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SYMPOSIUM SPONSORS



MONDAY, 23 AUGUST

10.30–12.30h

Aud. IX

Session 1

PLANT BREEDING AND PROPAGATION MATERIAL

Chairperson: *Ulrich Köpke (Germany)*

10.30 - **Inv. Speaker** | Organic Horticulture World-Wide
Willer, H. | S14.001

11.00 - **Oral** | Agronomic Behaviour and Susceptibility
to Pests and Diseases of 36 Apple Cultivars in Four
Low-Input Organic Orchards in France

Parveaud, C. E.; Gomez, C.; Libourel, G.; Romet, L.; Warlop, F.; Simon, S.; Brun, L.; Pouzoulet, D.; Delebecq, A.; Tournant, L.; Oste, S.; Laurens, F. | S14.002

11.15 - Oral | Traditional and Commercial Tomato Varieties Evaluation for Organic Horticulture in Two Regions of Spain, Caceres and Madrid
Sánchez-Giráldez, H.; Zambrana, E.; Tenorio, J. L.; Martín, I.; de la Cuadra, C.; Ramos, M. | S14.003

11.30 - Oral | Agronomic and Quality Evaluation of Spanish Landraces of Melon Grown under Organic Farming in Extremadura
Gil-Torralvo, C.; Gutiérrez-Perera, J.; Esteban-Perdigón, A.; Gragera-Facundo, J.; Cano-Suárez, J. M.; Ávila-Lozano, C. | S14.004

11.45 - Oral | Update on the Initiative “Monitoring of *Venturia inaequalis* Virulences”
Patocchi, A. | S14.005

12.00 - SP | Susceptibility of Japanese Plum Cultivars to *Tranzschelia pruni-spinosae* under Organic and Conventional Managements in Southern of Spain
Castejón, M.; Arroyo, F. T.; García-Galavís, P.; Santamaría, C.; Daza, A. | S14.006

SP | Top-Grafting: A Viable Alternative when Changing Cultivars in an Apple Orchard?
García, M. E.; Berkett, L. P.; Moran, R. E.; Bradshaw, T. L.; Kingsley-Richards, S. L. | S14.007

SP | Melon Varieties Evaluation for Organic Horticulture Production in Extremadura, Spain
Sánchez-Giráldez, H.; de la Cuadra, C.; Ramos, M. | S14.008

SP | Potato Cultivars for Organic Production
Rossi, F.; Melo, P. C. T.; Azevedo Filho, J. A.; Guirado, N.; Ambrosano, A. J.; Schammas, E. A.; Camargo, L. F. | S14.009

SP | Local Landraces of Dry Beans (*Phaseolus vulgaris* L.): A Valuable Resource for Organic Production in Greece
Papadopoulou, I.; Papathanasiou, F.; Vakali, C.; Kazoglou, I.; Tamoutsidis, E. | S14.010

SP | Hungarian Apple Breeding for Organic Fruit Production
Tóth, M.; Ficzek, G.; Király, I.; Hevesi, M.; Gyökös, G.; Kovács, S. | S14.011

13.30–15.00h

Aud. IX

Session 2 SOIL FERTILITY AND NUTRIENT MANAGEMENT I

Chairperson: Lahcen Kenny (Morocco)

13.30 - Oral | Assessing Effects of Biochar as Amendment for Apple Orchard Soils under Different Moisture and Nutrient Regimes
Street, T.; Close, D. C.; Doyle, R. | S14.012

13.45 - Oral | Effects of Compost Maturation and Compost Application Timing on the Growth and Nutrient Accumulation by Organic Cabbage
Mourão, I.; Amaro, A. L.; Brito, L. M.; Coutinho, J. | S14.013

14.00 - Oral | Microbial Biomass and Activity of Rumen Compost, of its Conversion to Vermicasts, and their Subsequent Compost Teas
Shrestha, K.; Shrestha, P.; Adetutu, E.; Walsh, K. B.; Harrower, K. M.; Ball, A.; Midmore, D. J. | S14.014

14.15 - Oral | Compost Based Growing Media for Organic Melon Seedlings Production
Ceglie, F. G.; Abdelrahman, H.; Erriquens, F. G.; Verrastro, V.; Rivera, C. M.; Tittarelli, F. | S14.015

14.30 - SP | Nutrient Management in Organic Greenhouse Production in Europe: Navigation between the Constraints of ‘Organics’, Fertilizer Legislation and Requirements for Sustainability
Voogt, W.; Cuijpers, W.; De Visser, P. H. B.; Van der Burgt, G. J.; Van Winkel, A. | S14.016

SP | The Effect of Organic Fertilizers and Amendments on Photosynthesis and N Metabolism in Strawberry.
Malusa, E.; Jadczyk-Tobjasz, E.; Juszczyk, I.; Rychter, A.; Ciesielska, J.; Popinska, W. | S14.017

SP | Effect of Probiotica or Biostimulators on N-Release out of Incorporated Crop Residues
Willekens, K.; de Neve, S.; Vandecasteele, B.; Van Waes, J. | S14.019

SP | Physical and Chemical Properties of Gaoyao Peat and Mixtures with Perlite and its Effects on Growth, Leaf Nutrient Content of *Zamioculcas zamiifolia* Plant
Qian, R. J.; Liao, F. X.; Liang, G. L.; Wang, B. Q. | S14.020

SP | Organic Seedling Production of Tomato and Pepper in Relation to Vermicompost
Ahmed, H. M. I. | S14.021

