Tentative Program

10th International Conference on Agriculture & Horticulture
October 02-04, 2017  London, UK

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***
agri@foodtechconferences.com
# Program at a Glance

## Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
<th>Reception/Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00-09.00</td>
<td>09.00-09.15 Inaugural Address</td>
<td>09.00-09.15</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
<td>Least of 3 Keynote/Plenary Talks</td>
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<tr>
<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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<td>Panel Discussions/Group Photo</td>
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<tr>
<td>11.00-12.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>Coffee/Tea Break 10.45-11.00 (Networking)</td>
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<td>Coffee/Tea Break 15.30-15.45 (Networking)</td>
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<tr>
<td>15.45-17.25</td>
<td>5 Speakers (20 Mins Each)</td>
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</tbody>
</table>

### Morning Sessions

- 09.00-10.40: 5 Speakers (20 Mins Each)
- 10.55-12.35: Keynote/Plenary Talks
- 13.25-15.05: Lunch Break 12.35-13.25
- 15.20-17.00: Coffee/Tea Break 15.05-15.20 (Networking)

### Evening Sessions

- 09.00-10.40: 5 Speakers (20 Mins Each)
- 10.55-12.35: 5 Speakers (20 Mins Each)
- 13.25-15.05: 5 Speakers (20 Mins Each)
- 15.20-17.00: 5 Speakers (20 Mins Each)

## Day 2

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### Morning Sessions

- 09.00-10.40: 5 Speakers (20 Mins Each)
- 10.55-12.35: Coffee/Tea Break 10.40-10.55 (Networking)

### Evening Sessions

- 09.00-10.40: 5 Speakers (20 Mins Each)

## Day 3

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### Morning Sessions

- 09.00-10.40: 5 Speakers (20 Mins Each)

## Awards & Closing Ceremony

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

For more Details visit: [http://agriculture-horticulture.conferenceseries.com/](http://agriculture-horticulture.conferenceseries.com/)  
agri@foodtechconferences.com | agri@foodtechconferences.org
Tentative Scientific Program
3 Days October 02, 03, 04 2017

Opening Ceremony

Introduction

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Title: Research trends in Precision farming
Viktor Balabanov, Russian State Agrarian University, Russian Federation

Title: From Manned to Full Autonomy; Factors Influencing the Development and Adoption of Automated Agricultural Field Machinery
Scott A. Shearer, The Ohio State University, USA

Title: Biodiversity and land use – a comparative approach
Ulrich Zeller, Humboldt-Universität zu Berlin, Germany

Title: The potential impact of the microbiome in future agriculture
Rainer Roche, Scotland’s Rural College, United Kingdom

Title: Global, regional and small-scale drivers of carnivore-livestock conflicts: comparative approaches enhance mitigation strategies
Thomas Göttert, Humboldt-Universität zu Berlin, Germany

Title: Artificial diets for lady beetles using powders from different insect species that are commercially produced
Juan A. Morales-Ramos, U.S. Department of Agriculture, USA

Title: Hey “Ag”… What’s Your Pension Plan?
Raghavan Sampathkumar, Food & Agribusiness Consultant, Singapore

Title: Comparative effects of ethylene inhibitors in agrobacterium mediated transformation of wild watermelon
Malambane Goitseone, Tottori University, Japan

Title: Characterization of volatiles Trogoderma variabile Ballion in different commodities using solid phase micro extraction–gas chromatography mass spectrometry(SPME–GCMS)
Thamer Alshuwaili, Murdoch University, Australia

Title: Non-thermal plasma: new technology for pathogen control and improvement on the quality of soybean seeds
Karina Balestrasse, Fauba, Conicet, Argentina

Title: Effects of Predation on Productivity of Village Poultry under Different Production Systems in Kibaha Town Council
Msaki, D. T, Kibaha Education Centre, Tanzania

Title: Organic fertilizer effect on nutritional elements, total polyphenol and antioxidant content of roselle (Hibiscus sabdariffa L.) leaves
Kit L Chin, Southern University Agricultural Center, USA

Title: Adaptation of Urban Farmers to the Benefits of Urban Dynamics
Michael Tuffour, University of Ghana (UG), Ghana

Title: Social capital and agricultural technology adoption among Ethiopian farmers
Nizam A. Husen, University of Hohenheim, Germany

Title: A Review: The Essence of Milkbutter: Trend and Production Analysis
Wegene Getachew Andabo, Arba Minch University, Ethiopia

