

**BANAT'S UNIVERSITY OF AGRICULTURAL SCIENCE AND
VETERINARY MEDICINE "KING MICHAEL I OF ROMANIA"
FROM TIMI OARA ROMANIA**



**The FACULTY OF AGRICULTURE
in collaboration with
THE NOVI SAD UNIVERSITY and SCDA LOVRIN**



PROGRAM

INTERNATIONAL CONFERENCE ON LIFE SCIENCES



Section "TRENDS IN EUROPEAN AGRICULTURE DEVELOPMENT"

**TIMISOARA
May 24-25, 2018**

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Lecturer PhD Olga Rada - USAMVB Timisoara

Asisstant PhD Iasmina S VESCU - USAMVB Timisoara

PhD George POPESCU - USAMVB Timisoara

**PROGRAMME OF THE SYMPOSIUM
PROGRAMUL SIMPOZIONULUI**

**Thursday – May 24 2018
Joi – 24 mai 2018**

9⁰⁰ – 10⁰⁰	<p>Welcoming and registration of the participants in front of Iulian Dr cea Lecture Hall</p> <p>Primirea și înregistrarea participanților în fața Aulei Iulian Dr cea</p>
10⁰⁰ – 10¹⁰	<p>Opening Ceremony - Iulian Dr cea Lecture Hall <i>Deschiderea festiv – Aula “Iulian Dr cea”</i></p> <p>- Prof. Cosmin Alin POPESCU, PhD Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timi oara - Rector</p>
10¹⁰ - 10³⁰	<p>The Speech of the Environment Ministry</p>
10³⁰ - 11⁰⁰	<p>„Antibiotic resistance and alternatives - in vitro, ex vivo and in vivo effect of novel antimicrobials and implications on gut health” - PhD Nicolae Corcionivoschi – AFBI</p>
11⁰⁰ - 11³⁰	<p>Congress presentation</p>
11³⁰ - 12⁰⁰	<p>„The Soil: The future for Life” – PhD V. Michele Sellitto, MS BIOTECH S.p.A. Rome, Italy</p>
12³⁰ - 14⁰⁰	<p>Lunch Break Pauz de prânz</p>
14⁰⁰ - 17⁰⁰	<p>Presentation of scientific paper <i>Susținerea lucr rilor</i></p>
17⁰⁰ - 18⁰⁰	<p>Poster presentation <i>Prezentarea posterelor</i></p>
<p align="center">Friday – May, 25 2018 Vineri – 25 mai 2018</p>	
9⁰⁰ – 12⁰⁰	<p>Poster presentation <i>Prezentarea posterelor</i></p>

Thursday – May, 24 2018
Joi – 24 mai 2018
Aula “Iulian Dr cea”

Moderators:

Prof. PhD Florin IMBREA – USAMVB Timi oara

Prof. PhD Branko CUPINA – Novi Sad UNIVERSITY

Lecturer PhD Laura MULEAC - USAMVB Timi oara

Secretary:

Lecturer PhD Alina LAȚO- USAMVB Timi oara

14⁰⁰-14¹⁰

P. GRIMALDI, C.A. POPESCU - NDVI - NORMALIZED DIFFERENCE VEGETATION INDEX

14¹⁰-14²⁰

P. GRIMALDI, Adina HORABLAGA - DIDACTIC EXPERIENCE IN THE FOTOGRAMMETRY COURSE OF AGRICULTURAL FACULTY, BUASVM TIMISOARA

14²⁰-14³⁰

A. SZARVA, Evelyn HERCZEG, L. PAPP, T. MONOSTORI - THE EFFECT OF PLANTING DENSITY ON THE YIELD OF SWEET POTATO [IPOMOEA BATATAS (L.) LAM.] IN SOUTH-EAST HUNGARY IN 2017

14³⁰-14⁴⁰

P. JAKAB, Nóra MASA, Ágnes JUSZTIN, Anita BARANYI, I. KRISTÓ, Margit SZÉL HÓDINÉ - STUDY OF FERTILIZATION ON THE YIELD COMPONENTS, YIELD AND QUALITY OF WINTER WHEAT

14⁴⁰-14⁵⁰

V. Î EI, A. GUDIMA, M. GADIBADI, I. MUNTEAN, V. MAZ RE - BIOMASS QUALITY OF SOME ASTERACEAE SPECIES FOR THE PURPOSE OF PRODUCING SOLID BIOFUEL IN MOLDOVA

