

ORAL SESSION

FACULTY OF AGRICULTURE - REGGIO CALABRIA 17.06.09 Afternoon 14.30 – 16.00
--

Room: A			Room: B		
Session:	Topic n. 5 (1-10) Protection, Harvesting, Automation Technology		Topic n. 7 (1-8) Power and Machinery, Tractors, Tillage, Fertilising and Plants Topic n. 8 (1-2) Renewable Energy and Energy Efficiency		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Piccarolo Pietro			Chair: Juliszewski Tadeusz	
1	"Oli-Picker" a solution to detach olives from large trees?	Almeida A.	1	Verification of the Energy Self-Sufficiency by Biogas Production from Cow-buffalo Farm Waste	Blandini G., Manetto G., Mingrino F.
2	Mechanical Harvesting in the Super Intensive Olive Growing	Pascuzzi S., Guarella A.	2	Under canopy distribution of cattle manure on maize using a traveller boom equipped with drop tubes: first results	Bortolini L.
3	Machines for Canopy Restraining in the Super Intensive Olive Growing	Pascuzzi S., Guarella A.	3	Field Efficiency of Slurry Applications Involving In-field Transports	Bochtis D.D., Sørensen C.G., Green O., Jørgensen R.N., Olesen J.
4	Preliminary Test of Mechanical Harvest of Plums with a Continuous Move Harvester	Wawrzyńczak P., Mika A., Buler Z., Konopacka D., Konopacki P., Białkowski P.	4	Modern Tractor Rollover Test: Instrumentation Set-up and Preliminary Experimental Results	Guzzomi A.L., Rondelli V. , Capacci E. , Guarnieri A., Molari G.
5	A System to Simplify the Use of Mounted Shakers for Harvesting Olives and Dry Fruits	Comparetti ., Febo P., Fusc G., Orlando S.	5	The evaluation of a tractor's driving performance and its handling on the road	Mattetti M., Molari G., Forte M., Sedoni E., Pesce M., Grillo M.
6	A new robot for automatic artichoke harvesting	Longo D., Muscato G.	6	Energy Use Patterns and Estimated Energy Indexes in Producing Selected Agricultural Crops: A Case Study in Iran (Bonab District)	Maysami M, Berg W., Ajabshirchi Y., Ranjbar I.
7	Automatic guidance of agricultural vehicles in headlands: maneuvers generation and motion control	Cariou C., Lenain R., Thuilot B., Berducat" M.	7	Design, Development and Performance Evaluation of a Tractor Mounted Bevameter	Massah J., Noorolahi S.

8	A Mechanical System to Harvest the Crocus Sativus L. Flowers and to Separate Stigmas	Gambella F., Paschino F., Manuello Bertetto A., Ruggiu M.	8	Effects of Combinat Performance on Agricultural Mechanization Programming in Isfahan Province	Farzaneh B.
9	Electric Shakers to Facilitate Drupes Harvesting: Measurement of the Vibrations Transmitted to the Hand-arm System	Cerruto E, Manetto G., Schillaci G.	1	Effect of Long-term Incorporation of Organic Manure on Physical and Mechanical Properties of a Silty Clay Loam Soil	Aghilinategh N., Hemmat A., Rezainejad Y., Sadeghi M.
10	Innovative operative machines for physical weed control on processing and fresh market tomato in the Serchio Valley (Central Italy)	Fontanelli M., Frasconi C., Ginanni M., Lulli L., Raffaelli M., Sorelli F., Peruzzi A.	2	Mineral Nitrogen Fertilisers Based on Renewable Resources - Implications for Alternative Fuels	Ahlgren S., Baky A., Bernesson S., Nordberg Å., Norén O., Hansson P.-A.

