



7th International Horticulture Conference 2023

Sustainable Horticulture
Challenges, Innovations and Adaptations
February 23-25, 2023



CONFERENCE PROGRAM

Inaugural Session: Thursday, 23rd February, 2023

Main Hall (Canopy)

Zoom Link

<https://us06web.zoom.us/j/87425182418?pwd=NWg1NjlQcklYjJRYnV0elpKVHBBHQT09>

Meeting ID: 874 2518 2418

Passcode: 022593

Time	Activity
09:30 am -10:00 am	Registration and Seating of the Participants
10:00 am- 10:10 am	Recitation with Translation
10:10 am- 10:20 am	Na'at
10:20 am- 10:40 am	Welcome Address Prof. Dr. Asif Ali (TI) Vice Chancellor MNS University of Agriculture, Multan
10:40 am- 10:55 am	Opening of Conference (Conference Overview) Dr. Tanveer Ahmad Chairman, Department of Horticulture, MNSUAM (Convener, Conference/President Pakistan Society for Horticultural Science)
10:55 am- 11:40 am	Keynote Speaker Prof. Dr. Ghulam Sarwar Markhand Meritorious Professor Date Palm Research Institute Shah Abdul Latif University, Khairpur, Sindh, Pakistan.
11:40 am- 12:00 pm	Address of Chief Guest Prof. Dr. Iqbal A. Khan (SI) Vice Chancellor, University of Agriculture, Faisalabad
12:00 pm- 12:10 pm	Vote of Thanks Prof. Dr. Shafqat Saeed Dean Faculty of Agriculture & Environmental Sciences MNS University of Agriculture, Multan
Lunch and Prayer Break 12:30 pm to 01:30 pm	

Technical Session-I: Main Hall (Canopy)

Breeding and Genetics for Crop Improvement

Thursday, 23rd February, 2023

Chair: Prof. Dr Jafar Jaskani, Director ORIC, UAF

Co-chair: Prof. M. Hammad Nadeem Tahir, Director, IPBB, MNS-UAM

Moderator: Dr. Kashif Razzaq, Associate Professor, MNS-UAM

Zoom Link

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Meeting ID: 874 2518 2418

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Time	Activity
01:30 pm -01:50 pm	Dr Arif Atak Bursa Uludag University Bursa, Turkiye Vice-chair Division of Vine and Berry Fruits (ISHS) <i>Effect of Global Climate Change on Table Grape Cultivation</i>
01:50 pm -02:10 pm	Online presentation Dr. Yongfeng Zhou Agricultural Genomics Institute at Shenzan Chinese Academy of Agricultural Sciences, China <i>Population Genomics and Breeding of Grapevine</i>
02:10 pm- 02:25 pm	Dr. Muhammad Usman Institute of Horticultural Sciences, University of Agriculture, Faisalabad-Pakistan <i>'Prospects of Mutation Breeding in Crop Improvement: A Citrus Outlook'</i>





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02:25pm- 02:40 pm	Dr. Muhammad Khalil-Ur-Rehman Department of Horticultural Sciences, The Islamia University of Bahawalpur <i>Utilization of Biotechnological Tools for the Improvement of Arid Fruit Crops</i>
02:40 pm- 02:35 pm	Dr. Tahira Jatt Department of Botany, Shah Abdul Latif University, Khairpur, Sindh, Pakistan. <i>Genome Size Variations among different Date Palm Cultivars (Phoenix dactylifera L.) by Flow Cytometry</i>
02:35 pm- 02:50 pm	Dr. Wang Li (Online presentation) College of Horticulture Hebei Agricultural University, China <i>Molecular Basis of Seedlessness in Grapes</i>
02:50 pm- 03:05 pm	Dr. Shujaul Mulk Khan Department of Plant Sciences, Quaid-i-Azam University Islamabad <i>Climate Smart Horticulture via promoting Grapes Cultivation in Pakistan</i>
02:50 pm- 03:05 pm	Dr. Muhammad Abu Bakar Saddique Institute of Plant Breeding and Biotechnology, MNS University of Agriculture Multan <i>'Genome-wide Characterization and Expression analysis of GGPPS Gene Family in Spinach (Spinacia oleracea L.)'</i>
Tea Break 03:05 pm to 03:20 pm	

