



SINO - PAKISTAN **INTERNATIONAL** **Horticultural Conference** **22nd-23rd March, 2018**

Organized by:

Department of Horticulture
Muhamamd Nawaz Shareef
University of Agriculture, Multan



SINO-PAKISTAN INTERNATIONAL HORTICULTURAL CONFERENCE

(22-23 March, 2018)

Organized by:

Department of Horticulture, MNS-University of Agriculture, Multan

Sponsored by:

- Punjab Higher Education Commission (PHEC), Lahore
- Punjab Agricultural Research Board (PARB), Lahore

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Executive Summary

Nature has blessed Pakistan with an ideal climate (tropical, sub-tropical and temperate) for growing a wide range of fruits, vegetables and ornamentals. Horticulture plays an important role in ensuring food security, improving human nutrition and strengthening rural economy through the provision of fresh fruits and vegetables for local consumption and also exporting and earning foreign exchange. Approximately, 7.02 and 7.12 million tons of fruits and vegetables are currently grown over an area of 765.0 and 555.9 thousand hectares respectively. Due to perishable nature (high water contents), the horticultural commodities are susceptible to biotic (insect-pest, diseases) and abiotic stresses (salinity, drought, temperature fluctuations etc), high postharvest losses (25-40%) and high sanitary and phytosanitary issues. Therefore, innovations in the fields of genetics, crop nutritional management, pest and disease control, seed production and farm machinery can improve horticultural crop production and value chain.

In this regards, Department of Horticulture in collaboration with Punjab Agriculture Research Board (PARB), Punjab Higher Education Commission (PHEC), and Pakistan Society for Horticultural Sciences (PSHS) organized a 1st Sino-Pakistan International Horticultural Conference at Muhammad Nawaz Shareef University of Agriculture, Multan on 22-23 March, 2018. In this conference, Chinese and Pakistani scientists from different agricultural institutes including Huazhong Agricultural University, Wuhan China, Bahauddin Zakariya University, Multan, University of the Punjab, Lahore, Ghazi University, DG Khan and Islamia University Bahawalpur, Pakistan participated and share their R&D work, exchange ideas and explore the collaboration opportunities for mutual improvement of horticulture sector in both the brother countries with special focus on CPEC perspective.

The theme of the conference was 'Innovation in Horticultural Crop Production, Protection and Value Addition'. The key objectives of this conference included following items:

- To understand horticulture industry related issues and set future R&D targets
- To exchange recent R&D work on horticulture sector in Pakistan and China
- To strengthen bilateral collaboration between Pakistan and China in Horticulture Sector under the umbrella of Belt & Road Initiative with special focus on CPEC

Overall more than 200 stakeholders from diverse background participants in this conference e.g.

- Growers and traders,
- Scientists from China,
- Academia, scientists and researchers from various relevant public and private organizations of Pakistan,
- Govt. officials, policy makers, parliamentarians etc.,
- Members of South Punjab Agriculture Forum
- Students.

The conference included inaugural sessions, technical session and closing ceremony. All sessions were held at the Main Seminar Hall of Muhammad Nawaz Shareef University of Agriculture, Multan. The chief guest of the conference was

Honorable Mr. Rana Mehmood-ul-Hassan (Senator, Govt. of Pakistan). The conference was started with the recitation from Holy Quran followed by national anthems of Pakistan and China. Welcome address and conference objectives were delivered by Prof. Dr. Ishtiaq A. Rajwana (Pro-Vice Chancellor, MNSUAM and Chairman, Department of Horticulture) who welcomed all the international and national speakers in the conference. Prof. Dr. Asif Ali (Vice Chancellor – MNSUAM) presented a brief presentation on the university activities including research, development, academic programs, outreach activities and future targets. Prof. Dr. Ye Zhibiao from College of Hort. & Forestry Sciences, HZAU, Wuhan, China delivered keynote lecture and showed his keen interest in bilateral collaboration of Pakistan and Chinese scientists in the field of Horticulture.

During technical session, the speakers delivered thought provoking presentations vis-à-vis issues confronting by Horticulture sector. Following foreign scientists delivered a talks on the conference; Professor Bie Zhilong, Professor Guo Wenwu, Professor Jin Shuangxia, Professor Xie Jiatao, Professor Ye Zhibiao and Dr. Shoab Munir, HZAU, Wuhan, China.

