



IV. BALKAN AGRICULTURE CONGRESS

31 August - 2 September, 2022, Edirne, Turkey

AGRIBALKAN 2022 CONGRESS PROGRAM



PLENARY SESSION

WEDNESDAY, AUGUST 31ST, 2022

09 ⁰⁰ - 09 ⁴⁵	Registration	
09 ⁴⁵ - 10 ⁰⁰	Opening Ceremony	
09 ⁴⁵ - 10 ⁴⁵	OPENING SESSION I: Session Chair: PROF. DR. MUSTAFA TAN , Trakya University, Edirne, Turkey	
09 ⁴⁵ - 10 ¹⁵	ACAD PROF DR ATANAS ATANASSOV , <i>Joint Genomic Center, Bulgaria</i> - "Latest developments in agrosience for providing food security, ecofriendly and climate-resilient agriculture"	
10 ¹⁵ - 10 ⁴⁵	PROF DR İSKENDER TİRYAKİ , <i>Canakkale Onsekizmart University, Turkey</i> "Development of Drought Tolerant Alfalfa (<i>Medicago sativa</i>) Genotypes at Germination Stage"	
10 ⁴⁵ - 11 ⁰⁰	COFFEE BREAK	
11 ⁰⁰ - 12 ⁰⁰	OPENING SESSION II: Session Chair: PROF DR VILIANA VASSILEVA , <i>Institute of Forage Crops, Pleven, Bulgaria</i>	OPENING SESSION III: Session Chair: PROF DR AHMET ULUDAG , <i>Canakkale Onsekizmart University, Turkey</i>
11 ⁰⁰ - 11 ³⁰	ASSOC PROF DR RUMIANA VASSILEVSKA-IVANOVA - <i>Inst. Plant Physiology & Genetics, Sofia, Bulgaria</i> - "The wild sunflower hybridization and its potential for sunlower breeding"	PROF DR LJUBINKO JOVANOVIĆ - <i>Educons University, Serbia</i> - "Microorganisms isolated from polluted soils as new tools in sustainable agriculture – circular biology"
11 ³⁰ - 12 ⁰⁰	DR MARIA JOITA-PACUREANU - <i>National Agricultural Research and Development Institute - Fundulea, Romania</i> - "Genetic biodiversity management by its preservation and improvement in different crops"	PROF DR EMINA DACI ZEJNULLAHI - <i>University of Business & Technology, Kosovo</i> "Impacts of COVID-19 pandemic on inflation in agriculture and food sector"
12 ⁰⁰ - 13 ⁰⁰	LUNCH	LUNCH

1 st Ses	AGRIBALKAN-I NORMAL Session Chair PROF DR İSKENDER TIRYAKI	AGRIBALKAN-II ONLINE	AGRIBALKAN-III ONLINE	AGRIBALKAN-IV ONLINE	AGRIBALKAN-V ONLINE	AGRIBALKAN-VI
13 ⁰⁰ -13 ¹⁵	KEYNOTE SPEECH: Importance of old bread wheat varieties in biodiversity - Desimir Knežević	Epigenetic Changes as an Inducer of Drought Tolerance in Plants, Review - Eric Kuopuobe Naawe	Solid-state fermentation: A new approach for improvement of nutritional value and bioactivity of agroindustrial by-products - Levent Yurdaer Aydemir, Hande Demir, Elif Kılıçarslan	The effects of the Covid-19 pandemic on agriculture in Istanbul - Elif Yıldırım	Determination of Resistance to ALS Inhibitor Herbicide in Wild Mustard is a Problem in Wheat Fields in Amasya and Çorum Provinces - Nagehan Çil Turgut, Hüsrev Mennan, Emine Kaya Altop	Yield and agronomic characters in two and six-rowed barley (<i>Hordeum vulgare</i> L.) genotypes under rainfed conditions - İrfan Öztürk, Remzi Avcı, Turhan Kahraman, Adnan Tülek
13 ¹⁵ -13 ³⁰		Adaptive and Interactive Response of Potato (<i>Solanum tuberosum</i>) Plants to Biotic Stress; Morpho-physiological and Biochemical Perspectives. - Eric Kuopuobe Naawe, Ufuk Demirel, Mehmet Emin Caliskan	Molecular markers for genetic diversity and characterization studies in <i>Orobancha spp.</i> - Behiye Banu Bilgen	The role of rural women in ensuring food security: an evaluation for Turkey - Beyza Tunç, Nevin Demirbaş	Determination of Resistance Improving Potential of Bemisia tabaci (Genn.) (Hemiptera: Aleyrodidae) Genetic Groups Against Cyantraniliprole - Isse Hassan Ali, Utku Yükselbaba	Effect of Post-Emergence Applied Herbicide Corum (Bentazone + Imazamox) and its Mixtures with liquid Foliar Fertilizers on the yield structure characteristics and Productivity of Chickpea (<i>Cicer arietinum</i> L.) - Tsenka Zhelyazkova
13 ³⁰ -13 ⁴⁵	KEYNOTE SPEECH: Nano-Agro-Tech: A Promising Approach for Sustainable Crop Production - Abdul Qayyum	Benchmarking deep learning and traditional machine learning approaches to the evaluation of <i>Fusarium</i> infection of wheat kernels - <u>Ewa Ropelewska</u> , Kadir Sabanci, Muhammet Fatih Aslan	Evaluation of Weed Plant: Purslane (<i>Portulaca oleracea</i> L.), as a Medicinal Functional Food - Fadime Eryılmaz Pehlivan	Evaluation of no-tillage agriculture within the scope of food availability for Turkey - Beyza Tunç, Nevin Demirbaş	Studies on The New Pest Ceutorhynchus suturalis Fabricius (Coleoptera: Curculionidae) in Onion Fields in Bursa and Balıkesir Provinces - İrfan Sürer, Nimet Sema Gençer	Influence Of Fertilization With Liquid Organic Fertilizer On The Chemical Composition, Nutritive Value, Yield Of Crude Protein And Feed Units Of Natural Agropyron Repens Grassland - Tsenka Zhelyazkova
13 ⁴⁵ -14 ⁰⁰		Determination of Yield and Some Quality Properties of Chicory and Some Forage Crops Mixtures at Different Harvest Periods in the Establishment Year - Mehmet Can, Gülcan Kaymak Bayram, İlnur Ayan, Zeki Acar	Characterization of Proteins Isolated from Peanut Flour and Determination of Techno-Functional Properties - Muhammed Şefik Özel, Hande Demir, Levent Yurdaer Aydemir	Development of organic agriculture in the world and in Turkey - Süheyla Ağızan, <u>Kemalettin Ağızan</u> , Zeki Bayramoğlu	Evaluation of Efficacies of Some Fungicides in Control of Root and Crown Rot Disease on The Cool-Season Turfgrasses - İrfan Sürer, Necip Tosun	Determination of Salt Stress Tolerance Levels of Some Local Bean (<i>Phaseolus vulgaris</i> L.) Cultivars at Germination Stage - Kezban Dinç, Enes Gökhan Yılmaz, Iskender Tiryaki
14 ⁰⁰ -14 ¹⁵	KEYNOTE SPEECH: Evaluation of introgressed lines of sunflower (<i>Helianthus annuus</i> L.) under contrasting water treatments - Saeed Rauf	Examining the change of protein contents and fiber components of hulless and hulled barley cultivars under varying nitrogen regimes - Onur Hocaoğlu	Antioxidant activity of buffalo cheeses - İrem Uzunsoy	Quality of agricultural lands for global food supply security - Zuhail Karakayacı, <u>Süheyla Ağızan</u> , Zeki Bayramoğlu	Effect of diatomaceous earth on stored product pest <i>Oryzaphilus surinamensis</i> L. (Col: Silvanidae) Hilal Susurluk	Morpho-biological properties of semi-oriental tobacco varieties - Valentina Pelivanoska, Karolina Kocoska
14 ¹⁵ -14 ³⁰		Effects of mycorrhiza effectiveness and different adhesive agents used in bacteria inoculation process to chickpea for nodulation and some seedling growth - Ruziye Karaman, Muharrem Kaya, Cengiz Turkey	Impact of ultraviolet light radiation on the consumer preferences, mould growth, colour, oxidative & sensory characteristics of butter - Nurcan Koca, Fatma Özen-Özdemir, Şimal Abur, Müge Urgan-Öztürk, Yurdanur Akgül, Gülten Gündüz	Examination of Studies Related to Covid 19 Effects on Agriculture Sector by Bibliometric Analysis Method - Emre İnalpulat, Sibel Tan	Research of resistance of western flower thrips, <i>Frankliniella occidentalis</i> (Pergande) (<i>Thysanoptera: Thripidae</i>) populations to different insecticide groups - Duygu Demiröz, N. Alper Kumral	Impact of different nitrogen rates on the yield and qualitative features of tobacco type Basmak and Dzebel - Valentina Pelivanoska, Biljana Jordanoska Siskoska, Marija Srbinska

