

International Symposium on Horticulture: Priorities & Emerging Trends
4th to 8th September, 2017

Venue: J. N.Tata Auditorium, NSS Complex, I.I.Sc., Bengaluru-560 012

Thursday, 08.09.2017

Technical Sessions

Concurrent Session

Session II: Genetic Improvement- Student's Presentations

Venue: Main Auditorium

Date: 08.09.2017

Time: 9.00- 11.00 AM

Chairman	Dr. C.P.A. Iyer, Former Director, ICAR-CISH, Lucknow	
Co Chairman	Dr. C.K.Narayana, ICAR-IIHR, Bengaluru	
Convener	Dr. K.M. Sankaran	
Rapporteurs	Dr. E. Srinivasa Rao Dr. Vasugi	
Invited paper		
Time	Topic	Speakers
9.00-9.20 AM	Potato Research and Development for improving food and income security in South West Asia (A557)	Mohinder Singh Kadian IPC (SWA) New Delhi
Student's oral papers		
9.20 -9.30 AM	Protection of Plant Genetic Resources in North East India : A legal perspective (A142)	Partha Pratim Medhi NE Hill University, Shillong
9.30 -9.40 AM	Studies on inter specific and inter varietal hybridisation in mango (<i>Mangifera indica</i>) (A 215)	M. Kishor Kumar ICAR-IARI, New Delhi.
9.40-9.50 AM	Alleviating in vitro shoot tip necrosis in grape cv. Red Globe (IS35)	N.C. Surakshitha TNAU, Coimbatore
9.50-10.00 AM	Qualitative characterization of Kerala collections of Rambutan (<i>Nephelium lappaceum</i> L.) (A12/IS5)	Sameer Muhamed College of Horticulture, KAU
10.00-10.10 AM	Evaluation of selected jackfruit (<i>Artocarpus heterophyllus</i> L.) accessions/varieties for quality attributes (IS40)	Aswini Ajith KAU, Vellayani
10.10-10.20 AM	Heterosis and combining ability studies in tomato for yield and quality traits (A196)	Manoj Kumar CoH, Mudigere
10.20-10.30 AM	Study of combining ability in diallel crosses of hot pepper (<i>Capsicum annuum</i> L.) for horticultural traits (A533)	S. Vijeth KAU, Vellayan
10.30-10.40 AM	Genetic variability, correlation and path coefficient studies in Okra (<i>Abelmoschus esculentus</i> L. Moench) genotypes (A414)	Rajeev Kumar Yadav ICAR-IARI, New Delhi
10.40-10.50 AM	Assessment of growing media on bulb and bulbing characteristics of <i>Lilium</i> (<i>Lilium longiflorum</i>) cv. Bach (A399)	Narendra Singh Bhandari G.B.P.U.A.&T., Pantnagar,
	Genome editing technologies and its applications in horticultural crop breeding (A171)	Manoj K. Nalla ICAR-IARI, New Delhi
	Pollen Viability and Storability of Sugar Apple (<i>Annona squamosa</i> L.) cv. Balanagar	Subhash Chander ICAR-IIHR, Bengaluru
10.50-11.00 AM	Discussion and Chairman Remarks	

Concurrent Session

Session III - Production Management- Student presentation

Venue: Seminar Hall-A

Date: 08.09.2017

Time: 9.00- 11.00 AM

Chairman	Dr. H. Ravishankar, Head, Div. of Fruit Crops, ICAR-IIHR, Bengaluru	
Co Chairman	Dr. Jill Stanley, Secretary, ISHS	
Convener	Dr. R. Venugopal	
Rapporteurs	Dr. K. Padmini Dr. Smaranika Mishra	
Student's oral papers		
Time	Topic	Speakers
9.00-9.10 AM	Physio-biochemical responses of polyembryonic mango (<i>Mangifera indica</i> L.) genotypes to varying levels of salinity (A547)	P. K. Nimbolkar ICAR-IIHR, Bengaluru
9.10-9.20 AM	Effect of foliar application of micronutrients on yield of mandarin orange (<i>Citrus reticulata</i> Blanco.) (A100)	C.J. Nithin Kumar TNAU, Periyakulam
9.20 -9.30 AM	Effect of gamma ray irradiation and cryopreservation on pollen stainability, <i>in vitro</i> germination and fruit set in Pomegranate (A674)	Banoth Shiva ICAR-IIHR, Bengaluru
9.30 -9.40 AM	Study on the comparative performance of drip irrigation and basin irrigation on soil moisture content, water requirement and water use efficiency of peach (<i>Prunus persica</i> (L.) Batsch.) cv. Redhaven (A102)	Pramod Verma Dr. YSPUH&F, Solan
9.40-9.50 AM	Use of plant growth regulators in onion (A145)	Jyothi Baby PDKV, Akola
9.50-10.00AM	Sustainable production of ridge gourd (<i>Luffa acutangula</i> Roxb.) as influenced by organic inputs (A78)	Nishant Barik AAU, Jorhat
10.00-10.10 AM	Effect of different planting times and mulching materials on flower quality and yield of China aster cultivars (A174)	A. A. Bajad Dr. YSPUH&F, Solan
10.10-10.20 AM	Effect of pinching and gibberellic acid on floral and yield attributes of African marigold under summer conditions (A182)	Sonu Sheoran, College of Agriculture CCSHAU, Hisar
10.20-10.30 AM	Quality performance of turmeric transplants (<i>Curcuma longa</i> L.) under fertigation system (A24)	K.S. Sangeetha KAU, Thrissur
10.30-10.40 AM	Bush pepper-An emerging trend in pepper cultivation. (A73)	Dharini Chittaragi KAU, Thrissur.
	Variable Rate Application (VRA) in Precision Horticulture: The Need of an Hour (A137)	Saheb Pal ICAR-IIHR, Bengaluru
	Bioprospecting: A strategy to mitigate future challenges of Indian Agriculture (A143)	Amarjeet Kumar Rai ICAR-IIHR, Bengaluru
Invited paper		
10.40-11.00 AM	Climate Resilience in Horticulture	A. Arunachalam DARE & ICAR
11.00 -11.10AM	Discussion and Chairman Remarks	