14⁵⁰-15⁰⁰

V. Î EI - THE QUALITY OF MISCANTHUS GIGANTEUS AND FESTUCA ARUNDINACEA SILAGE AND PROSPECTS ITS USE FOR BIOMETHANE PRODUCTION IN MOLDOVA

15⁰⁰-15¹⁰

Roxana VIDICAN ,V. STOIAN, I. ROTAR, F. P CURAR, Ioana VAIDA, V. HAIȘUC - EFFECT OF SOIL TILLAGE ON MYCORRHIZAL PARAMETERS IN WINTER WHEAT

15¹⁰-15²⁰

Ioana CRI AN, Roxana VIDICAN, V. STOIAN, S. VÂTC , Maria

CANTOR - STOMATAL INDEX OF FIVE IRIS × HOLLANDICA CULTIVARS IN FIELD CONDITIONS

15²⁰-15³⁰

Ioana VAIDA, I. ROTAR, Roxana VIDICAN, F. P. CURAR, V. STOIAN - INDICATOR SPECIES FOR ORGANIC FERTILIZATION

15³⁰-15⁴⁰

Al. B. GHE E, Ana COPÂNDEAN, Voichița HAȘ, M. M. DUDA, F. IMBREA, D.I VÂRBAN, S. MUNTEAN, Cristina MOLDOVAN - RESEARCH ON THE RATE OF WATER LOSS IN SOME MAIZE HYBRIDS CREATED BY ARDS TURDA AND THE INBRED LINES, THEIR PARENTAL FORMS

15⁴⁰-15⁵⁰

Raluca Maria HLIHOR - A COMPARISON OF TWO TOOLS FOR ASSESSING HUMAN HEALTH RISKS OF PESTICIDES IN APPLES

15⁵⁰-16⁰⁰

Raluca Maria HLIHOR - SHORT- AND LONG-TERM EXPOSURE AND ASSOCIATED HUMAN HEALTH RISKS TO PESTICIDE RESIDUES IN TOMATOES

16⁰⁰-16¹⁰

M. S. Pascu, F. V. Prunar, E. Magyarosi, D.C. Simon, G.-G. Arsene - SPECIFIC BIODIVERSITY OF THE COMMUNITY IMPORTANCE SITES FROM THE PANNONIAN BIOREGION OF ARAD COUNTY – INVENTORY & CONSERVATION ISSUES

16¹⁰-16²⁰

Laura-Ioana COROAM , Alina-Andreea DRAGOESCU URLIC , Astrid-Simone GROSZLER, Marius Robert LUNGU - AN ECOLOGICAL APPROACH TO ESP TEACHING/LEARNING: CHALLENGES AND LIMITATIONS

16²⁰-16³⁰

Alina-Andreea DRAGOESCU URLICA, Laura-Ioana COROAM , ASTRID-SIMONE GROSZLER - DEVELOPING ECOLOGICAL AWARENESS IN ENGLISH FOR SPECIFIC PURPOSES

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M. SIMON, Anca TODIRU , C.A. POPESCU, A. MULEAC, Loredana COP CEAN - THICKENING THE GEODETIC NETWORK THROUGH SATELLITE MEASUREMENTS IN BARA VILLAGE, TIMIS COUNTY

16⁴⁰--16⁵⁰

L. DANCEA, I. GAICA, V. MAZ RE - RESEARCH CONCERNING THE SUSTAINABLE DEVELOPMENT IN

**CARA OVA AREA, (CARA -SEVERIN COUNTY
16⁵⁰-17⁰⁰**

**A. M. OPREA, Gh. F. BORLEA, D. DRONCA – PRESENT-DAY
CHALLENGES FOR OAK SPECIES IN WESTERN ROMANIA
17⁰⁰-17¹⁰**

**Narcisa Georgeta Crista - CONSIDERATIONS REGARDING
DIDACTIC COMMUNICATION IN VETERINARY AND
AGRICULTURAL HIGHER EDUCATION**

POSTER SESSION

• **Georgeta POP, Ilinca Merima IMBREA, Dana COPOLOVICI, Monica LICKER, Corina DANCIU, I. S RAC, F. IMBREA, Cristina DEHELEAN, L. COPOLOVICI - ANTIBACTERIAL ACTIVITY AND CHEMICAL COMPOSITION OF ORIGANUM MAJORANA L. ESSENTIAL OIL FROM WESTERN PART OF ROMANIA**