SP | Annual Self-Reseeding Legumes and Their Application into Mediterranean Organic Cropping Systems
Driouech, N. | S14.022

16.30–18.00h

Aud. IX

Session 3 SOIL FERTILITY AND NUTRIENT MANAGEMENT II

Chairperson: L. Miguel Brito (Portugal)

16.30 - Oral | Growing Substrate Composition Influences Growth, Productivity and Quality of Organic Vegetables
Bhat, N. R.; Albaho, M.; Suleiman, M. K.; Thomas, B. M. | S14.023

16.45 - Oral | Effect of Organic Material and Biological Amendments on Pear Tree Performance and Soil

Microbial and Chemical Properties

Van Schoor, L.; Botha, A.; Stassen, P. J. C. | S14.024

17.00 - Oral | Organic Highbush Blueberry Production Systems Research - Management of Plant Nutrition, Irrigation Requirements, Weeds, and Economic Sustainability

Strik, B. C.; Bryla, D.; Larco, H.; Julian, J. | S14.025

17.15 - Oral | Effect of Organic Fertilization, Ripening Stage and Storage on Quality of Fruits of Nectarine Stark Redgold

Baldi, E.; Toselli, M.; Marcolini, G.; Bravo, K.; Sorrenti, G.; Marangoni, B. | S14.026

17.30 - SP | Organic Nutrient Management in High Density Guava Orchard

Mitra, S. K.; Gurung, M. R.; Pathak, P. K. | S14.027

SP | Effects of Organic Fertilisation on Valencia Late Orange Bearing Trees

Roccuzzo, G.; Fabroni, S.; Allegra, M.; Torrise, B.; Camin, F.; Rapisarda, P.; Canali, S.; Intrigliolo, F. | S14.028

SP | Ensuring Sufficient and Balanced Nutrient Supply for Organic Vegetable Production – The Case of Liquid Organic Fertilizers

Gioseffi, E.; De Neergaard, A. | S14.029

SP | Response of Curry Leaf (*Murraya koenigii* Spreng) var. *suvasini* for Foliar Spray of Vermiwash and Nutritional Treatments

Hegde, N. K.; Siddappa, R.; Hanamashetti, S. I. | S14.030

SP | Sheepwool as Fertilizer for Vegetables and Flowers in Organic Farming

Böhme, M. H.; Pinker, I.; Grüneberg, H.; Herfort, S. | S14.031

SP | Growth Responses and Isotopic N Composition of Chinese Cabbage as Affected by N Mineralization Pattern of Oil-Cakes

Ro, H.; Kim, J.; Yun, S.; Lee, M.; Lee, J. | S14.032

SP | Growing Methods and Nutrient Management in Organic Greenhouse Production of Vegetables

Babik, J.; Kaniszewski, S.; Babik, I. | S14.033

11.00 - Oral | Effects of Cover Crops on Yield and Quality of Organically Grown Tomatoes in Greenhouse

Duyar, H.; Tuzel, Y.; Oztekin, G. B. | S14.035

11.15 - Oral | Cover Crops as Nitrogen Source for Organic Farming in Southwest Europe

Perdigão, A.; Coutinho, J.; Moreira, N. | S14.036

11.30 - Oral | Evaluation of Pre-Crops and Fertilization Strategies on Soil Chemical Properties in Mediterranean Organic Rotations: Case of South of Italy

Al Chami, Z.; Al Bitar, L.; Amer, N.; Baysal, D.; Aksoy, U. | S14.037

11.45 - Oral | Evaluation of Crop Rotation and Fertilization Strategies for Organic Vegetable Production under Mediterranean Conditions

Kenny, L.; Al Bitar, L.; Benkheder, M.; Aksoy, U. | S14.038

12.00 - Oral | Economic Performance of Pre-Crops in a Three-Year Rotation Program for Organic Vegetable Production

Bilen, E.; Nazik, C. A.; Unal, M.; Bteich, M. R.; Al Bitar, L.; Aksoy, U. | S14.039

12.15 - SP | Legume Cover Crops and Organic Fertilizer for N Supply to Improve Productivity and Fruit Composition of Thompson Seedless Grapevines

Rizk, M. H. | S14.040

SP | Rotation Sequence and Soil Amendment Impact on Productivity, Soil Quality and Nitrogen Losses, under Organic Vegetable Production in Atlantic Canada

Lynch, D. H.; Sharifi, M.; Hammermeister, A.; Burton, D. | S14.041

SP | Mulches Increase Yield and Improve Weed Control in No-Till Organic Broccoli (*Brassica oleracea* var. *botrytis*)

Díaz-Pérez, J. C.; Phatak, S. C.; Morse, R. | S14.042

16.00–18.00h

Aud. IX

Session 5

PEST AND DISEASE MANAGEMENT STRATEGIES

Chairperson: *Franco Weibel (Switzerland)*

16.00 - Inv. Speaker | Agroecological Diversification Strategies to Enhance Biological Pest Regulation in Horticultural Systems

Altieri, M. A.; Nicholls, C. I. | S14.043

16.30 - Oral | Abundance and Species Richness of *Carabidae* as Affected by Vegetation Management and Mulching in Organic Highbush Blueberries

Renkema, J.; Lynch, D. H.; Cutler, C.; MacKenzie, K.; Walde, S. | S14.044

16.45 - Oral | Weed Management in Organic Onions Production: Optimizing Cultivation Technique and Mechanical Weed Control to Reduce Hand Labour