The undergraduate and postgraduate students of the department of Horticultural Sciences contributed in the conference through their poster presentations. Moreover, the conference was a successful event. The scientists from both countries pledged to collaborate through combined projects, faculty and student exchange, both side visits in conferences etc. At closing ceremony, recommendation was forwarded to overcome the issues in the field of Horticultural sector in Pakistan in collaboration with Chinese counterparts. The conference ended with vote of thanks by Prof. Dr. Zulfiqar Ali, Director, ORIC, MNS-UAM.

CONFERENCE RECOMMENDATIONS

The Sino-Pakistan Horticultural conference highlighted following recommendation

- Opportunities of various horticultural business and bilateral cooperation as need of modern age.
- Collaboration in new dimension of horticulture sectors like
 - Novel edible fruits crops introduction,
 - Vegetable grafting to induce resistance and
 - Exploring the vegetable industry in molecular field of science.
- Seedless production of fruit crop is a massive call from the industry to reduce acid contents in juices and different products for processing industry.

Technical Session:**Theme:** 'Innovation in Horticultural Crop Production, Protection and Value Addition'**Venue:** Seminar Hall, MNS-University of Agriculture, Multan

The technical session included oral presentations by the scientists from China and Pakistan as per following details:

		
<p>SWOT analysis of Pakistan Horticulture Industry <i>Prof. Dr. Ishtiaq A. Rajwana, Pro-Vice Chancellor, MNS-UAM, Pakistan</i></p>	<p>Vegetable grafting in China <i>Professor Bie Zhilong, College of Hort. & Forestry Sci., HZAU, Wuhan, China</i></p>	<p>Protoplast technology and Citrus improvement in China <i>Professor Guo Wenwu, College of Horticulture & Forestry Science, HZAU, Wuhan, China</i></p>
		
<p>CRISPR-CAS system for cotton genome editing: High efficiency, high throughput and high precision. <i>Professor Jin Shuangxia College of Plant Science & Technology, HZAU, Wuhan, China</i></p>	<p>Exploration on <i>Sclerotinia sclerotiorum</i> virus diversity and their potential application for fungal disease management <i>Professor Xie Jiatao College of Plant Sci. & Tech., HZAU, Wuhan, China</i></p>	<p>Application of genomics and functional genomics to identify and characterize novel genes for fruit ripening mechanism in tomato and other vegetables. <i>Professor Ye Zhibiao College of Hort. & Forestry Sciences, HZAU, Wuhan, China</i></p>



Molecular characterization of new variant of tomato leaf curl Palampur Virus from Cucumber in Pakistan

*Dr. Muhammad Shafiq
Assistant Professor, Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore, Pakistan*



Improved understanding of tomato calmodulin-like (CML) proteins in response to abiotic stress

*Dr. Shoaib Munir,
Post-Doc Fellow
College of Horticulture and Forestry, HZAU, Wuhan, China*



***Moringa oleifera*: A miracle plant used as ameliorating seed priming technique against deficit irrigation water-regimes in wheat**
Dr. Hamid Nawaz, Assist. Prof. Dept. of Agronomy, BZU Multan, Pakistan

Inaugural Session

Horticulture is an important component of agriculture sector in Pakistan, having significant contribution towards food security, human nutrition and national economy. Keeping in view the scenario, Sino-Pakistan Horticultural Conference was organized by Department of Horticulture, Muhammad Nawaz Shareef University of Agriculture, Multan (MNS-UAM) on 22-23 March 2018 with the financial support of Punjab Higher Education Commission (PHEC) and Punjab Agricultural Research Board (PARB).

Inaugural session was held in seminar hall, MNS-UAM. Meanwhile, the delegation visited 2nd annual flower show and competition organized by department of Horticulture in which different intra and interuniversity dry and fresh flower arrangement competition was held. National and international guests appreciated the organizer. Moreover, different industry and public institute also participated in pot arrangement.



Welcome Address and Conference Objectives by Pro-Vice Chancellor/Chairman Horticulture, MNS-UAM

Prof. Dr. Ishtiaq A. Rajwana welcomed all the participants including foreign and indigenous delegates in 1st Sino-Pakistan International Horticultural Conference. He elaborated the objectives of the conference and thereby collaboration with Chinese counterparts under CPEC keeping in view the scenario of Belt and Road initiative of Chinese Govt.



