

**DRRW – ICAR – SAARC Training Program On
Wheat Rust Surveillance & Monitoring (February 25–March 9, 2012, India)**

The Agricultural Innovation Partnership coordinated a training workshop at the Institute of Agricultural Sciences, Banaras Hindu University (BHU), Varanasi on wheat rust surveillance, data collection and monitoring strategies for scientists from India, Bangladesh, Pakistan, Afghanistan, Nepal and Bhutan. A group of 19 scientists (4 from Afghanistan, 3 each from Bhutan, Nepal & Bangladesh, 1 from Pakistan, and 5 from India) were a part of the Durable Rust Resistance in Wheat (DRRW) project led by Cornell University, Ithaca, NY, USA and Indian Council of Agricultural Research, New Delhi, India. The training program at BHU was held from March 1–3, 2012.

The scientists involved in various national-level wheat rust research activities in their respective countries were nominated for the program by the national authorities in their respective countries.

Dr. Robert Park from the University of Sydney, Australia; Dr. Gordon Cisar of Cornell University; Dr. David Hodson from CIMMYT (International Maize and Wheat Improvement Center, CIMMYT for Centro Internacional de Mejoramiento de Maíz y Trigo), Ethiopia, comprised the expert faculty for the training program who guided the team of participants with their valuable inputs during the course of the program.



Faculty guiding participants at the fields of the Institute of Agricultural Sciences, BHU

The training program was an amalgam of field visits, presentations, lecture sessions, discussion forums and laboratory research work.

Dr. S. S. Vaish, Assistant Professor, Dept. of Plant Pathology & Mycology, accompanied the team during their visit to the research fields. Dr. Cisar spoke on the DRRW Project and elaborated on the advent of Ug 99 as well as the threat it could pose. Dr. Park delivered a presentation on “Evolution of pathogenic variability in rust pathogens and their nomenclature”. Dr. Hodson’s presentation dealt at length on the available rust surveillance tools.





The participants visited the stripe rust infected research fields at the university and collected rust samples from the field. The faculties carried out random exercises on the field for the participants to understand the intensity of the rust incidence on the wheat plants and their categorization. They also obtained field-level surveillance data through GPS units and smart phones. Dr. Park explained the concepts in rust resistance to the participants. The faculty had interactive sessions with the participants clarifying their minute queries in specific areas as per the requirement of the participants.

ANNEXURE

I. Faculty List

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| 1 | Dr. Dave Hodson | CIMMYT , Ethiopia | +251- 116172302 | d.hodson@cgiar.org |
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II. Participant List

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5



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11



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13



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14



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16



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