Koller, M.; Vieweger, A. | S14.045

TUESDAY, 24 AUGUST

10.30–12.30h

Aud. IX

Session 4

ROTATION PROGRAMMES AND COVER CROPS

Chairperson: *Francisco Montero (Spain)*

10.30 - Inv. Speaker | Comparing Conventional and Improved Organic Vegetable Rotations, Yields and Nitrogen Husbandry

Thorup-Kristensen, K.; Kristensen, H. L. | S14.034

17.00 - Oral | The Inhibition and Control Effects of Garlic Bulb Crude Extracts on *Botrytis cinerea* in Tomato
Wei, T.; Cheng, Z.; Su, L. | S14.046

17.15 - SP | Keys to Improve the Japanese Plum Organic Farming in Mediterranean Climate Conditions
Arroyo, F. T.; Castejón, M.; García-Galavís, P.; Santamaría, C.; Camacho, M.; Montero, M. C.; Daza, A. | S14.047

SP | Wheat Cultivar Selection for Biological Mediation of Apple Replant Disease
Hoagland, L.; Mazzola, M.; Murphy, K.; Jones, S. | S14.048

SP | Mating Disruption of Codling Moth, *Cydia Pomonella*, by Applications of the Microencapsulated Formulation Checkmate® CM-F in Bulgaria
Kutinkova, H.; Dzhuvinov, V.; Casagrande, E.; Samietz, J. | S14.049

SP | Leafhopper Management in Organic Apple Orchards
Alins, G.; Domingo, T.; Alegre, S. | S14.050

SP | Protection of Eggplant and Chilli from Bacterial Wilt (*Ralstonia solanacearum*) with Antagonistic Bacteria
Arwiyanto, T.; Maryudani, Y. M. S.; Nurcahyanti, S. D. | S14.051

SP | Biofumigation with *Brassica juncea* Pellets and Leek Material in Carrot Crop Rotations
Greusen, K. | S14.052

SP | Effects of Cultivation of Preceding Aromatic Plants on the Development of Clubroot (*Plasmodiophora brassicae*) on Chinese Cabbage (*Brassica Rapa*)
Vidal, M. C.; Prats, E. P.; Rubiales, D. O. | S14.053

SP | Comparative Field Efficacy of Various Entomopathogenic Fungi against *Thrips tabaci*: Prospects for Organic Production of Onion in India
Ganga Visalakshy, N. P.; Krishnamoorthy, A. | S14.054

SP | Taguchi Experimental Design for Optimization the Control of the Western Flower Thrips, *Frankliniella occidentalis*, by Organic Pesticides
Kiani, L.; Yazdani, M.; Tafaghodi, B.; Sarayloo, H. | S14.056

SP | The Challenges of Organic Avocado Production in South Africa
Van Rooyen, Z.; Smith, D. | S14.057

WEDNESDAY, 25 AUGUST

10.30–12.30h

Aud. IX

Session 6

POST-HARVEST HANDLING AND FOOD QUALITY

Chairperson: Alison Hodder (Italy)

10.30 - Inv. Speaker | Storage Technologies for Postharvest Use on Organic Produce
Prange, R. K. | S14.058

11.00 - Oral | Organic Acids Concentration in Citrus Juice from Conventional and Organic Farming
Duarte, A.; Caixeirinho, D.; Sustelo, V.; Fernandes, M. M.; Marreiros, A.; Nunes, C.; Miguel, G. | S14.059

11.15 - Oral | Organic Versus Conventional - A Comparative Study on Quality and Nutritional Value of Fruits and Vegetables Grown in Poland
Gastol, M.; Domagala-Swiatkiewicz, I.; Krosniak, M. | S14.060

11.30 - SP | Improvement of Vitamin C, Phenolics and Colouration in Apple Fruit with Organic Mulch Used as a Reflective Material
Solomakhin, A. A.; Blanke, M.; Noga, G.; Trunov, Y. V. | S14.061

SP | Microbiological Contamination of Organic Herbal Raw Material
Seidler-Lozykowska, K.; Kedzia, B. | S14.062

SP | Effects of Agricultural Techniques on the Nutritional Value of Organically Grown Endive
De Pascale, S.; Caputo, R.; Maggio, A. | S14.063

13.30–15.00h

Aud. IX

Session 7

SUSTAINABILITY INDICATORS, ECONOMICS AND TRENDS ON ORGANIC FARMS I

Chairperson: Antonio Alonso (Spain)

13.30 - Inv. Speaker | Sustainability of Organic Horticulture
Raviv, M. | S14.064

14.00 - Oral | Reducing Barriers for Conversion to Organic Vegetable Production by Improving Regional Value Chains - A Case from Germany
König, B.; Von Allwörden, A.; Bokelmann, W. | S14.065

14.15 - Oral | Factors that Affect Organic Agriculture's Development in Curitiba's Metropolitan Area (CMA) – Paraná State (Brasil)
Cidade Junior, H. A.; Fonte, N. N. | S14.066

14.30 - Oral | Horticultural Organic Production in Developing Countries: Technical or Economic Questions?
De Bon, H.; Ha, T. T. T.; Khuyen, B. T.; Langlais, C.; Mai, N. T.; Hien, N. T. T.; Moustier, P. | S14.067

14.45 - Oral | Current and Future Situation of Organic Farming in Saudi Arabia
Al Redhaiman, K. N. | S14.068

16.30–18.00h
Aud. IX
Session 8
SUSTAINABILITY INDICATORS, ECONOMICS AND TRENDS ON ORGANIC FARMS II
Chairperson: *Niels Halberg (Denmark)*
16.30 - Oral | Consumer Preference of Apple Cultivars Suited for Organic Production; and which Factors Influence the Buying Decision

Weibel, F. P.; Kruczynska, D.; Konopacka, D. | S14.069

16.45 - Oral | Assessing Consumers' Mindsets for Purchasing Organic and Local Produce: Insights from Conjoint Analysis and Segmentation

Lesschaeve, L.; Gilchrist, J.; Bowen, A. | S14.070

17.00 - Oral | Does Organic Farming Pay for Increased Risk?