Technical Session-II: Room 110

Floriculture and Landscape

Thursday, 23rd February, 2023

Chair: Prof. Dr. Amir Nawaz, Chairman, Department of Horticulture, BZU, Multan

Co-chair: Dr. Rana Mazhar Abbas, Associate Professor, UoK, Karachi

Moderator: Mr. M. Usman Khan, Lecturer, MNS-UAM

Zoom Link

<https://us02web.zoom.us/j/83968891082?pwd=ZmJicHovOFpQRjRuaFBGZFRRMlFkZz09>

Meeting ID: 839 6889 1082

Passcode: 007165

Time	Activity
01:30 pm -01:45 pm	Dr. Iftikhar Ahmad Institute of Horticultural Sciences, University of Agriculture, Faisalabad-38040, Pakistan <i>Modern Floricultural Technologies & Opportunities for South Punjab, Pakistan</i>
01:45 pm -02:00 pm	Prof. Dr. Bushra Sadia Center of Agricultural Biochemistry and Biotechnology (CABB) <i>Establishment of Proficient in vitro Regeneration System for Night Jasmine (Nyctanthes arbortistis L.)</i>
02:00 pm- 02:25 pm	Online presentation Dr. Margherita Beruto Regional Institute for Floriculture, Italy Chair, Division of Ornamental Horticulture (ISHS) <i>Ornamental Horticulture Industry: Challenges and Opportunities</i>
02:25 pm- 02:40 pm	Dr. Kashif Waseem Department of Horticulture, Faculty of Agriculture, Gomal University, D.I. Khan, Pakistan. <i>'In Vitro Regeneration of Chrysanthemum (Dendranthema morifolium L.) as influenced by Plant Growth Regulators'</i>
02:40 pm- 02:55 pm	Ms. Ayesha Jabeen Institute of Horticultural Sciences, University of Agriculture, Faisalabad0, Pakistan <i>Standardization of Postharvest Handling Protocols for Cut Celosia Stems</i>
02:55 pm- 03:10 pm	Ms. Hifsa Safdar Institute of Horticultural Sciences, University of Agriculture, Faisalabad <i>Cut Helianthus annuus- A New Promising Specially Cut Flower for Pakistan Markets</i>
Tea Break 03:10 pm to 03:25 pm	





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Technical Session-III: Room 132

Olericulture

Thursday, 23rd February, 2023

Chair: Prof. Muhammad Azam Khan, Chairman, Department of Horticulture, PMAS Arid Agriculture University, Rawalpindi

Co-chair: Dr. Shujaul Mulk Khan, Department of Plant Sciences, Quaid-i-Azam University, Islamabad

Moderator: Dr. Hafiz Nazar Faried, MNS-UAM

Time	Activity
01:30 pm -01:45 pm	Dr. Anam Noor Department of Horticulture, Faculty of Agricultural Sciences & Technology, Bahauddin Zakariya University, Multan 60800, Pakistan <i>Effect of Different Packaging Materials on Seed Quality of Onion (Allium cepa L.) during Storage Period</i>
01:45 pm -01:50 pm	Dr. Sakeena Tul-Ain Haider Department of Horticulture, Bahauddin Zakariya University Multan, Pakistan <i>Effects of Different Growth Hormone Combinations for Rapid in vitro Plant Regeneration of Tomato Plant</i>
01:50 pm- 02:05 pm	Dr. Fareeha Shireen Institute of Horticultural Sciences, University of Agriculture, Faisalabad, Pakistan <i>Wild Watermelon Rootstock Improves Watermelon Growth by Enhancing Boron Uptake Under Low Boron Conditions</i>
02:05pm- 02:20 pm	Dr. Osama Bin Abdul Hafeez UAF Subcampus Burewala <i>Effect of Irrigation methods, Silicon application and Mulching on the Onion growth and Productivity</i>
02:20 pm- 02:35 pm	Mr. M. Anwar Ul Haq Department of Horticulture, Bahauddin Zakariya University, Multan <i>Integrated Use of Bacillus sp. and Phosphorus Fertilizer to Increase the Okra Crop Performance under Calcareous Soil</i>
02:35 pm- 02:50 pm	Mr. Safeer ud Din Department of Horticulture, University of Agriculture Faisalabad. Sub-campus Depalpur, Okara Pakistan <i>Varietal diversification of various potato genotypes under agro-climatic condition of Okara district, Pakistan</i>
02:50 pm- 03:05 pm	Mr. Moazzam Anees Lecturer, Department of Horticulture University of Punjab, Lahore <i>Impact of zinc and iron coated urea on nitrogen use efficiency of spinach (Spinacia oleraceae)</i>
Tea Break 03:05 pm to 03:20 pm	

