

UNIVERSITATEA DIN CRAIOVA

UNIVERSITY OF CRAIOVA

Seria: ✓ *Biologie*
✓ *Horticultură*
✓ *Tehnologia prelucrării*
produselor agricole
✓ *Ingineria mediului*

Vol. XX (LVI) - 2015

CONTENTS

HORTICULTURE AND FOOD PRODUCE PROCESSING TECHNOLOGY

STUDY REGARDING THE HEAVY METAL CONTAMINATION OF CERTAIN NATURAL MINERAL WATERS IN AN ORE EXPLOITATION ZONE IN ROMANIA.....	5
<i>Sidor Anca-Mihaela</i>	
WATER DISTRIBUTION UNIFORMITY OF DRIP IRRIGATION SYSTEMS IN OLIVE TREES FOR IZMIR PROVINCE OF TURKEY.....	13
<i>Acar Bilal, Yunus Cicek, Ramazan Topak</i>	
ȘTEFĂNEȘTI 24 NEW TOMATO VARIETY WITH INDETERMINATE GROWTH AND INCREASED BIOLOGICAL RESISTANCE, OBTAINED FROM INADBH ȘTEFĂNEȘTI.....	21
<i>Bădulescu Adriana, Tița I.</i>	
STUDY OF QUALITATIVE AND QUANTITATIVE CHARACTERS OF TOMATO VARIETY ARGES 11.....	25
<i>Bădulescu Adriana</i>	
PROPOSED DEVELOPMENT DIRECTIONS IN ORGANIC GRAPE PRODUCTION IN ROMANIA.....	31
<i>Băneș A., Orboi Manuela Dora, Stanciu S., Iancu T.</i>	
STUDY ON THE INFLUENCE OF SOME SUMMER PRUNING TREATMENTS ON MISKET KAYLASHKI VARIETY GRAPES AND WINE QUANTITY AND QUALITY.....	37
<i>Yordanka Belberova, Tatyana Yoncheva, Vanyo Haygarov</i>	
THE USE OF ENZYMES MACERATION IN THE TECHNOLOGY OF AROMATIC WHITE WINES.....	45
<i>Itu N., Baduca-Campeanu C., Violeta Simionescu, Beleniuc G.V., Georgeta Beleniuc</i>	
MODERN TECHNOLOGIES FOR FOOD PROCESSING.....	51
<i>Bonciu Elena, Iancu Paula, Păniță O.</i>	
THE MAIN CONSTITUENTS OF RED WINES THAT DEFINE THE LEVEL OF QUALITY AND NATURALNESS.....	59
<i>Muntean Camelia, Stoica Felicia, Băducă C.</i>	