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available
Title: Influence of management practices on soil organic matter indicators under kikuyu, ryegrass and clover pasture mixtures
Motsedisi P Phohlo, University of the Free State, South Africa
Title: Association genetics and candidate gene identification for root length and branching in a historical and modern US wheat population
Mohsen Mohammadi, Purdue University, USA
Title: Changing Oil Palm Industry Image Towards Sustainable Future
Siti Khadijah Mohd Rais, Sime Darby Plantation Sdn Bhd, Malaysia
Title: Transition in mechanization of hillside farming for gender and socially inclusive rural development: A case study of agricultural mechanization policy in Nepal
Rachaba Devkota, University of Guelph, Canada
Title: Important soil quality indicators on kikuyu, ryegrass and clover pasture mixtures in sandy soils of the Tsitsikamma
Motsedisi P Phohlo, University of the Free State, South Africa
Title: Full-length sequence and genetic analysis of barley yellow dwarf virus Korean isolates
Ju Young Bae, National Institute of Crop Science, South Korea
Title: Contract Farming in Sustainability of Medicinal Plants
Ann Mary Jones, Amrita vishwa vidhyapeetham university, India
Title: Carbon and Nitrogen release pattern of soil amended with household waste controlled by manipulating composition of waste mixtures
Rangarirayi.Lucia.Mhindu, Midlands State University, Zimbabwe
Title: What this world needs is SMARTER FARMERS
Marc van der Sterren, Farming Africa, The Netherlands
Title: Response of biological stages of Anthocoris nemoralis F. (Hemiptera: Anthocoridae) to different pesticides using Y-tube olfactometer
Baboo ALI, Canakkale Onsekiz Mart University, Turkey
Title: effect of sowing orientation and intercropping on tomato yield and its weeds
Zahid Hussain, The University of Agriculture Peshawar, Pakistan
Title: Climate Uncertainty and Dynamic Adjustment in Agriculture: the case in Cameroon
Martial Bindoumou, Catholic University of Central Africa, Camroon
Title: Development and Evaluation of Iron-fortified Ready to eat Rice Grains
Elizabeth Devi Wahengbam, Queen's University Belfast, UK
Title: Poverty of the Brazilian rural area under the different socioeconomic perceptions
Julcemar Bruno Zilli, UPF Passo Fundo, Brazil
Title: "Current projects of weather engineering and their side effects on the environment, natural resources, agriculture and human health"
Monir M. M. El Husseini, Cairo University, Egypt
Title: Production of upland paddy (var. TRC-87-251) through application of vermicompost under field condition in Tripura, India
GautamBhattacharjee, Swami Vivekananda Mahavidyalaya, India
Title: Food Transfer Receipts as Multi-Spatial Livelihoods among Urban Households in Ghana
Hayford Mensah Ayerakwa, Lund University, Sweden
Title: Sustainable agriculture through vermicomposting technology in India
P. S. Chaudhuri, Tripura University, India
Title: Effect of Accumulated Temperature on the Growth and Development of Tomato Fruits in Flowering Clusters
Ju Young Lee, Center for SFS Con., KIS1, Korea
Title: Tolerance of Castanea sativa cultivars to Dryocosmus kuriphilus
Tiziana Panzavolta, University of Florence, Italy

Title: Management of Insect Pests and a Pollinator, Elaiedobius kamerunicus, of Oil Palm in Malaysia
Idris Abd-Ghani, UKM, Malaysia

Title: Identification and diversity analysis of the four major host-defense peptide families in quail
Kei Hanzawa, Tokyo university of Agriculture, Japan

Title: Impact of Watershed Activities on Rejuvenating of Soil Health and Water Conservation in Karnataka (India)
Divakar M. S., Joint Director of Agriculture, India

Title: Efficacy of priming treatment on germination, development and enzyme activity of Allium cepa L. and Brassica oleracea var capitata.
Rinku V. Patel, Sardar Patel University, India

Title: Accumulation of some pollutants (Malathion and cadmium) and biochemical alterations in muscles of common carp Cyprinus Carpio collected from the river Nile and some Egyptian lakes.
Mohamed Yahya Mohamed, Al-Kanater Al-Khairya Fish Research Station, Egypt

Title: Anti-Lift Protection Method and System for Tractors
Parminder Singh, Mercedes-Benz R&D India Pvt Ltd., India

Title: Rural Youth Transitions to Farming in Ethiopia: Processes and challenges
Getnet Tadele, Addis Ababa University, Ethiopia

Title: Production and Marketing Systems of Food Security Crops in the Sudan: A commodity Approach Analysis
Khansa.O. M. Ibrahim, Ministry of Agriculture and Natural Resources, Sudan

Title: Bio-Resource Complex of Bangalore Transformed Rural Lives: Impact
Jayanta Roy, Animal Resource Development Department, India

Title: Sprayable biodegradable polymer membrane: Effect of viscosity modifiers on soil wicking, barrier performance and physico-mechanical properties
Raju Adhikari, CSIRO Manufacturing, Australia

Title: Minerals Bio-availability in Soil, Water, Forage and Dairy Cattle at High Altitude
Arup Giri, Defence Research and Development Organization, India

Title: Socio-economic Contribution of Community Food Gardens to the Livelihoods of rural households in Lepelle-Nkumpi Local Municipality of Limpopo Province, South Africa.
Malahlela N.D, University of Fort Hare, South Africa

Title: association of arbuscular mycorrhizas in plants: future perspectives of biofertilizer in Bangladesh
Tanzima Yeasmin, University of Rajshahi, Bangladesh

Title: Agricultural technologies in Sub-Saharan Africa: do market inefficiencies matter in adoption?
Abdallah Abdul-Hanan, University for Development Studies, Ghana

Title: Profitability and compatibility of organic rice-based cropping systems
Arnab Roy, ICAR-NDRI, India

Title: Effects of biostimulants along with fertilizers on yield and yield components on Wheat(Triticum aestivum)
Hamed Khosravan, IAU

Title: Pectinase from Bacillus subtilis strain Btk-27: Optimization of cultural conditions and application in coffee processing
Oliyad Jeilu Oumer, Ambo University, Ethiopia

Title: Pantoea ananatis causing grain discoloration is widely distributed in the rice-growing fields of the republic of Korea
Sang-Min Kim, National Institute of Crop Science, South Korea

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available
Title: Reforestation of aleppo pine’s forests in the northern parts of el kef: ecological restoration and economic opportunities
Ayari Hamza, University of Tunis, Tunisia

Title: Beneficial root endophytic fungi change growth and oil composition of sweet basil in heavy metal contaminated soil
Mayada Sabra, Alexandria University, Egypt

