

3rd **ICSAE** **2016** **International Conference on Sustainable Agriculture and Environment**

3rd International Conference on Sustainable Agriculture and Environment

CONFERENCE PROGRAMME

September 26-28, 2016

Warsaw, Poland

Warsaw University of Life Science Campus

First Day – 26.09.2016 (Monday)

Place	Aula II, building 37, Nowoursynowska 159 street		
8:30 – 10:00	REGISTRATION OF PARTICIPANTS		
Session Name	Opening Ceremony and Plenary Session		
Session Chair	Prof. Renata GROCHOWSKA, Dr. Bożena NOSECKA		
Hours	10:00 – 12:00		
Authors	Title		
Assist. Prof. Mithat Direk Selcuk University, Turkey	Welcome Speech		
Prof. Lilianna Jabłońska , Warsaw University of Life Sciences, Section of Horticultural Economic, Poland	Role of the Warsaw University of Life Science in Agriculture Sector		
Protocol Speeches	Rector, Prof. Wieslaw Bielawski Warsaw University of Life Sciences Assoc. Prof. Kubilay Kurtulus Bastas (Vice Dean of Selcuk Univ. Faculty of Agric., Turkey) Prof. Andrzej Kowalski Head of Institute of Agricultural and Food Economics –International Research Institute, Warsaw		
Prof. Ahmad Yunus , Director, Graduate Program, Sebelas Maret University, Indonesia	Sustainable Agriculture in the World		
Prof. Józef Zegar, dr Wioletta Wrzaszcz ; Institute of Agriculture and Food Economics, Warsaw	The holism principle in the strategy for the agriculture sustainable development		
12:00 - 12:30	COFFEE BREAK		
Place	Hall I/45, building 37		
Session Name	Plant Nutrition		
Session Chair	Prof. Şükrü DURSUN, Prof. Kamal Sultan MUHAMED		
Hours	12:30 – 13:45		
Authors	Title		No
Şükrü Dursun, Mosstfa Maarooof	Incineration Methods for Solid Waste from Waste Water Treatment Plants		PW001
Mohammed Hadi Nahi, Ibrahim Kamaruddin Madzlan Napih	Using Rice Husks Powder To Upgrade The Rheological Properties of Bitumen Binder		PW014
Ayoob Karami Asadoallah Khorani	A comparison of pixel-based and object-based image analysis for gully erosion mapping		PW022
Sharraf Moghaddassi Mohammad	The effect of different levels of chemical fertilizer on Thymus vulgaris performance and its different parts in Qom region		PW026
Yavuz Talas, Şenay Aydın, E. Dilşat Yeğenoğlu, Halis Şimşek	Iron (Fe) and Iron (Fe) Chlorosis in Plant Nutrition		PW017
Mosstfa Maarooof, Sukru Dursun	Usability of Fly Ash from Solid Waste Incineration as a Concrete Production as a Supplement Material		PW002
13:45 - 15:00	LUNCH TIME		

