVA, Alexey KARPOV, Otilija MISECKAITE
- P 487 REPRESENTATION OF THE CONTENT OF INORGANIC NITROGEN IN ELESKA RIVER**, Tatjana BLAZHEVSKA, Marija MENKINOSKA, Valentina PAVLOVA, Viktorija STAMATOVA, Nikola LEKOVSKI
- P 488 EFFECTS OF IRRIGATION AND FERTILIZATION ON THE NUMBER OF FORMED FLOWERS AND FRUITS SETS IN PRUNED PEPPER**, Vjekoslav TANASKOVIC, Ordan CUKALIEV, Velibor SPALEVIC, Milena MOTEVA, Mile MARKOSKI
- P 489 EFFECT OF NITROGEN FERTILIZATION TYPES ON THE SOIL MICROBIAL BIOMASS AND GREENHOUSE GASES EMISSION**, Małgorzata GAŁCZYŃSKA, Renata GAMRAT, Piotr BURCZYK, Wiera MICHALCEWICZ
- P 490 IMPORTANCE OF THE BUFFER ZONE OF THE WATER INTAKE FOR THE MAINTENANCE OF AGROSYSTEM PHYTODIVERSITY**, Renata GAMRAT, Małgorzata GAŁCZYŃSKA, Monika MAJDOSZ, Andrzej ŁYSKO

- P 491 CHLORINE IN RENEWABLE FUELS - MOBILITY AND EFFECTIVENESS OF BINDING IN THE BOILER FURNACE**, Danuta KRÓL, Sławomir POSKROBKO
- P 492 THE REDUCTION OF NICOTINE CONTENT IN THE COMPOSTING PROCESS OF TOBACCO WASTE MIXING WITH SHEEP AND CHICKEN DROPPINGS**, Gordana KULIĆ, Nemanja MANDIĆ, Vesna RADOJIČIĆ, Maja MALNAR
- P 493 QUALITY ANALYSIS OF THE MISCANTHUS X GIGANTEUS BIOMASS CULTIVATED IN AGROECOLOGICAL CONDITIONS OF THE REPUBLIC OF SERBIA**, Jelena MAKSIMOVIĆ, Željko DŽELETOVIĆ, Zoran DINIĆ, Aleksandra STANOJKOVIĆ-SEBIĆ, Radmila PIVIĆ
- P 494 PREDICTION OF AVAILABLE SOIL ZINC USING CHEMICAL EXTRACTANTS**, Jelena MILIVOJEVIĆ, Vera ĐEKIĆ, Miodrag JELIĆ, Zoran SIMIĆ, Vesna PERIŠIĆ
- P 495 CHARACTERISTICS OF SOIL AROUND THE MAIN DUMP IN NOVI SAD (SERBIA) AND PROPOSAL FOR ITS RECULTIVATION**, Ljiljana NEŠIĆ, Dunja KRSTIĆ, LazarPAVLOVIĆ, Milivoj BELIĆ, Jovica VASIN, Vladimir ĆIRIĆ
- P 496 THE POSSIBILITY OF USING BURLEY TOBACCO STALKS AS A BIOFUEL**, Maja MALNAR, Vesna RADOJIČIĆ, Gordana KULIĆ, Nemanja MANDIĆ, Savo SKOČIĆ
- P 497 AGRO-CHEMICAL CHARACTERISTICS OF SOIL IN RASPBERRY-GROWING REGION OF IVANJICA (SERBIA)**, Mira MILINKOVIC, Rade MILETIĆ, Milan LUKIĆ
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- P 726 ECONOMIC EFFECTS OF PLUM PRODUCTION ON FAMILY FARMS IN THEREPUBLIC OF SERBIA**, Jasmina FILIPOVIC, Sladjan STANKOVIC, Dragan RAHOVIC, Ivana BAKIC, Robert RADISIC, Vedran TOMIC
- P 727 GROSS MARGIN OF PEPPER PRODUCTION IN THE POMORAVLJE REGION, SERBIA**, Jasmina FILIPOVIC, Snezana JANKOVIC, Sladjan STANKOVIC, Janja KUZEVSKI, Robert RADISIC, Vedran TOMIC
- P 728 ADVISORY SERVICES: VARIOUS MODELS OF FINANCING**, Snezana JANKOVIC, Sladjan STANKOVIC, Robert RADISIC, Vedran TOMIC, Nikola LJILJANIC, Nenad KATANIC, Bratislav PESIC
- P 729 SUSTAINABLE AGRICULTURE IN THE LOCAL ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONTEXT IN WEST STARA PLANINA MUNICIPALITIES (SERBIA)**, Suzana DJORDJEVIC-MILOSEVIC, Slobodan MILOSEVIC, Sladjana DJORDJEVIC
- P 730 AGRICULTURAL PRODUCTION AND ECONOMIC GROWTH IN BOSNIA-HERZEGOVINA: AN ECONOMETRIC ANALYSIS**, Esra CEBECİ
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- P 732 CONNECTING SUSTAINABLE AGRICULTURAL NETWORKS IN EUROPEAN UNION AND TURKEY**, Ozge Geyik
- P 733 ANALYSIS ON THE REFLECTIONS OF CLIMATE AND FINANCIAL CRISIS ON TURKEY'S AGRICULTURE MARKET**, Selma Kayalak
- P 734 CHILDREN'S ECONOMIC ACTIVITIES IN AGRICULTURE IN TURKEY**, Tugce UGUR, Kasim Eren TUNA
- P 735 A COMPARATIVE LIVELIHOOD STUDY OF FARMERS AT DIFFERENT ORGANIC FARMERS MARKETS IN COSTA RICA**, Antonella VASTOLA, Gabriela SOTO, Kathryn BONHAM