FACULTY OF AGRICULTURE-REGGIO CALABRIA

17.06.09 Afternoon

14.30 – 16.00

Room: C			Room: "Seminari"		
Session:	Topic n. 15 (1-10) IUFRO Workshop "Forestry utilization in Mediterranean countries with particularly respect to sloping areas" - Forestry Mechanization and Wood Technology		Session:	Topic n. 1 (1-11) Processing and Post Harvest Technology and Logistics	
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Cavalli Raffaele			Chair: Kondo Naoshi	
1	Overview and Changes of Today's Forestry Products Sector in Japan	Shiba M.	1	Atmospheric-Pressure Gas Plasma for Decontamination of Food Products	Berardinelli A., Ragni L., Vannini L., Montanari C., Sirri F., Guarneri A., Guerzoni M.E.
2	SUMAL, the most ambitious Information Management System of Romanian forestry – on the road to a clear	Iordache E., Bogdan P.	2	Ultrasound Phase Velocity Determination of Egg Poultry Quality	Aboonajmi M., Nishizu T., Akram A., Kondo N., Setaredan S.K., Rajabipour A., ShimizuH.
3	The Value of Israel's Forests	Eshet T., Dafna M., DiSegni E., Mordechai Shechter	3	Cold Treatment Management During a Simulated Refrigerated Transport of Citrus Fruit at Industrial Scale	Di Renzo G.C., Altieri G., Genovese F., Lanza G., Strano M.C.
4	Wood harvesting and economic benefits from forests in the mediterranean region: the case of morocco	Ellatifi M.	4	Application of cool dry air for drying and storing grains	Bunyawat V., Tojo S.

5	Environmentally Land Use Changes in Mediterranean Mountainous Forest Area	Drosos V. C., Ciannoulas V. J., Liampas S. A. G.,Giovannopoulos R.	5	Hot Air and Microwave Drying of Laurel Berry	Erdem T., Öztekin S., Isikber A.A.
6	The Green Barrier in Algeria : Actual Situation and Development Prospect	Benalia S.	6	The Thermal Diffusivity of Saffron as Affected by Moisture Content and Temperature Using One-Dimensional Fourier Solution	Hassan-Beygi S.R., Kianmehr M.H., Abbasi K.
7	Utilization and Development of Cork Oak Forests in North Africa	Zimbalatti G., Tellah S., Benalia S.	7	Development of cassava tubers storage structure	Falayi F.R.
8	Mechanization prospects of forest utilizations in the South of Italy	Zimbalatti G., Proto A.R.	8	Proteins Extraction and Characterization from Lemon flavedo	Pignataro V., Spadafora A. , Filadoro D., Mazzuca S.
9	The management of conifer reforestation in Calabria (Italy): thinning operations in Corsican pine artificial high forests	Zimbalatti G., Bernardi B., Morabito S.	9	Preservation of Onchorhyncus mykiss (Trout fish) by the Combination of an Edible Fruit and Vegetable Coating (Semperfresh™), Lemon Juice, and Microwave Application: Certain Microbiological, Chemical and Physical Properties	Yurdugul S.
10	Environmental Quality in Timberland – The Case of Calabria	Zimbalatti G., Barreca P, Iannelli F., Giametta F.	10	Development and Experimental Results of Solar Distillation System for Essential Oils Extraction from Herbs	Munir A. , Hensel O.
			11	Modeling the Kinetics of Thin Layer Drying of Pomegranate Seeds	Zare D., Neiakousari M., Rezaei K.