Place	Hall I/19, building 37		
Session Name	Environment		
Session Chair	Prof. Mohsen Movahhedi DEHNAVI, Dr. Marcin GOSPODAROWICZ		
Hours	12:30 – 13:45		
Authors	Title		
Mehmet Emin Argun	Recovery of Waste Tire Chips and Sawdust for Thermal Insulation: Determination of Optimum Waste Mixture		PW040
Zuhud Rozaki, Komariah Sugiharjo, Masateru Senge, Kengo Ito	Indonesian Farmers in Facing Climate Change; Study Case in Regency Karanganyar Indonesia		PW062
Zeinab Mokhtari Nuray Demir Mehmet Muhammed Sari	Effects of increase of energy resources in iran on agriculture sector and public welfare		PW070
Ramazan Acar, Nur Koç Sadiye Ayşe Çelik Mithat Direk	The Some Grasses Forage Crops Grown in Arid Rangeland of the Central Anatolian and Properties of These Plants		PW033
Muhammad Israr Saleem Khan, Aurangzeb	Dietary Intake of Micronutrient and Basal Metabolic Index (BMI) of Women in Rural Pakistan		PW081
13:45 - 15:00	LUNCH TIME		
Place	Hall 0/106/B, building 37		
Session Name	Plant Protection		
Session Chairs	Assoc. Prof. Kubilay Kurtulus BASTAS, Prof. Wojciech WAKULIŃSKI		
Hours	12:30 – 13:45		
Authors	Title		
Kubilay Kurtulus Bastas	Role of Nutrients for Fire Blight Disease Management within Sustainable and Organic Agriculture Approaches		PW168
Nuran Uysal, Nuh Boyraz	Determination and Occurrence rates of Fungal Organisms Responsible For Pathological Deterioration On Carrots In Storage Conditions		PW170
Ramazan Çakmakçı Yaşar Ertürk Atefeh Varmazyari Ali Atasever Recep Kotan Kamil Haliloğlu Mustafa Erat Kubilay Türkyılmaz Remzi Sekban Ayhan Haznedar	The effect of bacterial based bio-formulations on tea (<i>Camellia sinensis</i> L.) growth, yield, and enzyme activities		PW113
M. Fatih Çelen Burcu Babacan İskender Yıldırım	The effects of adding oxygen in incubator at high altitude (1700 m) and different genotypes on hatching results		PW121
Omur Baysal Kubilay Kurtulus Bastas	Use of Artificial Intelligence to Obtain Data on Virulence of <i>Erwinia amylovora</i> Causing Fire Blight Disease in Orchards		PW166
13:45- 15:00	LUNCH TIME		

Place	Hall I/45, building 37	
Session Name	Economic Analysis	
Session Chair	Assist. Prof. Mithat DIREK, Dr. Bożena NOSECKA	
Hours	15:00 – 16:30	
Authors	Title	
Fadime Üçpınar Mithat Direk	Economic Analysis Of Fresh Bean Production In Derbent District - Konya	PW124
Mehmet Okan Taşar Savaş Çevik Perihan Hazel Kaya	Rural Origins of Poverty and The Efficiency of Rural Development Policies: A Cross-Country Comparison	PW031
Osama Ahmed Naser El-Din	Assess the food security policy in Egypt using multi-market model	PW105
Rania Ahmed Mohamed	The determinants of foreign trade between Egypt and the European Union Using the gravity model	PW114
Ahmed Mohamed Ahmed Mofeda Talaat Kabil	The Economic impact of the most important factors affecting the demand for agricultural labor in Egypt	PW115
Bożena Nosecka	Support of knowledge base economy in Polish agriculture	
16:30 - 18:00	Free time	
18:00 - 22:00	Official dinner - Water Center SGGW, Warsaw, Ciszewskiego 6 street	
Place	Hall I/19, building 37	
Session Name	Horticulture	
Session Chair	Prof. Zeki KARA, Dr. Dawid OLEWNICKI	
Hours	15:00 – 16:30	
Authors	Title	
Muzaffer İpek Şeyma Arıkan Lütfi Pırlak Ahmet Eşitken	The response of Myrobolan 29C plum Rootstock to Salinity In vitro Culture Condition	PW029
Zeki Kara, Ali Sabir	‘Ekşi Kara’ (Vitis Vinifera L.) An Ancient Grape in Anatolia	PW107
Servet Aras Ahmet Eşitken	Effect of Sodium Nitroprusside on Salt Stress in Apple Plant	PW091
Servet Aras Ahmet Eşitken	Effect of Calcium Silicate on Salt Stress in Apple Plant	PW093
Mehrdad Yarnia Ebrahim Khalilv Behrouzgar	Antioxidant enzymes activities, osmotic adjustment substances and some physiological traits of Amaranth ‘as a new crop’ in saline condition	PW147
Dawid Olewnicki	Possibility of use antioxidant apple properties in marketing of these fruits	
Lidia Gunerka, Lilianna Jabłońska, Tadeusz Filipiak, Andrzej Hornowski	Cost competitiveness of horticultural crops in Poland and selected EU countries	
16:30 - 18:00	Free time	
18:00 - 22:00	Official dinner - Water Center SGGW, Warsaw, Ciszewskiego 6 street	

