

National Webinar on Under-utilized Crops for Augmenting Farmers Income in Abiotic Stress Regions

10 August 2020



Registration Link:

<https://forms.gle/N6zCRkRXWfCVDBaL9>

Organized by
**ICAR- NIASM & Society for Agricultural
Research on Abiotic Stress (SARAS)**
Baramati, Pune, Maharashtra

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About

Achieving the Sustainable Development Goals, which calls for the eradication of poverty, hunger and all forms of malnutrition, will require renewed efforts on sustainable increase in the productivity and incomes of smallholder farmers while conserving natural resource base. One such approach is to explore non-conventional pathways such as wider adoption of under utilized crops due to the fact they are adapted to a range of agro-ecologies, are nutrient-dense, climate resilient and offer better prospects in marginal production areas with low- input agriculture. However, turning the potential of these crops into real benefits will require a systematic approach, multidisciplinary analysis, multi-stakeholder consultation and cross-sectoral coordination. Future research in this area should build on the wealth of knowledge that have been accumulated so far on neglected and underutilized species in order to develop more sustainable, nutrition-dense, climate-resilient and diversified food systems.

The objectives of the E-conference are a) to create much needed awareness on the role and value of underutilized and non-conventional crops that have potential for diversification of food basket to ensure better food and nutritional security in India; b) To share experiences and learn lessons to accelerate the use of underutilized plants as crops for the future; c) to assess R&D status on priority crops and policies that are needed to promote the use of these crops in cropping systems.

Aim

To explore the scope, identify the sources, build awareness and impart knowledge on underutilized crops for the regions affected by abiotic stresses such as drought, salinity and alkalinity. This is also aimed at creating interest in research on alternative crops, which are currently under-utilized.

Speakers



Dr N Krishna Kumar
ExDDG (Horticulture), ICAR, Ex South Asia Representative, Biodiversity International



Dr S Dandin
Ex Vice Chancellor, University of Horticultural Sciences, Bagalkot



Dr RK Singh
Principal Scientist & Program Leader International Center for Biosaline Agriculture, Dubai, United Arab Emirates



Dr Kuldeep Singh
Director, ICAR- National Bureau of Plant Genetic Resources, New Delhi



Dr Vilas Tonapy
Director, ICAR-Indian Institute of Millet Research, Hyderabad



Mr Luis Salazar Licea
Nottingham University,
UK- PhD Research Scholar
Lecturer Colima University Mexico

Convener



Dr Jagadish Rane
Principal Scientist & Head (I/C) SDSM, ICAR-NIASM

Co-Convener



Dr Aliza Pradhan
Scientist (Agronomy)
School of Drought Stress Management, ICAR-NIASM



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Tentative Technical Programme

Expert	Topic	Time
 Dr Himanshu Pathak Director, ICAR-NIASM	Introductory Remarks	10:00
 Dr Narendra Pratap Singh President, SARAS, ICAR-NIASM	Introductory Remarks	10:10
	About the Webinar- Dr Jagadish Rane, General Secretary, SARAS, ICAR-NIASM	10:20
 Dr N Krishna Kumar Ex DDG (Horticulture), ICAR, Ex South Asia Representative, Biodiversity International	Crop wild relatives for biotic stress management	10:30
 Dr S. Dandin Ex Vice Chancellor, University of Horticultural Sciences, Bagalkot	Scope and opportunities offered by underutilised fruit crops	10:50
 Dr RK Singh Principal Scientist & Program Leader International Center for Biosaline Agriculture, Dubai	Crop Diversification to Augment Farmers Income in Saline, Drought and Heat Prone Stress Regions	11:10
 Dr Kuldeep Singh Director, ICAR- National Bureau of Plant Genetic Resources, New Delhi	Under utilised crops for enhancing farmers income-NBPGR efforts	11:30
 Dr Vilas Tonapy Director, ICAR-Indian Institute of Millet Research, Hyderabad	Underutilised millet crops: Renewed scope and opportunities for enhancing farmers income	11:50
 Mr Luis Salazar Licea Nottingham University, UK- PhD Scholar Lecturer Colima University Mexico	Underutilized crops, abiotic stress tolerance and realized benefits	12:10
Dr Himanshu Pathak Director, ICAR-NIASM	Concluding remarks	12:35
Dr Aliza Pradhan , Scientist, ICAR-NIASM	Vote of thanks	12:50