FACULTY OF AGRICULTURE-REGGIO CALABRIA

17.06.09 Afternoon

16.30 – 18.00

Room: A			Room: B		
Session:	Topic n. 5 (1-3) Protection, Harvesting, Automation Technology Topic n. 9 (1-6) Fruit and Vegetable Cultivation Systems		Topic n. 8 (1-9) Renewable Energy and Energy Efficiency		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Schick Matthias			Chair: Pedersen Søren	
1	Corporate harvesting of grass silage - square bales as an alternative to self-propelled forage harvesters and self-loading wagons?	Moriz C.	1	Economic and energetic analysis of crop systems management techniques by means of WEB application	Berruto R. , Busato P. , Piccarolo P.
2	Experiences with physical weed control on hard surfaces in central Italy	Peruzzi A., Lulli L., Fontanelli M., Frasconi C., Ginanni M., Raffaelli M., Sorelli F.	2	Eu agro biogas project	Amon T., et al.
3	Electrostatic Seed Separator for Small Seeds	Esehaghbeygi A., Basiryi M.	3	Energy Recovery and Reduction of GHG Emission by the Coverage of a Digestate Storage Tank	Balsari P., Gioelli F., Dinuuccio E., Döhler H., Amon T.
1	A water saving technique for corn irrigation based on soil matric potential scheduling and intermittent submersion	Busato P., Allavena L., Berruto R., Piccarolo P.	4	Feasibility Study of Centralized Plant for the Production of Energy and Reduction of Nitrogen from Livestock Farming Residues	Chiumenti R., Chiumenti A., da Borso F., Limina S.
2	Contemporary Water Supply of Winter Wheat in Southern Bulgaria	Georgieva V., Moteva M., Kazandjiev V.	5	Greenhouse Gas Emissions and Mitigation costs in two European Biogas Plants	Döhler H., Niebaum A., Roth U., Amon T., Balsari P., Friedl G.
3	Influence of Electrohydrodynamic (EHD) on Drying Rate and Germination of Rapeseed (<i>Brassica napus</i> L.)	Esehaghbeygi A., Basiryi M.	6	Agricultural & environmental engineering for Bioenergy Production	Dubrovin V., Melnychuk M.
4	Telehandler for mechanical pruning of hazelnuts	Cavallo E.	7	A Biomass District Heating System in Lusevera (Udine, Italy)	Gubiani R., Pergher G., Dell'Antonia D., Maroncelli D.
5	Documentation in Viticulture	Keicher R., Schwarz H. P.	8	The Effect of Degree of Milling on Specific Energy Consumption of Alfalfa Chops	Ghorbani Z., Masoumi A. A., Hemmat A.

6	Procedure comparison between cross compound and normal sowing taken with simultaneous consideration of work-economic, ecological and economic effects	Götz S., Bernhardt H.	9	Technical and economic aspects of the mechanized harvesting of ramiè	Cecchini M., Monarca D., Colantoni A., Biondi P., Gallo P., Biocca M.
---	---	--------------------------	---	--	---

FACULTY OF AGRICULTURE - REGGIO CALABRIA

17.06.09 Afternoon

16.30 – 18.00

Room: C			Room: "Seminari"		
Session:	Topic n. 15 (1-8) IUFRO Workshop "Forestry utilization in Mediterranean countries with particularly respect to sloping areas" - Forestry Mechanization and Wood Technology		Session:	Topic n. 1 (1-5) Processing and Post Harvest Technology and Logistics Topic n. 2 (1-4) Protected Cultivation, Greenhouse Technology	
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Košir Bastian			Chair: Giametta Gennaro	
1	Mechanized logging technologies with limited ecological impact in Romanian mountainous area	Oprea I., Iordache E., Derczeni R.	1	Mechanical Damages in Simulated Fruit Transport	Kafashan J., Ramon H., Tijksens B.
2	Survey of forest companies in Basilicata: machinery and equipment and their evolution of last decade	D'Antonio P., D'Antonio C., De Bonis A	2	Characteristics and Processing Methods of Some Halva Types Produced in Turkey	Koca I., Hasbay Adil I., Karadeniz B., Yolcu H.
3	Evaluation of the General Forest Opening Up Works by the Use of Modern Technologies	Ciannoulas V. J., Drosos V. C. , Liampas S. A. G. and Giovannopoulos R.	3	Processing of fresh-cut vegetables	Lehto M., Sipilä I., Mäki M., Määttä J., Kymäläinen H.R., Kuisma R., Sjöberg A.M.
4	Sustainable forest management and forestry utilization in conformity with the PEFC scheme: study on three management practices in Selva del Lamone Natural Reserve	Picchio R., Blasi S., Sirna A., Savelli S., Maesano M.	4	Color Image Based Measurement of Blood Vitamin A Level for Beef Cattle	Mano S., Kondo N., Takahashi N., Shimizu H., Shiigi T., Quoc N., Nguyen Quoc T., Fukuzono K., Fukushima M., Nakano M.
5	Development and Implementation of a System for Modelling Growth of Eucalyptus Plantations Forest to Help the Stock Management (4Tree)	Pereira Silva M., Ribeiro A., Chaves Monteiro Silva W., Gonçalves Leal B., Gomes Facco A., Palha Leite F.	5	Thin Layer Drying and Equilibrium Moisture Content Equations for Canola	Zare D., Ranjbaran M., Neiakousari M., Javid M.