• **A. OKROS, D. V. MIRCOV, Simona NIȚ , P. PÎR AN, Simone Astrid GROSZLER, - STUDY ON THE AGRICULTURAL SYSTEMS PRACTICED IN THE WESTERN REGION OF ROMANIA**

• **F. FILIPOV, L. NITA, Esmeralda CHIORESCU - INDICATIVE RECOGNITION CRITERIA OF DEGRADATION BY COMPACTION AND SALINIZATION OF THE GREENHOUSES SOILS WITH FINE TEXTURE**

• **A. MULEAC, C. A. POPESCU, I. Laura MULEAC, G. POPESCU, Livia B RLIBA, R. BELICI, T. E. MAN - PROCESSING AIRLINE PICTURES FROM UAV USING GCP, CLOUD PROCESSING OF POINT (POINT CLOUD) AND ORTHOMOSAIC APPLIED IN WATER MANAGEMENT**

• **V. MAZ RE, V. Î EI, Romina MAZ RE - THE PRODUCTIVITY AND QUALITY OF THE BIOMASS OF PHACELIA TANACETIFOLIA AND ITS POTENTIAL APPLICATION**

- Gh. MATEI, Ana Maria DODOCIOIU, Cristina BABEANU - *THE INFLUENCE OF SOWING DATE AND DENSITY ON YIELD OF SWEET SORGHUM*
- Liliana PANAITESCU, Simona Mariana PRICOP, T. C. STROE, Simona NIȚ - *STUDIES REGARDING THE MANIFESTATION OF THE PRODUCTIVE POTENTIAL IN LAVENDER CULTURE (LAVANDULA ANGUSTIFOLIA MILL.) IN BUZ U PLAIN*
- B. TRÎNA, F. IMBREA, tefana JURCOANE, Ilinca Merima IMBREA, Iuliana-Maria POPESCU, Georgeta POP - *NUTRITIVE QUALITY OF CAMELINA (CAMELINA SATIVA L. CRANTZ) VARIETIES WITH SPECIAL FOCUS ON OIL*
- M.V.HERBEI, C.A.POPESCU, Roxana Claudia HERBEI, C.RUJESCU, L. Alma NICOLIN, F.SALA - *IMAGISTIC ANALYSIS AND IMAGING TRACK OF A MIXED FARM BASED ON SATELLITE IMAGES*
- R. BERTICI, Adina HORABLAGA, D. DICU, Laura SMULEAC, M. HERBEI, F.SALA - *ESTIMATING THE LAND SURFACE TEMPERATURE IN JIU VALLEY MINING BASIN FROM ROMANIA, USING REMOTE SENSING TECHNIQUES*
- Oana CIOBANU, Hortensia RADULESCU - *IMPACT OF HEAVY METALS RESIDUES ON HONEY QUALITY*
- F.SALA, M. HORABLAGA, C. RUJESCU - *VARIATION OF SOME WHEAT QUALITY INDICES ACCORDING TO THE RATE OF NITROGEN FERTILIZATION*
- J. BARLOY, S. DRÉANO, FREDERIQUE BARLOY-HUBLER, F. PRUNAR, Silvia PRUNAR, A. PRIMOT - *A NEW SUBSPECIES OF C. (EUCARABUS) OBSOLETUS STURM 1815 (COLEOPTERA: CARABIDAE: CARABINI) IN ROMANIA*
- F. CRISTA, Isidora RADULOV, F. IMBREA, Adina BERBECEA, Alina LATO, L. NITA, M. BOLDEA, Laura CRISTA - *CHANGES OF QUALITY INDICATORS IN WHEAT CROPS FOLLOWING FERTILIZERS APPLICATION*
- L.NI , D. R U, Gh. ROGOBETE, D. DICU, F.CRISTA , K.I.LAȚO, Simona NIȚ - *THE SOILS IN BANAT AND POSSIBLE PRESSURES ON THEIR QUALITY*
- Adina BERBECEA, Isidora RADULOV, Alina LAȚO, F. CRISTA, Anca GUȚOI - *THE IMPACT OF MINING ACTIVITIES UPON THE SURFACE WATER QUALITY IN DOGNECEA – OCNE DE FIER AREA, CARAS SEVERIN COUNTY, ROMANIA*

