

**BIOLOGY
HORTICULTURE
FOOD PRODUCE PROCESSING TECHNOLOGY
ENVIRONMENTAL ENGINEERING**

**EFFICACY OF SINGLE DRIP LATERAL DESIGN FOR TWO PLANT
ROWS OF GRAIN MAIZE IN KONYA-KADINHANI-KOLUKISA
PROVINCE, TURKEY**

Bilal Acar, Yasemin Demir Yurteri5

**QUANTITATIVE ANALYSIS OF SOME CLASSES OF BIOACTIVE
ANTIOXIDANT COMPOUNDS IN FENNEL (*FOENICULUM VULGARE
MILL.*) LEAVES**

Popoviciu Dan Răzvan, Pricop Simona-Mariana15

**QUANTITATIVE ANALYSIS OF NUTRITIONAL AND BIOACTIVE
COMPOUNDS IN BITTER GOURD (*MOMORDICA CHARANTIA L.*)
FRUITS**

Popoviciu Dan Răzvan, Pricop Simona-Mariana, Radu Marius-Daniel21

**EFFECT OF NEGATIVE TEMPERATURE SHOCK ON THE PRIMARY
REZISTANCE OF MAIZE HYBRIDS**

Caus Maria, Dascalciuc Alexandru, Borozan Pantelimon27

**CONTRIBUTION TO THE DAMSEFLY FAUNA (ODONATA:
ZYGOPTERA) OF DOLJ COUNTY (SW ROMANIA)**

Babalean Anda Felicia.....33

**ODONATA OF ROMANESCU PARK (CRAIOVA, ROMANIA) IN THE
YEARS 2022 AND 2023**

Babalean Anda Felicia.....39

**EFFICACY AND SELECTIVITY OF HERBICIDES TO CONTROL WEEDS
IN CHICKPEA CROP AT MOARA DOMNEASCĂ, ROMANIA**

Ciontu Valentin-Marius, Gradilă Marga, Gîdea Mihai.....43

**ORCHARD EVALUATION OF CHERRY VARIETY-ROOTSTOCK
ASSOCIATIONS IN THE SECOND YEAR AFTER PLANTING**

Moga Andreea Anamaria.....49

**DISCOVERY AND IMPACT OF THE SPOTTED WING DROSOPHILA
(*DROSOPHILA SUZUKII*) (*MATSUMURA 1931*) (*DIPTERA:
DROSOPHILIDAE*) IN A MIXED RASPBERRY AND BLACKBERRY
PLANTATION IN PERIȘOR, DOLJ, ROMANIA**

Toma Oana-Mihaela, Mitrea Ion.....57

EVALUATION OF THE *IN VITRO* ANTIFUNGAL POTENTIAL OF NATURAL EXTRACTS AND SYNTHETIC PESTICIDES ON THE GROWTH AND DEVELOPMENT OF THE PATHOGEN *BOTRYTIS CINEREA*

Din Alin, Cristea Stelica, Sardaescu Ionela-Daniela, Vizitiu Diana-Elena, Nedelea Gina, Vilcoci Denisa, Cirstea Georgiana, Mihaescu Cristina, Mitrea Rodi63

THE IMPACT OF THE PRUNING TIME ON THE BIOLOGICAL PROPERTIES OF CHERRY VARIETIES GRAFTED ON MAXMA 14

Balan Valerian, Șarban Vasile71

THE BIOSTIMULATORY EFFECT OF BROWN ALGAE *ASCOPHYLLUM NODOSUM* ON GRAPEVINE

Sîrbu Carmen, Cioroianu Traian Mihai, Marin Nicoleta, Bireescu Geanina77

MICROSCOPICAL TESTS FOR *MELILOTI HERBA*

Anghel Cristina Ștefania, Enache Monica85

ANTHROPOGENIC RESOURCES - OPPORTUNITIES FOR THE DEVELOPMENT OF WINE TOURISM IN OLTENIA

Vintilescu Viorel, Mărăcineanu Liviu Cristian, Giugea Nicolae Muntean Camelia, Căpruciu Ramona91

