Background:
Agricultural sector is the backbone of our economy. About 70 percent of Pakistan's population lives in rural areas and is directly involved in agricultural activities. However, agriculture growth is facing a lot of problems such as low per acre yield, water scarcity, absence of certified seeds of various crops, use of adulterated, non-recommended and expired insecticides, non-utilization of cultivable waste land, conventional farming practices, absence of ecological based cropping pattern and lack of modern post-harvest techniques. Therefore, main challenge to agriculture sector of Pakistan is now to improve and sustain crop productivity and farmers income.

Recent advances in crop science and technology are advanced breeding techniques, hybrid transgenic seed production and uses, efficient water utilization techniques, improved post-harvesting handling techniques and improved storage and transportation. International conference on “Recent Advances for Crop Productivity Enhancement” will provide a platform for Agriculture Scientists, Students, Research scholars and other participants to establish a scientific relationship between academic experts and other participants through information sharing and networking. Experts are going to share advanced technologies and recent scientific explorations as well as future trends of crop production. They will also discuss the most recent innovations, trends and concerns as well as practical challenges encountered, and solutions to be adopted in the fields. The outcomes of this highly interactive conference will contribute to local capacity building for modern crop production techniques.

Conference Objectives:
The aim of conference is to suggest modern techniques for enhancing crop production and farmers income in Pakistan. It can be achieved by building on available technology, knowledge and skills that suit local conditions and capacity. Growing food in a sustainable way means adopting practices that produce more with less input in the same area of land and wise and timely use of natural resources. By strengthening the resilience of small farmers, food security for the planet's increasingly hungry global population can be assured. The conference will intend to conclude the smarter and sustainable ways to increase crop productivity to ensure food security in the country.

Conference Theme:
» Applications of new technologies and strategies for enhancing crop productivity.
» Challenges of integrating conventional crop breeding and biotechnology as well as genetic enhancement of crop yield potential.
» Agricultural research- Present orientation and future challenges.
Who should attend the conference and Why?
Policy makers, Agriculture related stakeholders, Researchers, Faculty members, Progressive farmers, Extension workers, Young scholars and Members of professional bodies from all over the world having interest in innovative crop management systems for better yield, a burning issue of the day will be welcomed to share their research experiences and discuss their obligations to develop smart and worth being recent advances of crop productivity.

Expected Outcomes:
The conference is expected to develop a shared vision on recent advancement to enhance crop productivity on the globe. It will establish a platform for further networking and synergies for stakeholders regarding research, education and policy dialogue for practical and realist crop management strategies for better production.

Organizing Committee

Patron in Chief
Prof. Dr. Nadeem Akhtar Abbasi
Vice Chancellor
PMAS-AAUR

Prof. Dr. Fuyyaz-ul-Hassan
(Chief Organizer)
Dr. G. A. Shah
(Conference Secretary)

Prof. Dr. Zammurad Iqbal Ahmed  Dr. Irfan Aziz
Dr. Muhammad Naveed Tahir  Dr. Abdul Munaf
Dr. Muhammad Ansar  Dr. Ghulam Qadir
Dr. Muhammad Rasheed  Dr. Adeel Anwar

Invited Speakers

Dr. Harpinder Singh Randhawa
Research Scientist (Spring Wheat Breeding)
Agriculture & Agriculture-Food, CANADA

Dr. Jaswinder Singh
Associate Professor
Department of Plant Science, School of Environment
McGill University, CANADA

Dr. Muntaz Cheema
Associate Professor
Boreal Ecosystems & Agricultural Sciences
Grenfell Campus, Memorial University of Newfoundland, CANADA

Dr. M. Imtiaz Rashid
Assistant Professor
Center of Excellence in Environmental Studies
King Abdulaziz University SAUDI ARABIA

Dr. Muhammad Saeed
Asian Productivity Organization (APO), JAPAN

Dr. Muhammad Anjum Ali
Director General Agriculture (Extension and Adaptive Research)
Punjab, PAKISTAN

Program

Day-1 02-04-2019 (Tuesday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00AM - 9:30AM</td>
<td>Reception of Guests/ Sign up</td>
</tr>
<tr>
<td>9:30AM - 9:35AM</td>
<td>Recitation of Holy Quran</td>
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<tr>
<td>9:35AM - 9:40AM</td>
<td>Hadiya Naat</td>
</tr>
<tr>
<td>9:40AM - 9:45AM</td>
<td>Welcome address by Prof. Dr. Fuyyaz-ul-Hassan (Dean FC&amp;FS/ Chief Organizer)</td>
</tr>
<tr>
<td>9:45AM - 10:15AM</td>
<td>Dr. Harpinder Singh Randhawa</td>
</tr>
<tr>
<td>10:15AM -10:45AM</td>
<td>Agriculture &amp; Agriculture-Food, CANADA</td>
</tr>
<tr>
<td>10:45AM -11:15AM</td>
<td>Dr. Jaswinder Singh</td>
</tr>
<tr>
<td>11:15AM -11:30AM</td>
<td>McGill University, CANADA</td>
</tr>
<tr>
<td>11:30PM -12:00PM</td>
<td>Dr. Muhammad Saeed</td>
</tr>
<tr>
<td>12:00PM - 12:30PM</td>
<td>Asian Productivity Organization (APO), JAPAN</td>
</tr>
<tr>
<td>12:30PM - 1:00PM</td>
<td>Dr. Muntaz Cheema</td>
</tr>
<tr>
<td>1:00PM - 1:15PM</td>
<td>Memorial University of Newfoundland, CANADA</td>
</tr>
<tr>
<td>1:15PM - 1:30PM</td>
<td>Dr. Muhammad Anjum Ali</td>
</tr>
<tr>
<td>1:30PM - 2:00PM</td>
<td>D.G. Extension, Punjab, PAKISTAN</td>
</tr>
<tr>
<td>2:00PM - 2:30PM</td>
<td>Concluding remarks by Prof. Dr. Nadeem Akhtar Abbasi</td>
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<tr>
<td>2:30PM - 2:45PM</td>
<td>(Vice Chancellor, PMAS-AAUR)</td>
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<tr>
<td>2:45PM - 4:45PM</td>
<td>Shields’ Distribution</td>
</tr>
</tbody>
</table>

Day-2 03-04-2019 (Wednesday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00AM</td>
<td>Departure from PMAS-AAUR to University Research Farm Koont for field activities</td>
</tr>
<tr>
<td>9:30AM - 10:30AM</td>
<td>Arrival at Knot Farm and Refreshment</td>
</tr>
<tr>
<td>10:30AM - 1:00PM</td>
<td>Field Activities at University Research Farm Koont</td>
</tr>
<tr>
<td>1:00PM - 2:00PM</td>
<td>Arrival at BARI, Chakwal &amp; Field Activities</td>
</tr>
<tr>
<td>2:00PM - 2:30PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>2:30PM - 2:45PM</td>
<td>Concluding remarks and recommendations</td>
</tr>
<tr>
<td>2:45PM - 4:45PM</td>
<td>Return back to PMAS-AAUR</td>
</tr>
</tbody>
</table>
You are cordially invited to participate in the

International Conference on Recent Advances for Crop Productivity Enhancement

2-3 April, 2019

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Dr. Muhammad Anjum Ali
Director General Agriculture (Extension and Adaptive Research)
Punjab, PAKISTAN

Organized By:
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Pir Mehr Ali Shah
Arid Agriculture University Rawalpindi-46300

Looking Forward
Prof. Dr. Fayyaz-ul-Hassan
Chairman Agronomy/ Dean FC&FS
Ph# +92-51-9292089; Email: drsahi63@gmail.com