Keynote Address by Prof. Dr. Asif Ali, Vice Chancellor, MNS-UAM

Prof. Dr. Asif Ali, Vice Chancellor, MNS-UAM warmly welcomed all the participants and appreciated department of Horticulture on successful organization of the event. The Vice Chancellor – MNSUAM delivered a presentation on the academic and infrastructural university activities including research, development, academic programs, outreach activities and future targets. He also briefed about the MNS-UAM international collaboration with different industry, academic



and research institutes. He emphasized on the adaptation of recent trend in academia and research vis-à-vis horticulture sector as it contributing a lot in ensuring food security and earning foreign exchange. He also appreciated the role of public funding agencies for organizing such events and thereby international collaboration among scientists. He showed heartiest gratitude towards PARB and PHEC for financial sports.

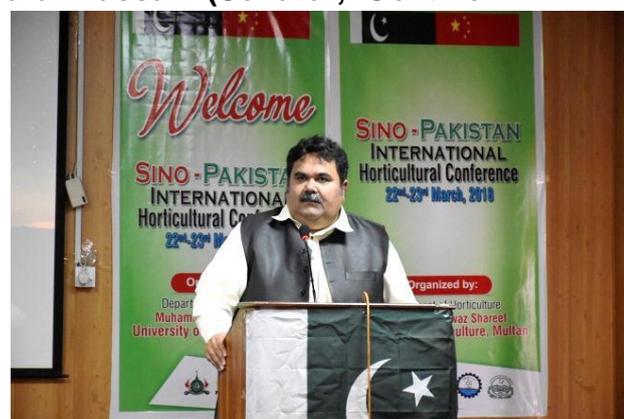
Keynote Lecture by Prof. Dr. Ye Zhibiao from College of Hort. & Forestry Sciences, HZAU, Wuhan, China.

Prof. Dr. Ye Zhibiao from College of Hort. & Forestry Sciences, Huazhong Agricultural University (HZAU), Wuhan, China delivered keynote lecture. He said That Pak-China friendship is long lasting friendship spread in every sphere of life. He appreciated the conference organizer for arranging the conference as it is need of an hour to learn about the horticultural issues, thereby R&D of both countries scientists. He also mentioned the MoU signed between HZAU and MNS-UAM and expected it will help further strengthening the bilateral R&D collaboration and help overcoming the issues confronting by different horticulture stakeholder.



Address by Chief Guest: Mr. Rana Mehmood-ul-Hassan (Senator, Govt. of Pakistan)

Honorable Mr. Rana Mehmood-Ul-Hassan, Senator, Govt. of Pakistan was the chief guest of the conference. He appreciated the MNS-UAM leadership for their day and night hard work in making the MNS-UAM, the most fast growing agriculture university in Pakistan. Moreover, he congratulated the organizer of the event. He elaborated different on-going projects in collaboration with Chinese Govt. under the umbrella of Chinese Pakistan Economic Corridor (CPEC). He emphasized that inclusion of agriculture chapter in CPEC, scientific collaboration among agricultural scientists of both countries will definitely help revolutionaries the agriculture sector of Pakistan, thereby rural economy. He suggested MNS-UAM leadership to continue organizing such events. Lastly, he paid thanks to Vice Chancellor and Pro-Vice Chancellor for their invitation.



Poster Presentations

The undergraduate and postgraduate students of the department of Horticulture presented posters on different aspects of Horticulture sciences. Below is the list containing name and poster titles;