Lauwers, L.; De Cock, L.; de Wit, J.; Wauters, E. | S14.071

17.15 - Oral | A Critical View on Direct Payments to Organic Vegetable Producers

De Cock, L.; Lauwers, L.; de Wit, J. | S14.072

17.30 - Oral | The Implications of Organic Orchard's Integral Role in the Sustainability of New Zealand's Kiwifruit Sector

Rosin, C.; Manhire, J.; Norton, S.; Bengt, J.; Campbell, H.; Fairweather, J.; Greer, G.; Hunt, L.; Moller, H.; Saunders, C. | S14.073

17.45 - SP | Most Frequently Found Non-Conformities in Organic Horticultural Certification

Almeida, N. M. M.; Montenegro, J. B. A. M.; Santos, S. L. A. S. | S14.074

SP | The Case of the Livelihood Collective in Curitiba, Southern Brazil

Cidade Junior, H. A.; Oliver, C. F.; Seifert Junior, R. E. | S14.075

Poster | Soil pH Affected Available Nutrients and Character of 'Whangkeumbae' Pear

Zhao, J.; Xiang, S.; Xin, L.; Xianxian, Z.; Yan, D. | S14.202

Poster | Variation of Compost Phytotoxicity during a Composting Process

Picón-Toro, J.; Morales-Rodríguez, M. C.; Rodríguez-Molina, M. C.; Palo Osorio, C.; Palo Núñez, E. J.; Duarte Maya, M. S.; Moreno Cruz, V. | S14.203

Poster | Analysis of Bacterial Communities on Soil Microorganisms of Apple Orchard by PCR-DGGE

Hai-Tao, Q.; Yang, H.; Sui, J.; Fan, W. | S14.204

Poster | N-15 Natural Abundance Methods for Quantifying Nitrogen Fixation by Intercrop Green Manure Legumes with Cherry Tomatoes

Ambrosano, E. J.; Rossi, F.; Guirado, N.; Trivelin, P. C. O.; Cantarella, H.; Ambrosano, G. M. B.; Schammas, E. A.; Muraoka, T.; Melo, P. C. T.; Sakai, R. H. | S14.205

Poster | Cultivation of *Pleurotus ostreatus* Using Supplemented Spent Oyster Mushroom Substrate

Pardo-Giménez, A.; Picornell, M. R.; de Juan, J. A.; Zied, D. C.; Pardo-González, J. E. | S14.206

Poster | Effect of Organic Materials on Active Oxygen Metabolism and Activity of Pathogenesis-Related

*Enzymes in the Roots of *Malus hupehensis* in Replant Soil*
Mao, Z. Q.; Litao, S.; Yanli, H. | S14.207

Poster | Study of Different Sources of Calcium and Moment of Application in Casing Layer for Production of *Agaricus blazei* ss. Heinemann (*A. brasiliensis*) Mushroom

Zied, D. C.; Pardo, A.; Minhoni, M. A.; Álvarez-Ortí, M.; Pardo, J. E. | S14.208

Poster | Effects of Earth-Worm Cake Ratio of Horticultural Bed Soil and Additional Fertilizing Using the Extract of Rape Seed Cake on the Growth of Red Pepper Plug Seedlings

Park, K. S.; Park, D. K.; Lee, J. H.; Kwon, J. K. | S14.209

Poster | Using Phosphogypsum and Vinasse for Enrichment of Ruminal Content Composting in the Tropics

Ramirez-Guerrero, H. O.; Molina-Aguilera, G.; Moya-Guerrero, J. C. | S14.210

Poster | Apple Fruit Fermentation Broth Can Enhance Iron Absorption and Photosynthetic Function of Iron-Deficiency Stressed Apple Tree

Ji, Q. L.; Qi, Y.; Wang, R.; Huang, W.; Li, F.; Li, Y.; Yao, Y. | S14.211

Poster | Standardization of Organic Growing Media for Greenhouse Production of Melon Plants and Evaluation of Some Microbial Communities

Sebaaly, C.; Antonelli, M. G.; D'Onghia, A. M.; Varvaro, L. | S14.212

MONDAY, 23 AUGUST
15.00–16.30h
Pav. 2
Poster Session 1
PLANT BREEDING AND PROPAGATION MATERIAL / SOIL FERTILITY AND NUTRIENT MANAGEMENT
Poster | Increasing Organic Production of Summer Squash by Modulating Plant Sex Ratio

Glata, A. A.; Abd El-Samad, E. H.; El-Abd, S. O.; El-Shaikh, K. A. | S14.200

Poster | Influence of Urban Sludge Used as Fertilizer on Growth and Fruiting of Apple Trees Behaviour

Sumedrea, D.; Iancu, M.; Chitu, E.; Sumedrea, M.; Marin, F. C. | S14.201

Poster | Influence of the Organic Cultural Practices on the Productivity and Efficiency of an Apple Scab Resistant Varieties Orchard

