

Second International Conference on Horticulture, 2023

[3-4 April, 2023]

Godavari Village Resort, Lalitpur, Nepal

Day 1 (03 April 2023): Arrival of Participants and Conference Inauguration

Chairperson: Mr. Gopal Prasad Shrestha, President, NHS

Master of Ceremony: Dr. Ranjana Rawal, NHRC

Activity	Time
Arrival of delegates and participants	
Registration	08.00-08.30
Breakfast	08.30-09.00
Seat taking	09.00-09.15
Felicitation to Chief guest and guest of honor	09.15-09.25
National Anthem	09.25-09.30
Welcome and Conference objectives by Basu Dev Kaphle, Chief, NCPVSCD, Kirtipur	09.30-09.40
Inauguration of the Conference by Chief guest	09.40-09.45
Status of Horticulture in Nepal by Ram Bahadur KC, NHS	09.45-10.00
Memento Presentation to Past Presidents	10.00-10.20
Few words from Past President : Mr. Mohan Bahadur Thapa	10.20-10.30
Remarks by Special Guest : Dr. Govinda Prasad Sharma, Secretary, MoALD	10.30-10.40
Remarks from Chief Guest	10.40-10.50
Vote of Thanks by Mr. Rajendra Koirala, Chief, NCFD, Kirtipur	10.50-10.55
Chairperson's Remarks and Closing	10.55-11.00
Tea/Coffee Break	11.00-11.30

Day 1 (03 April 2023): Presentation of Thematic Papers

Session I: Plenary

Chairperson: Dr. Shanta Karki, DDG, DoA

Rapporteurs: Mr. Padam Prasad Adhikari and Mr. Sudhir Shrestha

Activity	Time	Responsible Person
Vegetable Development in Nepal: Achievements and future strategy	11.30-11.45	NCPVSCD
Fruit Crop development in Nepal: Achievements and future strategy	11.45-12.00	NCFD
Horticultural Research in Nepal: Achievement and future strategy	12.00- 12.15	Dr. Tek Pd. Gotame
Insight into Undergraduate Courses of Horticulture in Higher Agriculture Education Institutions of Nepal	12.15-12.30	Dr. Kishor Chandra Dahal
Floriculture Industry in Nepal	12.30-12.45	Lok Nath Gaire
Discussion and closing of the session	12.45-13.00	All Participants
Lunch break	13.00-14.00	All Participants

Session II: Plenary (Country paper presentation)

Chairperson: Mr. Bhairab Raj Kaini

Rapporteurs: Mr. Padma Nath Atreya and Ms. Suprabha Pandey

Activity	Time	Presenter
Advances in Horticulture Research and Development in Bangladesh	14.00-14.15	Dr. Md. Saleh Ahmed
Horticulture Scenario in Bhutan	14.15-14.30	Ms. Hema Devi Nirola
Status of Horticulture in Pakistan	14.30-14.45	Prof. Dr. Tanveer Ahmad
Status of Horticulture in Sri Lanka	14.45-15.00	Prof. Dr. K. Yakandawala
Discussion and closing of the session	15.00-15.15	All Participants
Tea/Coffee Break	15.30-15.45	All Participants

Session III: Plenary (Thematic papers)

Chairperson: Dr. Hari Bahadur KC, Officiating DG, DoA

Rapporteurs: Mr. Toya Nath Joshi and Mr. Dol Raj Pandey

Activity	Time	Presenter
Impacts of climate change on agriculture sector in Nepal	15.45-16.00	Dr. Rijan Bhakta Kayastha
Impact of climate change on seasonal and perennial crops	16.00-16.15	Dr. Bimal Regmi
Horticultural plant biodiversity, their conservation and breeding research in Nepal	16.15-16.30	Dr. Bal Krishna Joshi
Horticulture in the Vedic Civilization: Biodiversity Conservation Perspective	16.30-16.45	Mr. Basu Dev Kaphle
Discussion and closing of the session	16.45-17.00	All Participants

