

**PLANT GERMPLASM REGISTRATION
COMMITTEE**
(Indian Council of Agricultural Research)
**ICAR-National Bureau of Plant Genetic Resources (NBPGR),
New Delhi**

**Proceedings of the XXXVIIth Meeting of Plant Germplasm Registration Committee
(PGRC) held at ICAR-NBPGR, New Delhi
(October 23, 2017)**

The XXXVIIth meeting of PGRC was held on **October 23, 2017** from 10:00 hrs. onwards in the Dr H.B. Singh Committee Room, ICAR - NBPGR, New Delhi. The following members/invitees were present:

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| 1. | Dr. AK Singh | DDG (CS)-Acting, Indian Council of Agricultural Research (ICAR), New Delhi | Chairman |
| 2. | Dr IS Solanki | ADG (F&FC), Indian Council of Agricultural Research (ICAR), New Delhi | Member |
| 3. | Dr. DK Yadava | ADG (Seeds), Indian Council of Agricultural Research (ICAR), New Delhi | Member |
| 4. | Dr. Kuldeep Singh | Director, ICAR-National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi | Member |
| 5. | Dr. RK Singh | ADG (CC), Indian Council of Agricultural Research (ICAR), New Delhi | Member |
| 6. | Dr. T Janakiram | ADG (Hort.-I), Indian Council of Agricultural Research (ICAR), New Delhi | Member |
| 7. | Dr. SK Jha | Representative of ADG (O&P), Indian Council of Agricultural Research (ICAR), New Delhi | Member |
| 8. | Dr. B Singh | Director, ICAR-Indian Institute of vegetable Research (IIVR), Varanasi, Uttar Pradesh | Member |
| 9. | Dr. GP Singh | Director, ICAR-Indian Institute of Wheat and Barley Research (IIWBR), Karnal, Haryana | Member |
| 10. | Dr. PK Singh | Project Co-ordinator, AICRP on Linseed, ICAR-Indian Institute of Pulses Research (IIPR), Kanpur, Uttar Pradesh | Member |
| 11. | Dr LV Subba Rao | Representative of Director, ICAR-Indian Institute of Rice Research (IIRR), Rajendranagar, Hyderabad, Telangana | Member |
| 12. | Dr. Vinod Kumar | Representative of Director, ICAR-Central Potato Research Institute (CPRI), Shimla, Himachal Pradesh | Member |

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| 13. | Dr. Bhagirath Ram | Representative of Director, ICAR-Directorate of Rapeseed-Mustard Research (DRMR), Bharatpur, Rajasthan | Member |
| 14. | Dr. A Anil Kumar | Representative of Director, ICAR-Central Research Institute for Jute & Allied Fibres (CRIJAF), Barrackpore, West Bengal | Member |
| 15. | Dr. Ravish Chatrath | Principal Scientist, ICAR-Indian Institute of Wheat and Barley Research (IIWBR), Karnal, Haryana | Invitee |
| 16. | Dr. Ashok Kumar | Head, Division of Germplasm Evaluation, ICAR-National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi | Special invitee |
| 17. | Dr. Anjali Kak Koul | Principal Scientist, Division of Germplasm Conservation, ICAR-National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi | Special invitee |
| 18. | Dr Kalyani Srinivasan | Head (Acting), Division of Germplasm Conservation, ICAR-National Bureau of Plant Genetic Resources (NBPGR), Pusa Campus, New Delhi | Member Secretary |

Dr AK Singh, DDG (CS-Acting), Chairman, PGRC chaired the meeting. Dr Kuldeep Singh, Director, ICAR-NBPGR and Dr. Kalyani Srinivasan, Member Secretary, PGRC welcomed the Chairman and members of PGRC. Dr AK Singh emphasized that efforts should be made to enhance the registration of trait specific germplasm.

The minutes of the XXXVIth meeting of PGRC that were circulated to all the members were adopted as such after the approval of the Chairman.

Following recommendations emerged during the discussion in PGRC meeting:

- Genetic stocks for disease and insect pest resistance in annual species may not be registered without providing inheritance of the trait. The committee also proposed that researchers be encouraged to tag the genes conferring resistance. This can later be made mandatory.
- Only proposal complete in all respects and with comments from the experts should be included in the meeting.
- For the lines derived from cross, data of parental lines may also be made mandatory. This will help in tracing the source(s) of the trait. Data of the parental material should be included for comparison of the trait in question only genotypes superior than the parents should be considered for registration.
- Since NBPGR has developed an online system for submission and further processing of registration the committee recommends that all new, revised and deferred proposals may be submitted online from the next meeting. Head Division of Germplasm should inform in writing to all the ICAR institutes and State Agricultural Universities.

- Following committee is constituted to develop the guidelines for registration of trait-specific germplasm of perennial and biennial crops species, the draft of the same to be prepared before January 31st and to be put in next PGRC meeting for discussion /approval.

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| 1. | Dr. AK Singh | DDG (Horticulture), ICAR, New Delhi | Chairman |
| 2. | Dr. T Janakiram | ADG (Hort.I), ICAR, New Delhi | Member |
| 3. | Dr WS Dhillon | ADG (Hort.II), ICAR, New Delhi | Member |
| 4. | Dr. S Rajan | Director, ICAR-Central Institute for Subtropical Horticulture (CISH), Lucknow, Uttar Pradesh | Member |
| 5. | Dr. MR Dinesh | Director, ICAR-Indian Institute of Horticultural Research (IIHR), Bengaluru, Karnataka | Member |
| 6. | Dr. KV Prasad | Director, ICAR-Directorate of Floricultural Research (DFR), Pune, Maharashtra | Member |
| 7. | Dr. P Manivel | Director, ICAR-Directorate of Medicinal and Aromatic Plants Research (DMAPR), Boriavi, Anand, Gujarat | Member |
| 8. | Dr. RK Mathur | Director, ICAR-Indian Institute of Oil Palm Research (IIOPR), Pedavegi, West Godavari District, Andhra Pradesh | Member |
| 9. | Dr. Chowdappa P | Director, ICAR-Central Plantation Crop Research Institute (CPCRI), Kasaragod. Kerala | Member |
| 10. | Dr. SK Chakrabarti | Director, ICAR-Central Potato Research Institute (CPRI), Shimla, Himachal Pradesh | Member |
| 11. | Dr. OP Chaturvedi | Director, ICAR-Central Agroforestry research Institute (CAFRI), Jhansi, Uttar Pradesh | Member |
| 12. | Dr. Anjali Kak Koul | Principal Scientist, ICAR-National Bureau of Plant Genetic Resources , Pusa Campus, New Delhi | Member Secretary |

A total of 87 proposals (59 new and 28 revised) were considered for registration along with comments received from the respective PD/PC or experts to ascertain their unique feature(s) and potential values, which formed the basis for registration. Finally, 64 (38 new and 26 revised) proposals belonging to 24 species were approved for registration. For 14 proposals the committee suggested resubmission with additional data or sought clarifications which may be considered in next PGRC meeting. Other proposals were found lacking novelty/uniqueness with regard to the proposed trait(s), therefore, not approved. Each proposal was discussed in detail and recommendations of PGRC for each proposal has been summarized in the enclosed table.

The meeting ended with vote of thanks to the Chair and other members.

Yours sincerely



(Kalyani Srinivasan)

Member Secretary

Plant Germplasm Registration Committee
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