Place	Hall 0/106/B, building 37	
Session Name	Horticulture	
Session Chair	Prof. Lilianna JABŁOŃSKA, Dr. Michał WIELECHOWSKI	
Hours	15:00 – 16:30	
Authors	Title	
Mohamed S.A. El-Kassas, Mahmoud I.M. Ibrahim	Productivity and water use efficiency of onion plants as affected by irrigation water levels and sulphur rates at el-arish region	PW051
Ahmed Mohamed Ahmed, Hanan Mohamed Bahgat	The optimal distribution of tomato crop between surplus and deficits Governorates in Egypt	PW130
Atef Sayed Abdel-Razek Abdel Ghany N.M., Djlouah, K., Moussa, A.	Evaluation of some eco-friendly biopesticides against bemisia tabaci on two greenhouse tomato varieties in Egypt	PW135
Fadime Ateş Bülent Yağmur Engin Cakir	The Effects of Different Tillage Methods on The Nutrient Contents of Organically Grown Sultani Çekirdeksiz Grape	PW043
Lilianna Jabłońska, Wróblewska Wioleta, Wata Inez	Consumer attitudes towards fruit and vegetables consumed in the farm of convenience food.	
Wioleta Sobczak	Spatial integration of fruit and vegetables markets - theoretical approach	
16:30 - 18:00	Free time	
18:00 - 22:00	Official dinner - Water Center SGGW, Warsaw, Ciszewskiego 6 street	

Second Day - 27.09.2016 (Tuesday)

Place	Hall I/45, building 37		
Session Name	Animal Science		
Session Chair	Prof. İskender YILDIRIM, Prof. Abdullah Mahmoud Abdel-Maqsoud Ahmed		
Hours	10:00 – 11:30		
Authors	Title		
Ali Aygun, İskender YILDIRIM	Effects of low and high frequency ultrasounds on hatchability and embryonic mortality in broiler hatching eggs		PW123
Ali Karabacak Saim Boztepe	Slaughter And Carcass Characteristics of Some Native Sheep		PW165
Damerdji A. Hadjouti K. Lourmil S. Et Mebarek A.	Diversity of fauna invertebrates and ecological approach on three species of rock-rose (Cistaceae) (<i>C.salvifolius</i> L., <i>C. ladaniferus</i> L. and <i>C. monspeliensis</i> L.) in the region of Tlemcen (Algeria north-Western)		PW083
Prithwiraj Jha	Growth, survival rate, and number of marketable fish produced of gold fish, <i>Carassius auratus</i> (L.) in outdoor earthen ponds with endogenous culture of <i>Daphnia</i> sp. or <i>Moina</i> sp. and exogenous supply of mixed plankton		PW015
Azizollah Kamalzadeh	Modeling Sustainable Sheep and Goats Production System		PW005
Kubilay Kurtulus Bastas Ali Aygun Iskender Yıldırım	Reducing of Enteric Bacterial Contamination on Chicken Eggs by Ultrasonic Applications in Organic Production		PW167
11:30 - 12:00	COFFEE BREAK		
Place	Hall I/19, building 37		
Session Name	Water and Risk Assessment		
Session Chair	Dr. Zbigniew FLORIAŃCZYK, mgr Wioleta SOBCZAK		
Hours	10:00 – 11:30		
Authors	Title		
Mohamad Sakizadeh, Fatemeh Mehrabi Sharafabadi, Eshagh Shayegan	Groundwater quality with respect to the levels of nitrate and fluoride in urban area of Malayer City and the associated health risk		PW065
Farshid Hassani, Ahmad Asgharzade	Effectiveness of Phosphate Solubilizing Bacteria inoculation for improving phosphorus absorption and root growth indices		PW056
Mohamad Sakizadeh, Fatemeh Mehrabi Sharafabadi, Eshagh Shayegan, Hadi Ghorbani	Risk Assessment of Heavy Metals in Wheat and Barley		PW058
Ebrahim Khalilvand Behrouzgar Mehrdad Yarnia	Interaction of methanol foliar application and water-deficit stress on physiological performance of sugar beet (<i>Beta vulgaris</i> L.)		PW086
11:30 - 12:00	COFFEE BREAK		

