

NATIONAL HORTICULTURE SEMINAR 2076 (2020) COMMITTEES:

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Dr. Umed Pun
Mr. Padma Nath Atreya



Presentations in Seminar

A. Thematic Paper

1. Present Structure of Horticulture, Gaps and Need for Restructuring in the Context of Federal System for Horticultural Development: Mr. Bhairab Raj Kaini, Dr. Shanta Karki, Dr. Kamal Raj Gaire, and Mr. Hari Prasad Gurung
2. Present Status of Horticultural Research and Development and Need of Functional Coordination Among Research, Education and Extension: Mr. Mohan B. Thapa, Dr. Hari Bahadur K.C., Dr. Dhruva Raj Bhattarai, Dr. Puspa Raj Paudel, and Mr. Sanjay Dhimal

B. Strategic and Review Papers

1. Prospect and Challenges of Vegetable Seed Production and Marketing in Nepal: Mr. Kaushal Kumar Poudel, Dr. Kamal Raj Gaire, and Mr. Durga Adhikari
2. SWOT analysis of Precision and Protected Horticulture in Nepal: Sustainability and Future Needs: Mr. Padma Nath Atreya, Mr. Arun Kafle, Mr. Bashant Shrestha, and Mr. Rajendra Jhung Rayamajhi
3. Citrus Export to China: Opportunities, Challenges and Way Forward: Dr. Krishna P. Paudyal, Dr. Umesh Acharya, Mr. Rajendra Koirala, and Mr. Mahesh Chandra Acharya
4. Importance and use of Cold Chain in Horticultural Crops: Prof. Dr. Durga Mani Gautam
5. Emerging New Fruits: Kiwi fruit, Dragon Fruit, Avocado and Pomogranate: Opportunities, Challenges and Way Forward: Mr. Padma Nath Atreya, Mr. Chandra Man Shrestha, Mr. Basu Dev Suvedi, and Dr. Surya Prasad Pandey

C. Technical Papers

1. Recent Technologies and Varietal Development of Vegetable Crops in Nepal: Dr. Iswori Gautam, Dr. S.L. Shrestha, Ms. Suprabha Pandey, Mr. D Ghimire, and Ms. M. Dhakal.
2. Recent technology development and research status of fruit crops in Nepal: Dr. S.L. Shrestha, Dr. Iswori Gautam, Ms. Mira Dhakal, Ms. Sujata Paudel, and Ms. Suprabha Paney.
3. High Density Cultivation of Selected Fruit Crops: Opportunities and Challenges in Nepal: Dr. Giri Dhari Subedi, Mr. Padma Nath Atreya, Mr. ChutrajGurung, Mr. Yuba Raj Gurung, Mr. Raj Kumar Giri
4. Effect of Foliar Spray of Boron and Zinc on the Fruit Quality of Papaya (Carica papaya L.): Mr. Arjun Subedi, Prof. Dr. Arjun Kumar Shrestha, Prof Dr. Kalyani Mishra, and Mr. Bishal Shrestha.
5. Influence of GA3 and NAA on Tomato Production Under Protected Cultivation in Kaski Nepal: Mr. Ritesh Kumar Jha, Prof. Dr. Arjun Kumar Shrestha, Mr. Baikuntha Adhikari, and Mr. Basanta K. Shrestha
6. Receded Sweet Orange Losses from Chinese Citrus Fly, Bactrocera minax (Enderlein) in Sindhuli Citrus Orchards: Lessons from Area-Wide Control Program: Mr. Devraj Adhikari, Dr. Resham B. Thapa, Dr. Samudra Lal Joshi, Dr. Jason Jinping Du, and Dr. Umesh Kumar Acharya
7. Morphological characterization and genetic diversity mapping of local mango genotypes using microsatellite (SSR) markers in Far Western hills, Nepal: Mr. Bhawani Pandey, Dr. Bal Krishna Joshi, and Dr. Puspa Raj Poudel
8. Performance of exotic varieties of Strawberry (Fragaria ananassa) under open and protected condition in Kathmandu Valley: Mr. Arpan Shrestha, Dr. Rajendra Gautam, and Dr. Kishor Dahal
9. Smart Agriculture and Safe Vegetable production: Good Agricultural Practices Developed by CEAPRED: Mr. Keshab Datta Joshi, Mr. Anil Acharya, Mr. Sunil Dhungel, and Mr. Kiran Bhusal.
10. Status of Fruit Decade: Focused Program for Import Substitution of Major Fruits: Dr. Ramita Manandhar, Mr. Mohan Bahadur Thapa, Dr. Shanta Karki, and Ms. Yam Kumari Shrestha.