14 ³⁰ -14 ⁴⁵	7	Genotype by environment interaction influence on functional molecules (α -tocopherols and sterols) accumulation in sunflower oil - Javeria Abid, <u>Saeed Rauf</u>	The use of the nitrification inhibitor 3, 4 Dimethyl pyrazole Phosphate (DMPP) on physiologic characters in bean (<i>Phaseolus vulgaris</i> L.) - Engin Takil, Nihal Kayan	The Effect of Natural, Convective, and Microwave Drying Techniques on Color, Protein, and Mineral Composition of Parsley Leaves - <u>Ilknur Alibas</u> , Aslihan Yilmaz	Effects of different maize straw material applied in the soil on corn yield parameters - Hamza Negiş, Cevdet Şeker, Raziye Koçkesen	Disease & pest management in edible grape leaf production - <u>Damla Zobar</u> , Mehmet Ali Şenol, Ahmet Semih Yaşasın, Ali İzzet Torçuk, Mehmet Ali Kiracı	Rice milling and shedding variation at harvest season - Alireza Allameh
14 ⁴⁵ -15 ⁰⁰	8	Effect of Copper Nano Particles on Growth and Yield of Maize - <u>Abdul Qayyum</u> , Ehtisham Khan Tanoli, Yamin Bibi	Effect of broomrape on biomass accumulation and distribution in sunflower - Maria Duca, Steliana Clapco, Ion Gisca	Using an e-nose system in olive oil quality classification - Sefa Aksu, <u>Umut Mucan</u> , Selçuk Çetin, Mehmet Ali Gündoğdu, Ünal Kızıl	Genetic studies of yield, ionic, fiber and biochemical attributes in cotton under various salinity levels - Muhammad Tanees Chaudhary, Iqar Ahmad Rana, Sajid Majeed, Muhammad Tehseen Azhar	Fungal diseases in lavender (<i>Lavandula</i> spp.) - Jannat Khan, Nuray Özer	Land preparation impacts on soil physical properties and grain yield of canola (<i>Brassica Napus</i> L. - Alireza Allameh, Mohamad Reza Alizadeh
15 ⁰⁰ -15 ³⁰		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
2 nd Ses		AGRIBALKAN-I NORMAL Session Chair PROF DR ATANAS ATANASSOV	AGRIBALKAN-II ONLINE	AGRIBALKAN-III ONLINE	AGRIBALKAN-IV ONLINE	AGRIBALKAN-V ONLINE	AGRIBALKAN-VI
15 ³⁰ -15 ⁴⁵	9	Weeds & their Management in Sunflower Fields in Paşaeli, Türkiye - Çağnur Çam, Feyza Aykan, Mert Yıkılmaz, <u>Ahmet Uludag</u>	Which plant species is more suitable for the control of <i>Tetranychus urticae</i> with <i>Amblyseius swirskii</i> ? - Pınar Hephızlı Göksel, N. Alper Kumral	Effect of harvesting time on quality parameters of ultrasound-assisted extracts from olive leaves - Ceren İlğaz, Pınar Kadiroğlu Kelebek	Effect of grapefruit essential oil addition to the diet on performance, slaughtering characteristics and meat quality of male quails - Esra Tuğçe Gül, Osman Olgun, Alpönder Yıldız	Diurnal variations of essential oil content and composition of <i>Satureja cilicica</i> P.H. Davis under culture conditions - Hasan Maral	Cultural ecosystem services as key element in human well-being in Standja Nature Park, Bulgaria - Ekaterina Valcheva, Tatyana Bileva, Gradimir Gradev, Stilyana Yaneva
15 ⁴⁵ -16 ⁰⁰	10	Phenotypic Diversity in Indigenous Landraces of <i>Brassica napus</i> Using Multivariate Analyses - <u>Abdul Qayyum</u> , Naushad Ali	Effects of different herbicide applications on growth parameters in corn (<i>Zea mays</i> L.) - Seyda Akbaş	The promising use of aronia in dairy products - Irem Uzunsoy	Effect of red beet powder addition to the diet on performance, carcass and meat quality of male quails - Osman Olgun, Esra Tuğçe Gül, Alpönder Yıldız	Breeding progress in mixographic characteristics of winter bread wheat varieties in Turkey - Mehmet Tekin	Ecosystem services provided by farmland birds - case of lesser kestrel in Spa Sakar, Bulgaria - Gradimir Gradev, Stilyana Yaneva, Tatyana Bileva
16 ⁰⁰ -16 ¹⁵	11	The effect of two elicitor genes dsRNA spraying on the severity of the late blight on potato plants - <u>Artemii Ivanov</u> , Tatiana Golubeva	Shortening the generation time in confectionary sunflower by using speed breeding - Hümeyra Yaman, <u>Gülden Çetin Özkan</u> , Meryem Sağkol, Ersin Akşor, Oğuzhan Aydın	Dark chocolate with <i>Carlina acanthifolia</i> roots: impact on physical properties, nutritional potential and sensory properties - Emine Saraliev, Emin Eminov, Raina Hadjikinova <u>Nadezhda Petkova</u> , Ivanka Petrova, Ivan Ivanov	The effects of organic acids and saccharose addition to the drinking water of broilers during the withdrawal period on the carcass, heart, liver, gizzard, and small intestine weight - Zafer Binbir, Ergin Öztürk	Effects of different nitrogen doses on forage yield and quality of some annual ryegrass cultivars - Muhammed Sait Akbaş, Saban Yılmaz, Ibrahim Ertekin	Natural hazards and policies for ecological agriculture in Bulgaria - Boian Kuolov Velimira Stoyanova, Bilyana Borisova, Nikolay Rachev
16 ¹⁵ -16 ³⁰	12	<i>Echinochloa</i> spp. in rice fields in Biga, Turkey - Buse Ezgi Kurban, Ahmet Uludag	Leaching of Nicosulfuron Used in Maize Caused by Heavy Rainfall - Ahmet Tansel Serim, Ünal Asav, İstem Budak	Cultivation of <i>Galleria mellonella</i> model of infection in laboratory conditions - Ülkü Zeynep Üreyen Esertaş, İnci Durukan, Ali Osman Kılıç	Chemical composition and in vitro fermentation characteristics of <i>Coridothymus capitatus</i> L. Hande Işıl Akbağ	Cultivation of Drought Resistant medicinal and aromatic plants in Turkey - Hülya Doğan	Utilizing of <i>Atriplex hotensis</i> for phytoremediation of metals-contaminated soils - Salma Kachout
16 ³⁰ -16 ⁴⁵	13	Flag leaf of bread wheat (<i>Triticum aestivum</i> L.) genotypes and relation with yield	<i>Erwinia persicina</i> , a soft rotting bacterium isolated from symptomatic plant parts of celery,	Evaluation of Physicochemical and Antifungal Properties of Artisanal Apple Vinegar -	Experimental designs for triploid induction methods in Nile Tilapia (<i>Oreochromis</i>	Effects of organic fertilizers on yield and quality of black cumin (<i>Nigella sativa</i> L.) -	Overview of different types of artificial nest boxes using by lesser kestrel in Europe- Stilyana