Concurrent Session

Session VI: Applications of ICT in Horticulture

Venue: Seminar Hall-C Date: 08.09.2017 Time: 9.00 AM to 11.00 AM

Chairman	Dr. B. N. S. Murthy, Horticulture Commissioner, GoI, New Delhi	
Co Chairman	Dr K. V. Prasad, Director, ICAR- DFR, Pune	
Convener	Dr. D. Srinivasamurthy	
Rapporteurs	Dr. B. Balakrishna Mr. Malay Bisht	
Oral Papers		
Time	Topic	Speakers
9.00-9.10 AM	Application of Remote Sensing in Fruit Production (A365)	B. Shaili Kumari ICAR-IIHR, Bengaluru
9.10-9.20 AM	Intervention of precision farming in cashew (A452)	A. Roy, OUAT, Bhubaneswar
9.20-9.30	Contribution of Information and Communication Technologies for horticulture farmers in India (A157)	Anupama SKRAU, Sriganaganagar,
9.30-9.40 AM	Temperatures zoning and its trend analysis for horticulture crops in north-west India using GIS in context to climate change (A663)	Mohan Singh, CCS HAU, Hisar
9.40-9.50 AM	Remote sensing and geographical information system in Horticulture (A14)	Mukesh K. Meena ICAR-CIAH, Bikaner
9.50-.10.00 AM	Discussion &Chairman Remarks	

Concurrent Session

Session VII: Participatory technology development, adoption and gender issues

Venue: Seminar Hall-B

Date: 08.09.2017

Time: 9.00- 11.00 AM

Chairperson	Dr. (Mrs.) N. Sandhya Shenoy, Ex-Head, ESM, NAARM, Hyderabad	
Co-Chairperson	Dr. Leela Sahijram, Head, Div. of Biotechnology, ICAR-IIHR, Bengaluru	
Convener	Dr. Sudha Mysore	
Rapporteurs	Dr. Soudamani Mohapatra Dr. Achala Paripurna	
Invited papers		
Time	Topic	speakers
9.00-9.20 AM	Gender issues in Horticulture	N. Sandhya Shenoy NAARM, Hyderabad
9.20-9.40 AM	A professional approach for plant protection: Post graduate programme in plant medicine (A236)	A.B.Patil UAS, Bengaluru
Oral papers		
9.40-9.50 AM	Mango cultivation in Karnataka: An Economic Analysis (A308)	M. G. Kerutagi College of Horti., Bagalkot
9.50-10.00 AM	Efficiency of production and export competitiveness of tomato in India (A709)	D. Sreenivasa Murthy ICAR-IIHR, Bengaluru
10.10-10.20 AM	Satisfaction level of potato contract farmers compared to non-contract farmers in Banaskantha district of North Gujarat (A158)	Baljeet Singh Sardar Patel University Vallabh Vidyanagar
10.10-10.20 AM	Effect of front line demonstrations on yield enhancement of kachri (<i>Cucumis cellosus</i>): A case study in arid zone of Rajasthan (A197)	M. L. Meena ICAR-CAZRI, KVK, Pali
10.20-10.30 AM	Smallholder farmers' adoption of vegetable production technologies in Babati district, Tanzania (IS29)	Ochieng Justus Tanzania
10.30-10.40 AM	Impact of technology dissemination on livelihood promotion through Floriculture (A569)	D.K.Mishra KVK, Kasturbagram, Indore
10.40-10.50 AM	Chairman Remarks	