Title: The Emerging Role of Insurance in Sustainable Agriculture and Food Security: The Philippine Case
Jo-Dann N. Darong, United Nations Avenue, Philippines

Title: Sex determination in nutmeg (*Myristica fragrans h.*) seedlings using scar primers
Mintah Dadzie Francis, Kwame Nkrumah University of Science and Technology, Ghana

Title: Soil contamination and its effects on rosette (*Hibiscus sabdariffa*) growth affected by organic matter, and associated with Glomus intrarradices
Abdul Khalil Gardezi, Chapingo Autonomous University, Mexico

Title: Significance of drainable and capillary pores in soil moisture behavior in the root zone of agricultural soils of the Nile Delta
Abdelmonem Mohamed Amer, Menoufia University, Egypt

Title: Organic Farming for Sustainable Production of two Atriplex Species in Saline Habitats
Medhat Tawfik, National Research Centre, Dokki, Giza, Egypt

Title: Study on the reaction of Iranian promising eggplant lines to the Fusarium and Verticillium wilt diseases
Ramin Hajianfar, Agricultural Research Education Extension Organization (AREEO)

Title: Emerging Agro Industries and Employment Scenario: Spatial Analysis in India
Ravi Kiran, Jawaharlal Nehru University, India

Title: Growth Response of Plantlets of Plantain (*Musa Pardisiaca*) to In Vitro Propagation Conditions Simulating Photo-periods and Thermo-periods of South Africa.
Oluwaseun B Ogunjobi, University of South Africa

Title: Weed Control Methods in Wheat Fields – Example Diyarbakir
Pala F, University of Siirt, Turkey

Title: Characterization of novel qtls associated with sugarcane smut resistance and yield traits
Zaheer Ahmad Nazar, University of the Punjab

Title: Epigenetic control of leafy heads in Brassica crops
Yuke He, Chinese Academy of Sciences, China

Title: Detection of adulteration and identification of meat and milk species using molecular genetic techniques
Salah Abdel-Rahman, Genetic Engineering and Biotechnology Research Institute, Egypt

Title: Assessment of the impact of climate change on seed cotton production: Case of the Savannah Region, North Togo
Kossivi Mawussi SOVIADAN, University of Lomé, Togo

Title: Seed priming with Selenium improves growth, yield and anti-oxidative machinery in salt-stressed mungbean (*Vigna radiata L.Wilczek*) plants
Simranjeet Kaur, Akal University, India

Title: Determination of nutrient and mineral contents of some selected cowpea lines for better quality trait improvement
Asiwe JAN, University of Limpopo, South Africa

Title: Sustainable Agriculture in Rainfed Area of West Bengal through Hapa Irrigation System
Amartya Pani, Indian Institute of Technology Kharagpur, India
Title: Bio-efficacy, phyto-toxicity & effect on soil physico-chemical and biological properties of Glyphosate 71% SG \textit{(Ammonium Salt)} in Tea \textit{(Camellia sinensis L.)}

Poddar Parthendu, North Bengal Agricultural University, Ethiopia

Title: The study of genetic diversity in Lolium Prenne using molecular markers

Vahid Jajarmi, Islamic Azad University

Title: Drying kinetic simulation of a successive pressure drops dehydration (SPDD) machine.

David Andrés Ramírez González, Universidad Nacional de Colombia, Colombia

Title: Design and Development of a Grain Probe Moisture Meter

Arlene C. Joaquin, Philippine Center for Postharvest Development and Mechanization, Philippine

Title: Fungal endophytes harbored inside Indian medicinal Plant Asparagus racemosus Willd. reveals Aspergillus oryzae and Penicillium sp. as potent antifungal agents

Kanika Chowdhary, IIT Delhi, India

Title: The imbalance between technology and food waste

Neil Hamilton, VP of Business Development, UK

Title: Effect of biostimulants on growth, flowering and seed yield of China aster \textit{(Callistephus chinensis (L.) Nees)}

B Hema Naik, University of Agricultural & Horticultural Sciences, India

Title: Utilisation and development: Biomass analysis for renewable

Abdeen Omer, Energy Research Institute (ERI), United Kingdom

Title: Field response of chrysanthemum \textit{(Dendranthema grandiflora tzvelev)} to phosphorus solubilizing and mobilizing bio inoculants with graded levels of phosphorous

B Hema Naik, University of Agricultural & Horticultural Sciences, India

Title: Econometric Analysis of Determinants of Credit Access and Demand for Small-Holder and Marginal Vegetable Farmers in Southwest region, Cameroon

Yannick F. Djoumessi, University of Dschang, Cameroon

Title: Improving crop and water productivity of onion and potato through the use of wetting front detectors by water user associations in Koga irrigation Scheme, Ethiopia

Banteamlak M. Taye, Bahir Dar University, Bahir Dar, Ethiopia

Title: Hydroxyapatite – Urea Nanohybrids as Efficient Plant Nutrient Systems

Nilwala Kottegoda, University of Sri Jayewardenepura, Sri Lanka

Title: One-step multiplex reverse transcription-polymerase chain reaction for the simultaneous detection for barley virus diseases

Bong Choon Lee, National Institute of Crop Science, South Korea

Title: Characterization of volatiles Trogoderma variabile Ballion in different commodities using solid phase micro extraction–gas chromatography mass spectrometry(SPME–GCMS)

Thamer Alshuwaili, Murdoch University, Australia

Title: Bean varietal diversity for improved smallholder productivity and food security in Nandi County