	component under rainfed conditions - İrfan Öztürk	garlic and sugar beet in Turkey - Murat Öztürk	Boufera Ikram	<i>niloticus</i>) - Burak Evren İnanan	Mehmet Gökçe	Yaneva, Gradimir Gradev, Sara Tounti, Tatyana Bileva
16 ⁴⁵ -17 ⁰⁰						
14	RNA Sequencing Analysis of Salt and Drought Tolerance in Gamma-induced Soybean (<i>Glycine max</i> L. Merr.) Mutants - Sinan Meriç , Tamer Gümüş, Özge Çelik, Çimen Atak	Phenotypic and molecular characterization of the <i>Pantoea sp.</i> and <i>Kosakonia sp.</i> isolated from the onion fields in Eskişehir, Turkey - Zahide Özdemir, Emine Şenay	A green extraction of phenolic compound: a new perspective for phytotherapy - Katia Djenadi, Assia Cherifi, Ahmed Boulal , Mohamed Malik Mahdjoub, Mustapha Bachir Bey, Djamel Edine Katı	Determination of changes in some nutrient content of <i>Agaricus bisporus</i> stem part fermented with rumen liquid in different environmental conditions - Şevket Özlü, Emrah Güngör, Aydın Altop, Güray Erener	Antioxidant Activity and Composition of the Essential Oils of Two Endemic <i>Sideritis sp.</i> from Turkey - Hasan Maral, Musa Türkmen, Ayşegül Türk Baydır, Ömer Çeçen	Effect of management practices on soil microarthropods in conventional orchard in Plovdiv region - Tatyana Bileva, Ekaterina Valcheva Rada Popova, Galya Dobrevska, Manol Dallev , Slaveya Petrova
17 ⁰⁰ -17 ¹⁵						
15	Assessment of salt & Water Stress Tolerance of Tunisian Squash (<i>Cucurbita maxima</i> Duchesne) germplasm - Tarchoun Neji, Saadaoui Wassim , Hamdi Khawla	Population density of aphids on some hybrid cultivars of sunflower (<i>Helianthus annus</i> L.) at different degree of weeding - Georgi Dimitrov, Liliyana Koleva	Use of ImageJ Image Processing Software in Fungal Growth Tracking - <u>Zemran Mustafa</u> , Fatih Ölmez, Mahinur Akkaya	Mucilage menace in the sea of Marmara as a current perspective - Akasya Topçu, İlknur Meriç Turgut, Esra Özcan	The Effect of Pollination Distance on Seed Yield and Quality Traits in Hybrid Corn Seed Production - Özay Yılmaz	Wild species from Iridaceae family in the collection of IPGR-Sadovo-Katya Uzundzhaliyeva, Tsvetanka Raycheva, Kiril Stoyanov
17 ¹⁵ -17 ³⁰						
16	Seed production of maize hybrids in Bulgaria - <u>Emil Vasilev</u> , Valentina Valkova, Nataliya Petrovska	Screening of some wild tomato accessions for resistance to two-spotted spider mite (<i>Tetranychus urticae</i> Koch) - Aylin Kabaş, Gökhan Erdoğan	Cytotoxic effect of beta glucan in hepatocellular carcinoma HepG2 cells - Sevcan Mamur	Use of Bentonite Against Aflatoxicosis in Poultry Feeding - Uğur Temiz, Ergin Öztürk	Critical plant nutritional element for potato; potassium - Ramazan İlhan Aytekin, Sevgi Çalışkan	Species from genus <i>Iris</i> in the collection of IPGR-Sadovo - Katya Uzundzhaliyeva, Tsvetanka Raycheva, Kiril Stoyanov
17 ³⁰ -17 ⁴⁵						
17	Antioxidant activity of Tunisian pumpkin by-products: a response surface methodology approach - Zar Kalai Feten, Yeddes Walid, Hammami Majdi, Ben Mansour Rim, Falleh Hanen, Barros Lilian, Tarchoun Neji, Ksouri Riadh	Determination of The Effect of Different IBA Doses on Rooting of Rootstock Candidate Cherry, Sour Cherry and Mahleb Genotypes on Soft Cuttings - Erol Aydın, Ercan Er	Medicinal plants in folk tradition of Bosnia and Herzegovina - Edina Muratović, Fatima Pustahija, Adisa Parić	The effects of additions organic acids and saccharose to drinking water before withdrawal on meat and liver PH, color values, and number of microorganisms - Zafer Binbir, Ergin Öztürk	The Effect of Some Treatments on Seed & Plant on the Agricultural Properties of Faba Bean (<i>Vicia faba</i> L.) and The L-DOPA (L-3, 4-Dihydroxyphenylalanine) Content - Zehra Gül Oğuz, Hatice Bozoğlu	Morphological diversity and some fruit biochemical traits in Bulgarian eggplant (<i>S.melongena</i> L) landraces - Veselina Masheva, Mariya Sabeva
17 ⁴⁵ -18 ⁰⁰						
18	Genetic characterization of Moroccan apples (<i>Malus domestica</i> Borkh.) cultivars using SSR markers - <u>Abdelmajid Haddioui</u> , Youssef Khachtib, Said Bouda, Hasna Zinelabidine	Determination of bud fertility and pruning type of some table grapes - Mustafa Celik	Micro-scale Drinking Water Footprint Mapping of Bovine, Ovine and Poultry Farming in Canakkale, Turkey Using GIS - Sude Nur Kaya, <u>Melis İnalpulat</u> , Levent Genc	Use of Bentonite as Performance Enhancer in Broilers - Uğur Temiz, Ergin Öztürk	The Effect of Iodine Preparations Applied by Different Methods on Yield Characteristics of Oats - Beyzanur Çetinkaya, İlky Eryaman, İmren Kutlu	Assessment of Land Cover, land Use and Water Quality in the Osam River Basin, Bulgaria - Kristina Gartsyanova 1,2, Stefan Genchev , Atanas Kitev
19 ⁰⁰ -23 ⁰⁰	GALA DINNER					