Technical Session-IV: Sybrid Room Block A

Horticultural Crop Production and Management

Thursday, 23rd February, 2023

Chair: Dr. Khurram Ziaf, Associate Professor, Institute of Horticultural Sciences, UAF

Co-chair: Dr. Raheel Anwar, Associate Professor, Institute of Horticultural Sciences, UAF

Moderator: Ms. Shafa Nayab, MNS-UAM

Time	Activity
01:30 pm -01:45 pm	Mr. Muhammad Adnan Sadique National University of Sciences & Technology, Islamabad, Pakistan <i>Pre-harvest Spray of Boron (B), Zinc (Zn), and Potassium Nitrate (KNO₃) to Improve the Fruit Quality of Guava cv. Gola</i>



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01:45 pm -02:00 pm	Dr. Hasan Sardar Department of Horticulture, Faculty of Agricultural Sciences and Technology, Bahauddin Zakariya University, Multan, Pakistan <i>Effect of Melatonin on Growth, Yield, Physiological and Biochemical Properties of Broccoli (Brassica oleracea L.) under Salt Stress</i>
02:00 pm- 02:15 pm	Dr. Muhammad Azher Nawaz Department of Horticulture, College of Agriculture, University of Sargodha, <i>Development of Vegetable Grafting Technology in Pakistan; Some Recent Research Outcomes</i>
02:15pm- 02:30 pm	Dr. Muhammad Shafique UAF Sub Campus Burewala <i>Effect of Growing Media on the Growth, Yield and Quality of Containerized Chili (Capsicum annum L) Production Supplemented with K₂SO₄ Foliar Application</i>
02:05pm- 02:20 pm	Dr. Nida Firdous Department of Food Science and Technology, MNS University of Agriculture, Multan. <i>Application of Aloe-vera Gel Based Edible Coating to Maintain Postharvest Quality of Tomatoes</i>
02:30 pm- 02:45 pm	Dr. Muhammad Ahsan Qureshi Department of Horticulture, College of Agriculture, University of Sargodha, Pakistan <i>Endogenous Growth Hormones and Leaf Gas Exchange Parameters of Kinnow Mandarin Influenced by Different Rootstocks</i>
02:35 pm- 02:50 pm	Dr. Mehdi Maqbool Assistant Professor, Department of Horticulture, University of Poonch, Rawalakot <i>Achieving Sustainable Nutrition With Research Value Chain Approach Under Changing Climatic Scenarios</i>
02:50 pm- 03:05 pm	Dr. Naseem Sharif Horticultural Research Institute, Ayub Agricultural Research Institute, Faisalabad, <i>Morphological and Biochemical Diversity among Fifteen Jujube Cultivars of Sindh Province, Pakistan</i>
Tea Break 03:05 pm to 03:20 pm	

Technical Session-V: Main Hall (Canopy)

Postharvest Handling and Management

Thursday, 23rd February, 2023

Chair: Prof. Dr Ahmad Sattar Khan, Director, Institute of Horticultural Sciences, UAF

Co-chair: Dr. Shaghef Ijaz, Department of Horticulture, BZU, Multan

Moderator: Dr Sami Ullah, MNS-UAM

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Passcode: 022593

Time	Activity
03:20 pm -03:45 pm	Online presentation Prof Dr. Zora Singh Edith Cowan University, Western Australia Vice-chair Division Tropical and Subtropical Fruit and Nuts <i>Future Drivers of Horticulture and Ensuring Global Food and Nutritional Security</i>
03:45 pm- 04:05 pm	Prof. Dr. Giancarlo Colleli Department of Science of Agriculture, Food, Natural resources and Engineering, University of Foggia, Italy Chair, Division Postharvest and Quality Assurance (ISHS) <i>Trends in Postharvest Handling of Fresh Fruit and Vegetable</i>