Place	Hall 0/106/B, building 37		
Session Name	Field Crops and Productivity		
Session Chair	Prof. Şenay AYDIN, Prof. Lütfi PIRLAK		
Hours	10:00 – 11:30		
Authors	Title		
Abdirashid Elmi, Amna S. Albinali	How Organic is the Kuwait Agricultural Farming? Assessment of selected Vegetables Crops and Public Perception		PW038
Ahmed , M. K. Abdel Aal Faissal F. Ahmed, Hussein H. Saied	Impact of Salycilic Acid, Cyanocobalamin And Glutamic Acid On Fruiting Of Barhy Hours Palms Grown Under Upper Egypt Conditions		PW020
Ozlem Akan Yunus Emre Akin	The Effects of Different Agro-wastes on The Growth and Yield of Oyster MushPlace (Pleurotusostreatus cv. HK3)		PW190
Yesim Ahi Levent Tuna	Research on Evapotranspiration Components and Irrigation Scheduling Under Pepper (<i>Capsicum Annuum</i> L.) Cultivation		PW161
Sevim Artik	Sources of Agricultural growth in Aegean region: 1980- 2015		PW158
11:30 - 12:00	COFFEE BREAK		
Place	Hall 1/45, building 37		
Session Name	Policy		
Session Chair	Prof. Fikret AKINERDEM, Prof. Renata GROCHOWSKA		
Hours	12:00 – 13:30		
Authors	Title		
Abeer Ahmed Qaed Ahmed Olubukola Oluranti Babalola Tracey McKay	Lignin degradation by two isolated Bacillus sp. strains and their co-culture potential in the production of platform chemicals		PW171
Kamel K. Al-Zboon	Impact of Combustion the Olive Waste as a Source of Energy On Air Quality		PW180
Savaş Çevik, M. Okan Taşar	Urban-Rural Differences In Subjective Well-Being: Turkish Case		PW030
Marcin Gospodarowicz	Assessment of social and economic cohesion of municipalities in Poland in the years 2005-2014		
Michał Wielechowski	The Phenomenon of the Political Budget Cycle		
Mithat Direk, Arzu Kan	Ecological Tourism Activities in The Rural Life in Turkey		
13:30 - 15:00	LUNCH TIME		
15:30 - 19:00	CITY TOUR		

Place	Hall I/19, building 37		
Session Name	Agrotechnic		
Session Chair	Dr. Kadir SABANCI, Prof. Rumen TOMOV		
Hours	12:00 – 13:30		
Authors	Title		
Ahmet Celik, M. Zahid Malasli	Effects of disc and tilt angles of a single disc furrow opener of no-till seeder on specific draft, vertical and side forces		PW054
Haluk Kemal Narmanlioğlu Şaban Güçlü	Aphid Species (Hemiptera: Aphididae) On Some Temperate Fruit Species Grown In Upper Coruh Valley		PW142
Rumen Tomov	The role of non-indigenous insects in agricultural crop pest complex of Bulgaria – a review		PW106
Sushmita Chaudhuri Parthiba Basu	Butterfly diversity along urban- rural gradient in Kolkata, India		PW025
13:30 - 15:00	LUNCH TIME		
15:30 - 19:00	CITY TOUR		

Third Day – 28.09.2016 (Wednesday)

Place	Aula II, building 37		
Session Name	Sustainability, Plenary Session		
Session Chair	Prof. Nuh BOYRAZ, Dr. Michał WIELECHOWSKI		
Hours	9:30 – 11:00		
Authors	Title		
Sevim Artik	Sources of Agricultural Growth Between 1980-2015 Years In Turkey and Sustainability of Growth		PW157
Erdal Elkoca Mostafakemal Shams Ertan Yıldırım Kamil Haliloğlu	The effects of exogenous nitric oxide on the germination performance of common bean (<i>Phaseolus vulgaris</i> L.) seeds under salinity stress		PW127
Mostafakemal Shams Ertan Yıldırım Guleray Agar Melek Ekinci Atilla Dursun	Effects of Nitric Oxide On The Germination of Lettuce Seeds Under Copper Stress		PW097
Ilona Keriene, Audrone Mankevičienė Sigita Janavičienė Ruta Cesnulevičienė	Mycotoxins in Lithuanian buckwheat grain grown under sustainable and organic production systems		PW028
Şükrü Dursun, Zeynep Cansu Ayturan	Reduction of Unwanted Products in Incineration Processes		
11:00 - 11:30	COFFEE BREAK		
Place	Aula II, building 37		
Session Name	Closing Ceremony		
11:30-12:30	Assist. Prof. Mithat Direk, Agricultural Economy, Selcuk University, Turkey Prof. Lilianna Jabłońska, Warsaw University of Life Science, Poland Prof. Andrzej Kowalski, Institute of Agricultural and Food Economics, Poland		
12:30	LUNCH		