	AGRIBALKAN-I NORMAL Session Chair PROF DR DESIMIR KNEŽEVIĆ	AGRIBALKAN-II ONLINE	AGRIBALKAN-III ONLINE	AGRIBALKAN-IV ONLINE	AGRIBALKAN-V ONLINE	AGRIBALKAN-VI
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09 ⁰⁰ -10 ³⁰	1.09.2022 THURSDAY	1.09.2022 THURSDAY	1.09.2022 THURSDAY	1.09.2022 THURSDAY	1.09.2022 THURSDAY	1.09.2022 THURSDAY
09 ⁰⁰ -09 ¹⁵	19 Effects of Irrigation with Water from Different Sources on the Some Soil Chemical Properties - Perihan Tari Akap, Mehmet Gündüz, Şener Özçelik, Şerafettin Aşık	Effect of Growth Regulators and Sugars on Callus Induction in Service Tree (<i>Sorbus domestica</i>) - <u>Öznur Öz Atasever</u> , Sevtaç Doksöz Boncukcu	Mechanical and bearing condition evaluation by vibration analysis of threshing unit of combine harvester - <u>Shankar Bhandari</u> , Eglė Jotautienė Antanas Juostas	Macromorphological and micromorphological study of achenes (<i>Cypselia</i>) in <i>Lactuca serriola</i> L. and <i>Lactuca saligna</i> L. (Asteraceae) - Bediha Köse	Early maturity time rice variety was developed for the temperate climate condition - Rasim Unan, Serkan Yılmaz, Melih Enginsu, Özgür Azapoğlu	Study on different cultivation dates of pepper as early field production - Dimka Haytova
09 ¹⁵ -09 ³⁰	20 Comparative study of the baseline blood biochemical parameters in captive bearded, griffon, cinereous & Egyptian vultures - Rusko Petrov, Dobry Yarkov, Tzvetan Chaprazov, Yana Andonova, Stefka Dimitrova	Effect of partial shading net and plastic cover on canopy microclimate, berry composition and vine growth under hot climate conditions - <u>Turcan Teker</u> , R. Oğuzhan Soltekin, Ebru Toprak Özcan	Assessment of soil physical and chemical properties for the agricultural areas in the Menemen plain near the sea - Mehmet Gündüz, Nebi Yeşilekin, Bayram Akyol, <u>Perihan Tari Akap</u> , Şuayip Yüzbaşı, Ümit Alkan	Evaluation of the Effectiveness of Silicon Dioxide on Some Germination and Vegetative Growth Parameters of Radish Cultivars in Saline Conditions - Kamile Ulukapı Ayşe Gul Nasircilar, Hatice Üstüner	Determination of agricultural yield properties of some sweet fennel (<i>Foeniculum vulgare</i> Mill. var. dulce) populations - Seyhan Gündoğmuş Çetinkaya, Hülya Doğan	Influence of the application of ultrasound on the seed quality and the development of seedlings of <i>Lagerstroemia indica</i> L. - Valeria Ivanova, Martin Stoilov
09 ³⁰ -09 ⁴⁵	21 Genetic testing of the saker falcon (<i>Falco cherrug</i>) in Bulgaria - Rusko Petrov, Dobry Yarkov, Nayden Chakarov, <u>Yana Andonova</u> , Albena Bekyarova	Effects of Different Postharvest Treatments on Storage Duration and Quality of Pomegranate cv. Hicaznar - Sevil Unal, Ferhan K. Sabır	Spectroscopic Monitoring of the Photocatalytic Degradation of Humic Acid Using Binary Oxides - <u>Yeliz Akpınar</u> , Nazlı Turkten, Dila Kaya, Yunus Karatas, Miray Bekbölet	The Role of Glutamine as a Regulator of Gene Expression Under Stress Condition in Plants - Ayşe Gul Nasircilar, Kamile Ulukapı	Importance of Commercial Silage Inoculants - İbrahim Ertekin, İbrahim Atış	Influence of the ultrasound treatment on the sowing parameters of <i>Colutea arborescence</i> L. seeds - Velentin Panchev
09 ⁴⁵ -10 ⁰⁰	22 Investigation of the effects of swimming activity and feed restriction on digestive and antioxidant enzyme activities of Rainbow Trout (<i>Oncorhynchus mykiss</i> Walbaum) <u>Gökhan Tunçelli</u> , Onur Ertik, Bertan Boran Bayrak, Devrim Memiş, Refiye Yanardağ	Effects of Salicylic acid Application on Fresh Cut Apple Slices on Quality During Cold Storage - Sevil Unal, Ferhan K. Sabır	Experience in performing restoration works of dock parts of pumping stations using the injection waterproofing method <u>Voitovych Ivan, Nataliya Bryuzgina</u>	Determination of Optimum Conditions for Biosurfactant Production from 2sb Isolate and its Antibacterial Activity - Didem Aksu, Selin Sarıçayır, Pelin Sarıkaya, Mamadou Malick Diallo, Güven Özdemir	Biologically active substances and antioxidant potential in wastes and distillation waters obtained from <i>Rosa damascena</i> Mill. petals grown under different agriculture management - Nadia Petkova, Neli Grozeva, Mima Todorova, Mariya Gerdzhikova	Land suitability assessment for pepper cultivation around Katunitsa village, Bulgaria - Zhulieta Arnaudova, Dimka Haytova, Nikolay Panayotov, Slaveya Petrova
10 ⁰⁰ -10 ¹⁵	23 The Effect of Swimming Activity and Feed Restriction of Rainbow Trout (<i>Oncorhynchus mykiss</i> , Walbaum) on Aquaponics - <u>Gökhan Tunçelli</u> , Devrim Memiş	Cold tolerance related mirna expression patterns in cultivated and wild tomato genotypes - <u>Houtan Vafaiefard</u> , Yasaman Naziri, Aylin Kabaş, Hülya İbri	Mapping Greenhouse Area Changes Using Sentinel-2 Imageries and Different Classification Techniques: Pilot Area in Aksu, Antalya, Turkey - <u>Melis İnalpulat</u> , Levent Genc	Investigation of the BoLA-DOB gene polymorphisms in Holstein - Sertaç Atalay	Dynamic controlled atmosphere storage systems and their effects on storage quality - Adem Doğan	Phenological and morphological development of different cultivars of pumpkins - Dimka Haytova
10 ¹⁵ -10 ³⁰	24 Presence of microplastics in stomach contents of Blue Crab <i>Callinectes sapidus</i> (Rathbun, 1896) in Çanakkale Strait - Seçil Acar, Selin Ertürk Gürkan, A. Suat Ateş, Şükran Yalçın Özdişlek	Clethodim Herbicide Application Timing and Rate Effect on Weedy Rice - Rasim Unan, Kassim Al-Khatib	Evaluation of the daily variation of aerodynamic resistance of grass in low-tech Mediterranean-type greenhouses - Cihan Karaca		How wildfires affect the aquatic ecosystem: Mugla province as a case- <u>İlknur Meriç Turgut</u> , Akasya Topçu, Esra Özcan	Effect of different fertilization in carrot seed production on the mathematical approach of seedling morphology - Nikolay Panayotov, Velika Kuneva, Alexander Trayanov