Stanica, F.; Davidescu, V.; Madjar, M. R.; Dumitrascu, M.; Ilie, I. | S14.213

Poster | Recycling Organic Wastes from Horticulture by Vermicomposting

Costa, M. A.; Miranda, F.; Fernandes, D.; Gomes, J.; Natal-da Luz, T.; Sousa, J. P.; Rio, P. | S14.214

Poster | Aspects Regarding the Organical Culture of Carrot in Romanian Farms

Campeanu, G.; Neata, G.; Marica, M. D.; Folea, I. | S14.215

Poster | Biostimulators Obtained from Biological Raw Materials Affect the Flowering and Yielding of Apple Trees

Lewandowski, M.; Zurawicz, E. | S14.216

Poster | Effect of Plant Preparations on Lettuce Yield

Rivera, M. C.; Wright, E. R.; Salice, S.; Fabrizio, M. C. | S14.217

Poster | Organic Production of Lettuce and Swiss Chard in Response to Different Levels of Vermicompost Tea

Bustamante, M. A.; Bustamante, A. J.; Bustamante, A. | S14.218

Poster | Effect of Organic Nutrition on the Performance of Betel Vine (*Piper betle* L.) cv. Ambadi

Hegde, N. K.; Shashidhar, V. S.; Patil, S. G. | S14.219

Poster | The Study of Different Levels of Vermicompost and Phosphorus on Growth and Development and Some Elements Absorption in Tomato Transplants

Arouiee, H.; Dehdashtizade, B.; Azizi, M.; Davarinedjad, G. H. | S14.220

Poster | Melon Crop with Use of Organic Compost

Pinto, J. M.; Gava, C. A. T.; Silva, A. F.; Lima, M. A. C.; Costa, N. D.; Silva, D. J. | S14.221

Poster | Effect of the Organic Fertilization, Mineral Fertilization and Furrow Irrigation System for Ridges, with Treated and Served Water, in a Lettuce Crop (*Lactuca sativa* L.)

Galbiatti, J. A.; Ribeiro, A. G.; Pissarra, T. C. T.; Nobile, F. O.; Chiconato, D. A.; Caramelo, A. D. | S14.222

Poster | Yield and Nitrogen Uptake of White Cabbage (*Brassica oleracea* var. *capitata*) with Organic and Inorganic Fertilisers

Brito, L. M.; Amaro, A. L.; Mourão, I.; Moura, L. | S14.223

Poster | Effect of Bio-Fertilizer and Organic Manures on Yield and Quality of Guava cv. Red Fleshed

Dwivedi, D. H.; Lata, R.; Ram, R. B. | S14.224

Poster | Production of Organic Cucumbers under Different Fertilization and Soil Mulching

Babik, I.; Babik, J.; Kaniszewski, S. | S14.225

Poster | Effect of Hydrogels and Organic Composts on Soil Hydrophysical Properties and Production of Tomato

El-Hady, O. A. E.; Shaaban, S. M.; Wanas, S. A. A. | S14.226

Poster | Effect of Phosphorus Deficiency on Root Growth and Root Exudates of *Cucurbita pepo* cv. Luoren

Cao, L. X.; Chen, G. L. | S14.227

Poster | Influence of Manure and Urea on Yield and Some Fruit Characteristics of Strawberry cv. Kurdistan

Ghaderi, N.; Talaie, A. | S14.228

Poster | Different Fertilization Practices on the Beet and Lettuce Growth and its Effect on Soil Fertility

Ambrosano, E. J.; Rossi, F.; Guirado, N.; Melo, P. C. T.; Cantarella, H.; Ambrosano, G. M. B.; Schammass, E. A.; Muraoka, T. | S14.229

Poster | Short Term Effects of Manure Fertilization in an Hazelnut Orchard in Northern Italy

Cerutti, A. K.; Beccaro, G. L. | S14.230

Poster | Growth and Nutrient Accumulation of Organic Lettuce in Response to Lime and Manure Compost

Brito, L. M.; Pinto, R.; Mourão, I.; Rodrigues, R.; Coutinho, J. | S14.231

Poster | Comparative Study of Nutrient Availability in Integrated and Organic Apple Orchard

Nagy, P. T.; Nyéki, J.; Szabó, Z. | S14.232

Poster | Effect of Organic Treatments on Size and Yield of Broccoli

Tivelli, S. W.; Borthakur, P. K.; Purqueiro, L. F. V. | S14.233

Poster | Effect of Organic Treatments on Size and Yield of Lettuce

Borthakur, P. K.; Tivelli, S. W.; Purqueiro, L. F. V. | S14.234

Poster | Response of Tomato Crops (*Solanum lycopersicum* var. Montecarlo) to Sewage Sludge-Based Compost Fertilization

Llorens, E.; Gallardo, A.; Molina, M. J.; García-Agustín, P.; Lapeña, L. | S14.235

Poster | Response of Protected Pea Crop to Increased Application Rate of Manure Compost

Mourão, I.; Pinto, R.; Brito, L. M.; Rodrigues, R. | S14.236

Poster | Traditional Horticultural Management of Spatial, Temporal and Genetic Biodiversity for Designing Organic Farming Systems

Guzmán, G. I.; Alonso, A. M. | S14.237

Poster | Evaluation of Spanish Onion Landraces for Incorporation Into Organic Farming