RESEARCH ON THE INFLUENCE ON FRUIT QUALITY ASSORTMENT CORNICHON CUCUMBERS IN SOLARIUM.....	65
<i>Neață Gabriela, Hoza Gheorghîța, Teodorescu R., Câmpeanu Gh.,Petcuci A.C., Basarabă A., Popescu D.D.</i>	
STUDY ON FOOD OILS OBTAINED BY PRESSING AND REFINING	71
<i>Căpruciu Ramona, Vlădulescu Carmen</i>	
ANALYSIS OF THE BIOTHECNOLOGICAL FAULTS OF CERTAIN BREADS	77
<i>Căpruciu Ramona, Costea D.C.</i>	
AMPELOGRAPHIC AND AMPELOMETRIC DESCRIPTORS OF OLTEAN GRAPEVINE VARIETY	83
<i>Cichi Daniela Doloris, Popa Camelia, Costea D.C.</i>	
PEAR'S ROOT SYSTEM GROWTH AND LOCATION ON THE INFLUENCE OF MAINTENANCE SYSTEM IN OLTENIA'S SOILS	91
<i>Cichi M.</i>	
HEAVY METAL DISTRIBUTION IN DIFFERENT TYPE OF PAPER PACKAGING	97
<i>Cioban Camelia, Gergen I.</i>	
THE INFLUENCE OF CLIMATE CONDITIONS ON THE MICROCLIMATE CREATED BY THE EGGPLANT CROP PROTECTION AND THE IMPACT UPON THE PRODUCTION	101
<i>Ciuciuc Elena</i>	
THE INFLUENCE OF THE VARIATION OF CLIMATE CONDITIONS OVER THE GROWTH AND FRUIT BEARING OF CABERNET SAUVIGNON VARIETY ..	107
<i>Costea D.C., Căpruciu Ramona, Cichi Daniela Doloris</i>	
THE CULTURE OF PEACH ON THE PSALMOBASES IN THE CLIMATIC CONDITIONS OF THE SOUTHERN OLTENIA	113
<i>Andreea Ionela Dămureanu, Baci A.A.</i>	
RESEARCH ON MONITORING GRAPE JUICE FERMENTATION QUALITY PARAMETERS IN ORDER TO OBTAIN TYPICAL AUTHENTIC WINES	123
<i>Dobrei Alina Georgeta, Dobrei A., Nistor Eleonora, Cristea T., Coradini Renato, Drăgunescu Anca</i>	
RESEARCH ON BEHAVIOUR OF WINE GRAPES CULTIVARS IN TWO DIFFERENT MICROCLIMATES AREAS FROM MINIȘ - MĂDERAT VITICULTURAL AREA.....	129
<i>Dobrei Alina Georgeta, Dobrei A., Nistor Eleonora, Camen D., Coradini Renato, Drăgunescu Anca</i>	
SOME ASPECTS CONCERNING THE PRODUCTION OF <i>HIBISCUS ROSA- SINENSIS</i> L. ROOTED CUTTINGS	135
<i>Toma F., Georgescu Mihaela Ioana, Petra Sorina</i>	
RESEARCH ON THE INFLUENCE OF THE DEGREE DEHYDRATION OF CUTTINGS AND TYPE OF SUBSTRATE UPON THE ROOTING OF CUTTINGS ON <i>CRASSULA OVATA</i> MILL.....	141
<i>Toma F., Georgescu Mihaela Ioana, Petra Sorina</i>	

STUDIES ON AGROBIOLOGIC AND TECHNICAL CHARACTERISTICS OF CERTAIN CLONES OF WHITE FETEASCĂ ACQUIRED IN ȘTEFĂNEȘTI - ARGEȘ VINEYARD	147
<i>Giugea N., Popa Camelia, Mărăcineanu L.</i>	
COMPARATIVE STUDY REGARDING THE CHEMICAL COMPOSITION OF SPARKLING WINES OBTAINED BY DIFFERENT METHODS.....	151
<i>Giurgiulescu L., Daraban Mariana, Stoica Felicia, Banică M.</i>	
CLASSIFICATION OF VINEGAR BLENDED WITH DIFFERENT WOOD ESSENCES BY SPECTROSCOPY METHOD	157
<i>Giurgiulescu L., Qian Lu, Cadar Adina, Vagelas I., Gougoulas N., Sugar I.R.</i>	
THE BEHAVIOUR OF SOME PECH HYBRIDS BELONGING TO THE GERMOPLASM WORLD COLLECTION IN PEDOCLIMATIC CONDITIONS OF TIMIȘOARA AREA, CONCERNING FRUITS QUALITY	165
<i>Iordănescu Olimpia Alina, Costea Viorica Adriana, Olaru Daniela Nicoleta, Becherescu Alexandra</i>	
STUDIES IN THE AESTHETICS OF THE WINE LABEL SYMBOLISM.....	173
<i>Irimescu L., Giugea N., Mărăcineanu L.C.</i>	
A GRAPHICAL DESIGN STUDY OF THE WINE LABEL AS UNIQUE THROUGH DIVERSITY	183
<i>Irimescu L., Giugea N., Mărăcineanu L.C.</i>	
GARANT – NEW TABLE GRAPES INTERSPECIES VARIETY	193
<i>Miroslav Ivanov, Iliyan Simeonov, Zdravko Nakov</i>	
STUDY ON THE BEHAVIOUR OF <i>BELAMCANDA CHINENSIS</i> L. DC. SPECIES, IN ORDER TO DIVERSIFY THE FLOWERING GEOPHYTES ASSORTMENT	199
<i>Manda Manuela, Nicu Carmen</i>	
MINIATURE LANDSCAPES.....	207
<i>Manda Manuela</i>	
ACTION OF NATURAL ANTIOXIDANTS ON THE OXIDATION OF FAT IN RAW-DRIED MEAT PRODUCTS	213
<i>Manea Iuliana, Manea L.C., Buruleanu Lavinia Claudia, Stanescu Silvia Mihaela</i>	
<i>SOLANUM LYCOPERSICUM</i> VAR. <i>CERASIFORME</i> - HARMONY AND BEAUTY ..	219
<i>Maria Dinu, Rodica Soare, Dorina Bonea</i>	
STUDIES AND RESEARCH ON ESTABLISHING THE LENGTH OF ORNAMENTAL ATTRIBUTES IN VEGETABLE SPECIES CULTIVATED ON GREEN WALLS.....	225
<i>Marinescu-Duca Mihaela, Neata Gabriela, Atanasiu N., Campeanu Gh.</i>	
SELECTION OF VALUABLE GENOTYPES OF <i>ROSA CANINA</i> L. IN THE EASTERN AREA OF CRAIOVA.....	229
<i>Mîndrilă Gheorghîța, Bonea Dorina, Botu M.</i>	
DEVELOPMENT AND STABILITY STUDY OF VITAMIN D FORTIFIED ORANGE JUICE	239
<i>Anargyros Moulas, Stavros Iossifidis, Maria Vaiou, Konstantinos Zoulfos, Anna Challa</i>	