5 th Ses	AGRIBALKAN-I NORMAL Session Chair ASSOC PROF DR SAEED RAUF	AGRIBALKAN-II ONLINE	AGRIBALKAN-III ONLINE	AGRIBALKAN-IV ONLINE	AGRIBALKAN-V ONLINE	AGRIBALKAN-VI
13 ⁰⁰ -13 ¹⁵ 29	Design of functional biscuits enriched with dandelion and rose petals- <u>Emin Eminov</u> , Nadezhda Petkova, Mima Todorova, Mariya Gerdzhikova, Neli Grozeva	Effects of kitchen waste compost and chemical fertilizer application on lettuce (<i>Lactuca sativa</i> L.) plant growth - Serhat Gürel	Effect of four extenders on the quality of fresh semen in Bulgarian sports horse breed - <u>Desislava Abadjieva</u> , Boyko Georgiev Paulina Taushanova, Zlati Shekerov	Determination of Drought in Meric-Ergene Basin Using Standard Precipitation Index - Umut Mucan, Murat Yıldırım	Varieties and characteristics of lettuce/salad (<i>Lactuca sativa</i> L.) recorded in Türkiye- Sıtkı Ermiş	Impact of late spring frosts on some pear cultivars - Vahid Islam Avdiu, Bedri Dragusha, Gezim Hodolli
13 ¹⁵ -13 ³⁰ 30	An Investigation on Storage Stability of Mixed Surfactant-Based Nanoemulsions for Vitamin E Encapsulation - <u>Anwaar Ahmed</u> , Tahir Mahmood	Biogas facility-based organic/organomineral fertilizers can contribute to sustainable nutrient management - Emin Bülent Erenoğlu, Mahmoud Emad Morsy, Kübra Dilan Hacirüstemoğlu	Determination of bioremediation potentials and plant growth-promoting properties of bacillus species isolated from the rhizosphere of <i>Dactylorhiza urvillena</i> belonging to the <i>Orchidaceae</i> family - Ülkü Zeynep Üreyen Esertaş, Emel Uzunalioğlu, Arif Bozdeveci, Şengül Alpaya Karaoğlu	An ecotoxicological evaluation of trace elements in the water of irrigation ponds located in Thrace region of Türkiye - Cem Tokatlı	Quality Changes in Different Parts of Fruits of Some Morphologically Different Watermelon Hybrids - Veysel Aras	An Efficient Protoplast Isolation Protocol for Transient Expression in Grapevine - Gülşen Kolaşinliler, Hilal Betül Kaya
13 ³⁰ -13 ⁴⁵ 31		The Importance of Soil Fertility for Sustainable Yield and Quality Management in Avocado Cultivation in Turkey - Hüseyin Ok, İsmail Emrah Tavalı	Factors affecting market participation: A case study of smallholder farmers in the Ehlanzeni district, Mpumalanga province in South Africa - Phokele Maponya	Chlorine and phosphate levels in drinking water of ipsala district an agricultural stressed region in Türkiye: A GIS based evaluation - Cem Tokatlı	Head Properties of Some Artichoke Populations- İbrahim Sönmez	Evaluation of cornus alba tolerance to air pollution in urban conditions - Tamara Chadzinikolau, Magda Formela-Luboińska
13 ⁴⁵ -14 ⁰⁰ 32	Essential oil composition and antioxidant activities of four cultivars of Lavender from Edirne - Buket Askin, Yalçın Kaya, Merve Guzel	Prediction of aggregate stability of cultivated fields using some soil properties - Coşkun Gülser	Contributions of livestock markets to the municipal budgets in the Republic of Benin - <u>Oscar Akouegnonhou</u> , Nevin Demirbaş	Recovery of thorium from purification process of rare earth elements - İbrahim Hakan Demirelli, Gokhan Onder Erguven Numan Yıldırım, Gozde Erguven	A Preliminary Research on the Use of Monoatomic Silver Solution in Tomato - Esra Nermin Ertekin, Kamile Perçin Akgül, Aslı Arslan Kulcan, Özlem Şen Mehmet Ali Topo	Effect of the application of ultrasound on seed quality of <i>Caesalpinia pulcherrima</i> Sw. and the development of the seedlings - Velentin Panchev, Valeria Ivanova
14 ⁰⁰ -14 ¹⁵ 33	Characterization of Date Palm (<i>Phoenix Dactylifera</i> L.) Cultivars Grown in Baluchistan, Pakistan - <u>Anwaar Ahmed</u> , M. Akram Khan, Abida Mariam	An overview: Heavy Metal Hyperaccumulation and Phytoremediation in Plants - Fadime Eryılmaz Pehlivan	Current Situation of the Red Meat Sector in Benin: Problems and Solution Recommendations - <u>Oscar Akouegnonhou</u> , Nevin Demirbaş	Water supply and sewage systems from ancient ages to the present - Yunus Emre Aksakal, Gokhan Onder Erguven, Numan Yıldırım	Effect of hawthorn (<i>Crataegus</i> spp) rootstock on fruit quality in loquat (<i>Eriobotrya japonica</i> Lindl.) - A.Aytekin Polat	Productivity of different cape gooseberry (<i>Physalis peruviana</i> L.) genotypes influenced by meteorological conditions in South Bulgaria - Nikolay Panayotov, Kalinka Kuzmova
14 ¹⁵ -14 ³⁰ 34	Characterization of Extra Virgin Olive Oil from Olive Cultivars Grown in Pothwar (Pakistan) - <u>Anwaar Ahmed</u> , Abida Mariam, Muhammad Akram Khan	Inoculation of Wheat with the Endophytic Fungus <i>Piriformospora indica</i> Enhances Growth and Confers Tolerance to Salinity Stress and Boron Toxicity - Özgür Altundaş, Ümit Barış Kutman	Forecasting of demand of water in Libya for Agriculture - Jamal Ali Mohamed Ehdadan	Natural Swimming Pools: Design and Implementation Principles - Aleyna Gün, Tutku Ak	Influence of quince rootstocks on vegetative growth, phenological characteristics and fruit set ratios in loquat sapling - A.Aytekin Polat	Study of the possibilities for improving the sowing qualities of seeds and the vitality of seedlings from <i>cryptomeria japonica</i> don. Through pre-sowing treatment with ultrasound -Valeria Ivanova