POSTERS PRESENTATIONS, SINO-PAK HORTICULTURAL CONFERENCE		
Department of Horticulture, MNS-University of agriculture, Multan March 22-23, 2018		
Sr. No.	Title of poster	Presenting person
1	Value Addition in Rose	M. Umair, Imran Sarwar, Nasir Amin
2	Varietal Spectrum of Chrysanthemum	Saqib Javed, Atif Nadeem
3	Agapanthus- A Novel Flower	Muhammad Umair, Usaid Naeem
4	Feijoa- An Exotic Fruit of New World	Ameer Hamza Aslam
5	Pepino- An Exotic Fruit of New World	Atif Nadeem
6	Camu Camu- An Exotic Fruit of New World	Muhammad Umair
7	Kiwi Fruit as Potential Minor Fruit Crop	Usaid Naeem
8	Canistel- An Exotic Fruit of New World	Imran Sarwar
9	Jackfruit as Underutilized Fruit Crop	Zarmeen Tariq
10	Tomatillo- An Exotic Fruit of New World	M. Mohsin Javed
11	Passion Fruit- An Exotic Fruit of New World	Nasir Amin
12	Jaboticaba- An Exotic Fruit of New World	Zeeshan Ahmad
13	Starfruit- An Exotic Fruit of New World	M. Rashid
14	Banana Passion Fruit as An Exotic Fruit of New World	Saqib Javed
15	Bitter Gourd as Blessing for Diabetes Patients	Muhammad Umair
16	Potential of Exotic English vegetables in Pakistan	Usaid Naeem
17	Potato – A Buried Treasure and Future Food	Nasir Amin
18	Pumpkin- A Big Hulk	Saqib Javed, Atif Nadeem
19	Tomato as Super Food	Nasir Amin
20	Hydroponically Grown Chemical Free Vegetables	Zeeshan Ahmad, H.N. Faried
21	Vegetable Grafting – A Futuristic Approach	Rao Mubeen Ahmad, H. N. Faried
22	Potential of Litchi Fruit	Kashif Ali
23	Production Potential of Dry Fruit in Balochistan	M. Saqib
24	Greywater- An Alternate Source of Irrigation for Turf Grasses	Uzman Khalil
25	Potential of Gladiolus Farming in Pakistan	Umair Saeed Manais
26	Propagation of Horticultural Crops through Tissue Culture	Amber Fatima, M. Sajid Hussain
27	Nutritional Importance and Problems of Phalsa in Pakistan	Asia Rafique, M. Amin
28	Landscape Design- Paper to Ground	Uzman Khalil
29	Improving Fruit Quality and Reducing Postharvest Losses in Strawberry Fruit-A PARB USPCAS PROJECT	Sheryar, Ishtiaq A Rajwna

30	Various Supply Chain Issues and Commercial Potential of Some Minor Fruits- A HEC NRPU PROJECT	Zohaib Asghar, Ishtiaq A, Rajwana
31	Horticultural Therapy	M. Aiyub
32	Apricot A Potential Stone Fruit of Export Quality	Munir Ahmad
33	Pomegranate- A Fruit from Paradise	Ghulam Mustafa

CLOSING CEREMONY

VOTE OF THANKS

Prof. Dr. Zulfiqar Ali, Director, ORIC thanked all the participants especially the foreign delegates and national speaker on gracing the event through sharing their valuable R&D work. He emphasized that this conference will lead to an international collaboration.

SOUVENIR DISTRIBUTION

The invited speakers and the oral presenters were awarded with shields and certificate by honorable chief guest and worthy vice chancellor.

CONCLUSIONS

The conference provided an opportunity to exchange recent R&D work on horticultural sector in Pakistan and China. Moreover, it would be proven as milestone to strengthen bilateral collaboration between Pakistan and China in Horticulture Sector under the umbrella of Belt & Road Initiative with special focus on CPEC. The conference participants revealed that the CPEC route will surely result into a driving force for better utilization of Pakistani horticultural commodities and will strengthen bilateral trade between Pakistan and China.

<u>LIST OF CONFERENCE PARTICIPANTS</u>		
Sr. No.	Name	Affiliation
1	Prof. Dr. Bie Zhilong	HZAU, Wuhan, China
2	Prof. Dr. Wen-wu Guo	HZAU, Wuhan, China
3	Prof. Dr. Jiatao Xie	HZAU, Wuhan, China
4	Prof. Dr. Zhibiao Ye	HZAU, Wuhan, China
5	Prof. Dr. Shuangxia Jin	HZAU, Wuhan, China
6	Dr. Shoaib Munir	HZAU, Wuhan, China
7	Dr. Mudassar Yasin	MNS-UAM
8	Dr. Muhaamd Azhar	MNS-UAM
9	Dr. Amara Hameed	MNS-UAM
10	Dr. Baqir Hussain	MNS-UAM
11	Dr. Shakeel Ahmad	MNS-UAM
12	Dr. Wazir Ahmad	MNS-UAM
13	Dr. Usman Tariq	MNS-UAM
14	Dr. M. Ijaz	MNS-UAM
15	Dr. Umbreen Shahzad	MNS-UAM
16	Dr. Tahira Abbas	MNS-UAM
17	Asia Rafique (MS.c 1st Batch)	MNS-UAM
18	Sheyer Sajid	MNS-UAM
19	Rao Mubeen	MNS-UAM
20	Muhammad Arif	MNS-UAM
21	Dr. M. Shahbaz	MNS-UAM
22	Ahmad Hassan	MNS-UAM
23	Imran Ullah Khan	MNS-UAM
24	Mahnour Naeem	MNS-UAM
25	Usman Akram	MNS-UAM
26	M. Waqas	MNS-UAM
27	M. Umair	MNS-UAM
28	Nizam Akhtar	MNS-UAM
29	Dr. Haroon Maqsood	MNS-UAM
30	Maimoona Qamar	MNS-UAM