DETECTION OF PLUM AND CHERRY VIRUSES IN THE SOUTHERN PART OF ROMANIA

Cățița Plopa, Mădalina Butac, Adina Floricica Iancu99

CONSIDERATIONS REGARDING THE VASCULAR FLORA OF SOME FRUIT ORCHARDS IN DOLJ COUNTY, ROMANIA

Răduțoiu Daniel, Cosmulescu Sina Niculina, Gheorghiu Nicolae, Stoenescu Ana Maria107

THE EFFECT OF PEPPERMINT, CLOVE, CINNAMON, SAGE AND ORANGE ESSENTIAL OILS ON *LACTOBACILLUS BULGARICUS* BACTERIA

Tuțulescu Felicia, Nicolae Laura Gabriela, Ristea Camelia Ramona115

MAKING YOGHURT FLAVOURED WITH ESSENTIAL OILS

Tuțulescu Felicia, Ionică Mira Elena, Nicolae Laura Gabriela125

PRELIMINARY RESULTS ON FRUIT QUALITY OF THE APPLE CULTIVATED IN ECOLOGICAL SYSTEM

Ștefan (Untaru) Roxana Ionela, Botu Mihai, Mareși Eugenia, Militaru Mădălina ..135

PARTIAL RESULTS ON FRUITS ASSESSMENT OF SOME WALNUT GENOTYPES PRESERVED AT RIFG PITESTI, ROMANIA

Untaru Aurelian Valentin, Botu Mihai, Stan Adelina, Butac Mădălina141

RESEARCH REGARDING THE RESURSELE VEGETALE DIN ZONA TISMANA AREA, GORJ COUNTY

Stan Cătălin, Schinteie Ion147

INSECTS SPECIES INVOLVED IN WASTE BIOCONVERSION AND USE AS ANIMAL FEED

Țucă Ovidiu, Stan Cătălin151

ASSESSMENT OF SOME AGROBIOLOGICAL AND TECHNOLOGICAL DESCRIPTORS WITHIN THE CLONAL SELECTION APPLIED TO *AUGUSTA* AND *VICTORIA* VARIETIES

Ciobotea Cristina-Magdalena, Bănuță Florina Mădălina155

IMPLEMENTATION OF THE HACCP QUALITY SYSTEM FOR AMANDINA CAKE

Căpruciu Ramona, Lazăr Mihaela-Nicoleta161

RESEARCH REGARDING THE PRESENCE OF BROWN MARMORATED STINK BUG *Halyomorpha halys* Stål IN DOLJ COUNTY

Stan Cătălin, Țucă Ovidiu Andrei169

EVALUATION OF SOME GENETIC RESOURCES USED IN THE APPLE IMPROVEMENT PROGRAM AT SCDP VOINEȘTI

Gavrilă Marian Florin, Petre Gheorghe, Cosmulescu Sina-Niculina173

FAMOUS HYBRID TEA ROSES FROM THE BOTANIC GARDEN “DIMITRIE BRANDZA” ROSARIUM IN BUCHAREST

Negulici Eduard Marius.....179

QUANTITATIVE ANALYSIS OF SOME CLASSES OF BIOACTIVE ANTIOXIDANT COMPOUNDS IN CARAWAY (*CARUM CARVI* L.) LEAVES

Pricop Simona-Mariana, Popoviciu Dan Răzvan187

QUANTITATIVE ANALYSIS OF ANTIOXIDANT COMPOUND CLASSES IN VEGETATIVE ORGANS OF BITTER GOURD (*MOMORDICA CHARANTIA* L.)