- Anișoara Duma Copcea, Casiana Mihuț, R. Ilea, Corina Sîrbu - **MECHANISATION TECHNOLOGY IN LAND PREPARATION THROUGH TOTAL CULTIVATION**
- K. I. LA O , B. GJONGECAJ, F. GJOKAL, F. CRISTA, Isidora RADULOV, L. D. NI - **STUDY OF SOIL FERTILITY LIMITING FACTORS FROM LOW TIMI PLAIN**
- A. BORCEAN, F. IMBREA - **STUDY CONCERNING THE CORN COB ROT ATTACK (FUSARIUM ROSEUM LINK) IN THE CONDITIONS OF SOME PESTS ATTACK**
- L. O. DRAGOMIR, Adina HORABLAGA, M. V. HERBEI - **SPATIAL ANALYSIS METHODS OF RASTER DATA USED INTO THE GEOGRAPHICAL INFORMATION SYSTEMS**
- Casiana MIHUȚ, Anișoara DUMA-COPCEA - **THE INFLUENCE OF SOIL WORKS ON PHYSICAL-MECHANICAL PROPERTIES OF THE SOILS FROM THE MAIN BANAT VINEYARDS**
- Simona NI , Liliana PANAITESCU , K.I.LAȚO, L.NIȚ - **THE OIL AND RAW PROTEIN PRODUCTION IN RAPS HYBRIDS FOR OIL UNDER THE INFLUENCE OF FERTILIZATION**
- Corina, ARDELEAN, A., B., BOCEANU, Alma Lioara NICOLIN- **EPIPACTIS MUELLERI GODFERY AND EPIPACTIS NEGLECTA (KÜMPEL) KÜMPEL (ORCHIDACEAE) NEW SPECIES FOR THE ROMANIAN FLORA**
- Luminita Livia BARLIBA, C. BARLIBA - **TOPOGRAPHICAL WORKS REALIZED FOR THE EXTENSION OF A WINE FARM IN RECAS, TIMI COUNTY**
- Alina NEAC U, G. POPESCU, Ilinca IMBREA, Alma NICOLIN, G.-G. ARSENE - **ASPECTS OF EVOLUTION OF THREE WET ZONES IN TIMI COUNTY (W ROMANIA)**
- Alma L. NICOLIN, F. V. PRUNAR, Alina G. NEAC U, G. G. ARSENE - **MAIN FEATURES AND CONSERVATION OF 3260 HABITAT PATCHES WITHIN THE COMMUNITY IMPORTANCE SITE NERA GORGES-BEUȘNIȚA (ROSCI0031 CHEILE NEREI-BEUȘNIȚA)**
- C. BOSTAN, Lumini a COJOCARIU, Loredana COP CEAN, N. M. HORABLAGA, Adina HORABLAGA, I. B N ȚEAN-DUNEA, Gh. F. BORLEA - **CONSERVATION OF ANIMAL SPECIES AND GRASSLAND HABITATS FROM THE NATURA 2000 SITE ROSCI0355 PLATEAU LIPOVEI-POIANA RUSC**