6	Investigation of effect the non-ecologic factors in evaluation outdoor recreation of Sorkhe Hesar forest park using GIS	Scandari S, Oladi J., Yakhkesi A.	1	Assessing the Foliar Deposition on Greenhouse Tomato Plants	Cerruto E., Emma G., Manetto G.
7	The Reliability of Digital Data Collection for Natural Resources in the Mediterranean Mountain Areas Using Photogrammetrical Methods	Drosos V. C., Ciannoulas V.J., Liampas A.G., Stamatiou C.	2	Vertical Spray Boom Profiles for Greenhouse Applications	Cerruto E., Balloni S., Conti A., Emma G., Caruso L.
8	An assessment of potential revenue from timber harvest and sustainable forest biomass production for energy: a case study in Calabria	Stillitano T., Marcianò C.	3	Economic Aspects of Greenhouse Structure configuration	Eben-Chaime M., Bechar A., Baron A.
			4	Greenhouse Technology: the reactivation of the constructive experiences	Giuffrè R. , Trombetta C.

FACULTY OF AGRICULTURE-REGGIO CALABRIA					
18.06.09 Morning					
9.00 – 11.00					
Room: A			Room: B		
Session:	Topic n. 9 (1-8) Fruit and Vegetable Cultivation Systems		Topic n. 8 (1-7) Renewable Energy and Energy Efficiency Topic n. 10 (1-2) Emerging Industrial Products, Marketing Service Systems		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Bodria Luigi			Chair: Luoma Tarmo	
1	Performance Evaluation of a Sunflower De-huller Machine	Khazaei J., Arabhosseini, A., Jafari S., Massah J.	1	Improvement of the Efficiency of Agricultural Biogas Plants	Krampe P.
2	Study on the Optimization of Application Plan for Liquid Fertilizer by Genetic Algorithm	Mori R., Ohdoi K., Iida M., Umeda M.	2	Numerical simulation tool to study fuel consumption during spreading	Lacour S., Dieudé-Fauvel E., Langle T., Galiègues Y.
3	Comparative tests on manual and mechanical pruning in spanish super intensive olive cultivation system	Giametta G., Zimbalatti G., Bernardi B.,	3	Effect of the Intensity of Grassland Management on Biogas Production	Leonhartsberger C., Bauer A., Gerstl M., Pötsch E. M., Amon T.
4	Design, Development and Evaluation of a Billet Arranging Mechanism for a Sugarcane Billet Planter	Razavi J., Bagvand I., Hemmat A.	4	Energy efficiency of wheat production in different soil tillage systems in the semi-arid region of Austria	Moitzi G., Szalay T., Schüller M., Wagentristl H., Refenner K., Weingartmann H. , Liebhard P.

5	Design, Development and Evaluation of a Sugarcane Billet Planter Equipped with Metering Unit with Overlap Planting Pattern	Razavi J., Namjoo M.	5	Model for the Forecasting of the Fusion Temperature of Biomass Ashes	Riva G., Foppa Pedretti E., Toscano G., Corinaldesi F.
6	Red Apple Juice: Breeding, Drink- and Growing Technology for the Development of a New, Innovative Product	Schwarz H. P., Braun P., Keicher R.	6	Use of the Control Chart to Monitor the Biomasses quality in Power Plants	Riva G., Foppa Pedretti E., Toscano G.
7	Utilization of Liquid Biofertilizer for Mankinds	Sittisak U.	7	De-globalization of biofuel trade for social justice and cleaner environment	Wong A., Ching D.L.K.
8	Productivity and oil characteristics in a superintensive olive planting system in Central Italy	Marone E., Mersi A., Ottanelli A., Fiorino P.	1	Measurement of Agricultural Mechanization Index and Analysis of Agricultural Productivity of some Farm Settlements in South West, Nigeria	Olaoye J. O., Rotimi A. O.
			2	The impact of economic – social situation changes on vegetation and environment of developing countries (case study: Iran – Roudbar	Ravanbakhsh H., Nourzad Moghadam M. , Marvie Mohajer M. R.