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04:05 pm- 04:20 pm	Online presentation Dr. Dalong Guao Henan University of Science and Technology, China <i>'Folic acid delays postharvest quality deterioration of table grape'</i>
04:20 pm- 04:35pm	Prof. Dr Ahmad Sattar Khan Institute of Horticultural Sciences, University of Agriculture, Faisalabad, Pakistan <i>Recent Advances in Postharvest Management of Litchi Fruit: An Overview</i>
04:35 pm- 04:50 pm	Dr. Raheel Anwar Institute of Horticultural Sciences, University of Agriculture, Faisalabad, Pakistan <i>Pre- and Postharvest Practices Improving Productivity and Storability of Strawberry Fruit</i>
04:50 pm- 05:05 pm	Dr. Ghulam Khaliq Faculty of Agriculture, Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Balochistan, Pakistan <i>Exogenous Melatonin Enhances Defence System and Maintains Quality of Apple Fruit during Storage</i>
05:05 pm- 05:20 pm	Online Presentation Dr. Xiaoyang Zhu South China Agricultural University, China <i>The Postharvest Regulation of Chilling Injury in Banana Fruit and the Possible Mechanism of Ripening Disorder Formation</i>
Prayer Break and Poster Evaluation 05:20 pm to 05:30 pm	

Technical Session-VI: Room 110

Plant Protection and Stress Management

Thursday, 23rd February, 2023

Chair: Prof. Dr. Shafqat Saeed, Dean Faculty of Agriculture and Environmental Sciences, MNS-UAM

Co-chair: Prof. Dr. M. Ashfaq, Director Institute of Plant Protection, MNS-UAM

Moderator: Dr. Gulzar Akhtar, MNS-UAM

Zoom Link

<https://us02web.zoom.us/j/83968891082?pwd=ZmJicHovOFpQRjRuaFBGZFRRMlFkZz09>

Meeting ID: 839 6889 1082

Passcode: 007165

Time	Activity
03:20 pm -03:35 pm	Dr. Muhammad Saqib Department of Horticulture, The University of Agriculture, Dera Ismail Khan, Pakistan. <i>Evaluation of Melatonin Supplementation in Cadmium Stressed Bell Pepper</i>
03:35 pm- 03:50 pm	Dr. Arshad Javaid Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Quaid-i-Azam Campus, Lahore 54590, Pakistan <i>'Stem Extract of Chenopodium murale as a Source of Natural Fungicidal Compounds against Pathogen of Fusarium wilt of Tomato</i>
03:50 pm- 04:05 pm	Mr. Attif Ramzan Department of plant pathology, University of Agriculture Faisalabad, Pakistan <i>'Postharvest Shelf-life Extension of Guava by using HPMC (Hydroxypropyl Methyl Cellulose) Based Edible Coating'</i>
04:05 pm- 04:20 pm	Dr. Asifa Hameed Mango Research Institute, Multan, <i>Evaluation of Insecticides Residues in Mango Fruit</i>
04:20 pm- 04:35 pm	Dr. Muhammad Waqar Alam Department of Plant Pathology, University of Okara <i>Combine Application of Essential Oils and Gum Arabic Coating Influences Postharvest Decay and Quality of Pomegranate Fruit during Cold Storage</i>





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04:35 pm- 04:50 pm	Mr. Muhammad Subhan Shafique Department of Biological Sciences, University of Lethbridge, Lethbridge, ABT1K3M4, Alberta, Canada. <i>Molecular characterization of the Begomovirus causing chilli leaf curl disease by targeting coat protein region of DNA-A component</i>
04:50 pm- 05:05 pm	Dr. Rozina Aslam Department of Biochemistry and Biotechnology, The Islamia University of Bahawalpur, Bahawalpur <i>Occurance of Citrus Huanglongbing in Cholistan, Pakistan</i>
Prayer Break and Poster Evaluation 05:05 pm to 05:30 pm	

Technical Session-VII: Room 132

Food Nutrition, Safety and Value Addition

Thursday, 23rd February, 2023

Chair: Prof. Dr. Umar Farooq, Chairman Department of Food Science and Technology, MNS-UAM

Co-chair: Dr. Zahoor Hussain, Department of Horticulture, Ghazi University, DG Khan