FORESTRY AND AGRO-FORESTRY

Conference Hall F (Hotel Termag - Koliba)

Friday, (October 7th, 2016), 09:45 - 10:15

Working committee

Chairman: Mihail MAREK, Sasa ORLOVIC, Srdjan LJUBOJEVIC

- P 736** **ECOLOGY AND BIODIVERSITY OF ISOPODA (ARTHROPODA, CRUSTACEA) IN DIFFERENT ORCHARDS AT HUNTING RESERVE OF ZERALDA (ALGERIA)**, Ahlem RAYANE, Meriem KROUN, Salma CHAIB, Ilham SAHKI, Ourida KHERBOUCHE-ABROUS, Lynda BELADJAL
- P 737** **ECOLOGY OF SPIDERS IN DIFFERENT ORCHARDS AT THE HUNTING RESERVE OF ZERALDA (ALGERIA)**, Salma CHAIB, Badea BASSA, Amina SAADI, Ahlem RAYANE, Ourida KHERBOUCHE-ABROUS, Lynda BELADJAL
- P 738** **STUDY OF CHESTNUT (CASTANEA SATIVA MILL.) BEHAVIOR FOR THE PURPOSE OF VALORIZATION AND EXTENSION**, Khellaf RABHI, Mahand MESSAOUDENE
- P 739** **COMPARISON ON THE DENDROMETRIC PROPERTIES OF SILVER BIRCH BETULA PENDULA ROTH AND DOWNY BIRCH B. PUBESCENS EHRH. GROWING IN THE SIMILAR CONDITIONS**, Imants LIEPA, Olga MIEZĪTE, Dagnija BĒRZIŅA, Aigars INDRIKSONS, Linards SISENIS
- P 740** **THE COMPARISON OF GREY ALDER'S (ALNUS INCANA (L.) MOENCH) VEGETATION ON ABANDONED AGRICULTURAL LANDS AND RIPARIAN FORESTS IN LATVIA**, Inga STRAUPE, Liga LIEPA, Santa SIRMOVICA
- P 741** **SANITARY CONDITION OF PICEA ABIES (L.) KARST. YOUNG FOREST STANDS DEPENDING ON THE SPATIAL SPECIFICITY**, Jelena RUBA, Olga MIEZITE, Imants LIEPA
- P 742** **THE REGROWTH CONSERVATION AFTER SELECTION CUTTING OF FOREST STANDS GROWING IN HYLOCOMIOSA SITE TYPE**, Olga MIEZĪTE, Jelena RŪBA, Edgars DUBROVSKIS, Valters VĒRĪŅŠ
- P 743** **THE EFFECTS OF ENVIRONMENTAL IMPACT ON CONIFEROUS FORESTS OF THE WESTERN PART OF LATVIA**, Oskars ZAĻKALNS, Imants LIEPA
- P 744** **HIGH DENSITIES OF CERVIDAE EFFECT TO FOREST REGENERATION IN MIXED BROADLEAF FOREST IN SOUTH PART OF LITHUANIA**, Gintare SABALINKIENE, Kastytis SIMKEVICIUS, Kestutis PETELIS, Jolanta STANKEVICIUTE, Dovydas TALIJUNAS
- P 745** **THE EFFECT OF MEDIUM pH ON WHITE POPLAR SHOOTS' GROWTH IN VITRO**, Vanja VUKSANOVIĆ, Branislav KOVAČEVIĆ, Saša ORLOVIĆ, Dragana MILADINOVIĆ, Marina KATANIĆ, Marko KEBERT
- P 746** **SPATIAL GENETIC PROFILE OF MARGINAL POPULATION OF SILVER FIR (Abies alba (var. 'Pyramidalis')) FROM SERBIA USING SSR MARKERS**, Branislav TRUDIĆ, Alen KIŠ, Srđan STOJNIC, Saša ORLOVIĆ, Biljana PANJKOVIĆ
- P 747** **APHID FEEDING EFFECTS ON PHYSIOLOGICAL PARAMETERS OF POPLAR CULTIVARS**, Leopold POLJAKOVIĆ-PAJNIK, Olivera PETROVIĆ-OBRADOVIĆ, Milan DREKIĆ, Saša ORLOVIĆ, Verica VASIĆ, Branislav KOVAČEVIĆ, Magdalena KACPRZYK, Nataša NIKOLIĆ
- P 748** **ECTOMYCORRHIZAL FUNGI ON BEECH IN SERBIA**, Marina KATANIĆ, Saša ORLOVIĆ, Marko BAJC, Tine GREBENC, Bratislav MATOVIĆ, Saša PEKEČ, Hojka KRAIGHER
- P 749** **STUDY OF THREE DIFFERENT METHODS FOR SUPPRESSION OF ASH WEEVIL**, Milan DREKIĆ, Leopold POLJAKOVIĆ - PAJNIK, Verica VASIĆ, Andrej PILIPOVIĆ, Predrag PAP