Hannington Ochieng, Kenya Agricultural & Livestock Research Organization – Kibos Centre, Kenya

Title: Fruit Cultivation in ‘Apple State of India’: Opportunities and Challenges

Kalpna Negi, School of Economics, University of Hyderabad, India

Title: Influence of Two Extraction Methods on Essential Oils of Some Apiaceae family Plants

Mohammed Mohammed, National research Center, Egypt

Title: Effect of Different Organic Sources on Nutrient Status in Rice Based Cropping Sequence

Niladri Paul, College of Agriculture, Tripura, India

Title: Anti-adipogenic effect of Moringa Oleifera leaves extract in porcine bone marrow derived mesenchymal stem cells

Kulisara Marupanthorn, Rajamangala University of Technology, Thailand
Title: Innovative Biodigester Technology Image as Alternative Energy Sources and to Combat Climate Change
Bezabih Yimer Abate, Wollo University, Ethiopia

Title: Comparative Evaluation of Humic acid, Chicken Manure and Cow Manure combinations on selected soil biochemical properties at Different Incubation Periods
Abdelbagi Mohamedelnour, Ankara University, Turkey

Title: Resistance detection to Fusarium oxysporum by microsatellite markers (SSRs) in carnation
Juan Jose Filgueira Duarte, Universidad Militar Nueva Granada, Colombia

Title: Genetic Diversity of Aspergillus flavus and Occurrence of Aflatoxin Contamination in Stored Maize Across Three Agro-Ecological Zones in Kenya
Grace Gachara, Kenyatta University, Kenya

Title: Frost protection in Avocado orchards
Lior Rubinovich, Northern R&D, Israel

Title: Application of Nanotechnology in Agriculture
Muhittin Onur Akça, Ankara University, Turkey

Title: Molecular characterization of cytosolic OASTL switch cysteine and mimosine production in Leucaena leucocephala
Md. Harun-Ur Rashid, University of the Ryukyus, Japan

Title: Molecular regulatory mechanism of isoprene emission in drought stressed tropical tree Ficus septica
Shahanaz Parveen, University of the Ryukyus, Japan

Title: Market evolution of garlic (Allium sativum L.) in Argentina (Ex aequo)
Ana Maria Castagnino, CRESCA-FAA-UNCOPBA, UCA, Argentina

Title: Benefits of Gardens on Human Health and Well-being
Birgit Steininger, University College for Agrarian and Environmental Pedagogy Vienna, Austria

Title: Developing Screening Techniques and Understanding Differences in Physiological Mechanisms Confering Drought Tolerance in Cultivated (Hordeum vulgare L.) and wild (H. spontaneum) Barley Genotypes
Amarah Batool, University of Tasmania, Australia

Title: Exposure Brassinosteroid and Brassinosteroid Mimics Continually Improve Photosynthesis in Rice Subject to Heat Stress
Weerasin Sonjaroon, Kasetsart University, Thailand

Title: Investigation of Green Fruit Yield of Indeterminate Tomato Varieties at Different Locations in Open Field Conditions
Funda Yoldas, Ege University, Turkey

Title: Contributions To Peace and Development of the Agricultural Livelihood Programs of the Department of Agriculture in Central Mindano
Datucan Ali, University-Maguindanao Datu Odin Sinsuat, Philippines

Title: Usefulness of Infra-Red Thermography as a High-Throughput Tool for Rice Heat Tolerant Selection
Giovani Brito, Brazilian Agricultural Research Corporation, Brazil

Title: A Pilot Study of Toxic Elements in Cotton Seeds with Instrumental Neutron Activation Analysis (INAA)
Zaijing Sun, South Carolina State University, USA

Speaker Slots Available
Speaker Slots Available
Speaker Slots Available

Note: Tentative Program has been designed with the projected speakers names and titles, dates for this program are subject to change
Avail Speaker Opportunity: Send us your abstract and biography as soon as possible
Bookmark Your Dates: Agri 2017 during October 02-04 in London, United Kingdom
Email: agri@agriconferences.com / agri@foodtechconferences.com
Conference Highlights

- Agricultural Production Systems
- Agricultural Engineering
- Agriculture & Food Security
- Plant Sciences
- Agriculture Law & Policy
- Agricultural Biotechnology
- Agriculture & Environment
- Agroforestry
- Livestock Farming & Genetic Engineering
- Aqua Farming & Poultry farming
- Fertilizer & Pesticide
- Soil Sciences

- Horticulture
- Rice Research
- Food & Nutrients
- Seed Science and Technology
- Crop Sciences
- Organic Farming
- Agronomy
- Global Warming & Agriculture
- Landscaping and Forest
- Science
- Entrepreneurs Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

For detailed sessions, please visit: http://agriculture-horticulture.conferenceseries.com/
Submit your abstract online at: http://agriculture-horticulture.conferenceseries.com/abstract-submission.php
Register online: http://agriculture-horticulture.conferenceseries.com/registration.php
Glimpses
Plan your Trip to London
Scientific Program

5th International Conference on

Agriculture & Horticulture

June 27-29, 2016   Cape Town, South Africa
**Scientific Program**

**Central 1**

**Opening Ceremony**

**Keynote Forum**

**Introduction**

*Title: A transforming soil water retention technology that eradicates drought and increases crop resilience to changing climates*

**Alvin Smucker, Michigan State University, USA**

*Title: Can novel management practice improves soil and environmental quality and sustains crop yield simultaneously*