14 ³⁰ -14 ⁴⁵	35 The use of dried blood powder as an animal protein source in the diets of Nile tilapia (<i>Oreochromis niloticus</i>) - Egbal Osman Ahmed Abdalla	Investigation of Biostimulant Effects of <i>Cystoseira barbata</i> Extracts on Soil Grown Broccoli Plants - Yağmur Arıkan, Hande Mutlu Durak, Bahar Yıldız Kutman	Agricultural training challenges faced by the smallholder farmers in the Zululand district, Kwazulu natal in South Africa - Phokele Maponya	Pre-treatability of tunceli organized industrial zone wastewaters by coagulation/flocculation process - Mehtap Tanyol	Nutritional composition of fermented sour cherry kernel using <i>Bacillus subtilis</i> in solid-state fermentation - <u>Emrah Güngör</u> , Şevket Özlü, Aydın Altop, Güray Erener	Methodological approach for assemble data from vegetable crops for use in remote sensing - Zhulieta Arnaudova, Dimka Haytova, Nikolay Panayotov, Slaveya Petrova
14 ⁴⁵ -15 ⁰⁰	36 The benefits of applying biofilters to improve the water quality in aquariums - Egbal Osman Ahmed Abdalla	The Biostimulant Effect of <i>Cystoseira barbata</i> Extracts on Wheat Germination - Hande Mutlu Durak, Yağmur Arıkan, Bahar Yıldız Kutman	Green Algerian <i>algae Ulva lactuca</i> protects against oxidative stress induced by high fat diet/low dose streptozotocin, in wistar rats - Labbaci Fatima Zohra, Belkhdja Hamza, Boukortt Farida Ouda	A Quick Start to Do-It-Yourself Smart Farming: An Exemplary System with the Internet of Things - Ismail Ağır	Overcoming heat stress in poultry through a nutrigenomic approach - <u>Arif Darmawan</u> , Ergin Öztürk	Determination changes of agricultural landscapes of the steppe zone of Ukraine by satellite data - Elena Vlasova, Anatoliy Shevchenko
15 ⁰⁰ -15 ³⁰	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
6th Ses	AGRIBALKAN-I NORMAL Session Chair Assoc Prof Dr Suleyman KÖK	AGRIBALKAN-II ONLINE	AGRIBALKAN-III ONLINE	AGRIBALKAN-IV ONLINE	AGRIBALKAN-V	AGRIBALKAN-VI
15 ³⁰ -15 ⁴⁵	37 A socio-economic study on the international potential and competitive conditions of rice producers in the thrace region: Sample of Ipsala district - İpek Atılğan Helvacıoğlu, Tuna Şener, Cem Tokatlı	Effect of Different Seasons and Cold Treatments of Nodal Shoot Explants on in vitro Culture Establishment of Hazelnuts (<i>Corylus avellana</i>) - Merve Şekerli	Evaluation of physico-chemical parameters of some varieties of wheat and related microflora - Amilda Ballata	Inactivation of <i>S. boulardii</i> inoculated in Phosphate-buffered saline and sour cherry juice by high hydrostatic pressure combined with freezing - Figen Idrisoğlu, Sami Bulut	The influence of conventional & organic growing conditions on phenolic acids, flavonoids and antioxidant activity - Nadezhda Petkova, Samanta Kuzmanova, Tatyana Bileva, Ekaterina Valcheva, Galya Dobrevska, Neli Grozeva, Vladislav Popov	Forage Chicory - a viable alternative in cattle nutrition - Radu Neamt, Saplacan Gheorghe, Neciu Florin, Ilie Daniela, Mihali Ciprian, Mizeranschi Alexandru, Saplacan Silviu
15 ⁴⁵ -16 ⁰⁰	38 An evaluation on measurement methods of life satisfaction in rural areas - Aslan Fırat, Armağan Gökşel	Molecular Factors Affecting Chicken Meat Quality and Flavor - <u>Emine Toparslan</u> , Demir Özdemir	Aquatic Flora of Vjosa River - Alma Imeri	Detection Level of Bovine DNA Isolated from Milk by Real-Time PCR - Yusuf Biçer, Gonca Sönmez	Nutritional Composition of Baby Corn (<i>Zea mays L.</i>) - Orhan Dağlıoğlu, Ümit Geçgel, Didem Sözeri Atik	Laminitis in dairy cows - Eglantina Xhemollari, Elgert Metlli
16 ⁰⁰ -16 ¹⁵	39 Evaluation of Some Chemical and Biochemical Properties of Donkey Milk in Different Lactation Periods - Muhammet Kaptan, Utku Duran, Hakan Tüfek, Serkan Sugeçti	<i>Apis mellifera</i> microbiome: between dysbiosis and protection from parasite infection - Katia Djenadi, Assia Cherifi	Foam-mat drying method and its applications in dairy technology - Elif Ayşe Anlı	Potential use of probiotics and prebiotics on Covid-19 infection management - Vildan Akdeniz, Ayşe Sibel Akalın	Comparative evaluation of glucose inhibition on galacto oligosaccharide synthesis in two different reactors - Kadir Cinar, Haci Ali Gulec, Gurbuz Gunes, Pelin Onsekizoğlu Bağcı, Ufuk Bağcı	Clinical pathological findings in dogs with leishmaniasis - Eglantina Xhemollari, Marvin Brajha
16 ¹⁵ -16 ³⁰	40 Investigation of the effect of the Covid-19 process on the agricultural sector: Aydın province example - Aslan Fırat, Koyunsever Berivan, Özdemir Nur Gizem, Devicioğlu Selin, Çınar Gökhan	Three Novel Genotypes Detected in IGF1P-3 Gene in Anatolian Water Buffaloes - Yusuf Ozsensoy, <u>Inanc Baral</u> , Haki Kara	Effects of climate change on drying of agricultural products and foods with traditional sun-drying technique - Havva Eylem Polat, Yağın Güçer, Alper Serdar Anlı, Elif Ayşe Anlı	Plant growth regulators effects on oil ratio and fatty acid compositions of peanut (<i>Arachis hypogaea L.</i>) - Mustafa Yılmaz, Cenk Burak Şahin	Enzymatic synthesis of galacto oligosaccharide in osmotic membrane distillation integrated system: Effect of water removal rate - Haci Ali Gulec, Kadir Cinar, Gurbuz Gunes, Pelin Onsekizoğlu Bağcı, Ufuk Bağcı	Use of computer techniques for performing morphometric measurements in biology - Manjola Kuliçi, Arbenita Hasani