Day 2 (04 April 2023): Presentation of Technical Papers

Session I (Technical Papers: Biodiversity and Climate change/Fruit/Ornamental): Parallel Session (Garden Hall)

Chairperson: Prof. Dr. Arjun Kumar Shrestha

Rapporteurs: Mr. Sudeep Devkota and Mr. Madhusudan Ghimire

Activity	Time	Responsible Person
Breakfast	08.00-09.00	All Participants
Climate Change and its Impact on Fruit and Vegetable Production in Nepal	09.00-09.10	Krishna Prasad Sapkota
Genetic fidelity study of micro-propagated plants of Kiwifruit (<i>Actinidia deliciosa</i> cv. Hayward) using RAPD, ISSR, and SSR markers	09.10-09.20	Bal Kumari Oliya
Road Accessibility to Potential Suitability Areas of Fruit Commodity in Hilly Areas of Nepal	09.20-09.30	Hari Krishna Dhonju
Nutritional Diversity of Dragon Fruit <i>Hylocereus polyrhizus</i> (Weber) Britton & Rose from Different Locations of Nepal	09.30-09.40	Rupak Budhathoki
Assessment of Adoption of Sweet Orange (<i>Citrus sinensis</i> L. Osbeck) Orchard Management Practices in Ramechhap District, Nepal	09.40-09.50	Dikshya Poudel
Discussion and closing of the session	09.50-10.00	All Participants
Tea/Coffee Break	10.00-10.25	All Participants

Session II (Technical Papers: Biodiversity and Climate change/Vegetables/Spices): Parallel Session (Amarawati Hall)

Chairperson: Dr. Bhim Bahadur Khatri

Rapporteurs: Ms. Pratiba Khanal and Mr. Deepak Paudel

Activity	Time	Responsible Person
Breakfast	08.00-09.00	All Participants
Impact of Winter Vegetable as Intercrops in the Profitability of Sugarcane Farms	09.00-09.10	Abhisek Shrestha
Akabare Chili can Amplify the Household Income of Nepalese Farmers in Hilly Areas	09.10-09.20	Damodar Poudyal
A low-cost medium for potato micro-propagation	09.20-09.30	Anuja Rijal
Promotion of Community Based Seed Potato Production (CBSP) Technologies in the High Hills of Nepal for Food Security Improvement in the hilly regions of Nepal	09.30-09.40	Dr. Giridhari Subedi
Diversity assessment and elite line selection of brinjal accessions collected from different districts of Nepal	09.40-09.50	Ram Prasad Mainali
Discussion and closing of the session	09.50-10.00	All Participants
Tea/Coffee Break	10.00-10.25	All Participants

Session III (Technical Papers: Production Issues and Cross Cutting/Fruit/Vegetables): Parallel Session (Garden Hall)

Chairperson: Prof. Dr. Resham Bahadur Thapa

Rapporteurs: Ms. Reeti Singh and Mr. Bishal Shrestha

Activity	Time	Responsible Person
Screening of Different Guava Fruit Genotype Against Guava Mealybug	10.25-10.35	Bikash Bhusal
Mandarin Yield Loss and Pupal Density Assessment of Chinese Fruit Fly at Citrus Pockets of Gandaki Province, Nepal	10.35-10.45	Kashinath Chiluwal
Experiences of Asian Citrus Psyllid Biological Control in California	10.45-10.55	Raju Raj Pandey
Emerging Pest Threats in Citrus Fruit and Their Management in Nepal	10.55-11.05	Debraj Adhikari
Monitoring of Chinese citrus fly, <i>Bactrocera minax</i> (Enderlein) pupae in sweet orange (<i>Citrus sinensis</i> (L.) Osbeck) orchards as a pest management decision tool in Nepal	11.05-11.15	Sushmita Sharma
Promising Top Ten Underutilized wild Edible Fruits of Nepal	11.15-11.25	Hari Krishna Saiju
Discussion and closing of the session	11.25-11.35	All Participants
Tea/Coffee Break	11.35-11.50	All Participants

