

International Webinar : HPTTC 2020

Harnessing the Potential of Tropical Tuber Crops under Changing Climate



Save the Date: 27.10.2020 (Tuesday)
Time: 1.30 PM to 6.30 PM IST



SPEAKERS



Dr. Jan W. Low
World Food Prize Laureate
CIP, Kenya Centre



Dr. Arthur Villordon
Professor
Louisiana State University, USA



Dr. Al Imran Malik
Cassava Production Systems Specialist
CIAT, Vientiane Centre, Lao PDR



Dr. Joy G. Adiele
Systems Agronomist
NRCRI, Abia, Nigeria



Dr. Amele Asrat
Yam Breeder
IITA, Nigeria



Dr. C.A. Jayaprakas
Principal Scientist
ICAR-CTCRI, Kerala, India



Dr. M.N. Sheela
Principal Scientist
ICAR-CTCRI, Kerala, India



Dr. M.L. Jeeva
Principal Scientist
ICAR-CTCRI, Kerala, India

ORGANIZED BY

ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala, India
Indian Council of Agricultural Research, Ministry of Agriculture & Farmers Welfare, Government of India

About ICAR-CTCRI

ICAR-CTCRI, established in 1963 at Thiruvananthapuram, Kerala, India is a unique Institute of Indian Council of Agricultural Research (ICAR), Government of India, solely dedicated to conduct the R&D of tropical root & tuber (R&T) crops. With a vision of 'Root and tubers for ensuring better health, wealth generation and inclusive growth', the Institute is mandated for developing technologies for enhanced productivity and profitability by exploring the avenues for crop improvement, crop production, crop health management and value addition in tropical tuber crops. The Institute is being structured to enhance the capacity of scientists and other stakeholders mainly by imparting knowledge and by providing state-of-the-art facilities for multi-disciplinary research. It is progressing towards becoming a centre of excellence in advance research in tropical R&T crops with a vision to act as a platform for productive scientific exchange at the International level.

About the Webinar

Global warming mediated climate change is taking a serious toll on agricultural productivity across the globe, threatening the food and nutrition security. Yield losses in major crops are expected to range between 9 and 25%, whereas food demand is expected to increase by 2 folds by the end of the 21st century. Amidst COVID-19 situation, new issues are emerging in the field of agriculture and allied sectors. Tropical tuber crops are having a bright future in the years to come considering both the biotic as well as abiotic stresses which are occurring frequently in the recent years. This webinar is organized to give more insight into the novel approaches to enhance the productivity of tropical tuber crops by the use of modern breeding tools, efficient plant production systems and plant protection approaches under the whims of climate change. Scientific knowledge gained through decades of research could be employed across the globe to attain maximum yield potential of tropical tuber crops to ensure the food and nutrition security. In this context, the one day International Webinar on **Harnessing the Potential of Tropical Tuber Crops under Changing Climate** is organized with an objective to explore the status, challenges and opportunities of the Tropical Tuber Crops for the benefit of research fraternity across the globe.

ORGANIZERS

PATRONS



Dr. A. K. Singh
DDG (Hort. Sci.)
ICAR, New Delhi, India



Dr. Vikramaditya Pandey
ADG (Hort. Sci.)
ICAR, New Delhi, India

CHAIRMAN



Dr. V. Ravi
Director
ICAR-CTCRI, Kerala, India

CONVENERS



Dr. G. Byju
Principal Scientist
ICAR-CTCRI, Kerala, India



Dr. D. Jaganathan
Scientist
ICAR-CTCRI, Kerala, India

ORGANIZING SECRETARY



Dr. Sanket J. More
Scientist
ICAR-CTCRI, Kerala, India



Zoom Meeting ID: 813 8869 7633
Passcode: 695017

Register here: <https://argo.page.link/wtkcr> (Last date: 25 October 2020)

Zoom meeting link:

<https://us02web.zoom.us/j/81388697633?pwd=dzU3RVdrWlJHZTVzREIBRWxCTU9OUT09>

e-certificates will be provided to all the registered participants

Who can attend?