AMPELOGRAPHIC CHARACTERISTICS OF CANDIDATE-CLONE MUSCAT OTTONEL ILV 7-46	245
<i>Zdravko Nakov, Iliyan Simeonov, Miroslav Ivanov</i>	
EFFECT OF PLANT GROWTH RETARDANTS ON VEGETATIVE GROWTH OF CHINESE HIBISCUS PLANTS.....	251
<i>Nicu Carmen, Manda Manuela</i>	
STUDY REGARDING THE MEASUREMENT OF CARROTS ANISOTROPY.....	257
<i>Paduret S., Gutt Gh.</i>	
EFFICIENCY OF FRUITLET THINNING APPLE „GOLDEN REINDERS” BY USE NAD AND ETHIPHON	263
<i>Pesteanu Ananie</i>	
ROLE OF METHOD VALIDATION IN ACCURATE EVALUATION OF FOOD QUALITY	269
<i>Poenaru Maria-Magdalena, Iacobescu F., Săvescu P.</i>	
BIOMETRICAL INDICATORS OF GRAFTED ROOTED VINES AFTER TREATMENT OF THE NURSERY WITH STOMP 33 EC AND WING P	275
<i>Neli Prodanova-Marinova</i>	
THE INFLUENCE ON CLIMATIC CONDITIONS IN THE AGRICULTURAL YEAR 2013 – 2014 ON THE STATE OF VEGETATION IN SOME VARIETIES OF VINES WITH TABLE GRAPES IN VINEYARDS FROM SOUTHERN OLTENIA.....	279
<i>Rățoi I., Mihaela Croitoru, Diaconu M., Cristina Emanuela Vladu, Șoimu I. A.</i>	
RESEARCHES ON CHEMICAL COMPOSITION AND SENSORIAL ATRIBUTES OF NATURAL FRUIT DISTILLATES	285
<i>Stoica Felicia, Băducă C., Muntean Camelia, Giurgiulescu L.</i>	
A STUDY ON THE USE OF CENTRIFUGAL FANS WITH CERAMIC ELEMENTS IN DRYER COLUMN.....	291
<i>Șugar I.R., Banica M., Butnar L., Giurgiulescu L.</i>	
COMPARATIVE STUDY BETWEEN CHEMICAL COMPOSITION OF ITALIAN RIESLING AND HYBRIDE WINE FROM NW OF ROMANIA	295
<i>Șugar I.R., Deszi Evelyn, Giurgiulescu L., Banică M.</i>	
STUDY ON SOME MAIN PHYSIOLOGICAL PROCESSES APPLE VARIETIES, DEPENDING ON THE SHAPE OF CROWNS.....	299
<i>Tarasescu Florina, Baciu A.A., Alecu Anca, Preda Silvia</i>	
THE EFFECT OF THE IRRIGATION REGIME ON YIELD AND THE ECONOMIC INDICATORS OF VINE PROPAGATION MATERIAL PRODUCTION	305
<i>Emil Tsvetanov, Daniela Dimitrova</i>	
THE IMPACT OF CLIMATIC CONDITIONS ON SOME PHYSIOLOGICAL PROCESSES AT FOUR CHERRY VARAIETIES GRAFTED ON LOW VIGOR ROOTSTOCKS	311
<i>Vasile N.I., Dumitru Mihaela Gabriela, Baciu A.A.</i>	