D. Status Papers on Horticulture from Provinces and Central Offices

1. Present Status, Required Policy and Strategy for Horticultural Commodity Research and Development in the Province: Province 1, Province 2, Province 3, Province 4, Province 5, Province 6, and Province 7 (Presented by representative from each Provinces).
2. Status and Prospects of Root and Tuber Crops in Nepal: Mr. Hari Prasad Gurung, Mr. Indra Raj Pandey, Mr. Gopal Prasad Shrestha, Mr. Sanjaya Dhimal.
3. Present Status of Horticultural Commodities in Prime Minister's Agriculture Modernization Project and Its Sustainability: Dr. Rebati Raman Paudel, Mr. Mahendra Nath Poudel, and Mr. Sunil Singh

E. Poster Presentation

All together 20 poster presentation in the field of horticulture only.

National Horticulture Seminar, 2076 (2020)

Theme: "Development of Horticulture in Federal Nepal: Opportunities, Challenges and Way forward"



Date: Magh 23-24, 2076

[6th - 7th February, 2020]

Venue: Seminar Hall of Warm Temperate
Horticulture Centre, Kirtipur, Kathmandu

JOINTLY ORGANIZED BY:

Nepal Horticulture Society (NHS),
National Centre for Fruit Development (NCFD),
National Centre for Potato, Vegetable and Spice Crop
Development (NPVSCD)

NEPAL HORTICULTURE SOCIETY (NHS)

Nepal Horticulture Society is an independent non-governmental organization that holds together all horticulturists working in diverse field of horticulture including Governmental organizations, academic institutions, I/NGOs and private business. The main purpose of this organization is to promote and encourage national interest in horticulture. The society was established in 1990 with the following specific objectives:

OBJECTIVES:

- To enhance public awareness towards the importance of horticulture,
- To promote and develop linkages with related national and international institutions/organizations/societies,
- To advise and provide inputs to governmental and non-governmental organizations in planning and execution of horticulture development programmes,
- To encourage and recognize professional horticulturists for their contribution and dedication in developing horticulture sector in Nepal
- To create conducive environment for the development of horticulture in Nepal,
- To develop a strong work ethic in horticulture,
- To promote horticulture as an integral part of environmental conservation activity.

ACTIVITIES:

- Dissemination of technology through its various publications, workshop proceedings Journals, and Technical books etc,
- Establishment of linkages with different agencies involved in horticulture,
- Arrangements of awards and scholarships to encourage and recognize horticulturists and students of advance horticulture study,
- Organization of seminar/workshops on horticulture and related subjects,
- Collection of biodata of professional horticulturists and publish as national roster,
- Consultancy services.

10th EXECUTIVE COMMITTEE:

For executive functions, the society has an Executive Committee as follows:

Post	Name	Mob number	E-mail
President	Mr. Indra Raj Pandey	9841305131	pandeyindraraj1947@gmail.com
Vice President	Prof. Dr. Arjun Kumar Shrestha	9855052791	akshrestha@afu.edu.np
General Secretary	Mr. Rajendra Koirala	9855051884	rajendrakil@gmail.com
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Member	Dr. Bishnu Chapagain	9851100095	bishnu.bgu@gmail.com
Member	Mr. Arun Khanal	9851222990	arunkhanaloom@gmail.com

MEMBERS:

There are about 255 life members from various institutions such as MoALD, DoA, NARC, IAAS, ADBIN, AIC, SEAN, NGOs, INGOs, and free lancers.

FINANCIAL RESOURCES:

- Grants from national and international donor agencies and governments,
- Membership fees,
- Funds obtained from consultancy services,
- Sales of publications, advertisement and etc.
- Individual donors and contributors

AWARDS AND SCHOLARSHIP ESTABLISHED

Nepal Horticulture Society has established following awards and scholarship which is distributed every year from the interest earned from the fixed deposits by the following contributors:

1. Gauri Rani-Shiva Nepali Pradhan Excellence Award in Horticultural Education (M. Sc.) Rs 2 Lakhs sponsored by Mr. Shiva Bahadur Nepali Pradhan
2. Best Organic Grower of the Year Award, Madan Rai Rs 1 Lakh- sponsored by Mr. Madan Kumar Rai
3. Anant Bahadur Shrestha Award- Apple growers, across Himalayan Districts Rs 3 Lakhs- sponsored by Dr. Anant Bahadur Shrestha

Nepal Horticulture Society welcomes such awards and scholarship by the donors for the prosperity of Horticulture Research, Education and Extension

Please send your abstract and full paper to: nepalesehort.journal@gmail.com

OFFICE ADDRESS:

NEPAL HORTICULTURE SOCIETY

Lalitpur, Nepal

E-mail: nepalesehorticulture@gmail.com, Web site: www.horticulturenepal.com

NATIONAL CENTRE FOR FRUIT DEVELOPMENT (NCFD)