POSTER PRESENTATIONS

First Day – 26.09.2016 (Monday)

Authors	Title	No
Ahmad Yosouf Ahmad	Effect of Stubborn Disease on Growth and Yield of New Hall Navel Orange in Syria	PW004
Mehrnaz Riasat	Yield and Quality Traits of Some <i>Elymus hispidus</i> Var. Villosus Accessions through Irrigation	PW006
Mohamed A. EL- Hady, Nermeen T. Shanan	Effect of farmyard manure and elemental sulfur on the growth and chemical characteristics of <i>Jatropha curcas</i> L. tree grown in Calcareous soil	PW018
Badel Uysal, Kubilay Kurtulus Bastas	Enzyme Activities of Bean Genotypes to Bacterial Common Blight Infections within Sustainable Management Approaches	PW021
Yasser HamediAbdlah Ali	Economic analysis of the current and future situation and self-sufficiency of wheat in Egypt	PW027
Abdullah Mahmoud Abdel-Maqsoud Ahmed	An econometric model for the effect of demand and supply determinants of meat in Egypt	PW032
Atef M M Sayed, Sayed A Ahmed, Abdalla M M Eladawy, Mohsen M M Ali	Suppression threat of red palm weevil, <i>Rhynchophorus ferrugineus</i> (Coleoptera: Curculionidae) in date palm by using novel of insecticides and technology	PW035
El-Hussein. A. Elseify	Economic efficiency of orange crop in west Nubaria region in Egypt	PW036
Eman Ramzy El Sayed El Fahl, Mohamed Osman Abd El –Fatah	Impact of Applying Agricultural Policies on the Production Costs of Wheat and Cotton in Egypt	PW044
Mohsen Movahhedi Dehnavi, Marziyhe Jalil Sheshbahre, Babak Bahreininejad, Amin Salehi	The effect of chemical and biofertilizer nitrogen sources on yield quality and quantity of <i>Echinacea purpurea</i> (L.) under deferent irrigation regimes	PW037
Petya Ivanova, Venelin Nikolov, Nina Dzhembekova	New Data For Invasive Pilengas Mullet Species <i>Liza Haematocheila</i> , (Temminck And Schlegel, 1845) Along Bulgarian Black Sea Coast	PW047
Nurdan Topakci, Leyla Kahveci	New Pests on Greenhouse Vegetables in Antalya Province	PW053
Farshid Hassani, Abbas Zareyan	Effect of plant growth-promoting bacteria (PGPR) and arbuscular mycorrhizal fungi inoculation on some physiological traits and P-uptake in EX-vitro potato plantlets	PW055
Tamer Marakoğlu, Kazım Çarman	Assessment of Alternative Tillage Practices Used in Middle Anatolia	PW059
Vijaya Kumar Gude	Simulation of Agronomic Practices for Southern Highlands of Tanzania Using Dssat Ceres-Maize Model	PW060
Partha Sarathi Nath	Effect of Proquinazid 20% EC Against Powdery Mildew of Pea Vis-À-Vis Impact of Weather Factors On Disease Progression in Field	PW063
Srikanta Das	Effect of Fungicidal Mixture on Severity of Brown Spot and Blast of Rice Vis-À-Vis Meteorological Factors on Disease Progression in Field	PW064
Kohyar Faramarzy, Ashkan Asgari, Korous Khoshbakht	Assessing the role of human knowledge on agricultural biodiversity (case study: Hoshylan wetland)	PW069
Elif Çelik, Özlem Turgay	Encapsulation of Probiotic Bacteria for to Make Resistant to Gastrointestinal Environment	PW074
Özlem Turgay, Elif Çelik	Detection of Microorganisms in Ready-To-Eat Foods	PW075
Özlem Turgay, Elif Çelik	Microbiological Quality of <i>Mytilus Galloprovincialis</i> Used for Human Consumption	PW077
Sevim Artık	The future and expectations of agriculture in the Mediterranean region	PW159