BIOLOGY AND ENVIRONMENTAL ENGINEERING

STRUCTURE, DYNAMICS AND ABUNDANCE OF COLLECTED BEETLES IN CORN CULTURES	319
<i>Andrici C., Tălmaciu M., Nela Tălmaciu, Monica Herea</i>	
ASPECTS TO KNOWLEDGE OF EXISTING INVERTEBRATES FAUNA IN CORN CULTURES	329
<i>Andrici C., Tălmaciu M., Nela Tălmaciu, Monica Herea</i>	
CONTRIBUTION TO THE STUDY OF THE SPATIAL DISTRIBUTION OF OPILIONES (ARACHNIDA) FROM BUCOVĂȚ FOREST (SW ROMANIA).....	333
<i>Babalean Anda Felicia, Babalean A., Ștefănescu D. M.</i>	
ORNITHOLOGICAL OBSERVATIONS WITHIN THE PROTECTED AREA PRAJBA-FĂCĂI LACUSTRINE COMPLEX AND ITS SURROUNDINGS (DOLJ COUNTY)	345
<i>Bălescu Carmen Daniela</i>	
THE ECOLOGICAL BRAND – INSTRUMENT FOR THE PROMOTION OF ECOLOGICAL PRODUCTS AND MEANS OF REDUCING THE NEGATIVE ENVIRONMENT IMPACT	357
<i>Băneș A., Orboi Manuela Dora</i>	
ANALYSIS OF THE COMMUNICATION MESSAGES FROM THE GREENWASHING PERSPECTIVE.....	363
<i>Buzatu Gilda-Diana</i>	
MECHATRONIC SYSTEM TO DETERMINE THE CONCENTRATION OF CAROTENOIDS	371
<i>Buzea Eleni, Petrescu Fl., Nămuț Loredana, Nan Cătălina, Neacșa M.</i>	
THE FIRST DETECTION OF FRUIT FLY <i>ZAPRIONUS TUBERCULATUS MALLOCH</i> (DIPTERA: DROSOPHILIDAE) IN THE EASTERN PART OF EUROPE (ROMANIA)	377
<i>Chireceanu Constantina, Andrei Teodoru, Andrei Chiriloaie</i>	
ANTHROPOGENIC ACTIVITIES AND THEIR IMPACT ON FISH SPECIES OF NATIONAL/COMMUNITY INTEREST IN THE PROTECTED AREA NORDUL GORJULUI DE VEST	383
<i>Ciupceanu Călugăru Eleonora Daniela, Vlădulescu Carmen, Olaru Luminița</i>	
BIOLOGICAL EVALUATION OF RENAL VASCULAR INDICES IN DEHYDRATED CANINES BEFORE AND AFTER REHYDRATION	387
<i>Constantinescu R., Goran Gh. V., Alexa Ioana Mihaela, Iuliana Codreanu, Codreanu M. D.</i>	
THE BIOLOGY OF VASCULAR RESISTANCE DETERMINATION WITH DOPPLER ULTRASOUND IN CANINES WITH CHRONIC RENAL FAILURE	393
<i>Constantinescu R., Balaci Iulia-Maria, Cucos Cătălina Anca, Codreanu M.D.</i>	
VERTISOILS - SPECIFIC SOILS OF OLT COUNTY	401
<i>Dodocioiu Ana Maria, Buzatu Gilda – Diana</i>	

