



Horti India 2017

Workshop cum Exhibition
9th - 10th February, 2017

Conventional and Alternative Horticultural Production Systems

- › Live Crops
- › Trainings and Demonstrations
- › National and International Experts



Organizer



Institute of
Horticulture Technology

ISO 9001 : 2008

Co-organizer



Department of Agriculture Cooperation & Farmers' Welfare
(Mechanization & Technology Division)
Ministry of Agriculture and Farmers' Welfare, Govt. of India

Supported by



Ministry of Consumer Affairs,
Food and Public Distribution,
Govt. of India



Ministry of Food
Processing Industries,
Govt. of India



Background

Horticultural production surpassed that of food crops in India for the first time during 2013-14 and the trend continued during 2014-15 with total production of 283.5 million tons. The share of horticulture in agriculture GDP is now more than 33 percent. Horticultural crops provide gainful employment for small farmers and agricultural labour throughout the year. One hectare of fruit production generates 860 man-days per annum as against 143 man-days for cereal crops.

The importance of horticulture is substantiated by its benefits like high export value, high per unit area yield, high returns per unit area, best utilization of wasteland, provision of raw materials for industries etc. As a result the importance of Horticulture is being realized at all levels, be it a small or a large farmer, the corporate sector or the policy planners.

Even with the significant increase in production area and productivity of horticultural crops, there are areas which need serious attention such as:

- Low productivity and profitability in most horticulture crops
- Technology gaps
- Inadequate skilled workers
- Climate changes and erratic weather pattern
- Inappropriate irrigation and nutrient management
- Post harvest management and marketing

There is also a concern of youth leaving farming and moving to the cities for other jobs.

About Organiser: Institute of Horticulture Technology

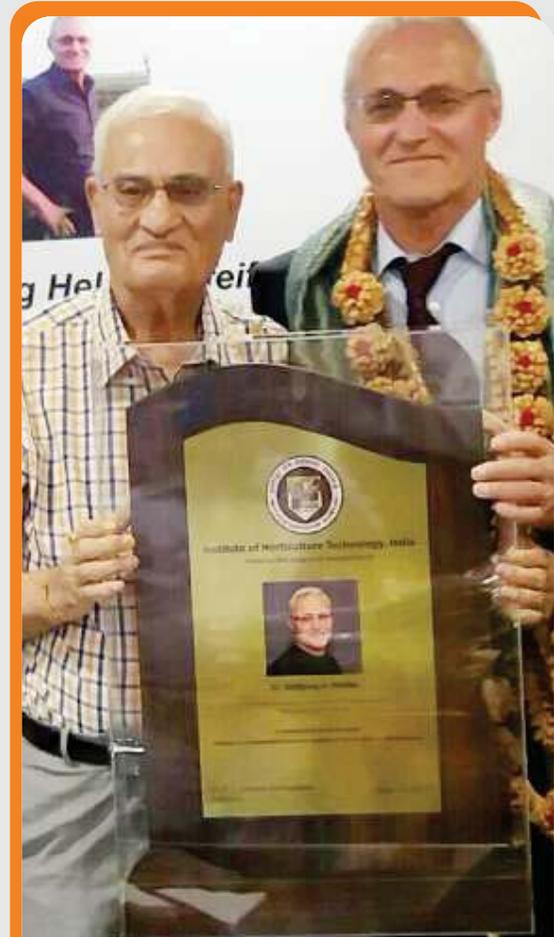
Institute of Horticulture Technology (IHT), established in 2009 under the aegis of Akhil Bhartiya Grameen Vikas Sanstha, a premier National Institute empaneled by Ministry of Agriculture and Farmers Welfare is organizing 'Horti India 2017' at Greater Noida, Uttar Pradesh.

Dr. K.L. Chadha, Padma Shri Awardee and a renowned horticultural scientist of National and International repute chairs the Advisory Committee of eminent experts that guide the institutes functioning.