Gil-Torralvo, C. G.; Gutierrez-Perera, J. M.; Daza-Delgado, C.; Esteban-Perdigon, A.; Gragera-Facundo, J. | S14.238

Poster | Colonization of *Bemisia tabaci* (Gennadius) (*Hemiptera: Aleyrodidae*) Biotype B in Tomato Genotypes

Fancelli, M.; Vendramim, J. D.; Lourenção, A. L.; Dias, C. T. D. S. | S14.239

Poster | Effect of Biofertilization (Chicken and Pigeon Manures) on Growth and Yield of Potatoes under Central Saudi Arabia Conditions
Al-Moshileh, A. M.; Motawei, M. I. | S14.240

TUESDAY, 24 AUGUST

15.00–16.00h

Pav. 2

Poster Session 2 ROTATION PROGRAMS, MIXED CROPPING AND COVER CROPS / PEST AND DISEASE MANAGEMENT STRATEGIES

Poster | White Cabbage Productivity in Intercropping Production System
Bavec, M.; Zuljan, M.; Robacer, M.; Bavec, F. | S14.241

Poster | Effect of a Permanent Ground Cover on Agronomic Properties and Soil Fertility in an Organic Peach Orchard
Parveaud, C.E.; Gomez, C.; Bussi, C.; Capowiez, Y. | S14.242

Poster | Organic and Integrated Vegetable Production: Effects of Crop Residues Management on Yield, Quality and Soil Characteristics
Pomares, F.; Quenum, L.; Albiach, R.; Baixauli, C.; Aguilar, J. | S14.243

Poster | Yield of Intercropping with Tomato Plants and Herbs
Carvalho, L. M.; Oliveira, I. R. | S14.244

Poster | Biodegradable Mulch Film in a Broccoli Production System
Lopez-Marin, J.; Gonzalez, A.; Pablos, J.; Abrusci, C. | S14.245

Poster | Organic Mulch in Apple Tree Rows as an Alternative to Herbicide to Improve Soil Properties and Suppress Weeds
Solomakhin, A. A.; Blanke, M.; Noga, G.; Trunov, Y. V. | S14.246

Poster | Development of the Rosy Apple Aphid within its Habitat: Some Structural and Physiological Aspects in Apple Trees
Simon, S.; Hemptinne, J. L.; Regnard, J. L.; Morel, K.; Defrance, H.; Lauri, P. E. | S14.247

Poster | Weeds as Alternative to Mechanical Weeding in Orchards: Feasibility in Mediterranean Area
Warlop, E.; Libourel, G. | S14.248

Poster | Effect of Kaolin on the Mite Assemblages of an Organic Apple Orchard in Hungary
Sipos, P.; Nádasy, M.; Markó, V. | S14.249

Poster | Inhibition of the Micelial Growth of *Phytophthora nicotianae* by Brassica Species

Morales-Rodríguez, M. C.; Rodríguez-Molina, M. C.; Picón-Toro, J.; Palo Osorio, C.; Palo Núñez, E. J.; Duarte Maya, M. S. | S14.250

Poster | Control of Aphids (*Aphis fabae* and *Myzus persicae*) on Organic Artichokes (*Cynara scolymus* L.)
Rost, J. Y.; Kautz, T.; Köpke, U. | S14.251

Poster | Influences of Different Organic Fertilizers and Amendments on Nematode Trophic Groups and Soil Microbial Communities during Strawberry Growth
Malusa, E.; Sas Paszt, L.; Trzcinski, P.; Górski, A. | S14.252

Poster | Levels of Phenolic Compounds in Root Exudates of Strawberry Plants (*Fragaria xananassa*) Treated with Various Organic Fertilizers
Sas Paszt, L.; Malusa, E.; Hallmann, E.; Rembalkowska, E. | S14.253

Poster | Identification and Culture Conditions of an Actinomycetes Strain with Inhibition Activity of *Agrobacterium tumefaciens*
Liu, Z.; Jiao, X.; Ma, H. | S14.254

Poster | Researching Organic Materials to Control Fruitset of Honeycrisp Apples
Embree, C. G.; Ferrer-Ortega, M.; Good-Avila, S.; Nichols, D.; Reekie, J. | S14.255

Poster | A Novel Natural Insecticide from Botanical Origin for Pest Management in Organic Horticulture
Ibáñez, E.; Zoppolo, R.; Paullier, J.; Díaz, M.; Rossini, C. | S14.256

Poster | An Evaluation of Scab Control (*Venturia inaequalis*) Using Sulphur as an Organic Fungicide on Bramley's Seedling Apple in Ireland
Mac An Tsaoir, S. | S14.257

Poster | The Effect of Geographical Direction and Cultivar on the Capture of Adult Pistachio Psylla, *Agonoscena pistaciae* Burckhardt and Lauterer (*Homoptera: Psyllidae*)
Sadeghi, H.; Davarynejad, G.; Fazeli, A. | S14.258

Poster | Effects of a Hot Water Extract of Waste Asparagus Rootstocks on Root-Lesion Nematode (*Pratylenchus penetrans*)
Uragami, A.; Tokuda, S.; Murakami, K.; Kunihisa, M.; Aizawa, S.; Higashio, H. | S14.259

Poster | Effects of Neem Oil Product and Trichoderma asperellum in Organic Strawberry Production
Kowalska, J. | S14.260