**Upendra M Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA**

*Title: Impact of Climate Change on Agriculture: Should we be worried?*

**Mxolisi David Modise, University of South Africa, South Africa**

**Networking & Refreshments Break: @ Foyer**

**Track 1: Global Warming & Agriculture**

**Track 2: Agricultural Biotechnology**

**Track 3: Engineering Inputs in Agriculture**

**Track 4: Soil Sciences**

**Track 5: Agronomy**

**Track 6: Horticulture**

**Track 7: Agriculture & Forestry- Utilization & Potential Applications**

**Track 8: Crop Sciences**

**Session Introduction**

**Session Chair: Alvin Smucker, Michigan State University, USA**

**Session Co-Chair: Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA**

*Title: Food security through plant health management*

**Mahendra P Srivastava, CCS Haryana Agricultural University, India**

*Title: PGPR-ASDE-Plant growth promoting Rhizobacteria as alleviators for soil degradation*

**Metin Turan, Yeditepe University, Turkey**

*Title: Adaptation measures initiated due to climate change in southern India*

**Jagadeeshwara K, University of Agricultural Sciences, India**

*Title: Tissue Culture: A Boon for Agriculture*

**Shubhangi Salokhe, Symbiosis Institute of International Business, India**

*Title: Climate change status in mutale local municipality: A case study of smallholder farmers in Vhembe district, Limpopo province.*

**Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria**

*Title: Agrohomeopathy: New practice in Agriculture from seed germination to field trial*

**Sandhimita Mondal, Techno India University, India**

**Session Introduction**

**Networking & Refreshments Break: @ Foyer**

**Lunch Break @ Foyer**

*Title: The effects of harvesting methods of Shea fruit (Vitellaria paradoxa) on chemical and physical properties of Shea butter*

**Vadlya T Tame, Modibbo Adama University of Technology, Nigeria**

*Title: Factors enhancing market participation: A case of small holder farmers in Zululand district, KwaZulu Natal in South Africa*

**Phokele Maponya, Agricultural Research Council, South Africa**

*Title: Evaluation of neem seed and ginger rhizome extracts in control of postharvest tuber rot fungi of Irish potato in Yola*

**Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria**

*Title: Assessing the host range of Dodder (Cuscuta campestris Yunck) among crops in Adamawa State, Nigeria*

**Aliyu Bawor Mustapha, Modibbo Adama University of Technology, Nigeria**

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*Title: Agrohomeopathy: New practice in Agriculture from seed germination to field trial*

**Sandhimita Mondal, Techno India University, India**
Networking & Refreshments Break: @ Foyer

Day 2                June 28, 2016
Central 1

Keynote Talk

Title: Proposal of Regulations for Pot-Honey produced by four genera of Meliponini bees: Geotrigona, Melipona, Scaptotrigona, Tetragonisca in Ecuador
Patricia Vit, Universidad de Los Andes, Venezuela

Title: Enhanced tolerance of horticultural plants to abiotic and biotic stresses by silicon
Byoung Ryong Jeong, Gyeongsang National University, South Korea

Networking & Refreshments Break: @ Foyer

Track 9: Crop Protection & Awareness
Track 10: Agriculture Law & Policy
Track 11: Organic Agriculture
Track 12: Agricultural Extension & Sustaining Practices
Track 13: Livestock Farming & Genetic Engineering

Session Introduction

Session Chair: Byoung Ryong Jeong, Gyeongsang National University, South Korea
Session Co-Chair: Fhatuwani N Mudau, University of South Africa

Title: Pesticides in management of plant diseases: Public perception and ground realities
Mahendra P Srivastava, CCS Haryana Agricultural University, India

Title: Particulate and active soil nitrogen fractions in response to sheep grazing in dryland cropping systems
Upendra Sainju, Northern Plains Agricultural Research Laboratory- USDA, USA

Title: Comparative analysis and Up-scaling of integrated farming systems among resource poor farmers in peninsular India
Jagadeeshwar K, University of Agricultural Sciences, India

Title: Agricultural policies and food system transformation: has post-apartheid South Africa done better?
Sunday Yiseyon Hosu, University of Fort Hare, South Africa

Title: Physiological and proteomic analyses in graft junction reveal novel insight into mechanisms involved in adaptation to different day/night temperature regimes in two tomato cultivars
Byoung Ryong Jeong, Gyeongsang National University, South Korea

Title: Identification and description of some common ornamental plant species at Ahmadu bello University Zaria, Nigeria
Sani Yusuf Ahmad, Ahmadu Bello University, Nigeria

Title: Influence of growth stage harvest on the quality of baby spinach during postharvest storage
Fhatuwani N Mudau, University of South Africa, South Africa

Young Researcher Forum

Judge 1: Mahendra P Srivastava, CCS Haryana Agricultural University, India
Judge 2: Patricia Vit, Universidad de Los Andes, Venezuela

Title: Does the modified atmosphere packaging (MAP) extend quality of baby spinach leaves on postharvest shelf life?
Ambani Richardo Mudau, University of South Africa, South Africa

Title: Bio Humic Application Effects on Soil Degredation
Nurgul Kitir, Yeditepe University, Turkey

Title: Irrigation water management and food security
Ransford Opoku Darko, Jiangsu University, China

Lunch Break @ Foyer

Title: Characterization of Monsonia burkeana leaf transcriptome
Adugna A Woldesemayat, University of South Africa, South Africa

Title: Ethyl methyl sulfonate (EMS) induced herbicide resistance in in vitro derived rice (Oryza sativa L.) calli
Manaka Makgato, Agricultural Research Council, South Africa