Second Day - 27.09.2016 (Tuesday)

Authors	Title	No
Hamidreza Owliaie	Effects of treated wastewater of Yasouj city on chemical composition of corn leaf in a research farm, southern Iran	PW138
Özlem Turgay, Zaid M. Al-Mofty	Use of Oreganum Vulgare Extracts in Meat Products	PW076
Khater Nadia, Benbouza Halima	Micropropagation of Juniperus thurefera by axillary shoot profeleration	PW082
Cristina Preda, Daniyar Memedemin, Irina Moise, Marius Skolka, Michaela Griesser, Astrid Forneck, Maarten van Helden, Sven Bacher, Annette Reinek, Ilona Leyer	Promoting biodiversity and related ecosystem services in vineyards (Project PromESSinG)	PW089
Morteza Barmaki	Study the Effects of Different Bio-Fertilizers and Chemicals on Yield of Sunflower	PW090
Eman R. El-Sayed, Mohammed S. El-Khalifa	The Impact of Using Some Agricultural Innovations on the Agricultural Production in El-Fayoum Governorate	PW111
El-Abbasy U. K., Mohammed S. M., Fatma E. Ibrahim, Maha H.Abd El-Aziez	Impact of gibberellic acid, cytofox and calcium chloride as pre-harvest applications on yield and fruit quality of 'Thompson Seedless' grapevine	PW116
Mohamad Javad Fereidooni, Ali Mojab Ghasroddashti, Hooshang Faraji	Effect of Urban Sewage and Nitrogen on Concentration of Nutrient Elements in Sweet Corn	PW128
Alireza Yadavi, Mozghan Shokri, Amin Salehi and Mohsen Movahhedi Dehnavi	Effect of Different Sources of Fertilizer on Different Characteristics of Linseed (<i>Linum ustatissimum</i> L.) medicinal plant	PW129
Kamal Sultan Muhammed Salem, Rania Ahmed Mohamed Ahmed, Khalid Shafik Ibrahim Alsehsah	The Determinants of Multidimensional Poverty Using Logistic Model in Egypt	PW132
Kamal Sultan Mohamed Salem, Ahmed Mohamed Ahmed, Khalid Shafik Ibrahim Alsehsah	Impact of Using Irrigation System Developer on the Productivity of Resources in Gharbia Governorate, Egypt.	PW133
Gholam Ali Moradli	Comparison of Virulence Genes (eae, stx1, cnf2) of Escherichia coli Isolates from ows with Coliform Mastitis and Healthy Cows	PW174
Özkan Kaya, Cafer Köse	Determination of Resistance to Low Temperatures of Winter Buds Depending on Lateral Shoot Presence	PW175
Mahmood Attarzadeh, Hamidreza Balouchi, Mohammad Reza Baziar	Effects of Paclobutrazol's Pretreatment on Cold Tolerance Induction in Soybean seedling (<i>Glycine max</i> L.)	PW139
Masoud Vafapour, Mohammad Hassan Fallah, Hossein Zare	The effect of different sources of nitrogen on nitrogen use efficiency and growth of sunflower (<i>Helianthus annuus</i> L.)	PW144
Parvin Rostampour, Amin Salehi, Reza Amiri Fahliani	Effect of chemical and organic fertilizers on uptake of nitrogen, phosphorus, potassium and herb yield in geranium (<i>Pelargonium graveolens</i> L.)	PW145
Hamidreza Owliaie	Transport and fate of heavy metals (Pb and Cd) as affected by soil organic matter (vermicompost)	PW146
Esmail Farrokhi, Alireza Koocheki, Mehdi Nassiri Mahallati, Ebrahim Farrokhi	The Effects of Manure, Biological and Chemical Fertilizers on Yield and some Morphological Characteristics of Aloe Vera (<i>Aloe Burbadensis</i> Miller.)	PW155
Huseyin T. Gultas, Yesim Ahi	The Economic Analysis of Some Cultivated Vegetables with Drip Irrigation in Thrace / Turkey Conditions	PW156
Yesim Ahi, Ahmet Yılmaz	Determination of the Yield Response to Water For Two Different Globe Artichokes Cultivars (<i>Cynara Scolymus</i> L. Cv. Bayrampaşa And Starline F1) in Greenhouse Conditions	PW162
Şakir Şahin Nuh Boyraz	Effects of some applications on wheat root and crown rot diseases	PW154