Researchers, Academicians, Policymakers, Students & other Stakeholders

Reach us @

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Inaugural Session

1.30 PM	Joining for Zoom meeting	Delegates and Participants
2.00 PM	Welcome Address	Dr. G. Byju Principal Scientist, ICAR-CTCRI, Kerala, India
2.05 PM	Introductory Remarks	Dr. V. Ravi Director, ICAR-CTCRI, Kerala, India
2.15 PM	Inaugural Address	Dr. A. K. Singh Deputy Director General (Horticultural Science) Indian Council of Agricultural Research New Delhi, India
2.25 PM	Special Address	Dr. Vikramaditya Pandey Assistant Director General (Horticultural Science) Indian Council of Agricultural Research New Delhi, India

Lead Talk

2.30 PM	Building Healthier Food Systems with Nutritious, Resilient Orange-fleshed Sweet Potato in Challenging Times	Dr. Jan W. Low World Food Prize Laureate and Principal Scientist International Potato Centre (CIP), Nairobi Centre, Kenya
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Technical Session I: Crop Improvement and Breeding Strategies

Moderator: Dr. A. Asha Devi, Principal Scientist, ICAR-CTCRI (Rapporteur: Dr. A. V. V. Koundinya)

3.00 PM	Breeding Strategies for Enhancing Yield and Quality Traits in Tropical Tuber Crops	Dr. M.N. Sheela Principal Scientist and Head, Division of Crop Improvement ICAR-CTCRI, Kerala, India
3.30 PM	Quantitative Optimization of Yam Breeding for Enhanced Food Security in Africa	Dr. Amele Asrat Yam Breeder, International Institute of Tropical Agriculture (IITA), Abuja Centre, Nigeria

Technical Session II: Integrated Crop and Soil Management

Moderator: Dr. G. Suja, Principal Scientist, ICAR-CTCRI (Rapporteur: Dr. J. Suresh Kumar)

4.00 PM	Agronomy and Management Options for Cassava in Variable Climate Scenario	Dr. Al Imran Malik Cassava Production Systems Specialist, Cassava Program Asia Regional Office, Alliance International Centre for Tropical Agriculture (CIAT), Vientiane Centre, Lao PDR
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4.30 PM	Modelling Nutrient Demand and Uptake in LINTUL-Cassava-NPK	Dr. Joy G. Adiele Systems Agronomist National Root Crops Research Institute (NRCRI) Abia, Nigeria
5.00 PM	Root System Architecture Changes in Response to Resource Availability Gradients: The Missing Link in Sink Strength Determination in Sweet Potato	Dr. Arthur Villordon Professor, Sweet Potato Research Station College of Agriculture Louisiana State University, Louisiana, USA

Technical Session III: Plant Health Management

Moderator: Dr. S. S. Veena, Principal Scientist, ICAR-CTCRI (Rapporteur: Dr. B. G. Sangeetha)

5.30 PM	Development of Eco-Friendly Strategies to Manage Emerging Pests in Tropical Tuber Crops under Changing Climate	Dr. C.A. Jayaprakas Principal Scientist and Head, Division of Crop Protection ICAR-CTCRI, Kerala, India
6.00 PM	Potential Strategies to Mitigate Emerging Diseases of Tropical Tuber Crops	Dr. M.L. Jeeva Principal Scientist, Division of Crop Protection ICAR-CTCRI, Kerala, India
6.30 PM	Vote of Thanks	Dr. D. Jaganathan , Scientist, ICAR-CTCRI

Organizing Committee

Patrons

Dr. A. K. Singh, DDG (Hort. Sci.), ICAR, New Delhi, India
Dr. Vikramaditya Pandey, ADG (Hort. Sci.), ICAR, New Delhi, India

Chairman

Dr. V. Ravi, Director, ICAR-CTCRI, Kerala, India

Conveners

Dr. G. Byju

Dr. D. Jaganathan

Organizing Secretary

Dr. Sanket J. More

Members

Dr. B. G. Sangeetha

Dr. A. V. V. Koundinya

Dr. J. Suresh Kumar

Virtual (Zoom) Meet Host

Shri. A. Madhu



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Reach us @

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