Title: Variation in antioxidant activity and soluble sugars of Wild ginger (Siphonochilus aethiopicus L.) in response to water and nitrogen levels
Ngoakoana Salmina Makgehle, Agricultural Research Council, South Africa

Title: Development and performance testing of a passive vegetable dryer with movable heat storage system
Jacob Liberty, Federal University, Nigeria

AH - 001          Title: Elucidation of the biochemical and functional properties of an unknown novel protein from Arabidopsis thaliana
Katlego Sehlabane Abotseng, Northwest University, South Africa

Networking & Refreshments Break: @ Foyer
AH - 002  Title: Ovine herpesvirus 2 (OvHV-2), is the causative agent of sheep-associated malignant catarrhal fever
   Fulufhelo Amanda Doboro, Agricultural Research Council, South Africa

AH - 003  Title: Study on reaction of late and moderately maturing maize hybrids and lines to Fusarium ear rot in Iran
   Majid Zamani, Seed and Plant Improvement Institute, Iran

AH - 004  Title: Subsequent effects of vermicomposts from kitchen biowaste on properties of soil and plants
   Ales Hanc, University of Life Sciences, Czech Republic

AH - 005  Title: Working conditions and health of workers in Ethiopian flower farms
   Vegard Mjelde Hanssen, University of Bergen, Norway

AH - 006  Title: A Comparison of post-emergence applications of herbicides for control of weeds In Kenyan sugarcane fields
   Riungu Ginson, KALRO-SRI, Kenya

AH - 007  Title: Influence of different oyster mushroom (Pleurotus ostreatus) substrates on the establishment and growth
   of three selected vegetables
   Zuziwe Elander Nkosi, Agricultural Research Council, South Africa

AH - 008  Title: Combining ability for grain yield and physiological maturity in early generation Inbred lines of Maize
   Zibandeh Dehghanpour, Seed and Plant Improvement Institute, Iran

AH - 009  Title: Effects of various hormonal treated plant substrates and their influence on the Pleurotus ostreatus
   development in the semi-arid regions
   Sydwell M Sihlangu, Agricultural Research Council, South Africa
Scientific Program

4th International Conference on
Agriculture & Horticulture

July 13-15, 2015    Beijing, China
Opening Ceremony

Keynote Forum

**Introduction**

**Andy Renz**
Benson Hill Biosystems Inc., USA

**Ming Xu**
Chinese Academy of Sciences, China

Session Chair: Nasir S A Malik, United States Department of Agriculture, USA
Session Co-chair: Abdul Khalil Gardezi, Postgraduate College, Mexico

**Title:** The role of arbuscular fungi on crop quality  
Nasir S A Malik, United States Department of Agriculture, USA

**Title:** Effect of endomycorrhiza (Glomus intraradices) and organic matter on cactus pear (Opuntia albicarpa) growth in two soil types  
Abdul Khalil Gardezi, Postgraduate College, Mexico

**Title:** Farmers' perspective on soil health in the Indian Punjab: A quantitative analysis of major soil parameters  
Sukhwinder Singh, United Kingdom

Lunch Break @ Easy Kitchen

**Ruizong Jia**, Chinese Academy of Tropical Agriculture Sciences, China

**Title:** The rapid response of agricultural biosafety via modern mass spectrometry-based microorganism identification technology

**C Sudha Rani**, Prof. JayashankarTelangana State Agricultural University, India

**Title:** Integrated nutrient management in summer sesamum

**Kandi Prakash Vani**, Prof. Jayashankar Telangana State Agriculture University, India

**Title:** The case study and the law regulations of opiate concentrations in the seeds and urine after ingestion of poppy seeds from free market v.s. rare genotypes grown under temperate climate

**Franc Bavec**, University of Maribor, Slovenia

**Title:** Response of currently popular sorghum varieties to climate change in South India: DSSAT model analysis

**Raveendra H Patil**, University of Agricultural Sciences, India

**Title:** Prolonged effects of irrigation with low quality water on soil biological characteristics

**Mohamed Saber Ismaeil**, National Research Centre, Egypt

**Title:** Bio-fortification of rice grain - A case study in Sarawak using calcium silicate and organic fertilizer

**Maclin Dayod**, Agriculture Research Centre Semongok, Malaysia

Networking & Refreshments Break @ Foyer

**Title:** The effect of post-harvest storage and time on the quality of baby spinach

**Fhatuwani Mudau N**, University of South Africa, South Africa

**Title:** Influence of nitrogen supply on photosynthesis, chlorophyll content and yield of improved rice varieties under upland conditions

**Phoebe Sikuku**, Maseno University, Kenya
Title: Mapping, identification, and validation of novel yield-enhancing QTLs from O. longistaminata
A. Chev et Roehr
Balram Marathi, Prof. Jayashankar Telangana State Agricultural University, India

Title: Effect of mechanical and chemical scarification on germination of dodder (Cuscuta campestris Yunck.) seed
Aliyu Mustapha Bawuro, Modibbo Adama University of Technology, Nigeria

Title: Trickle irrigation enhances rabi castor yield and water use efficiency
A V Ramanjaneyulu, Prof. Jayashankar Telangana State Agricultural University, India

Panel Discussions
Session Adjournment

Day 2       July 14, 2015
Cedar Tree Room

Track 2: Horticulture, Floriculture & Forestry
Track 6: Crop Protection and Management
Track 7: Spices, Herbs and Medicinal Plants
Track 8: Tissue Culture and Plant Biotechnology
Track 9: Agricultural Engineering and Technology