EVOLUTION OF FERTILIZERS CONSUMPTION AND PRODUCTIONS OF THE MAIN CROPS IN THE OLT COUNTY	407
<i>Dodocioiu Ana Maria, Matei G.</i>	
THE ECOLOGICAL ASSESSMENT OF RIPARIAN ECOSYSTEMS OF PINIOS RIVER IN TRIKALA'S PREFECTURE, CENTRAL GREECE	413
<i>Efthimiou Georgios, Papathanasiou Vassiliki</i>	
RESEARCH AND MANAGEMENT OF RIPARIAN FOREST OF RICHIOS RIVER (MACEDONIAN TEMPI), N. GREECE.....	421
<i>Efthimiou Georgios, Goudelis Gerasimos, Theodosiou Georgios</i>	
EFFECTS OF BIOGAS PRODUCTION LIQUID WASTE ON THE CHEMICAL PROPERTIES OF SOIL MIXTURE WITH MANURE.....	427
<i>Gougoulias N., Kalfountzos D., Kantas D., Vyrlas P., Papachatzis A.</i>	
EVALUATION OF CERTAIN QUALITATIVE AND QUANTITATIVE CHARACTERISTICS OF HYDROPONIC TOMATO GROWN TO A GEOTHERMAL AND A CONVENTIONAL GREENHOUSE	433
<i>Gougoulias N., Papachatzis A., Vyrlas P., Kalfountzos D., Anastasia Karaboula</i>	
EFFECT OF DIFFERENT CULTIVATION PRACTICES ON SOIL ORGANIC MATTER AND ON YIELD OF ENERGY CROPS, UNDER THE ENVIRONMENTAL CONDITIONS OF THESSALY REGION (PRELIMINARY RESULTS).....	439
<i>Goula Ioanna-Maria, Gougoulias N., Kavalaris C., Gemtos Th., Chouliaras N.</i>	
PRODUCTIVITY OF NON-IRRIGATED ENERGY CULTIVATION OF <i>PISUM SATIVUM</i> , WITH RESPECT TO THE SOIL CHEMICAL PROPERTIES AND TREATMENT, UNDER ENVIRONMENTAL CONDITIONS OF THESSALY (PRELIMINARY DATA)	447
<i>Goula Ioanna-Maria, Gougoulias N., Kavalaris C., Gemtos T., Pateras D., Chouliaras N.²</i>	
VARIABILITY OF <i>MATRICARIA INODORA</i> L. FLOWERS AND FRUITS	455
<i>Ionescu N., Georgescu Mihaela, Săvulescu Elena, Penescu A., Ionescu S.G.</i>	
BROILERS BLOOD METABOLIC PROFILE CHANGES INDUCED BY A FEED ADDITIVE.....	463
<i>Ionita Carmen, Gajaila Iuliana, Gajaila G.</i>	
CHANGES OF ERYTHROCYTES PARAMETERS IN TURKEYS IN DIFFERENT FARMING SYSTEMS	467
<i>Ionita Carmen, Bogdan Cristina, Gajaila Iuliana, Gajaila G., Grigore Alice</i>	
EFFECT OF A SYNTHETIC IMMUNOMODULATOR ON PHAGOCYTOSIS IN SHEEP NEUTROPHILS	471
<i>Ionita L., Gajaila G., Gajaila Iuliana, Ionita Carmen, Tanase A.</i>	
TRACEABILITY OF SELENIUM IN ANTHROPOGENIC ECOSYSTEMS IN RELATION TO AIR-WATER-SOIL-PLANTS-ANIMALS-FOOD-MAN.....	475
<i>Ionita L., Ionita Carmen, Grigore Alice, Gajaila Gabriel, Lazar Daniel</i>	