31	Tanzila Hanzal	MNS-UAM
32	Javad Iqbal (PhD Horti)	MRI
33	Uzman Khalil (PhD Horti)	Agri Extension
34	Ghulam Mustafa (PhD Horti)	Agri Extension
35	M. Saqib	MNS-UAM
36	Hamad Hassan	MNS-UAM
37	Kashif Ali	MNS-UAM
38	Amber Fatima	MNS-UAM
39	Shafa Nayab	MNS-UAM
40	Zeshan Haider	MNS-UAM
41	Munir Ahmad	MNS-UAM
42	M. Arslan Mehmood	MNS-UAM
43	Amjad Ali	MNS-UAM
44	M. Sajid Husain	MNS-UAM
45	M. Majid Aslam	MNS-UAM
46	M. Aiyub	MNS-UAM
47	Zohaib Asghar	MNS-UAM
48	Ali Raza	MNS-UAM
49	M. Qasim Iqbal	MNS-UAM
50	Mohsin Qayyum (Ento Dept)	MNS-UAM
51	Tariq Mushtaq	MNS-UAM
52	Hamad Raza	MNS-UAM
53	Bilal Ahsan (BBA 4th)	MNS-UAM
54	Waqas Mehmood	MNS-UAM
55	Tariq	MNS-UAM
56	Fahad Niaz	MNS-UAM
57	Areeba Fatima (PBG Dept)	MNS-UAM
58	Shahmeer Shahid	MNS-UAM
59	Muniba Haider	MNS-UAM
60	Mahnour Naeem	MNS-UAM
61	Mudassir Rafi	MNS-UAM
62	M. Imranullah	MNS-UAM

63	Dr. Zulfiqar Ali	MNS-UAM
64	Mr. Babar Farid	MNS-UAM
65	Engr. Dr. Alamgir A. Khan	MNS-UAM
66	Engr. Adnan	MNS-UAM
67	Engr. Irfan Mahood	MNS-UAM
68	Engr. Shahzad Ahmad	MNS-UAM
69	Humayon	MNS-UAM
70	Bassal	MNS-UAM
71	Ms. Plosha Kharum	MNS-UAM
72	Sher Khan	MNS-UAM
73	Khubaib Jamil	MNS-UAM
74	Aghaz Imtiaz	MNS-UAM
75	Aafaq Rasheed	MNS-UAM
76	Usaid Naeem	MNS-UAM
77	Mr. Mirza Abdul Qayyum	MNS-UAM
78	Dr. M. Shabaz	MNS-UAM
79	Marryam Tahira	MNS-UAM
80	Ahsan Khmal	MNS-UAM
81	M. Mubashir Shahzad	MNS-UAM
82	M. Salman Gul	MNS-UAM
83	Ubaida Yousaf	MNS-UAM
84	Farooq Ahmad	MNS-UAM
85	M. Majid Ali	MNS-UAM
86	M. Afzal	MNS-UAM
87	Dr. M. Arshad Shakeel	MNS-UAM
88	Dr. Hasan Riaz	MNS-UAM
89	Dr. Abdul Razzaq	MNS-UAM
90	Dr. Abid Hussain	MNS-UAM
91	M. Waseem	MNS-UAM
92	Maaz Qudoos (6th Horti)	MNS-UAM
93	Saqib Javed	MNS-UAM
94	Usaid Naeem	MNS-UAM