The Institute envisions capacity building in technology driven horticulture to meet the increasing demands of the fast developing horticulture industry of the country. It provides 'Hands-on-Trainings' to farmers and officials from public and private organization, at its main campus, besides, on-site trainings in states at district / block levels. The comprehensive training imparted at the Institute caters to the needs and demands of horticulture industry involved in production of horticulture produce.

IHT has been successfully organizing trainings in Hi Tech Horticulture of various durations since 2009, so far Institute has conducted trainings for thousands of farmers, government officials and entrepreneurs from different states of India like Assom, Arunachal Pradesh, Chhattisgarh, Jharkhand, Himachal Pradesh, Gujarat, Madhya Pradesh, Mizoram, Nagaland, Odisha, Sikkim, Uttarakhand, union territories- Andaman and Nicobar Islands, and Southeast Asian countries mainly Bahrain, Bangladesh, Afghanistan etc.

In addition, annual events are being organized by IHT, those events were inaugurated by V.I.P.'s like Governors, Union/State Ministers and Secretaries to Government of India and attended by policy planners, entrepreneurs, participants from corporate sectors and farmers across different states of India. These events were well received and attracted wide coverage in national newspapers and TV channels through popular programmes like Krishi Darshan.



IHT Chairman felicitating Dr. Wolfgang Pfeiffer from Harvest Plus, Columbia – Winner of World Food Prize 2016



Mr. Sumit Awasthi, Editor IBN 7 News Channel felicitating a progressive farmer at a training programme

Objectives

Institute of Horticulture Technology, a premier Institute empaneled by Ministry of Agriculture and Farmers Welfare, Government of India is organizing 'Horti India 2017' to showcase latest technologies and opportunities to various stake-holders in Horticulture. The event is aimed to acquaint participants about emerging innovative production technologies and their capacity building with a view to enhance horticultural productivity and profitability. Emphasis will be laid on the following:

Technologies-

- ❖ Production of high quality disease free planting material
- ❖ Protected cultivation of high value vegetable and flower crops
- ❖ Computerized fertigation and micro-irrigation systems for precision farming
- ❖ Establishment of hydroponics (soilless) production systems

Practices-

- ❖ Use of plastics in horticulture
- ❖ Canopy Management in horticultural crops
- ❖ Floral Arrangements
- ❖ Integrated Pest Management (IPM)

Emerging Areas-

- ❖ Organic farming
- ❖ Urban and Periurban horticulture
- ❖ Nanotechnology

Promoting entrepreneurship - Skill development in horticulture

During 'Horti India 2017', information shall also be shared about schemes of different ministries like Agriculture & Farmers Welfare, Rural Development, Food Processing and Non Conventional Renewable Energy. The event will also provide a common platform for different stakeholders in horticulture crop production and management (growers, wholesalers, retail managers, entrepreneurs, corporates, policy planners and government officials).



Technical Programme

Special interactive sessions of stakeholders with scientists / experts deliberating on various technologies in Hi-Tech production technologies shall be held with a view to help farmers enhance their crop productivity and input use efficiency. This would be an exceptional knowledge sharing and learning experience as all queries related to sessions shall be addressed with impeccable solutions. Demonstrations / Hands on trainings on the following topics will be the highlight of technical sessions:

LECTURES

LIVE DEMONSTRATIONS / HANDS ON TRAININGS

TECHNOLOGIES

Protected Cultivation	Protected Structures - their management and environment control	Visit to polyhouses with cucumber, capsicum and tomato crops and 'greenhouse components museum'
Fertigation Technology	Role of fertigation technology in horticulture	Operation of fertigation systems
Crop Production through Hydroponics	Hydroponics Technology- Importance and requirements	Hydroponic unit using Nutrient Film Technique
Production of Planting Material	Production of disease free, high quality planting material	Plug nursery production, Vegetable grafting and Micro-propagation

PRACTICES

Flower Arrangements	Flower arrangements for different occasions and purposes	Demonstration of flower arrangement by International experts
Canopy Management	Importance of canopy management in horticultural crop production	Demonstration of canopy management in guava and drumstick plantations
Use of Plastics	Role of plastic in commercial horticulture	Visit to micro irrigation systems, mulches and low / walk in tunnels
Integrated Pest Management (IPM)	IPM practices in open and protected cultivation	Formulations, spray equipment, monitoring and pest management