FACULTY OF AGRICULTURE-REGGIO CALABRIA

18.06.09 Morning

9.00 – 11.00

Room: C			Room: "Seminari"		
Session:	Topic n. 15 (1-11) IUFRO Workshop "Forestry utilization in Mediterranean countries with particularly respect to sloping areas" - Forestry Mechanization and Wood Technology Topic n. 4 (1) Harvest and Road network planning in mountainous terrain		Topic n. 3 (1-9) Systems Engineering and Management, Traceability		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Shiba Masami			Chair: Sorensen Claus Gron	
1	Mechanised Treatment of a Forest Area Devastated by Forest Fire for Energy Purposes	Košir B., Jež P.	1	Work quality assessment of different farrowing systems	Quendler E., Helfensdörfer V., Baumgartner J., Boxberger J.
2	National Plan to Combat Desertification In the area of forest In Libyan Arab Jamahiriya	Abusrewel E. H.	2	Virtual Reality Technology Based Study of the Working Process of a Stone Protectors for Stony Soil Tillage Implements	Olt J., Heinloo M.

3	Surveying on the efficiency of HSM-904 wheeled skidder in Sorkhkola forest of Mazandran province (northern Iran)	Firouzan A.H., Naghdi Ramin, Barari K.	3	An Overview of RFID-based Animal Auto-Identification in the Agricultural Sector	Riordan D., Walsh J., Harty E.
4	An anti-rollover device dedicated to All-Terrain Vehicle lateral stability: Application to a quad bike	Bouton N., Lenain R., Thuilot B., Berducat M.	4	Blood Vitamin A Level Measurement in Beef Cattle Using Spectrum Images	Takahashi N., Kondo N., Mano S., Shiigi T., Shimizu H., Tuan N. Q., Fukushima M., Fukuzono K., Nakano M.
5	Risk Perception in the forestry workers: first results of a survey made through check lists	Gubiani Rino, Zoppello G., Vello M., Cividino S.R.S.	5	Relationship between the number of automatic teat cleaning cycles and total bacterial count of milk in an Automatic Milking System	Tangorra F.M. , Costa A., Bronzo V. , Moroni P.
6	Working-Time Requirement for the Firewood and Wood-Chip Supply Chains	Moriz C.	6	On farm traceability of grapes for small vine growers: development and testing of a low-cost data acquisition system	Baldoin C., De Zanche C., Bondesan D.
7	Analysis of working time requirement and logistics for growing short rotation forestry in Austria	Handler F., Blumauer E.	7	Tracking and tracing systems in agrifood supply chain	Giametta G., Sciarrone G.
8	Determination of Priority of Forest Functions for Strategic Forest Planning using AHP	Maleknia Rahim Feghhi J., Makhdom M., Zobeiri M., Marvi Mohajer M.R.	8	Web-based systems and RFID for meat traceability	Barge P., Campo M.W., Piccarolo P., Racioppi F., Torassa C., Tortia C.
9	Slash-bundling under mountain conditions: performance, utilization, cost and benefits	Spinelli R., Magagnotti N., Lombardini C., Picchi G.	9	Food Traceability Systems: Performance Evaluation and Optimization	Gay P. , Piccarolo P., Tortia C.
10	Implementation of Digital Photogrammetry in Environmental Forest Road Construction	Drosos Vasileios C., Ciannoulas V.J., Kantarzis A.			
11	Investigation of Tribal Forestry Role at Forest Dynamics in Lor-Dominated Zagros: Case study of Shoulabad-	Adeli K., Yakhkeshi A., Scandari S.			