95	Imran Sawar	MNS-UAM
96	Nasir Amin	MNS-UAM
97	Zarmeen Tariq	MNS-UAM
98	Ameer Hamza	MNS-UAM
99	Amjad Ali	MNS-UAM
100	Mohsin Javed	MNS-UAM
101	M. Umair	MNS-UAM
102	Zeeshan Ahmad	MNS-UAM
103	M. Noman	MNS-UAM
104	M. Umair Nasir	MNS-UAM
105	Mr. Asif Nawaz	MNS-UAM
106	Mudabbir (Soil Dept)	MNS-UAM
107	Wajid Ali	MNS-UAM
108	Syed Muti-ul-Hannan	MNS-UAM
109	Dr. Hamid Ullah	MRI
110	Nazish Javaid (FST)	MNS-UAM
111	Arish Hayat	MNS-UAM
112	Misbah Umar	MNS-UAM
113	Rimsha Umar	MNS-UAM
114	M. Zaki Khan	MNS-UAM
114	Waqas Ali	MNS-UAM
115	Ali Hussnain	MNS-UAM
116	H. M. Usman	MNS-UAM
117	Ihtsham Manzoor	MNS-UAM
118	Dr. Ambreen Naz	MNS-UAM
119	Ms. Afshan Shafi	MNS-UAM
120	Dr. Umar Farooq	MNS-UAM
121	Iqra Zaheen (Blochi Stall)	MNS-UAM
122	Ashraf Khan	MNS-UAM
123	Danish	MNS-UAM
124	Hakeem	MNS-UAM
125	Shahzaib	MNS-UAM

126	H. Rizwan Ali (Agro Dept)	MNS-UAM
127	M. Faraz Ahmad	MNS-UAM
128	Bilal Riaz	MNS-UAM
129	Mohsin Ali Raza	MNS-UAM
130	Ms. Rubina	MNS-UAM
131	Dr. Shamas Murtaza	MNS-UAM
132	Dr. Wazir Ahmad	MNS-UAM
133	Dr. Fawad Zafar Ahmad Khan	MNS-UAM
134	Dr. Unser Naeem Ullah	MNS-UAM
135	Prof. Dr. Ishtiaq A. Rajwana	MNS-UAM
136	Dr. M. Amin	MNS-UAM
137	Dr. Kashif Razzaq	MNS-UAM
138	Dr. Hafiz Nazar Faried	MNS-UAM
139	Dr. Gulzar Akhtar	MNS-UAM
140	Dr. Sami Ullah	MNS-UAM
141	Dr. M. Asif Raza	MNS-UAM
142	Dr. Umar Ijaz Ahmad	MNS-UAM
143	Mr. Furqan Ahmad	MNS-UAM
144	Mr. Usman Jamshaid	MNS-UAM
145	Mr. Riaz Ahmad	MNS-UAM
146	Dr. Muqarrab Ali	MNS-UAM
147	Fayyaz Ahmad Aamir	MNS-UAM
148	M.Mubashir Shahzad	MNS-UAM
149	Samilluah	MNS-UAM
150	M. Shahid Fareedi	MNS-UAM
151	M. Waqas	MNS-UAM
152	Mamoona kouser	MNS-UAM
153	Ashraf Khan	MNS-UAM
154	Ahmad Hassan Ch.	MNS-UAM
155	Ali Asad Bahar	MNS-UAM
156	M. Salman	MNS-UAM
157	Abdullah Adnan Nasir	MNS-UAM

158	Hussnain ali	MNS-UAM
160	M. Nadeem	MNS-UAM
161	Sheraz Saboor	MNS-UAM
162	M. Talha Azhar	MNS-UAM
163	Sohail Akram	MNS-UAM
164	Ahsan Maqbool	MNS-UAM
165	Arif Ramzan	MNS-UAM
166	M.Shameer Mushtaq	MNS-UAM
167	M.Adeel Irshad	MNS-UAM
168	M. Basit Bhatti	MNS-UAM
169	Beenish Shahzadi	MNS-UAM
170	M. Salman Gul	MNS-UAM
171	Abdul Manan Athar	MNS-UAM
172	Umair Blouch	MNS-UAM
173	Faria Zafar Rana	MNS-UAM
174	Ahsan Kamal	MNS-UAM
175	Azhar Hussain	MNS-UAM
176	Shahbaz Abbas	MNS-UAM
177	Slahuddin	MNS-UAM
178	Dr. Amir Nawaz	BZU
179	Khalid Massood Ahmad	BZU
180	Dr. M.Sajid	BZU
181	Atif Iqbal	MRI
182	M. Alamgeer	Agi. Extension
183	Dr. Nazi Labor	BZU
184	Rana Azeem Ahmad	Agi. Extension
185	M. Wajid	Agi. Extension
186	M. Nasir Javaid	Ag Pharma
187	Dr. M. Tariq Malik	MRI
188	Hafiz Asif Ur Rahman	MRI
189	Samad Raza	MRI
190	M. Imran Khan	MRI