Moderator: Dr. Hafiz Nazar Faried, MNS-UAM

Time	Activity
03:20 pm -03:35 pm	Dr. Muhammad Amin Department of Horticultural Sciences, FA&E, The Islamia University of Bahawalpur, Pakistan <i>Nutritional Functions in Olive Leaves</i>
03:35 pm- 03:50 pm	Dr. Nighat Department of Food Science and Technology, MNS-University of Agriculture, Multan <i>Jamun (Syzygium cumini) seed; anti-oxidant effect and its biological activities</i>
03:50 pm- 04:05 pm	Dr. Ambreen Naz Department of Food Science and Technology, MNS-University of Agriculture, Multan <i>Dried minor fruits based value-added nutritious bar</i>
04:05 pm- 04:20pm	Mr. Muhammad Irfan School of Food Science and Engineering, South China University of Technology, Guangzhou, 510641, China <i>Recent developments in microbial decontamination of fruits and vegetables</i>
04:20 pm- 04:35 pm	Ms. Umrah Zafar Department of Food Science & Technology, MNS University of Agriculture, Multan, Pakistan <i>Role of nutraceuticals & functional foods to control food crisis</i>
04:35 pm- 04:50 pm	Dr. M. Azam Institute of Horticultural Sciences, Faculty of Agriculture, University of Agriculture Faisalabad, Pakistan. <i>Influence of Pre-harvest Ginger Extract Application to Enhance the Postharvest Storage Fruit Quality Attributes of Papaya cv. Red Lady under Low Temperature Storage</i>
04:50 pm- 05:05 pm	Ms. Misbah Sharif Department of Food Science and Technology, MNS-University of Agriculture Multan. <i>Postharvest Management of Fruits and Vegetables: An Approach to Reduce Malnutrition and Ensure Food Security</i>
Prayer Break and Poster Evaluation 05:05 pm to 05:30 pm	



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Technical Session-VIII: Sybrid Room Block A

Horticulture Marketing, Entrepreneurship and Digitalization

Thursday, 23rd February, 2023

Chair: Prof. Dr. Nasir Nadeem, Department of Agribusiness and Applied Economics, MNS-UAM

Co-chair: Dr. M. Usman, Associate Professor, Institute of Horticultural Sciences, UAF

Moderator: Ms. Anam Masood, MNS-UAM

Time	Activity
03:20 pm -03:35 pm	Mr. Rizwan Rafique Department of Horticulture, PMAS-Arid Agriculture University Rawalpindi, Punjab, Pakistan 46000 <i>'Performance Evaluation of STICS Crop Model for Simulating Grapevine Phenology and Yield under Pothwar Climatic Conditions'</i>
03:35 pm- 03:50 pm	Mr. Abdullah Shafiq Department of Horticulture, PMAS-Arid Agriculture University Rawalpindi, Pakistan <i>Survey and Analysis of Postharvest Practices: A Case Study of Fruit Market, Islamabad</i>
03:50 pm- 04:05 pm	Dr. Atiq Ahmad Alizai Assistant Professor, Department of Horticulture Gomal University, DI Khan
04:05 pm- 04:20pm	Mr. Abid Ali Department of Rural Sociology - University of Agriculture Faisalabad <i>Women' economic empowerment through value addition of agriculture and horticulture commodities</i>
04:20 pm- 04:35 pm	Mr. Raja Muhammad Talah Department of Horticulture, PMAS-Arid Agriculture University Rawalpindi, Pakistan <i>Digital entrepreneurship: Way forward for Rising Unemployment</i>
04:35 pm- 04:50 pm	Dr. Muqarab Ali Department of Agronomy, MNS-University of Agriculture, Multan <i>Horticultural Crop Waste Composting: A Wise and Judicious Enterprise</i>
04:50 pm- 05:05 pm	Mr. Abdullah Shafiq Department of Horticulture, PMAS-Arid Agriculture University Rawalpindi, Pakistan <i>Survey and Analysis of Postharvest Practices: A Case Study of Fruit Market, Islamabad</i>
Prayer Break and Poster Evaluation 05:05 pm to 05:30 pm	

Thursday, 23rd February, 2023

Main Hall (Canopy)

PSHS General Body Annual Meeting

Time	Activity
05:30 pm- 05:40 pm	Message from Gopal Prasad Shrestha, President Nepal Horticulture Society
05:40 pm- 06:20 pm	PSHS General Body Annual Meeting
07:00 pm-08:00 pm	Cultural Night & Dinner



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Technical Session-IX: Main Hall (Canopy)

Horticultural Crop Management

Friday, 24th February, 2023

Chair: Prof. Ghulam Sarwar Markhand, Meritorious Professor, Shah Abdul Latif University, Khairpur, Pakistan.