Poster | Alternatives to Copper-Based Treatments for the Control of Grapevine Downy Mildew (*Plasmopara viticola*): A Synthesis of 5-Year Trials in France and Italy
Parveaud, C.; Gomez, C.; Chovelon, M.; Lambion, J.; Dagostin, S.; Pertot, I. | S14.261

Poster | First Study of Entomofauna in Olive Groves in Apulia

- Simeone, V.; El Hachem, N.; Cesari, G.; Tucci, M.; Scalercio, S.; Iannotta, N.; Ceglie, F. G.* | S14.262
- Poster** | Sticky Traps Colour Influence in Accidental Capture of the Auxiliary Fauna in Pepper Greenhouse Crop in “Campo de Cartagena”
Lopez-Marín, J.; Conesa, A.; Gonzalez, A.; Martínez-Nicolas, J.; Manera, J.; Porras, I. | S14.263
- Poster** | GAP System in Ginseng Cultivation of Korea
Song, S.; Kim, I. | S14.264
- Poster** | Study on Aromatic Plant-Derived Nutrient Solutions on the Growth and Inhibition Effects for Bacteria in ‘Fengshui’ Pear
Geng, J.; Cui, N. N.; Zhang, J.; Ji, L. Q.; Yao, C. Y. | S14.265
- Poster** | Evaluation of Biodegradable Mulches for Weed Control in Processing Tomato
Suso, M. L.; Pardo, A.; Vázquez, N. | S14.266
- Poster** | Effects of Apple Nutrient Solutions on the Growth and Disease Resistance in Apple
Jiang, R.; Liu, J. M.; Zhang, J.; Ji, L. Q.; Kong, Y.; Yao, Y. C. | S14.267
- Poster** | Integrated Foliar Diseases Management for Organic Tomato Cultivation in Korea
Hong, S. J.; Kim, Y. K.; Jee, H. J.; Park, J. H.; Han, E. J. | S14.268
- Poster** | Volatile Attractants in *Brassicaceae* Plants against *Pieris rapae*
Ikeura, H.; Takamura, T.; Kobayashi, F.; Hayata, Y. | S14.269
- Poster** | Aromatic Plants as Sources of Photoactive Biological Products Useful to Crop Protection
Matos, O. | S14.270
- Poster** | Comanion Culture of *Cucumis melo* var. *inodorus* with Peppermint and Thyme as a Natural Method for *Myopordalis pardalino* Control
Arouiie, H.; Shoor, M.; Kahrobaiyan, M.; Vejdaniyard, M.; Hasanzadeh Mobini, S.; Khalily Darini, K. | S14.271
- Poster** | Effects of Apple Fruit Fermentation Broth on Activities of Strawberry Defensive Enzyme and Disease Resistance
Wang, R. J.; Qi, Y. P.; Huang, W. J.; Ji, Q. L. | S14.272
- Poster** | Allelopathic Influence of Mints Mixed with Soil on Emergence of Seedlings in Various Vegetables
Kimura, M.; Kanke, N.; Shirata, T.; Miyata, M. | S14.273
- Poster** | Optimizing the Delivery of GF-120 NF Naturalyte Fruit Fly Bait to Control Apple Maggot in Organic Orchards
Reekie, J.; Specht, E.; Carter, K.; Appleby, M.; Fraser, H.; Wilson, K.; Pink, L. | S14.274
- Poster** | Functional Biodiversity and Farming Techniques: How to Measure Impacts?
Costa, C. A.; Godinho, M.; Duarte, S.; Mateus, C.; Figueiredo, E.; Mexia, A. | S14.275
- Poster** | Toxicity of Six Plant Extracts on White Fly (*Trialeurodes vaporariorum* west.) in Greenhouse and Laboratory Conditions in a Culture of Tomato (*Lycopersicum esculentum*)
García-Mateos, M. R.; Angeles, M. O.; Rodríguez-Pérez, J. E.; Álvarez-Sánchez, M. E.; Soto-Hernández, M. R. | S14.276
- Poster** | Efficiency of *Ovidia andina* Extracts in the Control of the Plant Pathogen *Rhizoctonia solani*
Tito Mansilla, J.; Tarcaya, V.; Cuffré, I.; Fabrizio, M. C.; Wright, E. R.; Broussalis, A.; Rivera, M. C. | S14.277
- Poster** | Soil Biota Management and Agroecological Transition on Lily Farming in Southeast Mexico
Guadarrama-Zugasti, C.; Trejo-Aguilar, D.; Barois, I.; Franco-Navarro, F.; de los Santos, M.; Martínez, E. | S14.278
- Poster** | Influence of Leaf and Rhizome Extract of Bermuda Grass (*Cynodon dactylon* L.) on the Germination and Seedling Growth of Rye Grass cv. Lifloria
Leme, P. C. | S14.279
- Poster** | Studies on *Trichogramma euproctidis* Girault and *Trichogramma evanescens* Westwood, Species Used in Egypt against *Phthorimaea operculella* Zeller in Potato Fields
El Arnaouty, S. A.; Galal, H. H.; Pizzol, J.; Affifi, A. I. | S14.280
- Poster** | Antifungal Activity of Spices Extracts against *Sclerotium rolfsii*
Adesegun, A. E.; Adebayo, S. O.; Akintokun, A. O. | S14.281
- Poster** | The Effect of Calcium Hydroxide Preplant Soil Treatment on Apple Replant Disease
Brown, G. S.; Jennings, D. | S14.282
- Poster** | Sod Culture Management Contributes to Sustainable Fruit Growing through Propagation of Arbuscular Mycorrhizal Fungi and their Helper-Microorganisms, and Decreasing of Agricultural Inputs
Cruz, A. E.; Ishii, T. | S14.283
- Poster** | Optimizing Component Species Proportions in a Cereal-Legume Cover Crop Mixture under Organic Management
Hayden, Z. D.; Ngouajio, M.; Brainard, D. C. | S14.284
- Poster** | Effect of Crop Rotation and Organic Feeding Strategies on Soil Fertility, Growth and Yield of Protected Vegetable Crops: Case of Morocco
Kenny, L.; Abdelhamid, B.; Sbaihat, L.; El Fartas, B.; Calabrese, J. | S14.285
- Poster** | Effectiveness of Soil Solarization and Biofumigation for the Control of Corky Root and Root-Knot Nematode *Meloidogyne* spp. on Tomato
Moura, L.; Queiroz, I.; Mourão, I.; Duclos, J.; Brito, M. | S14.286