EMERGING AREAS

Organic Farming	Organic crop production including Inputs management	Demonstration of composting requirements and process
Peri urban and Urban Horticulture	Importance and scope of urban and peri urban horticulture	Demonstration of innovative urban gardening systems
Nanotechnologies	Role of nanotechnologies in crop production	

Programme

PROGRAMME	TIME
DAY ONE (Feb. 9th, 2017)	
Registration & Welcome Tea	09:00 am - 10:00 am
Inaugural Session	10:00 am - 11:00 am
Interactive Lectures	11:30 am - 01:30 pm
Break	01:30 pm - 02:30 pm
Hands on Training	02:30 pm - 05:30 pm
DAY TWO (Feb. 10th, 2017)	
Interactive Lectures	10:00 am - 12:00 pm
Hands on Training	12:00 pm - 01:30 pm
Break	01:30 pm - 02:30 pm
Valedictory Function & Award Ceremony	02:30 pm - 04:00 pm



SOUVENIR

A Souvenir containing messages from dignitaries, invited articles on related topics from experts and advertisements from sponsors would be released on the occasion.

REGISTRATION

All interested individuals / groups, institutions, officials and companies are welcome to attend the event as per the programme. Registration is mandatory, however, no registration fees is payable for registered delegates. For registration visit our website www.hortiindia.com.

ACCOMMODATION

Accommodation is available in Guest Houses in and around Greater Noida. Delegates requiring assistance in arranging accommodations are advised to contact our travel-desk for help in the matter.

E-mail: coordinator@iht.edu.in

Mobile: 8860621160, 8860082566

Exhibition

An Exhibition will be organized during 'Horti India 2017' to provide an opportunity to the participants for exchange of knowledge and experience and also get to know novel agricultural and horticultural inputs such as new fertilizer formulations, agrochemicals, tools and farm machinery, green house components, hydroponics, plastics, drip irrigation and fertigation systems.

The facilities can be provided to both Govt. / Non-Govt. organizations interested in showcasing their strengths and achievements with prior booking. To avail this, interested organizations may write for allotment of pavilion/stall in advance.



FACILITIES FOR EXHIBITOR

- ➔ Well furnished space with carpeted floor
- ➔ Uninterrupted power and water supply
- ➔ Internet facility
- ➔ Car parking
- ➔ Mini lounge for interaction
- ➔ Food court

BENEFITS FOR EXHIBITOR

- ▶ Display of Products & Technologies
- ▶ Interaction with Farmers & Experts
- ▶ Brand Promotion to increase market share
- ▶ Business Relationships

For details please see Annexure -2.



Exhibitors Profile

The exhibition is open for all companies and organizations dealing with products and services related to horticulture in the following areas :-

- Nurseries, Seed companies, Micropropagation units
- Greenhouse companies
- Hydroponic systems
- Fertigation systems
- Fertilizers- emerging products
- Plastic companies
- Organic farming inputs
- Agro chemicals & Plant protection equipments
- Tools and Machinery
- Post Harvest Infrastructure
- Institution / Universities
- Central and State development organizations
- Other horticultural crops / products



Visitors Profile

- Progressive Farmers
- Students and Research Scholars
- State Agricultural Universities and other Research Institutions
- Officials working in public & private sectors
- Nursery men / Seed growers
- Greenhouse owners
- Organizations involved in flower arrangement eg. event managers / wedding planners and hotel industry

It will also be beneficial for:

- Urban planners & Investors
- Municipal authorities
- Technology providers / seekers
- Tools & Implement companies
- Potential entrepreneurs
- Wholesalers & Retailers dealing with different agri-inputs.