Co-chair: Dr. Atiq Alizai, Department of Horticulture, Gomal University, DI Khan

Moderator: Dr Sami Ullah, MNS-UAM

Zoom Link

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Meeting ID: 874 2518 2418

Passcode: 022593

Time	Activity
09:00 am -09:15 am	Prof. Dr Jafar Jaskani Director ORIC, University of Agriculture, Faisalabad, Pakistan <i>Pakistan Horticulture Industry: Current Status and Potential Future Interventions for Enhancing Competitiveness</i>
09:15 am -09:30 am	Prof Dr. Muhammad Azam Khan Department of Horticulture, PMAS-Arid Agriculture University Rawalpindi, 46300, Pakistan <i>Adoption and Use of Precision Agriculture Technologies in Potato Production</i>
09:30 am -09:45 am	Dr. Muhammad Nafees Department of Horticultural Sciences, Faculty of Agriculture & Environment, The Islamia University of Bahawalpur <i>IUB-Horticulture R&D Activities: Past-Present and Future Prospects</i>
09:45 am -10:00 am	Dr. Syed Summar Abbas Horticultural Genetic Resources Lab, Institute of Horticultural Sciences, University of Agriculture, Faisalabad, Pakistan <i>Uncovering Haplotype Diversity of Pakistani Date Palm Cultivars using DNA Barcoding</i>
10:00 am -10:15 am	Dr Sayed Esmail Emran (Online Presentation) Forestry and Horticulture Department, Agriculture Faculty, Balkh University Mazar-e-Sharif, Afghanistan <i>Pomegranate Production in Afghanistan: Production Trends and Opportunities</i>
10:15 am -10:35 am	Prof. Ali Ahmed Ali Aioub Faculty of Agriculture, Zagazig University, Egypt <i>Plant Growth Promoting Rhizobacteria (PGPR) and Role in Plant-parasitic Nematodes Control: A Fresh Look at an Old Issue</i>
10:35 am- 10:50 am	Dr. Faiza Shafique Khan Key Laboratory of Horticultural Plant Biology (Ministry of Education), College of Horticulture and Forestry Science, Huazhong Agricultural University, Wuhan 430070, China <i>Combined Role of Salicylic Acid and Drought Treatment in Sweet Orange Floral Induction</i>
10:50 am- 11:10 am	Dr. Kirtsten Brandt (Online presentation) New Castle University, UK <i>Role of Carrots in Relieving the Double Burden of Malnutrition and Cancer</i>
11:10 am- 11:30 am	Online presentation Prof. KK Jindal University of Horticulture & Forestry Solan, India <i>Using Hi-Tech Horticulture as Modern Intervention for Mitigating Impact of Changing Climate on Productivity of Temperate Fruits- A Case Study of Apple in Indian Himalayas</i>
11:30 am- 11:45 am	Mr. Fazli Wahab PARC Social Sciences Research Institute, Tarnab, Peshawar <i>Assessment of Potato Crop in Project Area of Kurram and Orakzai, Merged Districts, Khyber Pakhtunkhwa, Pakistan</i>
Lunch and Juma Prayer Break 12:30 pm to 02:00 pm	



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Technical Session-X: Room 110

