

SUSTAINABLE AGRICULTURE

- Hrabrin Bachev, Bodjidar Ivanov, Dessislava Toteva** – Assessment of sustainability of agro-ecosystems in Bulgaria..... 607
- Ruslan R. Dzhamirze, Nadezhda V. Ostapenko, Tatyana N. Lotochnikova, Natalya N. Chinchenko** – Variability of traits and their correlation in different rice genotypes in dynamically changing climate conditions 625
- Hristo Bozukov, Maria Kasheva, Yovcho Kochev, Daniela Vitanova** – Evaluation of oriental tobacco of the variety group of Basmi upon organic production 633
- Teodora P. Popova, Toshka E. Petrova, Metodi Petrichev, Miglena Valyova** – Action of activated waters on plants after adverse chemical effects, imitating acid rain 638
- Ksenia Petrochenko, Alexander Kurovsky, Anna Godymchuk, Andrey Babenko, Yury Yakimov, Alexander Gusev** – A case study of woody leaf litter vermicompost as a promising calcium fertilizer 646

AGRICULTURAL MANAGEMENT

- Stanko Stankov, Hafize Fidan, Georgi Toskov, Eva Dimitrova, Kremena Nikovska** – Traditional Bulgarian foods in the Horeca sector as a factor of choice for the tourist destination 654
- Maria D. Yiakoulaki, Nikolaos D. Hasanagas** – Professionalism in extensive sheep farming system in Central Greece 661
- Natalia Vasylieva** – Problems and prospects of food security in Ukraine..... 668
- Mohammad A. Ashkar-Ahangarkolae, Malek Mohammadi, Seyed M. Hosseini** – Theoretical extension education modeling of citrus culture development in Iran citrus pole 677

AGRICULTURAL ECONOMICS

- Aleš Kuhar, Hristo Hristov** – Challenges of the red meat supply chain in Slovenia: the case of pig breeders 685
- Mesude Ünal, Bahar Aydin Can** – A research on the characteristics and activities of producers in organic markets: a case study of Izmit and Sişli district..... 695
- Mirza Antoni, Hiromi Tokuda** – A determinant of marketing system choice by rubber smallholders in Indonesia..... 702

SUSTAINABLE CITY DEVELOPMENT

- Yanko Aleksandrov** – New solution – attractive lighting with fluorescent algae in aquariums, situated in multi-storey transparent elevators and in floor gardens inside skyscrapers 710

ECOLOGICAL FARMING

- Radoslav Mihaylov, Rosen Dimitrov, Kamelia Stamatova-Yovcheva, Fejzullah Fejzulla** – Investigation of the opportunities for introduction of the wild turkey (*Meleagris gallopavo*) in the territory of Bulgaria 717
- Vita Ratri Cahyani, Muhammad Ridho Alfin, Nabilah Hanifah** – Screening of arbuscular mycorrhiza isolated from rhizosphere of elephant grass from seven soil types for biofertilizer in zeolite pot culture 724

PLANT SCIENCE

- Maria Kasheva, Margarita Docheva, Yovcho Kochev** – Basic chemical components, smoking and taste qualities of tobacco varieties grown in different regions of Bulgaria..... 732

Machmudi Machmudi, Hery Purnobasuki, Edy Setiti Wida Utami – The optimization – mesophyll protoplast isolation for <i>Phalaenopsis amboinensis</i>.....	737
--	------------

PLANT PROTECTION

Daniela Ganeva, Nevena Bogatzevska – Tomato lines from interspecific hybridization – donors of resistance to leaf bacterial infections.....	744
--	------------

PLANT GENETICS

Sri Hartati, Nandariyah, Ahmad Yunus, Djati Waluyo Djoar – Hybridization technique of black orchid (<i>Coelogyne pandurata</i> Lindley) to enrich the genetic diversity and to rescue the genetic extinction	751
---	------------

ANIMAL SCIENCE

Radka Malinova, Vasil Nikolov – Study on the body conformation of breeding female cattle of the Rhodope Shorthorn Cattle breed	756
---	------------

Mochammad Junus – The economic potential of honeycomb from wild bees	762
---	------------

Eleonora Evgenievna Ostriкова, Natalia Andreevna Ostapenko, Alexander Sergeevich Chernyshkov, Natalia Vladimirovna Lenkova – Applying iodine-containing preparations as growth promoters in Russia’s poultry farming	768
---	------------

ANIMAL GENETICS

Alexandr Maximov, Vyacheslav Vasilenko, Gennadiy Maximov, Ivan Svinarev – Determining genotypes of 3-breed pig hybrids by marker genes and their interrelation with meat productivity	782
--	------------

AGROCHEMISTRY AND SOIL SCIENCE

Toma Shishkov – Bulgarian soil classification issues of correlation and harmonization with the international soil classification systems.....	795
--	------------

FOOD SCIENCE AND TECHNOLOGIES

Arie Febrianto Mulyadi, Susanggih Wijana, Dwi Elsa Yunita – The effect of regional source of solid coconut sugar and additional concentration of activated carbon on the quality of pandanus-scented coconut sugar syrup	804
---	------------

AGRICULTURAL ENGINEERING

Rui Nobre, Stanislav Stamatov, Manol Deshev, Stoyan Ishpekov – Evaluation of suitability for mechanized harvesting of sesame genotypes, introduced in Portugal	810
---	------------