191	Fatima Bibi	MRI
192	Abid Hamid Khan	MRI
193	Sidra Kiran	MRI

PICTURE GALLERY



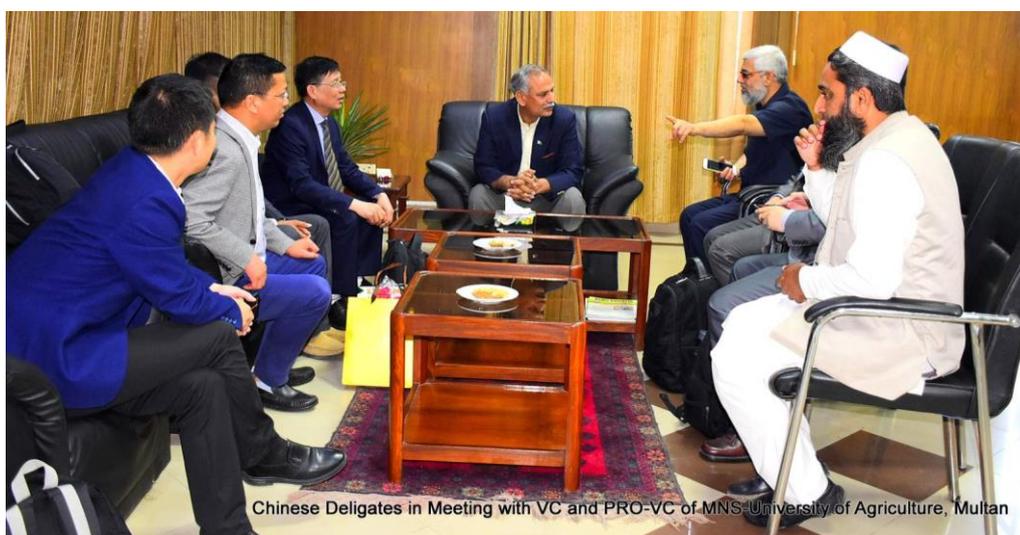
Group Photo of the Conf. Participants with Prof. Dr. Asif Ali, Vice Chancellor MNS-UAM



Group photo of Chinese delegate with Prof. Dr. Ishtiaq A. Rajwana (Pro-Vice Chancellor MNS-UAM)
Left to Right:

1. **Dr. Shuangxia Jin**, Professor, National Key Laboratory of Crop Genetic Improvement, College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Cotton scientist)

2. **Dr. Shoaib Munir Bajwa**, Post-Doc Fellow, College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Vegetable scientist)
3. **Prof. Dr. Ishtiaq A. Rajwana**, Pro-Vice Chancellor & Chairman Horticulture, MNS University of Agriculture, Multan, Pakistan (Postharvest and fruit scientist)
4. **Dr. Zhibiao Ye**, Professor & Deputy Director, Key Laboratory of Horticulture Plant Biology College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Vegetable scientist)
5. **Dr. Bie Zhilong**, Professor, College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Vegetable scientist)
6. **Dr. Wen-wu Guo**, Professor, College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Fruit scientist)
7. **Dr. Jiatao Xie**, Professor, College of Horticulture & Forestry Sciences, HZAU, Wuhan, China (Plant pathologist)



Chinese Delegates in Meeting with VC and PRO-VC of MNS-University of Agriculture, Multan





Visit to University, MNS-University of Agriculture, Multan



During National Anthem, MNS-University of Agriculture, Multan



During National Anthem of Both Countries, MNS-University of Agriculture, Multan



Participants During Conference, MNS-University of Agriculture, Multan