1	Researches regarding geo-synthetics use to consolidate forest roads' roadway	Ciobanu V. , Alexandru V.			
---	--	------------------------------	--	--	--

FACULTY OF AGRICULTURE-REGGIO CALABRIA

18.06.09 Morning

11.30 – 13.30

Room: A			Room: B		
Session:	Topic n. 12 (1-11) Land and Water Use		Topic n. 13 (1-12) Environment Protection		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Almeida Arlindo			Chair: Döhler Helmut	
1	Wastewater Reuse for Irrigation: Main Effects on Horticultural Crops and Soil Processes	Aiello R., Barbagallo S., Cirelli G. L., Consoli S., Licciardello F., Piccione G.	1	Development of anaerobic co-fermentation process using the swine manure and organic byproduct	Oh I. H., Kim W. G., Jang C. H., Eltawil M. A.
2	Models for Decision Support Systems: land use changes effects on Marta River Basin hydrology (Central Italy)	Gobattoni F., Leone A.	2	Evaluation of On-farm Biological Treatment Processes for Wastewaters from Vegetable Peeling	Lehto M. , Sipilä I., Kymäläinen H. R., Sjöberg A.M.
3	Sawah Rice Production Technology: Innovative Land and Water Use in Nigeria and Ghana for Sustainable Agriculture	Oladele O.I., Wakatsuki T.	3	Evaluation of the Methane Yield of Steam-exploded Wheat Straw and its Energy Potential for the total arable Land in EU-27	Bauer A., Leonhartsberger C., Bösch P., Friedl A., Amon T.
4	Measurement System of Soil-Air Permeability Coefficient in Soil Deodorization	Nakajim T., Tojo S., Saito H.	4	Environmental Sustainability of Intensive Farming in the Friuli-Venezia Giulia Region, Italy: Results of a Territorial Study	Chiumenti R., Chiumenti A., da Borso F., Limina S.
5	Assessment Indices of Riparian Vegetation's Naturalness and Example Application in Calabrian Fiumaras with Check Dams and Channelization	Bombino G., Denisi P., Fortugno D., Tamburino V., Zimbone S. M.	5	Agrotechnologies towards Ecotechnologies – the three pillars for developing Eco-design	Didelot D., Chakroun M. Langevin B., Thirion F., Piron E.
6	Precipitation and drought variability in the last century in Calabria (Italy)	Capra A., Consoli S. Scicolone B., Calafiore G.	6	Shear Strength Parameters of a Calcareous Soil as Affected by Long-term Application of Organic Matter in Wheat-Maize System	Hemmat A., Aghili Nategh N., Sadeghi M., Vafaeian M.
7	Decision Support System for Low Quality Water Use in Irrigated Agriculture	Kathijotes N., Kalcheva S., Torma S., Vilcek J., Dimitrov P.	7	Shear Strength Parameters of a Clay Soil as Affected by Calcium Carbonate and Water Contents	Hemmat A., Khameh H., Vafaeian M., Khademi H.

8	Land and Water Use in Algeria	Abidat O., Chabi A., Louadj L.	8	PM and Ammonia Emissions from Alternative Systems for Laying Hens	Hinz T., Winter T., Linke S., Zander F.
9	Determining Factors of Hungarian Agriculture with Special Regard to the Guidelines of European Support	Kemény G., Juhász G.	9	A new method of ammonia and odour reduction by partial underfloor filtration in swine houses	Krause K.H., Linke S., Müller H.J., Mußlick M
10	Methodologies for the Evaluation of the Climatic Changes Scenarios Impacts on Irrigated Agriculture	Rolim J., Teixeira J., Catalão J.	10	Effects of carbon: nitrogen ratio on sequencing batch reactors treating poultry wastewater	Mees J. B. R., Damasceno S., Dallago R.
11	Event-scale modelling by WEPP of a Belgian agricultural watershed	Licciardello F., Zema D.A., Zimbone S.M.	11	Thermo Chemical Gasification of Contaminated Biomass	Grau M., Meissner R., Leinweber P., Pickel P.
			12	Ammonia and greenhouse gases concentration and emission from three different type of laying hens houses	Costa A., Guarino M.