Session Chair: Andy Renz, Benson Hill Biosystems Inc., USA
Session Co-chair: Fhatuwani Mudau N, University of South Africa, South Africa

Session Introduction

Title: Entomopathogenic fungi as holistic tools in crop production and protection
Surendra Dara, University of California Cooperative Extension, USA

Title: Increased crop yield through improved photosynthesis
Andy Renz, Benson Hill Biosystems Inc., USA

Title: Climate smart cropping systems
Bolla Joseph, Prof. Jayashankar Telangana State Agricultural University, India

Networking & Refreshments Break @ Foyer

Title: Response of physiological and biomass production of baby spinach (Spinacia oleracea L) leafy vegetable to nitrogen, phosphorus and potassium nutrition
Fhatujuwi Madau N, University of South Africa, South Africa

Title: Wheat stem rust and climatic changes in Egypt during the last five years
Mohamed Abdelkader, Plant Pathology Research Institute, Egypt

Title: Studies on Amla and Terminalia based agri-horticultural system intercropped with Aswagandha
A Madhavi Lata, Prof. Jayashankar Telangana State Agricultural University, India

Title: The impact of phosphorus fertilizers on heavy metals content of soils and vegetables grown on selected farms in Jordan
Asad Alkhader, National Center for Agricultural Research and Extension, Jordan

Title: In vitro propagation studies in vanilla (Vanilla planifolia Andr.)
Satish Pattil, University of Agricultural Sciences, India

Title: Optimization of mechanical cacao shelling parameters using unroasted cocoa beans
Jeffrey Lavarias, Central Luzon State University, Philippines

Lunch Break @ Easy Kitchen

Title: Graft compatibility between Solanum lasiocarpum and Solanum torvum - as a potential tool to mitigate soil-borne diseases in Sarawak
Maclin Dayod, Agriculture Research Centre Semongok, Malaysia

Title: A survey report on application of pesticides on tomato (Lycopersicon esculantum) in Bishnupur district, a major commercial vegetable producing area in Manipur, India
Ningthoujam Shovarani, Krishi Vigyan Kendra, India

Title: Nematicidal potential of extracts from some selected plants against the root-knot nematode, Meloidogyne incognita
Bukola Aminu-Taiwo, National Horticultural Research Institute, Nigeria

Title: Influence of post-harvest storage temperature and duration on quality of baby spinach
Ambani Richardo Madau, University of South Africa, South Africa

Title: Effect of some environmental factors on incidence and severity of angular leafspot of cotton in Yola and Mubi, Adamawa state, Nigeria
Hycenth Nahunnaro, Modibbo Adama University of Technology, Nigeria

Title: Computational analysis and mining of physiochemical information for seed spices
Geetika Jethra, National Research Centre of Seed Spices, India

Networking & Refreshments Break @ Foyer
Title: Association analysis of major nutrient and secondary nutrient status of leaves of selected castor genotypes and growth indices of Eri Silkworm
S Chandra Shekhar, University of Agricultural Sciences, India

Title: Application of cloud computing in agriculture sector
Rishabh Goel, Indian Agricultural Statistical Research Institute, India

Title: Bio-fumigation in the management of stem and pod rot of groundnut caused by Sclerotium rolfsii (Sacc.)
Gali Uma Devi, Prof. Jayashankar Telangana State Agricultural University, India

Title: Spectral simulation and remote sensing method of agricultural information - Application of south China in agriculture and litchi orchard
Shui-sen Chen, Guangzhou Institute of Geography, China

Title: Influence of planting geometry and number seeds per hill on performance of pole bean grown under different protected growing conditions
Mallikarjun Biradar, University of Agricultural Sciences, India

Panel Discussions

Posters Program

Cedar Tree Room

Session Adjournment

Day 3

July 15, 2015

Cedar Tree Room

Track 3: Agricultural Extension
Track 10: Agricultural Risk Management
Track 11: Sustainable Practices for Agriculture
Track 12: Agricultural Economics and Agribusiness

Session Chair: Milingoni Peter Tshisikhawe, University of Venda, South Africa
Session Co-chair: S Chandra Shekhar, University of Agricultural Sciences, India

Session Introduction

Title: Enhancing the entrepreneurial capabilities of small and marginal farmers through extension interventions
J P Sharma, Indian Agricultural Research Institute, India

Title: Financing organic farming activities among vegetable farmers in Onitsha agricultural zone of Anambra state, Nigeria
Ugbajah Mary Jane O, Anambra State University, Nigeria

Title: Economics of castor seed and Eri cocoon production with selected castor genotypes
S Chandra Shekhar, University of Agricultural Sciences, India

Networking & Refreshments Break @ Foyer

Title: Screening for new sources of angular leaf spot resistance in common bean
Gabriel Ddamulira, National Crops Resources Research Institute, Uganda

Title: Ethnobotanical profile of indigenous tree species protected within agricultural farming system
Milingoni Peter Tshisikhawe, University of Venda, South Africa

Title: The ethnobotanical review of plant used in sustenance of livelihood by Vhavenda people of Limpopo province, South Africa
Khathutshelo Magwede, University of Venda, South Africa

Title: Public extension agents’ need for new competencies: Evidence from Limpopo province, South Africa
David B Afful, University of Limpopo, South Africa

Title: Assessment of knowledge level of tribal farmers regarding scientific animal husbandry practices of Madhya Pradesh
Ruchi Singh, Nanaji Deshmukh Pashu-Chikitsa Vigya Vishwavidyalaya, India

