



Regional Consultation Workshop

MITIGATING THE THREAT OF **WHEAT BLAST** in Bangladesh and beyond

26-27 July 2016, Kathmandu, Nepal



Regional Consultation Workshop

on

“Mitigating The Threat of Wheat Blast in Bangladesh and Beyond”

Date: July 26-27, 2016

Venue: Darbar Hall; Hotel Yak and Yeti

Organized by: BARC, BARI, WRC & CIMMYT



PROGRAM

Day 1: July 26, 2016 (Tuesday)

Time	Topic	Concerned Person
08:30-09:00	Registration	Dhon Raj Lama
Inaugural Session Facilitated by Dr. Etienne Duveiller, Leader, Wheat Blast Initiative, CIMMYT		
09:00-09:05	Welcome Address by Guest of Honour	Dr. YR Pandey, ED NARC
09:05-09:15	Objective Setting of the Workshop	Dr. Hans-Joachim Braun, Director Global Wheat Program and CRP WHEAT
09:15-09:20	Special Remarks by Bangladesh Delegate	Dr. Wais Kabir, Team Leader, FAO Bangladesh, Former Executive Chairman, BARC
09:20-09:25	Special Remarks by Bangladesh Delegate	Md. Hamidur Rahman, DG, DAE
09:25-09:30	Special Remarks by Bangladesh Delegate	Md. Nasiruzzaman, Chairman BADC and Addl. Secretary
09:30-09:35	Special Remarks by Bangladesh Delegate	Sayed Ali Nasim Khaliluzzaman, Additional Secretary, MoA
09:35-10:05	Key Note Presentation - Wheat Blast in Bangladesh	Dr. PK Malaker, WRC, BARI
10:05-10:25	All-front approach to contain wheat blast disease: an emerging threat to food security threat in Bangladesh	Prof. Bahadur Meah, BAU
10:25-10:50	Tea Break	
10:50-11:05	Field Experience with Wheat Blast	Chaitanya Kumar Das, Director (FS), DAE
11:05-11:20	Short term recommendation for implementation in next wheat season in Bangladesh for discussion & endorsement	Dr. Naresh CD Barma, WRC, BARI
11:20-11:25	Remarks from FAO Representative	Dr. Fazil Dusunceli, FAO
11:25-11:35	Comments from Participants	



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Technical Session I: Scientific Presentations on Wheat Blast Perspectives on Wheat Blast (Part 1)

Chair: Dr. Maricelis Acevedo, Cornell University, USA

11:35-12:05	Wheat Blast: Resistance, avirulence effectors, host species specificity and disease spread	Dr. Christian Cruz, KSU, USA
12:05-12:35	Field pathogenomics and open data sharing approaches for understanding the identity & origin of epidemic causing wheat blast pathogen & its management in Bangladesh	Dr. Tofazzal Islam, BSMRAU
12:35-13:30	Lunch Break	

Perspectives on Wheat Blast (Part 2)

Chair: Dr. Naresh C.D. Barma, Director, WRC, BARI, Bangladesh

13:30-14:00	Wheat blast in Brazil: Epidemiology & disease forecasting	Dr. Mauricio Fernandes, Embrapa, Brazil
14:00-14:30	Present status and research progress on wheat blast	Dr. Mohan Kohli, CAPECO/INBIO, Paraguay
14:30-15:00	Wheat blast - studies into epidemiology, host resistance and fungicide sensitivity as basis for an integrated control	Dr. Xia Ha, Dr. Tingting Wei, Dr. Etienne Duveiller, Dr. Andreas V. Tiedemann
15:00-15:30	Tea Break	

Wheat Blast Risk Assessment (Part 3)

Chair: Dr. Timothy J. Krupnik, Bangladesh Country Coordinator, CSISA, CIMMYT

15:30-16:00	Modelling and mapping with disease risk	Dr. Kai Sonder, CIMMYT Mexico
16:00-16:30	Climate suitability for MoT pathotype in the United States	Dr. Christian Cruz, KSU, USA
16:30-17:00	Comments from South Asia Representatives Perspective from India	Dr. Rashmi Aggarwal, IARI/Dr. MS Saharan, IIWBR



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	Perspective from Nepal Perspective from Pakistan	Dr. BN Mahato, NARC Dr. Atiq Ur Rehman, PARC/Dr. Imtiaz Muhammad, CIMMYT Pakistan
17:00-17:30	Open Discussion & Remarks on DAY-1 by Dr. Hans-Joachim Braun, Director Global Wheat Program and CRP WHEAT	
Conference Dinner 19:00-21:00 Hrs; All participants need to gather in the lobby for departure at 18:15 (SHARP) Hrs to Bhojan Griha, Dilli Bazaar, Kathmandu by bus		



Day 2: July 27, Wednesday

Technical Session II: Responding to the Wheat Blast Threat in Asia Chair: Dr. Hans-Joachim Braun		
Time	Topic	Concerned Person
09:00-09:30	Integrate Global Response to Wheat Blast Control: Lessons learned from Ug99 stem rust to breed durable resistance	Dr. Ravi P Singh, Distinguished Scientist, CIMMYT Mexico
09:30-09:50	Learning from the Rice Experience: Identification of prototypes and development of rice blast resistant varieties through marker assisted selection	Muhammad Abdul Latif, BRRI
09:50-10:10	Precision Phenotyping Platforms: Wheat Blast	Dr. Pawan Singh, Head of Wheat Pathology, CIMMYT
10:10-10:20	Development and implantation of an action plan to elucidate, manage, and mitigate the threat of wheat blast in coming wheat crop cycles	Dr. Etienne Duveiller, CIMMYT India
10:20-10:30	Investing in wheat blast research: Perspective from donors' representatives/Wheat Project International Programs	Dr. Eric Huttner, ACIAR Dr. Angela Record, USAID, USA Dr. Maricelis Acevedo, Cornell, USA
10:30-11:00	Tea Break	
Technical Session III: Working Group (11:00-12:30)		
Roundtable discussions - Participants in 4 groups to discuss the following topics: Group 1: Precision phenotyping and breeding for durable resistance to wheat blast : how to characterize and improve elite germplasm and wheat genetic resources in regions of high incidence		



Group2: Epidemiology, integrate disease management and surveillance : South Asia and beyond

Group3: Using Marker assisted selection, molecular studies and new venues for advanced research

Group 4: Capacity building, awareness, knowledge sharing in support of Decision makers, stakeholders and to help farmers and scientists in South Asia.

Rapporteurs: (one person will be selected for each group)

12:30-13:00	Presentations by Rapporteurs	Representing respective groups
13:00-14:00	Lunch	
14:00-14:45	<p>Learnings from the meeting and defining a concrete action plan for a sustainable control of wheat blast through effective phenotyping and breeding for durable resistance against MoT& through risk monitoring & agronomy</p> <p><i>Specific research activities to be discussed by participants for a multi-donors, multi-partners long term investment to combat wheat blast in warmer wheat growing regions</i></p>	Dr. Hans-Joachim Braun, Director Global Wheat Program and CRP WHEAT
14:45-15:00	The future of the wheat blast consortium	Open Discussion facilitated by Dr. Etienne Duveiller, CIMMYT India
15:00-15:20	Tea Break	
15:20-16:30	Drafting framework for project proposal	<p>All Participants</p> <p>Facilitation by Dr. Pawan Singh, Head of Wheat Pathology, CIMMYT</p>
16:30-17:00	Closing Remarks	Dr. Naresh CD Barma, Dr. Ravi Singh & Dr. Hans-Joachim Braun