Pricop Simona-Mariana, Popoviciu Dan Răzvan, Radu Marius-Daniel193

ASPECTS OF *Linaria vulgaris* Mill. WEED FRUITS VARIABILITY

Ionescu Nicolaie, Șimon Alina Mariana, Popescu Diana, Badea Oana, Nicolae Mariana, Gheorghe Robert199

***OXALIS DEBILIS*, AN INDOOR ORNAMENTAL PLANT NEW NATURALIZED IN ROMANIA**

Raicu Maria, Camen-Comănescu Petronela, Petra Sorina, Toma Florin207

STUDY REGARDING GROUNDWATER POLLUTION IN THE AREA OF ȘIMNICU DE SUS

Cazan Petrică-Lucian, Dodocioiu Ana-Maria, Buzatu Gilda-Diana213

SYSTEMATIC ANALYSIS OF MAMMALS FROM THE VLĂDILA FOREST PROTECTED ARIA ROSCI0183

Stamin Florin Daniel, Olaru Mariana Luminița223

BIODIVERSITY AND HABITATS OF THE PROTECTED AREA ROSCI0174 STUDINITA FOREST

Olaru Mariana Luminița, Cheptănariu Andrada Maria229

EXPLORATION OF THE BIOACTIVE COMPOUNDS OF *MALUS DOMESTICA* AND POSSIBILITIES OF USING BY-PRODUCTS OF FRUIT PROCESSING IN THE JUICE INDUSTRY – REVIEW

Mandache Maria-Bianca, Cosmulescu Sina-Niculina235

UTERINE ARTERIES DOPPLER VELOCIMETRY IN A PREGNANT WOMAN WITH GENETIC RISK FOR THROMBOPHILIA

Olimid Diana247

ECOLOGICAL RECONSTRUCTION OF DEGRADED LANDS DUE TO WASTE ABANDONMENT IN A SOUTHERN AREA OF DOLJ COUNTY	
Țecu (Licsandru) Mariana-Cornelia, Buzatu Gilda-Diana, Dodocioiu Ana-Maria	255
SECONDARY TECHNICAL OPERATIONS USED TO FORM THE CROWN OF THE TREES IN THE CHERRY ORCHARDS ON GISELA 6 IN THE FIRST YEARS AFTER PLANTING	
Peșteanu Ananie	267
POSSIBILITIES OF USING EVERGREEN SPECIES IN EXTERIOR DECOR	
Mandă Manuela, Ilie Daniela	275
RESEARCH ON THE POSSIBILITY OF USING THE ECOLOGICAL CONDITIONS IN THE RURAL AREA OF ȘIMNICU DE SUS BY GROWING VINES	
Costea Dorin Constantin, Mușuroi M. Alexandra-Nicoleta	281
ELLAGIC ACID: A REVIEW ON NATURAL SOURCES AND MEDICINAL IMPORTANCE	
Stoenescu Ana-Maria, Trandafir Ion	287
MUSCLES - PHYSIOLOGICAL CONSIDERATIONS AND PATHOPATHOLOGY	
Olaru Mariana Luminița, Matei Ioana-Cristiana	303
ENVIRONMENTAL PRESSURES AND THREATS OF THE RIPARIAN FOREST VEGETATION IN LAKE TRICHONIDA (GR2310009)	
Stergiannis Panagiotis, Efthimiou Georgios, Mertzanis Aristeidis	309
INCIDENCE OF ENTEROBACTERIACEAE IN NOSOCOMIAL INFECTIONS	
Ciupăanu-Călugăru Eleonara-Daniela, Robert-Alexandru Bălan	315
QUANTIFICATION OF ELLAGIC AND GALLIC ACID FROM LEAVES OF WILD FRUIT SPECIES BY UHPLC CHROMATOGRAPHY	
Stoenescu Ana-Maria, Trandafir Ion	321
RESISTANCE OF THE NEPTUNE APRICOT VARIETY TO LATE FROSTS	
Vlăduț Alexandru Opreț	329
BIODIVERSITY STUDIES IN DIFFERENT GRAPEVINE CULTIVATION SYSTEMS	
Simion Enuță	333
THE COFFEE CONSUMPTION AMONG WOMEN OVER 40 YEARS OLD	
Olimid Diana	337
CONTRIBUTION TO THE GENUS SYMPETRUM NEWMAN, 1833 (ODONATA, ANISOPTERA) FROM SW ROMANIA, WITH A GENERAL DISCUSSION ON SYMPETRUM SPECIES	
Babălean Anda Felicia	343