Title: Influence of heating time of Shea nuts (Vitellaria paradoxa) on some chemical properties of Shea butter
Vadlya T Tame, Modibbo Adama University of Technology, Nigeria

Panel Discussions

Awards Ceremony & Closing Remarks

Session Adjournment

Lunch Break @ Easy Kitchen

Posters Program

AH-01
Title: How innovations in agricultural sector could help small and medium-sized enterprises to face a policy evolution?
Camille Aouinaït, Switzerland

AH-02
Title: Transitions towards sustainable development in rural areas: Transition management insights from Bulgaria
Mira Alyakova, University of National and World Economy, Bulgaria
AH- 03 Title: Effect of some amino acids, precursors, and light conditions on callus growth and silymarin content of *Silybum marianum* L.  
Nabil Mohamed Toaima, Al-Azhar University, Egypt

AH- 04 Title: The chemical assessment of seed essence of two native medicinal plants of the Yazd province (*Bunium premium*), *Cuminum cyminum*) and the comparison of their antioxidant properties  
Maryam Azhdari, Shahid Sadoughi University of Medical Sciences, Iran

AH- 05 Title: Single window system (reaching the unreached)  
Shivanand Kumatagi, Mahatma Phule Krishi Vidyapith, India

AH- 06 Title: *Study of Danaua chrysippus* & its conservation  
Prasad Deshmukh, Mahatma Phule Krishi Vidyapith, India

AH- 07 Title: Effect of depodding ratio on occurrence of soybean green stem syndrome and seed weight change  
Jin-Woo Bae, National Institute of Crop Science, Republic of Korea

AH- 08 Title: Economic analysis of the effects of conservation land to provide food and feed in dry land farming on the Island east  
Helena da Silva, East Nusa Tenggara Assessment Institute for Agricultural Technology, Indonesia

AH- 09 Title: Impact of cooperative societies on cassava production in Offa local government area, Kwara state, Nigeria  
Ibrahim Tomo K, Kebbi State University of Science and Technology, Nigeria

AH- 10 Title: Oscillatory processes of water and mineral metabolism of plants cultivated on thin-layer juvenile analogues of soil  
Vladimir K Mukhomorov, Agrophysical Institute, Russia

AH- 11 Title: Impact of climate change on agriculture sector in Egypt and China  
Zakaria Abdalla, National Research Centre, Egypt

AH- 12 Title: Environmental aspects in agriculture  
M Ya Burlev, All-Russian Scientific Research Institute, Russia

AH- 13 Title: Effect of maize - cowpea intercropping on light interception, yield and land use efficiency  
Mostafa Abd El-Salam, National Research Centre, Egypt

AH- 14 Title: A survey of underutilized economic tree species in Aliero environs, Nigeria  
Mansur Muhammad A, Kebbi State University of Science and Technology, Nigeria

AH- 15 Title: Effect of organic manure application on apple productivity and chemical composition of leaves, fruits under sandy calcareous soil conditions  
Aml Yousef, National Research Centre, Egypt

AH- 16 Title: Breeding programs for locally developed hybrid rice and present scenario in Bangladesh  
Afsana Ansari, Chinese Academy of Agricultural Sciences, China

AH- 17 Title: Adaptability, variability, heritability genotypic and phenotypic coefficient of variability among Acha accessions from north eastern Nigeria  
Umar Muhammad Buba, Abubakar Tafawa Balewa University, Nigeria

AH- 18 Title: Genetic diversity of the cactus pear (*Opuntia spp*) in Morocco as revealed by morphological descriptors and molecular markers  
Youssef El Kharrassi, Université Hassan I, Morocco

AH- 19 Title: Heterosis and combining ability studies for yield and yield contributing traits in chilli (*Capsicum annuum* L.)  
Prafulla Gawande, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, India

AH- 20 Title: Prolonged effects of irrigation with low quality water on soil biological characteristics  
Mohamed Saber Ismaeil, National Research Centre, Egypt

AH- 21 Title: Isolation of alfalfa mosaic virus from four pepper cultivar in Riyadh K.S.A using RAPD-PCR technique  
Jehan Saud Al –Abrahaim, Princess Nora Bent Abdul-Rahman University, Saudi Arabia

AH- 22 Title: Growth and yield of turmeric (*Curcumin longa*) as influenced by organic manure sources in Obubra, southeastern Nigeria  
Thomas Ojikpong, Cross River University of Technology, Nigeria

AH- 23 Title: Efficacy of different species of earthworms in production of vermi-compost using sericulture waste  
S ChandraShekhar, University of Agricultural Sciences, India

AH- 24 Title: Response of spine gourd genotypes (*Momordica dioica* Roxb.) to micropropagation  
Shrinivas Jadhav, Sardarkrushinagar Dantiwada Agricultural University, India
AH- 25
Title: Flavonoids, essential oil and its constituents of Anethum graveolens L. herb affected by nitrogen and bio-fertilizers
Hussein Said-Al Ahl, National Research Centre, Egypt

AH- 26
Title: Using MODIS data for predicting regional yield of maize and soybean
Ho-Young Ban, Seoul National University, Republic of Korea

AH- 27
Title: Responses of spikelet fertility to air, spikelet, and panicle temperatures and vapor pressure deficit in rice
Woo-Sung Jung, Seoul National University, Republic of Korea

AH- 28
Title: Genotypic difference in grain filling response to air temperature during reproductive stage of rice
Kyu-Jong Lee, Seoul National University, Republic of Korea