16 ³⁰ -16 ⁴⁵	41 Effect of GDF-8 3'UTR polymorphism on linear body measurements of meat-type lambs at weaning in Turkey - Vasfiye Kader Esen, Cengiz Elmacı	Investigation of Fatty Acid Composition in Muscle Longissimus Dorsi (MLD) Muscle of Holstein Bulls - <u>Hilal Arslan</u> , Süleyman Kök, Sertaç Atalay	Utilization of waste biomass from animal products - status and prospects - Rositza Mikova	Production of Novel Poly/Oligosaccharides by Enzyme Engineering - Hande Gökcan, Enes Dertli, Hümeysra İspirli	The influence of the pedo-climatic drought on the growth of rapeseed plants, in the south-east area of Romania - <u>Daniela Oprea</u> , Luxita Risnoveanu, Marian Braila	Effects of medetomidine / propofol anaesthesia, and atipamezole on ocular parameters in dogs - Murat Kibar
16 ⁴⁵ -17 ⁰⁰	42 Leptin Gene Exon 3 Polymorphisms of Some Meat Type Sheep Breeds in Turkey - Vasfiye Kader Esen, Cengiz Elmacı	Pomegranate (<i>Punica granatum</i> L) peel bioactive compounds as natural poultry feed additives - Arif Darmawan, Ergin Öztürk	Opportunities for energy use of straw and other agricultural products in Bulgaria - Rositza Mikova	Usage of lactic acid bacteria as aflatoxin binding agent T - Şebnem Mutlu, Efe Bakla, Ufuk Bağcı	Melliferous plants- The case study of Albania -Manjola Kuliçi, Arbenita Hasani	Research on Dominant cross laying hen egg commercial production in Latvia - Aiga Nolberga-Trūpa, Aija Mālniece, Rolands Neimanis
17 ⁰⁰ -17 ¹⁵	43 Müttalip Gündoğdu Determination of the Biochemical Contents of White and Red Fruit Pitaya (<i>Hylocereus</i> sp.) Fruit Species - <u>Selma Kuru Berk</u> , Akgül Taş, Müttalip Gündoğdu	Liquid state fermentation using <i>Lactobacillus</i> spp. affect the nutritional composition of the cap parts of <i>Agaricus bisporus</i> - Bahar Güngör, Şevket Özlü, <u>Emrah Güngör</u> , Aydın Altop, Güray Erener	A review on the cutting-edge biotechnological methods with their utilization for improved fruit cultivars in Turkey - Ghassan Zahid, Sara İftihar, Flavien Shimira, Fildaus Nyirahabimana, Dicle Dönmez, Yıldız Aka Kaçar	Health risks that may occur in vegetable oils used for frying - Özgür Karadaş, Ümit Geçgel, İsmail Yılmaz, Orhan Dağlıoğlu	Influence of sunflower seed characteristics on the increase of oil temperature during cold pressing process -Tanja Lužaić, Nada Grahovac , Nada Hladni, Sandra Cvejić, Siniša Jocić, Ranko Romanić	Effects of Dietary Probiotics on the Productive Performances and Blood Parameters in Weaned Pigs - Aporn Songsang, Supaporn Somrup, Monthon Lertworapreecha, Chiraprapha Tuyarum
17 ¹⁵ -17 ³⁰	44 Determination of Some Morphological and Biochemical Characteristics of Galicjanka Aronia Cultivar Growing in Edirne Conditions - Akgül Taş, <u>Selma Kuru Berk</u>	Molecular characterisation of some plant-derived retrotransposons by IRAP-PCR method in Bafra lambs at different developmental stages - <u>Gamze Nur Atıl</u> , Levent Mercan, Sevgi Maraklı	Effects of compost application rate and mulch thickness on soil physicochemical properties under salt affected soil of dugda district of Oromia Regeon, Ethiopia - Derartu Wodajo Sedata	Formation of polycyclic aromatic hydrocarbons (pah) in vegetable oils and methods of prevention - Özgür Karadaş, Ümit Geçgel , Orhan Dağlıoğlu, İsmail Yılmaz	Colchicum triphyllum and hyacinthella leucophaea ssp. Atchleyi, Shebenik National Park, Albania- <u>Ermelinda Gjeta</u> , Marjol Meço , Alfred Mullaj , Ermelinda Mahmutaj , Ajola Mesiti , Ornela Poçi , Bajram Kullolli , Alma Gjerani	Impact of climate on biodiversity and season distribution of ticks of sheep in semi-intensive breeding in spread Belgrade area - Ivan Pavlovic, Oliver Radanović, Nemanja Zdravković, Jovan Bojkovski, Marija Pavlović, Aleksandra Tasić
17 ³⁰ -17 ⁴⁵	45 A comparative analysis of Turkey and Mediterranean countries of olive cultivation and the olive industry - <u>Cengiz Türkay</u> , Cenap Yılmaz, Filiz Baysal, Hasan Çelen	Flaxseed oil as a neuroprotective agent against aluminum chloride induced memory impairment in female rats - Lounis Wafaalns	Climate Change Impact and Adaptation Mechanism for in Agriculture in Ethiopia - Derartu Wodajo Sedata	An environmentally friendly and efficient method for the production of unique carbohydrates: mutant glucansucrase enzyme engineering Hümeysra İspirli, Enes Dertli	The floristic diversity of Krasta park, Elbasan, Albania - Ermelinda Gjeta, Jonathan Titus, Priscilla Titus, Marjol Meço, Nikoleta Kallajxhiu, Silvana Turku, Alma Gjerani	The Effect of Oxidized Fish Oil on Blood Parameters and Liver Histology of Nile tilapia (<i>Oreochromis niloticus</i>)- Sana Yagoub Abdallah Tahir, Aysun Kop
17 ⁴⁵ -18 ⁰⁰	46 Sunflower theme in painting - Melihat Tüzün, Kübra Yıldız	Evaluating Knowledge, Attitudes and Practices of Family-Type Dairy Farmer: Çanakkale Province - <u>Seda Özdikmenli Tepeli</u> , Musa Yalman	Application of fluorescence spectroscopy for the analysis of different garlic accessions after 9 months' storage in a warehouse - Vanya Slavova	Micropropagation of in vitro germinated Paulownia tomentosa plant - İbrahim Uz, Hayat Topcu, Sefer Demirbaş	Evolution of the impact of Leucoptera scitella on apple orchards from Bistrita area in northern Romania - Rosu-Mares Smaranda	Heavy metals in fish eggs of red mullet and European hake - Enkeleda Ozuni, Pellumb Zalla, Albana Munga, Ilir Dova

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11 ⁰⁰ -11 ¹⁵ 53	Interactive effect of genotypes, row spacing and sulphur fertilization on the productivity and seed oil quality of sesame (<i>Sesamum indicum</i>) - Ahmad Sher, Abdul Qayyum, Yamin Bibi, Suffana Hayat	The first case of microbiologically detected <i>Macrorhaphidus ornithogaster</i> infection from two budgerigars (<i>Melopsittacus undulatus</i>) in Turkey - Sibel Kizil, Aziz Utku Önel, Efsun Melike Çeçen, Murat Yıldırım, Oğuz Kul	Relationship with ano-genital distance on sexual exhaustion and plasma testosterone level in synthetic strain and Algerian local rabbit bucks: A comparative study - Daoudi Zerrouki Nacira, Tarzaali Dalila, Boumahdi Merad Zoubeida, Kalem Ammar	Citrinin Mycotoxin Risk in Black and Green Table Olives: The Quick Simultaneous Determination with Ochratoxin-A By Novel Extraction and IAC-HPLC - Ozlem Tokusoglu	Alternative solutions to the crop plan for the east area of Romania, in the context of dry-farming - Luxita Risnoveanu, Daniela Oprea, Marian Braila	Determination of Herbicide resistance with Mesosulfuron - methyl + İodosulfuron-methyl-sodium Active Substance of Wild Mustard is a Problem in Wheat Cultures of Samsun Province - Nagehan Çil Turgut, Hüsrev Mennan, Emine Kaya Altop
11 ¹⁵ -11 ³⁰ 54	Genetic variation for various molecules related to improve sunflower nutritional value - Javeria Abid	Perceived Impacts of Covid-19 Lockdown Order on Lifestyle Behaviour among Agrarian Communities of Sabon Gari, Kaduna State – Nigeria - Cornelius Michael Ekenta	Semen characteristics, libido and plasma testosterone of Algerian synthetic strain rabbit buck - Daoudi Zerrouki Nacira, Boumahdi Merad Zoubeida, Tarzaali Dalila	Honey Powder as Intermediate Product for Bioactive Supplement Manufacturing - Ozlem Tokusoglu	Impact of milk and blood urea on reproduction in dairy cows - Yasmine Sadia, Soumeya Kaouche	Effects of medetomidine / ketamine anaesthesia, and atipamezole on ocular parameters in dogs - Murat Kibar
11 ³⁰ -11 ⁴⁵ 55	Detection of adulteration and identification of meat and milk species using molecular genetic techniques - Salah Abdelrahman	Covid-19 and Agricultural Production: A Statistical Review of the Evidence from Nigeria - Cornelius Michael Ekenta	Coat color as indicator of fertility in dairy cows in Algeria - Lamari Sara	Coffee Toxicology and Liver Health: Effects on Processed Coffee Products - Ozlem Tokusoglu	Influence of diet on fluctuations in urea levels in the milk of dairy cows - Yasmine Sadia, Soumeya Kaouche	Structural elements and grain yield stability of winter pea genotypes – Viliana Vasileva, Valentin Kosev, Yalcin Kaya
11 ⁴⁵ -12 ⁰⁰ 56	Evaluation of GHG emissions from different livestock farming in the governorates of Mannouba and Béja: mitigation and adaptation options - Sarra Hamzaoui, Marwa Arfaoui, Nizar Moujahed, Haikel Hechlef	Efficacy of A. vera supplemented canola meal based diets on growth performance, nutrient digestibility and carcass composition of Catla catla fingerlings - Zeeshan Yousaf	Chemical composition and antioxydant activity of <i>Calicotome villosa</i> (Poir.) Link flowers - Samira Fetni	Impact of Zinc nanoparticles on biochemical, nutritional and fatty acid composition of Brassica napus - Dr Sohail, Zia-Ur-Rehman Mashwani	Physicochemical and microbiological characterization of the waters of Sekkak dam (Algeria) - Boumerdassi Hanane, Djouadi Lydia Nèila, Nateche Farida	Investigating the role of cyanamide in seeds germination, plant growth and development - Saima Hashimi
12 ⁰⁰ -13 ⁰⁰	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13 ⁰⁰ -13 ¹⁵ 57	The effect of various concentration and duration of Na(OC)2 treatment on sterilization, viability, germination and development of <i>Eulophia bicallosa</i> (D. Don) Hunt & Summerh seeds - Woraphat Khankhokkrud	Effect of genotype and plant growth regulators on in vitro germination and subsequent development of argan (<i>Argania spinosa</i> L. Skeels) - Mazri Mouaad Amine, Saida Elmaataoui, Koufan Meriyem, Radi Hassna, Bouchiha Fatima, Rham Ikram, Mohamed Najib Al Feddy, Azenzem Rachid	Study of quantitative indicators - number of seeds per plant, mass of seeds per plant and mass of 1000 seeds, depending on weather conditions, type of inheritance in oilseed sunflower - Georgi Georgiev	Use of non-invasive methods for evaluation the effect of high temperature and acclimation mechanisms on photosynthetic processes of wheat (<i>Triticum</i> sp. L.) - Andrej Filaček, Mária Barboričová	Evaluation of decorative properties of juniper species introduced to Absheron peninsula - Afag Rzaeva, Elshad Gurbanov	Evaluation of a pesticide enriched potato diet (Metribuzin and Mancozeb) on biochemical parameters and kidney histology in the wistar rat - Chiali Fatima Zohra, Merzouk Hafida
13 ¹⁵ -13 ³⁰ 58	New drought-tolerant sesame mutants during germination and flowering stages - Abdelghani Nabloussi	Approach of an analysis of the impact of climate change on agriculture in Algeria - Belkhodja Moulay, Aissat Amina	Characteristics of minimum temperatures and agro-climatic features of the southwest area of Albania - Elvin Çomo, Albana Hasimi, Blerina Papajani	Contribution to the study of the seroprevalence of brucellosis in cattle in the central region of Algeria - Lynda Abdellaou	Age as only predictive factor for sexual parameters in Ouled Djellal rams - Allaoui Assia, Bachtarzi Karina	Study of the antibacterial effect of pischio lentisk oil (<i>Pistacio lentiscus</i>) - Chiali Fatima Zohra