RESEARCH ON VARIATION IN HEMATOLOGICAL PARAMETERS IN SHEEP METIS (TSIGAIE X AWASI) FROM BACAU ECOZONE FOLLOWING TREATMENT WITH AN IMMUNOMODULATORY PHYTOEXTRACT	481
<i>Lazar D., Ionita Carmen, Grigore Alice, Gajaila Iuliana, Ionita L.</i>	
MODIFICATION OF SOME ENVIRONMENTAL FACTORS UNDER THE INFLUENCE OF VEGETABLE CROPS USED FOR ORNAMENTAL GREEN WALLS IN BUCHAREST	487
<i>Marinescu-Duca Mihaela, Neata Gabriela, Atanasiu N., Campeanu Gh.</i>	
CONSIDERATION ON CLIMATIC EVOLUTIONS IN THE SOUTH-WEST OF ROMANIA DURING THE SPRING OF 2015	491
<i>Marinică I., Vătămanu V.V.</i>	
PARTIAL DATA REGARDING THE INVENTORY OF HARMFUL AGENTS FROM OTASAU RIVER BASIN (I)	497
<i>Mitreă I., Fota N.C.</i>	
RESEARCHES ON THE BEHAVIOR OF SOME TRITICALE CULTIVARS IN RELATION TO DISEASES AND PESTS IN DÂMBOVIȚA'S ECOSYSTEMS.....	501
<i>Neagu Frăsin Loredana Beatrice, Niculae Dincă</i>	
OBSERVATIONS REGARDING THE AGRONOMICAL VALUE AND THE USE OF WINTER WHEAT CULTIVARS IN SOUTHERN MUNTENIA'S ECOSYSTEMS.....	507
<i>Neagu Frăsin Loredana Beatrice</i>	
PHYSIOLOGICAL CHANGES IN <i>VITIS VINIFERA</i> L. DUE TO THE ATTACK PRODUCED BY <i>PLASMOPARA VITICOLA</i> (BERK. & CURT.) BERL. & DE TONI...513	
<i>Nicolae I., Bușe Dragomir Luminița</i>	
DYNAMICS OF ANTIBODIES TO <i>HELICOBACTER PYLORI</i> IN PATIENTS TESTED IN MEDICAL DIAGNOSTIC CENTRE EUROMEDICA CRAIOVA IN 2014.....	519
<i>Olaru Luminița Mariana, Ciupeanu Călugăru Eleonora Daniela</i>	
THE EVALUATION OF THE FETAL CARDIAC ANATOMY IN THE SECOND TRIMESTER OF PREGNANCY	527
<i>Olimid Diana</i>	
THE ULTRASOUND EXAMINATION OF THE GREAT VESSELS OF THE FETAL HEART	535
<i>Olimid Diana</i>	
INFLUENCE OF ABIOTIC FACTORS ON BIOLOGICAL CONTROL ABILITY OF DIFFERENT <i>TRICHODERMA</i> SPP. STRAINS	543
<i>Paica A., Cristina Petrisor, Florica Constantinescu</i>	
THE ECOLOGICAL STATUS EVALUATION FOR THE WATER BODIES IN JIU MIDDLE RIVER BASIN	551
<i>Paunescu C.</i>	
CONTRADICTIONS BETWEEN WATER FRAMEWORK DIRECTIVE (WFD) AND RENEWABLE ENERGY DIRECTIVE (RED).....	557
<i>Paunescu C.</i>	