FACULTY OF AGRICULTURE-REGGIO CALABRIA

18.06.09 Morning

11.30 – 13.30

Room: C			Room: "Seminari"		
Session:	Topic n. 6 (1-7) Information Systems and Precision Farming Topic n. 14 (1-4) Open topics		Topic n. 11 (1-12) Safety and Health in Agro-forestry and Agro-food Systems		
Nr	Paper title	Authors	Nr	Paper title	Authors
	Chair: Quendler Elisabeth			Chair: Liberatori Sandro	
1	Monitoring and Remote Control of Slurry Waste Distribution Activities for a Sustainable Management of Livestock Farms: the METAMORFOSI Project	Mazzetto F., Calcante A., Sacco P., Salomoni F., Landonio S.	1	Ergonomics Related Problems of Compatibility of Signalling Devices of Tractors and Farm Machinery	Juliszewski T.
2	Delineation of Management Zones using Topographical Data and Geophysical ECa Measurements	De Benedetto D., Sollitto D., Guastaferrò F., Castrignanò A., Colecchia S.	2	The Vibrations Problem in Horticulture and Agricultural Nursery	Pessina D., Bonalume V., Belli M.
3	A Methodological Proposal to Design and Apply Farm Information Systems from an Extended Precision Farming Perspective	Mazzetto F.	3	Whole Body Vibration (WBV): Comparison Among Field Data and Standard Test Track (ISO 5008) in Different Operative Conditions	Deboli R., Calvo A., Preti C.

4	Development of an Economized Laser Land Leveling System	Khadem Mohammad-Reza S., Shafiei M., Khadem M.	4	Workers Safety And Welfare in the Ready-To-Use Fruit Sector	Dioguardi L.
5	Integrated System for Remote Environment Monitoring	Stefanović Č., Antić B., Minić V., Vukobratović D., Crnojević V.	5	Vibration Measurements and Analysis of Agricultural Tractors Operating on Traditional and Electronic Regulator	Gravalos I., Gialamas Th., Kateris D., Xyradakis P., Tsiropoulos Z., Moshou D.
6	Precision and Clean Application for Low Row Crops	Manor G., Bordman B.	6	The acoustic repeatability data declaration for the chainsaws	Calvo A., Deboli R., Preti C.
7	Selection of an Appropriate Simulation Method for Soil-Tillage Tool Interaction Problems	Jafari Ramin	7	Hot Air Technique for the Decontamination of Table Eggs Surface	Fabbri A., Cevoli C., Pasquali F., Manfreda G.
1	Research of Historical-Typological Consistency Criteria for Farm Building Design: the Model of Analysis	Benni S., Torreggiani D., Dall'Ara E., Tassinari P.	8	Effects of TiO ₂ based photocatalytic painting on indoor air quality and on animal performance in a swine weaning room	Costa A., Guarino M.
2	Description of Geometrical Properties for Root Crop Parenchyma Cells	Masuda R., Kurita H., Umeda M.	9	Combination of Microbial Risk Assessment and Economic Methods to evaluate the cost effectiveness of intervention strategies to control Cronobacter spp. in Powdered Infant Formula	Sapone N., Velthuis A.G.J., Reij M.W., Marciandò C.
3	Effect of Combined Vacuum and Pressurized Treatments on Sodium Tripolyphosphate Diffusion and Water Uptake of White Shrimp during Marination	Suwanna J., Aluck T.	10	Work Economics and Ergonomics in Dairy Farming	Schick M.
4	Selecting the best mother seed trees of wild cherry in west forests of Guilan Province, due to ecological restoration in mentioned area	Razavi S.M., Firouzan A. H., Mohammadi R.	11	Improvement of Positioning Accuracy Using Spread Spectrum Sound Wave in Noisy Environment	Shiigi T., Kondo N., Tsuzuki S., Okada S., Nobara T., Shimizu H., Nishizu T.
			12	Farmers Exposure against Airborne Contaminants in different Systems for Layers	Winter T., Hinz T., Linke S., Zander F.