13 ³⁰ -13 ⁴⁵	59	Identification of tolerant Quinoa (<i>Chenopodium quinoa</i>) genotypes against the drought Stress - Muhammad Sohail Saddiq, Shahid Iqbal, Muhammad Bilal Hafeez, Jahanzaib	Characterization of OsTZF8 gene encoding tandem cch zinc finger protein for abiotic stress tolerance in rice - Asad Jan	Return of the wolf (<i>Canis lupus</i> L.) to Ljubinje - Case study: Staniste "Djurdjeva Glava" - Selma Vejzagic	Critical time for weed removal in corn as influenced by planting pattern and herbicides - Marija Nedeljkovic, Sava Vrbničanin, Dejan Nedeljkovic, Dragana Bozic, Stevan Knezevic	Synthesis of new hybrid solid and porous biomaterials and their applications in water treatment - Ahlem Hattali, Omar Bouras, Salah Hanani	Morphological responses of <i>Amaranthus cruentus</i> L. (leaf-vegetable amaranth) to water stress at the vegetative stage - Goumghar Hind, Nassima Lassouane
13 ⁴⁵ -14 ⁰⁰	60	Proteins characterization of Moroccan rapeseed and sunflower seed meals - Abdelghani Nabloussi	Effect of biochar on the fertility of a calcareous soil situated in a semi-arid region - Boudjabi Sonia	Nutrition of lone wolves (<i>Canis lupus</i> L.) in Bosnia and Herzegovina - Case study: Kladanj and Ljubinje wolves - Selma Vejzagic	Phenotypic and genotypic characterization of <i>Listeria monocytogenes</i> isolated from cheeses produced in the region of Algerians - Lynda Abdellaoui	Effects of ZnO nanoparticles on germination and growth of rapeseed grown in cadmium-contaminated soil - Charchar Nabil, Abdelfettah Gherib, Nora Cherb	Quinoa 'effect of organic fertilization and salinity in the oases of Adrar (South-West Algeria) - Lahbib Cheikh
14 ⁰⁰ -14 ¹⁵	61	Effect of carrot and cowpea powder incorporation on the nutritional quality of biscuits - Aijaz Soomro, Aimal Khan, Tahseen Fatima Miano, Nizamuddin Depar, Asadullah Marri, Shahzor Gul Khaskheli	Physiological and morphological changes in tomato plants infected with tomato leaf curl virus - Muhammad Ahmad Zeshan	"Fruit Juice Quality at "FRUTEX L.L.C." in Suhareka - Mirjeta Sllamniku, Bedri Dragusha	The Protective Effect of <i>Salvia officinalis</i> Aqueous Extract on Haematological Parameters in Wistar Rats - Kahalerras Labiba, Chouabia Amel	Biocontrol Potential of Non-pathogenic <i>Fusarium oxysporum</i> in Controlling Date Palm <i>Fusarium</i> Wilt Disease - Aoumia Merzoug	The toxic effect of the mixture of the used pesticides on the reproduction in the male Wistar rat - Leila Mallem, Bouabdallah Narimene, Chouabia Amel, Taktek Mohamed
14 ¹⁵ -14 ³⁰	62	Effects of storage conditions on quality and shelf-life of unripe papaya (<i>Carica papaya</i> L.) fruit - Shahzor Gul Khaskheli, Shaista Soomro, Aijaz Soomro, Aasia Akbar Panhwar, Ashfaque Ahmed Khaskheli	Impact of culture medium, explants size and density on shoot bud multiplication of date palm (<i>Phoenix dactylifera</i> L.) cv. 16-bis - Mazri Mouaad Amine, Saida Elmaataoui, Bouchiha Fatima, Azenzem Rachid, Mohamed Najib Al Feddy, Radi Hassna, Rham Ikram, Koufan Meriyem	Analysis of price changes of milk in the Republic of North Macedonia during the global health, energy and economic crisis - Katerina Bojkovska, Kristijan Veljanovski, Nikolche Jankulovski, Goran Mihajlovski	Seasonal incidence of predatory mites (<i>Acari</i>) on some rabi vegetables in relation with different abiotic factors. -Bilal Saeed Khan, Ali Hussan, Muhammad Hamid Bashir, Irfan Ashraf, Karim Yar Abbasi	Developmental, behavioural and biochemical markers of anthracene and Pb+2 exposure to zebrafish <i>eleutheroembryos</i> - Abdelfettah Gherib, Inês Domingues	The position of Algeria in the world olive oil market - Leila Attallaoui, Salah Eddine Benziouche
14 ³⁰ -14 ⁴⁵	63	Assessing the agri environmental sustainability of six based cereals cropping system in Souk-Ahras region Est of Algeria - Latreche Filali, Filali Latreche, Abbas Khaled, Sarra Maarfia, Boumzaouet Alaoui, Salhi Sabrina					The olive production in the Algerian steppes - Leila Attallaoui, Salah Eddine Benziouche
15 ⁰⁰	CLOSING OF CONGRESS						

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