INFLUENCE OF HARVEST TIME UPON THE PRODUCTION AND ITS QUALITY AT CORNICHON CUCUMBERS CULTIVATED IN PLASTIC HOUSES	563
<i>Petcuci A.C., Atanasiu N., Neață Gabriela, Câmpeanu Gh.</i>	
THE ROLE OF ANTIOXIDANTS IN SLOWING AGING OF SKIN IN A HUMAN	567
<i>Petrescu Florian, Buzea Eleni, Nămuț Loredana, Neacșa Marin, Nan Cătălina</i>	
EFFECTS OF SILT TRANSIT TROTUȘ BASIN DURING FLOODS IN 1991.....	575
<i>Pleșoianu Daniela</i>	
CHANGES IN THE LANDSCAPE OF N SIRET BASIN PRODUCED BY THE FLOOD OF 2008	581
<i>Pleșoianu Daniela, Simionescu Violeta</i>	
QUALITATIVE ASPECTS OF JIU RIVER'S WATER IN THE SECTION DOWNSTREAM OF THE MINING AREA ROVINARI – GORJ COUNTY	585
<i>Popa Daniela, Prunișoară (Șchiopu) Cristina</i>	
ABOUT THE AQUATIC AND PALUDOUS HABITATS FROM OLTENIA (ROMANIA).....	589
<i>Raduțoiu D., Ștefănescu D., Păunescu C.</i>	
STUDY ON THE BEHAVIOR OF DIFFERENT CULTIVARS OF CABBAGE CROP IN FIELD.....	595
<i>Prunișoară (Șchiopu) Cristina, Popa Daniela, Neață Gabriela</i>	
STUDY REGARDING THE PROVISION OF HUMIDITY AND TEMPERATURE DEMANDS FOR THE ON-TIME SEEDING OF RAPSEED	601
<i>Simionescu Violeta, Tanc Monica, Rusu Marioara, Baduca-Campeanu C.</i>	
ANALYSIS OF THE EVOLUTION OF VEGETATION FACTORS IN RELATION TO THE REQUIREMENTS OF COTTON IN THE CONTEXT OF CLIMATE CHANGE	607
<i>Simionescu Violeta, Tanc Monica, Rusu Marioara, Baduca-Campeanu C.</i>	
BENEFICIAL ENTOMOFAUNA FROM THE VEGETABLE CROPS AT THE S.D. BANU MĂRĂCINE	611
<i>Stan C., Țucă O.A.</i>	
COMPLICATION ASSOCIATED TO TRIPLE PELVIC OSTEOTOMY	615
<i>Tanase A., Mocanu Jacqueline, Ionita L., Muste A., Muste M.</i>	
THE ORIGINAL METHOD TO OPTIMIZE OF OSTEOSYNTHESIS TECHNIQUE IN THE SECANT ARCH ASSOCIATED WITH IMMUNOMODULATION	619
<i>Tănase A., Mocanu Jacqueline, Muste M., Ioniță Carmen, Ionita Lucian, Muste A.</i>	
RESEARCH REGARDING THE DOMINANCE OF SOME THREATENED SPECIES OF LEPIDOPTERA IN THE SITE NORDUL GORJULUI DE VEST DURING 2013 -2014	623
<i>Țucă O.A., Stan C.</i>	
RESEARCH REGARDING THE DOMINANCE OF SOME BAT SPECIES OF COMMUNITY IMPORTANCE IN THE SITE NORDUL GORJULUI DE VEST DURING 2013 – 2014	627
<i>Vlădulescu Carmen, Ciupeanu Călugăru Eleonora Daniela, Oлару Luminița</i>	

A RESEARCH ON THE QUANTITIES OF O ₂ INVOLVED IN THE METABOLIC PROCESSES OF ACETIC BACTERIA, IN A WHITE WINE, WITH AN ALCOHOLIC CONCENTRATION OF 10.5 VOL%	631
<i>Vlădulescu Carmen, Căpruciu Ramona</i>	
EVALUATION OF THE DIFFERENT FERTILLIZATION LEVELS IN THE PRODUCTIVITY AND CHEMICAL PROPERTIES OF TWO VARIETIES OF ROSEMARY ESSENTIAL OILS UNDER GREEK ENVIRONMENTAL CONDITIONS	637
<i>Wogiatzi Eleni, Gougoulas N., Papachatzis A., Papadouli Z., Theodosiou B.</i>	
RESEARCH ON NUTRITIONAL-METABOLIC ADAPTATION IN COWS IN THE TRANSITION PERIOD	645
<i>Lazar D., Retea C., Ionita Carmen, Tanase A., Grigore Alice, Ionita L.</i>	
150 th ANNIVERSARY OF THE BIRTH OF PROFESSOR IOAN HĂȘEGANU - THE FIRST PRESIDENT OF ROMANIAN SOCIETY OF HORTICULTURE.....	653
<i>Glăman Gh.</i>	