Session IV (Technical Papers: Horticultural Biodiversity): Parallel Session (Amarawati Hall)

Chairperson: Dr. Balkrishna Joshi

Rapporteurs: Mr. Balkrishna Adhikari and Mr. Bikash Kharel

Activity	Time	Responsible Person
Wild edible food plants and their utilization trends in Nepal	10.25-10.35	Pradip Thapa
Conservation of horticultural genetic resources: a case study of Nepal Gene bank	10.35-10.45	Ram Prasad Mainali
Horticultural crop wild relatives: efforts for conservation in Nepalese context	10.45-10.55	Deepa Singh Shrestha
Genetic Homogeneity Assessment of In Vitro Propagated <i>Vitis vinifera</i> 'Himrod'	10.55-11.05	Bijula Neupane
Agro Morphological Diversity of Locally Available French Bean in Eastern Hills of Nepal	11.05-11.15	Mahima Gotame
Species richness and use values of wild and non-cultivated vegetables in Nepal	11.15-11.25	Ram Bahadur KC
Discussion and closing of the session	11.25-11.35	All Participants
Tea/Coffee Break	11.35-11.50	All Participants

Session V (Technical Papers: Marketing and Post-harvest/Fruit/Vegetables: Production issues): Parallel Session (Garden Hall)

Chairperson: Mr. Kaushal Kumar Poudel

Rapporteurs: Mr. Dinesh Sapkota and Mr. Padam Bahadur Subedi

Activity	Time	Responsible Person
Citrus Industry Value Chain Development in Nepal	11.50-12.00	Khem Raj Joshi
Understanding Bud Fruitfulness and Importance of GA3 Application(s) in Successful Grapevine Cultivation	12.00-12.10	Anil Kumar Acharya
Comparison between red and yellow sweet pepper (<i>Capsicum annum</i> L.) cultivars in extended storage at sub-optimal temperature	12.10-12.20	Kumar Lama
Performance and Post-Harvest Evaluation of Sweet Pepper Genotypes	12.20-12.30	Ranjana Rawal
Digital Soil Maps: Its use for Managing Horticultural Crops	12.30-12.40	Shree Prasad Vista
Evaluation of Different Sweet Potato Genotypes in Mid-Hill Environment of Khumaltar, Lalitpur	12.40-12.50	Prakash Bhattarai
Discussion and closing of the session	12.50-13.00	All Participants
Lunch Break	13.00-14.00	All Participants

Session VI (Technical Papers: Marketing and Post-harvest/Fruit/Vegetables): Parallel Session (Amarawati Hall)

Chairperson: Prof. Dr. Durgamani Gautam

Rapporteurs: Mr. Sanjay Dhimal and Ms. Tara Sharma

Activity	Time	Responsible Person
Post-harvest Treatment of Different Concentrations of Gibberellic Acid on Physicochemical Characteristics and Shelf Life of Mango (<i>Mangifera indica</i> L. cv. Malda)	11.50-12.00	Bidhya Poudel Chhetri
Effect of Different Plant Extracts and KMnO ₄ in the Shelf Life and Quality of Banana cv. Malbhog	12.00-12.10	Gayatri Majhi

Activity	Time	Responsible Person
Post-harvest losses of plum fruits cv. 'Methley' of different harvesting stages in two storage conditions	12.10-12.20	Kalika Prasad Upadhyay
Year Round Production of Vegetables Under Naturally Ventilated Poly House in Mid Hill Region of Kaski, Nepal	12.20-12.30	Santosh Lohani
Postharvest Loss Assessment of Potato Genotypes under Ordinary Storage Condition in Dhading and Tanahun District of Nepal	12.30-12.40	Neela Paudel
Value Chain Analysis of Fruit and Vegetable Sub-Sector to Enhance their Competitiveness along the Corridor of Ratna Highway	12.40-12.50	Pradeep Raj Rokaya
Discussion and closing of the session	12.50-13.00	All Participants
Lunch Break	13.00-14.00	All Participants