- **T.-P. BANU - ASSESSING THE OBJECT-BASED IMAGE ANALYSIS ON VHR SATELLITE IMAGERY FOR THE DELINEATION OF FOREST STANDS IN NATIONAL PARK COZIA**
- **M. BOLDEA, Isidora RADULOV, F. CRISTA, L. NITA, Laura CRISTA - DETERMINING THE CONSTANTS IN A MITSCHERLICH MODEL EXTENDED TO THREE VARIABLES**
- **Adina-Daniela DATCU, Roxana M d lina T NASE, Nicoleta IANOVICI - BIOMASS ALLOCATION PARAMETERS IN TARAXACUM OFFICINALE**
- **Antonia ODAGIU, I. Z. MARCHIS, Camelia OROIAN, Aurelia COROIAN, I. COVRIG, I. BRA OVEAN, C. IEDERAN - TESTING THE INFLUENCE OF CLIMATIC CONDITIONS UPON NUTRITIONAL VALUE OF ALFALFA (MEDICAGO SATIVA L.) SILAGE**
- **Olga-Alina RADA, Oana M NESCU, S R NDAN, H., VOIA, S., Mihaela Liana FERICEAN, Narcisa CRISTA - FEEDING BEHAVIOUR OF LAMBS FROM THE URCANA BREED DURING THEIR FIRST WEEK OF LIFE**
- **C. Barliba, Luminita Livia Barliba - TOPOGRAPHICAL REFURBISHMENT OF A DEGRADED ORCHARD IN THE TOWN OF ZOLT, TIMIS COUNTY**
- **Laura MULEAC, D. BUDA, Tabita ADAMOV, Gabriela POPESCU, I. LATO, A. MULEAC - LEACHING OF NITRITES AND PHOSPHATES IN UNDERGROUND WATERS FROM THE TIMIS PLAIN**
- **I. B N ŢEAN-DUNEA, Ana-Maria CORPADE, Ilinca IMBREA, Simona MIH ILESCU, I. CRISTEA, S. MORARIU, A. OSMAN - THE ICHTHYOCENOSIS PROFILE IN THE NATURA 2000 SITE ROSCI0032 CHEILE RUDARIEI**
- **D. D. DICU, Laura SMULEAC, R. BERTICI, Clara TUDOR, L. DRAGOMIR, I. GAICA - ANALYSIS OF LANDS FROM TIMIS COUNTY USING GEOSPATIAL METHODS**
- **Lizica SZILAGYI - CORRELATION ANALYSIS AMONG SEED YIELD AND YIELD RELATED TRAITS IN LENTIL SEGREGANT POPULATIONS (LENS CULINARIS MEDIK.)**
- **Camelia SAND SAVA, Maria-Mihaela ANTOFIE - PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE AS A SUBJECT OF DEBATE BETWEEN SOIL, WATER AND ENERGY**

- C. M. ENESCU, L. DINCA - **WHICH ARE THE MOST COMMON NON-WOOD FOREST PRODUCTS IN TIMI COUNTY?**
- C. M. ENESCU, L. DINCA - **FIRST OF "ALEXANDRU BELDIE" HERBARIUM**
- A. VARGA, Voichița HAȘ, Roxana CALUGAR, Ana COPANDEAN, I. ROTAR - **ANALYSIS OF THE DEGREE OF PHENOTYPIC AND GENETIC DIVERSITY AMONG MAIZE INBRED LINES DERIVED FROM THE SAME HYBRID**
- Astrid-Simone GROSZLER - **BASIC ROMANIAN AGRICULTURAL TERMS AND THEIR GERMAN EQUIVALENTS**
- Gh. SECHESAN - **TRADITION AND MODERNITY: EXISTENTIAL PATTERNS**
- G. DELCHEV, Teodora BARAKOVA - **EFFICACY OF HERBICIDES, HERBICIDE COMBINATIONS AND HERBICIDE TANK MIXTURES ON WINTER FORAGE PEA (PISUM SATIVUM L.)**
- G. DELCHEV - **IMPACT OF SOME HERBICIDES AND HERBICIDE TANK MIXTURES ON SOWING CHARACTERISTICS OF DURUM WHEAT SEEDS (TRITICUM DURUM DESF.)**
- Snejana DAMIANOV - **THE BEHAVIOR OF SOME VARIETES OF PEAR AT THE MELLIFEROUS FLEA (PSYLLA PIRI) ATTACK**
- Ana – Maria VÎRTEIU, Ramona TEF, A. C R BEȚ, Codruța CHIȘ, Ioana GROZEA - **THE ROLE OF COCCINELLIDS IN CONTROLLING PESTS IN WESTERN ROMANIA WINTER WHEAT CROPS**
- G. DELCHEV, Teodora BARAKOVA - **EFFICACY OF HERBICIDES, HERBICIDE COMBINATIONS AND HERBICIDE TANK MIXTURES ON WINTER FORAGE PEA (PISUM SATIVUM L.)**
- Viorela Corina MARCU, Ioana GROZEA - **THE POTENTIAL IMPACT OF ECOLOGICAL AND GEOGRAPHICAL PARAMETERS ON THE SPREAD OF THE INVASIVE PEST NEZARA VIRIDULA**
- Snejana DAMIANOV - **RESEARCHES CONCERNING THE BIOECOLOGY OF HOPLOCAMPA MINUTA IN THE ORCHARDS ALONG BISTRA VALLEY – CARAS SEVERIN**
- Liliana Blondina ATHANASOPOULOS, Elena MOCANU, N. PATRICHE, Magdalena TENCIU, Elena JECU -