The National Centre for Fruit Development (NCFD) is the Federal Government's authority under the Department of Agriculture, Ministry of Agriculture and Livestock Development for overall development of the fruit sector in Nepal. After the political and administrative restructuring of the country, former Fruit Development Directorate, National Citrus Development Program and Coffee and Tea Development Section were merged to a single organization as National Centre for Fruit Development in July, 2018 (Ashadh, 2075). The NCFD office is located in Kirtipur, Kathmandu. The centre is responsible for formulation of plans, policies, directives and regulations regarding quality of planting materials, development and dissemination of advanced technologies for commercial fruit production and preparation of technical materials in various forms. The centre coordinates and prepares balance sheet of fruit saplings to smoothen demand and supply of the planting materials. Other roles of the

centre include but are not limited to establishment of technical linkage with various governmental line agencies, research organizations, academic institutions, I/NGOs and private sectors for effective implementation of fruit production and development programs; providing of fruit specific technical training to lead farmers and entrepreneurs; providing technical support and expert advice to nursery owners and fruit growers; intensive monitoring and evaluation of the government horticultural farm centres to provide policy and program related feedback and guidance; monitoring of the private nurseries and orchards for technical backstopping; collection and compilation of the national fruit data.

There are five horticultural farms under NCFD located in different parts of the country working as a resource centre for production of quality fruit saplings and providing technical services to farmers.

1. Warm Temperate Horticulture Center, Kirtipur, Kathmandu
2. Tropical Horticulture Center, Nawalpur, Sarlahi
3. Temperate Horticulture Development Center, Marpha, Mustang
4. Citrus Development Center, Palpa
5. Coffee Development Center, Gulmi

Website: ncfd.gov.np, E-mail: ncfd.gov.np@gmail.com

NATIONAL CENTRE FOR POTATO VEGETABLE AND SPICE CROP DEVELOPMENT (NCPVSD)

The National Centre for Potato, Vegetable and Spice Development (NCPVSD) is the Federal Government's unit under the Department of Agriculture, Ministry of Agriculture and Livestock Development for overall development of the potato, vegetable and spice crops sector in Nepal. The NCPVSD office is located in Kirtipur, Kathmandu. The centre is responsible for formulation of plans, policies, directives and regulations regarding production and distribution of plant propagation materials of vegetables, potato and spice crops; provide specialist services related to these crops; identification of the problems related to potato, vegetable and spice crops and providing policy suggestions to the Department of Agriculture. Other roles of the centre include establishing technical linkage with various governmental line agencies, research organizations, academic institutions, I/NGOs and private sector for effective implementation of vegetable, potato & spice production and development programs; providing specific technical training to lead farmers and entrepreneurs on three major sector i.e. vegetable, potato and spice crop; providing technical support and expert advice to commercial vegetable, potato and spice crop growers; intensive monitoring and evaluation of the government horticultural farm centres to provide policy and program related feedback and guidance; monitoring of the private vegetable and potato seed grower for technical backstopping; collection and compilation of the national vegetable potato and spice crop data.

Website: vdd.gov.np, E-mail: npvsckhumaltar@gmail.com

11th NATIONAL HORTICULTURE SEMINAR 2076 (2020)

Introduction:

The joint meeting of Nepal Horticulture Society (NHS), National Centre for Fruit Development (NCFD) and National Centre for Potato, Vegetable and Spice Crop Development (NCPVSD) held on 13th Paus, 2076 (December 29, 2019) at the National Centre for Fruit Development, Kirtipur decided to organize an Interactive National Horticulture Seminar with the involvement of all experts, agribusiness and entrepreneurs in the field of horticulture and allied field during 4th week of Magh, 2076, as per the approved Annual Program of 2076/77.

Objectives:

1. To provide constructive suggestions to the Government to improve the present gaps and anomalies in the organizational structure of Agriculture Research, Education and Extension
2. To recommend policies and strategies to strengthen the horticulture development programs implemented by central, provincial and local government and improve coordination for import substitution and export promotion of horticultural commodities.
3. To analyze the existing situation and recommend ways and means to concerned authorities to implement integrated and coordinated programs in Research, Education and Development.

Organizers: Nepal Horticulture Society, National Centre for Fruit Development, National Centre for Potato, Vegetable and Spice Crop Development.

Date: Magh 23 – 24, 2076 (February 6-7, 2020)

Venue: Warm Temperate Horticulture Centre, Kirtipur

Theme: "Development of Horticulture in Federal Nepal: Opportunities, Challenges and Way forward"

Presentation: Thematic papers-2, Strategic and Review Papers-8, Technical Papers-10 and Provincial presentation-7 and Poster presentation-20.