Poster | Survival and Genotypic Variation of *Pseudomonas corrugata* and *P. mediterranea* in Response to Soil Solarization and Biofumigation
Moura, L.; Queiroz, I.; Mourão, I.; Brito, M.; Duclos, J. | S14.287

Poster | Resistance to *Tuta absoluta* and *Bemisia argentifolii* Mediated by Different Allelochemicals in Advanced Tomato Lines
Maluf, W. R.; Gomes, L. A. A.; Oliveira, C. M.; Neiva, I. P. | S14.288

WEDNESDAY, 25 AUGUST

15.00–16.30h

Pav. 2

Poster Session 3 POST-HARVEST HANDLING AND FOOD QUALITY / SUSTAINABILITY INDICATORS, ECONOMICS AND TRENDS ON ORGANIC FARMS

Poster | Comparison of the Efficiency and Use of Energy in Organic and Conventional Horticulture
Alonso, A. M.; Guzmán, G. I. | S14.289

Poster | A Holistic Research Project on Innovative Technologies and Products for Organic Fruit Production
Sas Paszt, L.; Malusa, E.; Ciesielska, J. | S14.290

Poster | Life Cycle Assessment of a Sustainable Agriculture System Using Manure for Fertilizer
Gómez-López, M. D.; Bayo, J.; Fagin, A.; Gómez, M.; Estevez, M. D.; Faz, A. | S14.291

Poster | Potentials for Organic Production of Green Beans (*Phaseolus vulgaris* var. *nanus*) in Burkina Faso
Böhme, M. H.; Blaschette, C.; Möke, D. | S14.292

Poster | Consumer Preference for Organic Apple and Strawberry in Skierniewice
Zmarlicki, K. R.; Brzozowski, P. | S14.293

Poster | Production Costs and Profitability of Organic Apple and Strawberry Production in Poland
Brzozowski, P.; Zmarlicki, K. R. | S14.294

Poster | A Survey on Mineral and Heavy Metal Composition of Brazilian Grape Juice, Wine, and Sparkling Wine Produced from Grapes Cultivated under Sustainable Viticulture

Miele, A.; Gianello, C. | S14.295

Poster | Nutritional Quality of Organic Versus Conventional Horticultural Crops
Herencia, J. E.; García-Galavis, P. A.; Ruiz-Dorado, J. A.; Ruiz-Porras, J. C. | S14.296

Poster | *Aloe vera* Use as Preharvest Treatment to Maintain Postharvest Organic Table Grape Quality
Castillo, S.; Navarro, D.; Zapata, P. J.; Guillén, F.; Serrano, M.; Valero, D.; Martínez-Romero, D. | S14.297

Poster | Are Organic Apples Really Healthier?
Nagy, P. T.; Nyéki, J.; Szabó, Z. | S14.298

Poster | Physical and Chemical Characterization of Italian Tomatoes under Organic Crop Management
Mamede, A. M. G. N.; Soares, A. G.; Torres, T. L.; Goncalves, N. B.; Fonseca, M. J. D. O.; Farah, A. F. | S14.299

Poster | Effect of Soil Microorganisms on Vegetable Quality
Dubova, L.; Steinberga, V.; Alsina, I. | S14.300

Poster | Some Internal Quality Properties of White Cabbage from Different Farming Systems
Bavec, M.; Turinek, M.; Mlakar, S. G.; Mikola, N.; Bavec, F. | S14.301

Poster | Comparing the Yield of Three Pepper Cultivars in Two Growing Systems, Organic and Conventional, in Extremadura (Spain)
Daza, C.; Gil, C.; Gutierrez, J. M.; Esteban, A.; Gragera, J. | S14.302

Poster | A Model of Ecocity: Yalova
Besirli, G.; Sonmez, I.; Pezikoglu, F.; Erenoglu, B.; Ergun, M. E.; Erbay, Y.; Andic, T.; Duran, A.; Uhusoy, C. | S14.303

Poster | A Procedure to Convert Fruit Orchard Management from Conventional to Certified Organic Production Methods in Compliance with EU and USDA-NOP Regulations
Bederski, K. L. | S14.304

Poster | Capillary Market: Towards an Alternative Trade Model for Organic Products in Brazil
Cidade Junior, H. A.; Oliver, C. F.; Seifert Junior, R. E. | S14.305

Poster | Yield and Kernel Quality Performances of Five Sweet Corn Hybrids Grown in Conventional and Organic Systems of Agriculture
Ardelean, M.; Cordea, M. I.; Has, V.; Bors, A. | S14.306