Crop Growth Regulation

Friday, 24th February, 2023

Chair: Dr. Ejaz Hussain Shah, Director Potato Research Station, Sahiwal

Co-chair: Dr. Sajjad Hussain, Department of Horticulture, BZU, Multan

Moderator: Mr. M. Usman Khan, MNS-UAM

Zoom Link

<https://us02web.zoom.us/j/86709239711?pwd=cmNhMm44aXllaE5Y1BScVIPVTR0UT09>

Meeting ID: 867 0923 9711

Passcode: 196495

Time	Activity
09:00 am -09:15 am	Dr. Zahoor Hussain Department of Horticulture, Ghazi University, DG Khan <i>Effect of Putrescine on Creasing, and Rind Textural Properties of Sweet Orange Fruit</i>
09:15 am -09:30 am	Dr. Muhammad Muzammil Jahangir Institute of Horticultural Sciences, University of Agriculture, Faisalabad, Pakistan <i>Exogenous Application of Seaweed Extract Augments Production and Nutritional Profile of Oyster and King Oyster Mushrooms</i>
09:30 am -09:50 am	Dr. Sajid Ali Assistant Professor Department of Horticulture BZU, Multan <i>Postharvest Application of Carboxymethyl Cellulose Edible Coating Delays Senescence and Maintains Quality of Pomegranate</i>
09:50 am -10:10 am	Dr. Hao Lihong (Online Presentation) College of Horticulture, Hebei Agricultural University, Baoding, China <i>IBA Treatment Affects the Rooting Process in Dahlia pinnata Cuttings</i>
10:10 am -10:25am	Mr. Naveed Ahmad/Dr. Ifikhar Ahmad Institute of Horticultural Sciences, University of Agriculture, Faisalabad-38040, Pakistan <i>Imported Soilless Substrates Crisis and Potential Indigenous Agro Industrial Wastes as Alternative Soilless Substrate for High Quality Containerized Plant Production</i>
10:10 am -10:30am	Dr. Sergey Oleichenko (Online Presentation) Kazakh National Agrarian University Kazakhstan <i>Features of cultivation and productivity sea buckthorn meadow garden Issyk Kul region Kirgizstan</i>
10:30 am -10:45 am	Dr. Ejaz Hussain Shah, Director, Potato Research Station, Sahiwal <i>Potato Variety Development Process & Techniques in Pakistan</i>
10:45 am -11:00 am	Mr. Muhammad Usama Institute of Horticultural Sciences, University of Agriculture, Faisalabad 38040, Pakistan <i>Biostimulants Improved the Reproductive Growth and Biochemical Characteristics of Mango (Mangifera indica L.) cv. Samar Bahist Chaunsa</i>
11:00 am -11:15 am	Mr. Uzman Khalil Department of Horticulture, MNS-University of Agriculture, Multan, Pakistan <i>Manipulation in Bunch Compactness of Table Grapes by Agronomic Approaches, Antitranspirant Application and Gibberellic Acid</i>
11:15 am -11:30 am	Ms. Fatma Bibi Mango Research Institute Multan <i>Nutritional Enhancement of Zinc and Iron in Mango c.v. Sufaid Chaunsa through Foliar Application of Cysytein in Changing Climate</i>
Lunch and Juma Prayer Break 12:30 pm to 02:00 pm	



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Science for Farmers and Concluding Session
Main Hall (Canopy)

Zoom Link

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Meeting ID: 874 2518 2418

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Time	Activity
02:00 pm- 02:10 pm	Qirat with translations
02:10 pm- 02:20 pm	Naat
02:20 pm- 02:40 pm	Welcome Address Dr. Tanveer Ahmad Chairman, Department of Horticulture, MNSUAM (Convener, Conference/President Pakistan Society for Horticultural Science)
02:40 pm- 04:30 pm	Panel Discussion 1. Prof. Dr. Aman Ullah Malik Professor Institute of Horticultural Sciences UAF 2. Mr. Abdul Ghaffar Grewal Chief Scientist (Horticulture) Mango Research Institute Multan 3. Dr. Basharat Ali Saleem Deputy Director (Headquarters) Fruit and Vegetable Project Lahore 4. Mr Kashif Islam Progressive Farmer Lodhran 5. Dr Rashid Qureshi Progressive Farmer DG Khan
04:30 pm- 04:50 pm	Address of Chief Guest
04:50 pm- 05:05 pm	Conference Recommendations Prof. Dr. Amir Nawaz Khan Chairman, Department of Horticulture BZU, Multan
05:05 pm- 05:15 pm	Concluding Remarks Prof. Dr. Shafqat Saeed Dean FA & ES MNS University of Agriculture, Multan
05:15 pm- 05:25 pm	Shields Distributions
05:25 pm- 05:50 pm	Refreshment

Tour Program

Saturday, 25th February, 2023

Time	Activity
10:00 am	Tour to Adnan Noman Farm Head Muhammad Wala, Multan and City Tour