Third Day – 28.09.2016 (Wednesday)

Kamal Sultan Muhammed Salem, Abd Albaky Mousa Alshaib, Rania Ahmed Mohamed Ahmed, Khalid Shafik Ibrahim Alsehsah	Measuring the Technical Efficiency of Farmers of Some Crops User Three Types of Irrigation Water and Analyze Some of the Factors Affecting on Dakahlia Governorate, Egypt	PW134
Roshanak Shahriary, Alireza Koocheki	The Effects of Organic Fertilizer, Zn and Fe Spraying on Corm Yield and Phosphorus Uptake of Saffron (<i>Crocus Sativus</i> L.)	PW164
Mohd Asif	Sustainable Management of Root-Knot Nematode <i>Meloidogyne Incognita</i> Through Biocontrol Agents on Tomato	PW169
Ozden Salman, Miray Arli-Sokmen	Recessive Resistance to Potyvirus: Mechanism and Durability	PW172
Aidin Azizpour, Zahra Amirajam	Antimicrobial Resistance Patterns of <i>Escherichia coli</i> Isolates from Broiler Flocks in Ardabil Province to six Antibacterial Agents Commonly used in the Iranian Poultry Industry	PW177
Tarek El-Saeed El-Banna, Ahmed Ahmed Abd El- Aziz, Fatma Ibrahim Sonbol, and Lamiaa Abdullah Al-Madboly	Correlation between resistance markers and enterotoxins horizontal transfer in <i>Staphylococcus aureus</i> isolates	PW184
Muhammad Usman, Imran ul Haq, Sajid Aleem Khan, Muhammad Arshad	Etiology and Management of Leaf blight of Cat palm (<i>Chamaedorea cataractarum</i>) in Pakistan	PW185
Nasibeh Tourian, Jafar Masoud Sinaki, Hossein Abbaspour, Armaghan Abedzadeh Neyshabury	Effects of Drought Stress and Chitosan Spray on forage quality of <i>Agropyron repens</i> L	PW186
Akhilesh Yadav, Asha Lata Singh, Major Singh	Identification and characterization of gene involved in phosphate solubilisation and drought stress tolerance in chickpea symbiont <i>Mesorhizobium ciceri</i> Ca181	PW187
Ozlem Akan	Effect of dormancy on wild asparagus (<i>Asparagus acutifolius</i> L.) seeds	PW188
Holem Hahsm Rasul, Adnan Ali Mustafa	Chemical analysis of local production and imported cheese in markets for Erbil province	PW012
Naseer ullah, Azeem Khalid, Shahid Mehmood, Audil Rashid	Integrated Effect of Algal biochar And PGPR on Physiology and Growth of Maize under Drought	PW119
L. Ghaffarzadeh-Namazi, E.R.J. Keller, A. Senula, N. Babaecian	A simple method for cryopreservation of callus of the medicinal plant <i>Satureja spicigera</i>	PW173
Saied Abbas Mohammed Rashad	Diffusion and adoption of some new fertilizer technology between growers of three villages in Qalubia Governorate)	PW100
Monika Roman	Changes in the geographical scope of the butter market	
Anna Bugała	Polish foreign trade in horticulture products after the accession to the EU	
Paweł Kraciński	The competitive position of Polish apples	
Tahir Usman, Sultan Ayaz, Saira Gul, Hammad Ullah, Atta ur Rehman	Two novel SNPs in STAT3 gene are associated with mastitis susceptibility in dairy cattle	PW143
Dawid Olewnicki	Chosen aspects of ornamental plant production in Poland	
Wioleta Sobczak Anna Sobczak	Variability and correlation of the wholesale and retail price of the Polish fruit and vegetables markets	
Michał Wielechowski	Fair trade in the World	
Łukasz Zaremba	Price risk in horticultural sector in Poland	
Nashwa El Tatawy	Wheat Logistic in Egypt	PW050