STUDIES ON THE USE OF NEW METHODS IN VIEW OF THE EARLY DIAGNOSIS OF FISH DISEASES

- **H. KIRCHEV, Angelina MUHOVA - APPROACH FOR ORGANIC TRITICALE (X TRITICOSECALE WITTM.) FARMING I. GENOTYPIC SPECIFIC ON THE ACCUMULATION OF BIOMASS.**
- **Olga-Alina RADA, Diana BREZOVAN, Mihaela OSTAN - MORPHOLOGICAL CHANGES OF ERYTHROCYTES IN HYPOCHROMIC ANAEMIA, IN HUMANS**
- **S. DOROBANTU, C. NEGRESCU, Larisa FILIP, N. DIMA - COMPARATIVE STUDY OF METHODS FOR REALIZATION AND INTERPRETATION OF THE DIGITAL TERRAIN MODEL**
- **Oana CIOBANU, Hortensia RADULESCU - RESULTS CONCERNING THE CONTENT OF HEAVY METALS IN LINDEN TREE AND MIXED FLOWERS HONEY, IN TIMIS COUNTY**
- **I. YANCHEV - THE EFFECT OF LEAF NUTRITION WITH HORTIGROW ON THE CONTENT, YIELD AND CHEMICAL COMPOSITION OF THE ESSENTIAL OIL FROM COMMON BASIL OF 'TRAKIA' CULTIVAR**
- **Angelika FILOVÁ, Jana KONÔPKOVÁ, Dominika BOŠIAKOVÁ - ESTABLISHING MICROPROPAGATION CONDITIONS FOR MAGNOLIA DENUDATA L. AND LIRIODENDRON TULIPIFERA L.**
- **Cerasela CIUI (MOT), A. BORCEAN - RISK EVALUATION OF THE FRUITS GRAY MOLD (BOTRYTIS CINEREA) BY FUNGUS PRESENCE ON WILDE RASPBERRY (RUBUS IDAEUS)**
- **A.DEGIANSKI, P.PÎR AN - ANALYSIS OF CORRELATIONS BETWEEN SEVERAL GRAINS TRAITS IN SUNFLOWER UNDER DIFFERENT FERTILIZATIONS**
- **A.DEGIANSKI, P.PÎR AN - STUDY REGARDING THE EFFECT OF DENSITY, FERTILIZATION AND TILLAGE ON SUNFLOWER YIELD UNDER THE CONDITIONS FROM TIMI OARA**
- **Veta NISTOR , C. SAVIN, Magdalena TENCIU, Elena Eugenia MOCANU, Elena JECU ,V. O. E ANU - AVOIDANCE OF ALGAE BLOOM, KEY FACTOR IN THE SUSTAINABLE DEVELOPMENT OF ECO-EFFECTIVE GROWTH TECHNIQUES OF CARP (Cyprinus carpio) WITH SILVER CARP (Hypophthalmichthys molitrix) AND BIGHEAD CARP (Hypophthalmichthys nobilis)**
- **Raluca-Elena ENESCU, Emilia VECHIU, I. CÂNTAR -**

HERBARIUM SURVEY OF GENUS GENTIANA L.