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- P 751 HYDROLOGICAL PROPERTIES OF EUGLEY SOIL IN THE MIDDLE DANUBE BASIN**, Saša PEKEČ, Marina KATANIĆ
- P 752 AREA POTENTIALLY AVAILABLE AND ITS CORRELATION WITH GROWTH OF TREES IN THE PLANTATION OF POPLAR CLONE B-229**, Siniša ANDRAŠEV, Vladislava GALOVIĆ, Martin BOBINAC
- P 753 CONTRIBUTION TO KNOWLEDGE OF STRUCTURE OF MIXED BLACK LOCUST AND COMMON HACKBERRY STANDS IN THE AREA OF SUBOTICA-HORGOS SANDS (SERBIA)**, Siniša ANDRAŠEV, Martin BOBINAC, Karoly REDEI
- P 754 FOREST AREAS AS KEY INDICATOR FOR SUSTAINABLE FOREST MANAGEMENT IN SERBIA**, Zvonimir BAKOVIĆ, Branko STAJIĆ, Vladimir VASIĆ
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- P 758 THE STUDY OF THE FOREST FORMATIONS DYNAMIC IN THE DAIA-SAIDA MONTAINS (SAIDA, ALGERIA) BY AEROSPACE REMOTE SENSING**, Ghaouti KERRACHE, Chaouki CHAFAI
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- P 762 THE ANALYSIS OF BROWN BEAR (URSUS ARCTOS L.) POPULATION CONDITION IN BOSNIA AND HERZEGOVINA WITH REFERENCE TO THE REGION**, Siniša CINCAR, Damir MRĐENOVIĆ, Aleksandar TEPAVAC
- P 763 COMPARISON OF GROWTH BETWEEN DRY AND VITAL EUROPEAN BEECH STANDS IN BOSNIA AND HERZEGOVINA**, Stefan STJEPANOVIĆ, Dejan STOJANOVIĆ, Bratislav MATOVIĆ, Stefan BOJIC
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- P 768** **THE EFFECT OF DIFFERENT PM AIR POLLUTION ON THE EFFICIENCY OF PHOTOSYNTHETIC APPARATUS OF TREES AND SHRUBS**, Robert POPEK, Adrian ŁUKOWSKI, Piotr KAROLEWSKI, Jacek OLEKSYN
- P 769** **IDENTIFICATION OF FACTORS INFLUENCING CONIFEROUS STAND DAMAGE FROM SKYLINE YARDING**, Eugen IORDACHE, Catalin MUNTEANU
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- P 773** **ESTIMATION OF PHYTOEXTRACTION POTENTIAL AND ANTIOXIDANT CAPACITY OF POPLAR CLONE "PANNONIA" (*P. x euramericana*) UNDER INDUCED HEAVY METAL STRESS IN VITRO**, Marko KEBERT, Vladislava GALOVIĆ, Saša ORLOVIĆ, Marina KATANIĆ, Milena STANKOVIĆ
- P 774** **ASSESSMENT OF FINANCIAL EFFECTS OF REALIZED WOOD PRODUCTS IN FOREST ESTATES OF ROMANIJA REGION (BOSNIA AND HERZEGOVINA)**, Ljiljana KEČA, Milica MARČETA, Maja MARIĆ, Sreten JELIĆ
- P 775** **INJURIES TO LIVING TREES AT THE SAMPLE PLOTS IN CENTRAL SERBIA**, Miroslava MARKOVIĆ, Snežana RAJKOVIĆ, Ljubinko RAKONJAC
- P 776** **PRODUCTION CHARACTERISTICS OF BEECH AND FIR IN THE MOST PREVALENT TYPES OF BEECH AND FIR FORESTS IN SERBIA**, Rajko MILOŠEVIĆ
- P 777** **THE INTEGRATED PROTECTION AND SUSTAINABLE FOREST ROLE**, Snežana RAJKOVIĆ, Miroslava MARKOVIĆ, Ljubinko RAKONJAC, Milorad VESELINOVIĆ
- P 778** **CONTROL OF WEEDS IN PRODUCTION OF MAPLE AND BLACK WALNUT SEEDLINGS USING HERBICIDES**, Verica VASIĆ, Milan TEPIĆ, Slavisa OPAČIĆ, Mladen GRABOVIČKIĆ, Ljubica LUKAČ, Sreten VASIĆ, Leopold POLJAKOVIĆ PAJNIK, Milan DREKIĆ
- P 779** **QUALITY INDICATORS OF TWO-YEAR-OLD SEEDLINGS OF THE SYCAMORE MAPLE (*Acer pseudoplatanus* L.)**, Vladan POPOVIĆ, Ljubinko RAKONJAC, Aleksandar LUČIĆ
- P 780** **MOLECULAR TAXONOMY AND GENETIC DIVERSITY OF *Stereonychus fraxini* IN SERBIA**, Vladislava GALOVIĆ, Milan DREKIĆ, Leopold POLJAKOVIĆ PAJNIK, Siniša ANDRAŠEV, Miroslav MARKOVIĆ
- P 781** **SOIL TYPES IN THE MANAGEMENT UNIT INMUZLJANSKI RIT IN PE "VOJVODINASUME", SERBIA**, Zoran GALIĆ, Radenko PONJARAC, Alen KIS, Zoran NOVČIĆ