Session VII: Poster Presentation and Evaluation (14.00- 15.30)

Coordinators: Dr. Kishor Chandra Dahal, Dr. Tek Prasad Gotame & Padma Nath Atreya

Activity	Responsible Person
Effects of fermented banana pseudo-stem sap <i>Musa acuminata</i> L. on the growth and yield attributing characters of Marigold var. Karma 555 - Orange in Chitwan, Nepal	Aman Mehta
Graded Level of Nitrogen and Mulching on Growth and Yield Parameters of Tomato (<i>Solanum lycopersicum</i> L.) in Arghakhanchi, Nepal	Aakriti Kafle
Economic Analysis of Using Subsidized Organic Fertilizer in Vegetables	Niraj KC
Performance of Lettuce (<i>Lactuca sativa</i> L.) Genotypes under Poly House and Open Field Condition in Nuwakot District	Sarjit Pandey
Performance of Potato (<i>Solanum tuberosum</i> L.) under Different Mulching Conditions and Zinc Levels at Rolpa, Nepal	Muna Aryal
Efficacy of Different Concentration of Calcium Chloride on Post-Harvest Quality of Tomato (<i>Solanum Lycopersicum</i> L)	Sabnam Subedi
Choice Test of Lady Bird Beetle against Three Different Species of Aphids	Kedipananda Lawati
Effect of Organic Manures and Inorganic Fertilizers on Growth and Flower Yield of Marigold (<i>Tagetes erecta</i> L.) var. Goldsmith	Krishna Dahal
Storability of potato varieties under different storage conditions in Bhaktapur, Nepal	Pragati Dahal
Effect of Pinching on Plant Growth, Yield and Quality of Different Varieties of Okra (<i>Abelmoschus esculentus</i> , L. Moench)	Dipak Kattel
Evaluation of Soil Fertility Status of Large Cardamom's (<i>Amomum subulatum</i> Roxb.) Field Under Different Shades Trees at Bhojpur, Nepal	Samiksha Upreti
Assessment of Potato Farmers Perception and Practices on Management of Red Ant (<i>Dorylus Orientalis</i> Westwood) in Dailekh District	Priyanka Gautam
Economic analysis of potato production in Panchthar district, Nepal	Sristi Thapa
Storability of Potato Varieties under Different Storage Conditions in Bhaktapur, Nepal	Pragati Dahal
Efficacy Testing of 'Soft' Pesticides for the Management of Cabbage Butterfly (<i>Pieris brassicae nepalensis</i> Doubleday) in Salyan, Nepal	Biju Adhikari
Establishment of an efficient mass-scale propagation protocol for three different apple rootstocks cultivars - <i>Malus prunifolia</i> , <i>Malus sylvestris</i> , and M9	Bal Kumari Oliya
Prevalence of Land Snails and Farmers' Practice Towards the Management of Giant African Snail, <i>Achatina Fulica</i> Bowdich at Kitchen Garden in Kapilvastu, Nepal	Dipak Khanal

Session VIII: Conference Output Discussion & Conclusion

Coordinators: Mr. Kaushal Kumar Poudel & Dr. Mahendra Khanal

Activity	Time
All participant divided into 4 groups (Climate change and biodiversity, Fruits, Vegetables & Flowers), discuss and develop written output	15:00-16:30

Session IX: Closing Session

Chairperson: Mr. Gopal Prasad Shrestha, President, NHS

Activity	Time
Awarding the Winner of Poster Presentation	16:30-16:35
Token of Love to Delegates	16.35-16.40
Presentation of conference findings	16.40-17.00
Remarks from Chief Guest: Dr. Govinda Pd. Sharma, Secretary, MoALD	17:00-17:10
Chairperson Remarks and closing the Conference	17.10-17.15
Farewell Dinner	17.15 onward