- Liliana PANAITESCU, Simona Mariana PRICOP, Simona NIȚ - **CONTRIBUTIONS TO THE STUDY ON THE INFLUENCE OF THE SOWING DATE IN THE GRAIN MILLET PRODUCTION (PANICUM MILIACEUM L.) CULTIVATED IN AN ECOLOGICAL SYSTEM IN THE DOBROGEA PLATEAU**
- Raluca-Elena ENESCU, Emilia VECHIU, Diana VASILE - **NON-WOOD FOREST PRODUCTS FROM CLUJ COUNTY**
- Angelika FILOVÁ, Jana KONŮPKOVÁ - **IN VITRO MICROPROPAGATION AND REGENERATION OF POPULUS TRICHOCARPA**
- Ana – Maria VÎRTEIU, Ramona TEF, A. C R BEȚ, Ioana GROZEA - **THRIPS (THYSANOPTERA: INSECTA) ON WINTER WHEAT IN TIMI COUNTY, ROMANIA**
- I.Zhelyazkov, V.Delibaltova, T. Krastev- **STUDY ON THE EFFICACY OF SOME HERBICIDES FOR WEED CONTROL IN LAVANDER FIELD**
- Z. FUTÓ, G. BENCZE - **THE RESULTS OF THE MODERN DRIP IRRIGATION OF MAIZE IN SZARVAS**
- G. BENCZE, Z. FUTÓ - **EXAMINATION OF RELATIVE CHLOROPHYLL CONTENT, LEAF AREA AND YIELD IN MONOCULTURE LONG-TERM EXPERIMENT OF MAIZE IN 2016**
- Olga-Alina RADA, Diana BREZOVAN, Mihaela OSTAN - **MORPHOLOGICAL CHANGES OF ERYTHROCYTES IN HYPOCHROMIC ANAEMIA, IN HUMANS**
- A. GOZIBEKOV, Ioana GROZEA - **LYSIPHLEBUS FABARUM ROLE IN REDUCING THE NUMBER OF APHIDS IN VEGETABLES PLANTS**
- N. DRAGOMIR, M. HORABLAGA, Nicoleta MORARU, D. CAMEN, F. NECIU, Marcela DRAGO, D. RECHIȚEAN - **FORAGE CHICORY (CICHORIUM INTYBUS L.): AN ALTERNATIVE SOURCE FOR LIVESTOCK FEEDING**
- L. BOTO, F. IMBREA, F. CRISTA, S. KOTHAI - **EFFICACY OF FERTILIZATION ON SUNFLOWER SEED PRODUCTION UNDER PEDO-CLIMATIC CONDITIONS IN N DLAG COUNTY ARAD**
- D.COJOCARU, Casiana MIHUȚ - **THE SOIL WORK INFLUENCE ON THE MAIN PHYSICO-MECHANICAL INDICATORS**
- D.COJOCARU, Casiana MIHUȚ - **THE MAIN DETERMINANTS IN DETERMINING THE PRODUCTION**

CAPACITY OF AGRICULTURAL LAND IN THE WESTERN PART OF ROMANIA

- **D. I. PETANEC, Georgina BIZ U, C. DRAGOMIR, Lavinia M d lina MICU - THE PHYTOSANITARY MOOD IN THE OLDEST PARK IN TIMISOARA -„REGINA MARIA”**
- **M. B. ROMAN, V. TAB R , Ioana Maria MATEAS-RESEARCH ON THE EFFICACY OF FERTILIZATION AND DENSITY ABOUT THE QUALITY OF STRAIN BOATS IN DOBROGEA PEDOCLIMATIC CONDITIONS**
- **M. B. ROMAN, V. TAB R , Ioana Maria MATEAS - DROPIA GROWTH PRODUCTION IN DOBROGEA CONDITIONS UNDER THE INFLUENCE OF THE FERTILIZATION SYSTEM AND DENSITY**
- **Edit KRISTÓ - PRODUCTION OF TOMATO CAROTENOIDS (SOLANUM LYCOPERSICON MILL.) IN DIFFERENT FORCING PERIODS**
- **I. GAICA, D. D. DICU, L. DANCEA - STUDIES REGARDING THE INSTALLATION OF VEGETATION ON THE DEGRADED LANDS FROM MINING ACTIVITY ON SUNCUIUS AREA, BIHOR COUNTY**
- **Corina, ARDELEAN, A., ARDELEAN, B., BOCEANU - NEW EPIPACTIS (ORCHIDACEAE) SPECIES FOR THE ROMANIAN FLORA**
- **Ani oara DUMA COPCEA, R.ILEA, D.POPA, Corina SÎRBU - MECHANISATION TECHNOLOGY FOR THE HARVESTING OF GRAIN MAIZE WITH A SELF-PROPELLED COMBINE**
- **Casiana MIHUȚ, L.D NIȚ - ATMOSPHERIC FACTORS USED IN THE CHARACTERIZATION OF SOIL RESOURCES**
- **L.NI , D. R U, Gh. ROGOBETE, D. DICU, K.I. LAȚO, Simona NIȚ - USING PEDOLOGIC INFORMATION IN DEFINING THE QUALITY AND SUSTAINABLE USE OF LAND IN WESTERN ROMANIA**
- **Veronica S R EANU, D.G.LAIE , P.D’OTTAVIO, B. UPINA - LONG TERM EVOLUTION OF EX-ARABLE GRASSLAND VEGETATION RELATED WITH CLIMATE IN FOREST STEPPE AREA (WESTERN ROMANIA)**
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