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P 784 QUALITY INDICATORS OF THE DECIDUOUS FRACTION OF PINUS SYLVESTRIS AND ROBINIA PSEUDOACACIA PHYTOMASS IN NORTHERN STEPPE OF UKRAINE, Svitlana SYTNYK, Viktoriia LOVYNSKA

P 785 THE ANALYSIS OF THE ASSIMILATION COMPONENT PARAMETERS OF THE ABOVEGROUND BIOMASS OF FOREST-FORMING SPECIES IN THE STEPPE OF UKRAINE, Viktoriia LOVYNSKA, Svitlana SYTNYK

Side Event 1 (hotel Vucko)

1st Annual SEASN Assembly and 3rd Regional Conference of Advisory Services of South East Europe

(6-9 October, Conference hall G – hotel Vucko)

Side Event 2 (Hotel Termag)

Seminar on farm saved seeds, licensing and infringement

Friday, October 7th, 2016

Hotel Termag – VIP conference hall (15:00 - 19:00)

Preliminary program

15:00 - 15:45 Actual situation in Bosnia Herzegovina

15:45 - 16:30 European and National Plant Breeder's Rights

16:30 - 17:00 Coffee break

17:00 - 17:45 Farm Saved Seeds, Licensing and enforcement

17:45 - 19:00 Exercise on Farm Saved Seeds and discussion