FLOOR PLAN



Sponsorships

Sponsors are welcome to support the event. Different levels of sponsorship available are listed below:

STATES / INSTITUTIONS SPONSORS

- Principal Partner
- Partner
- Associate Partner

INTERNATIONAL SPONSORS

- Principal Partner Country
- Partner Country
- Associate Partner Country

CORPORATE SPONSORS

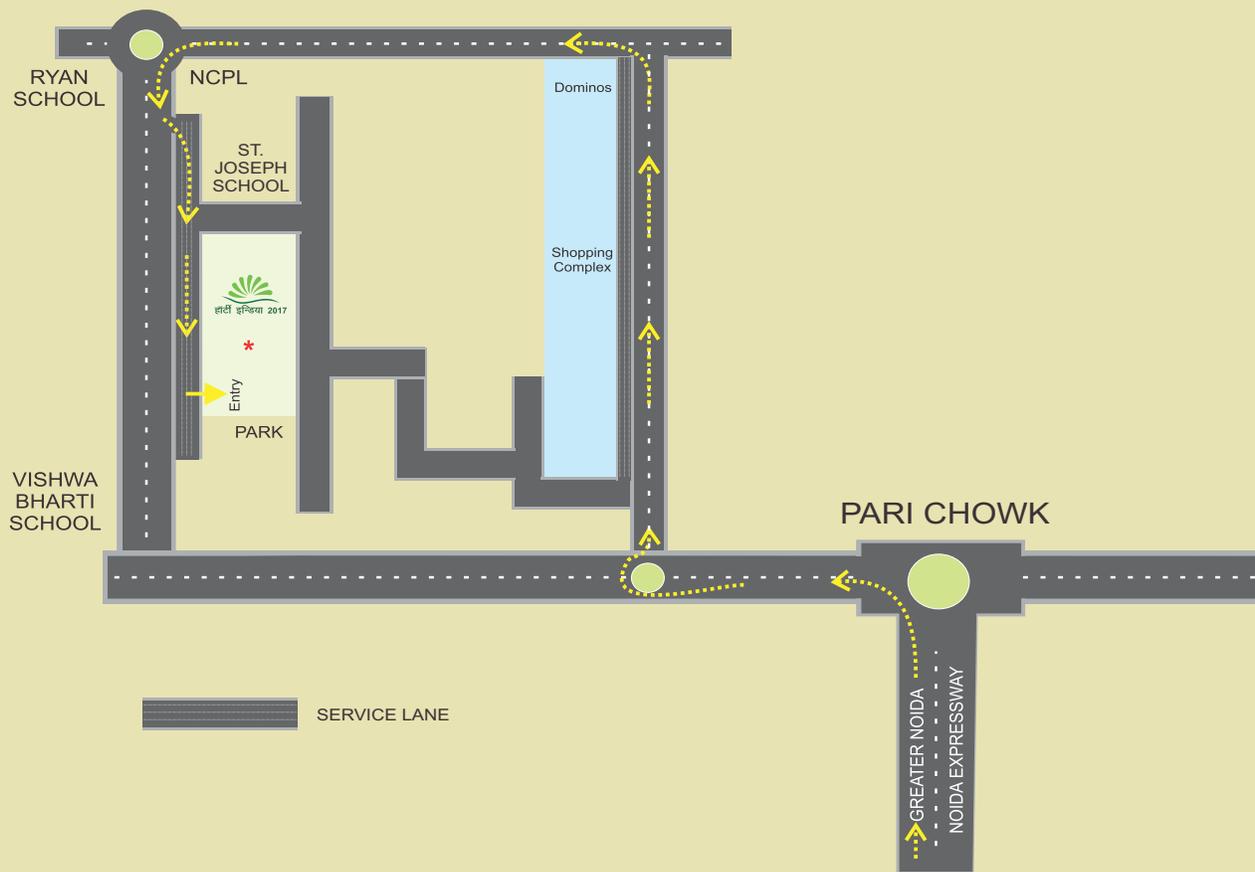
- Platinum
- Diamond
- Gold

For details of benefits available to sponsors, please refer to Annexure-1



How to reach

The venue is located at a distance of 2 km from Pari Chowk in Greater Noida. You can reach Pari Chowk through Delhi Greater Noida Express Highway as per map given below:

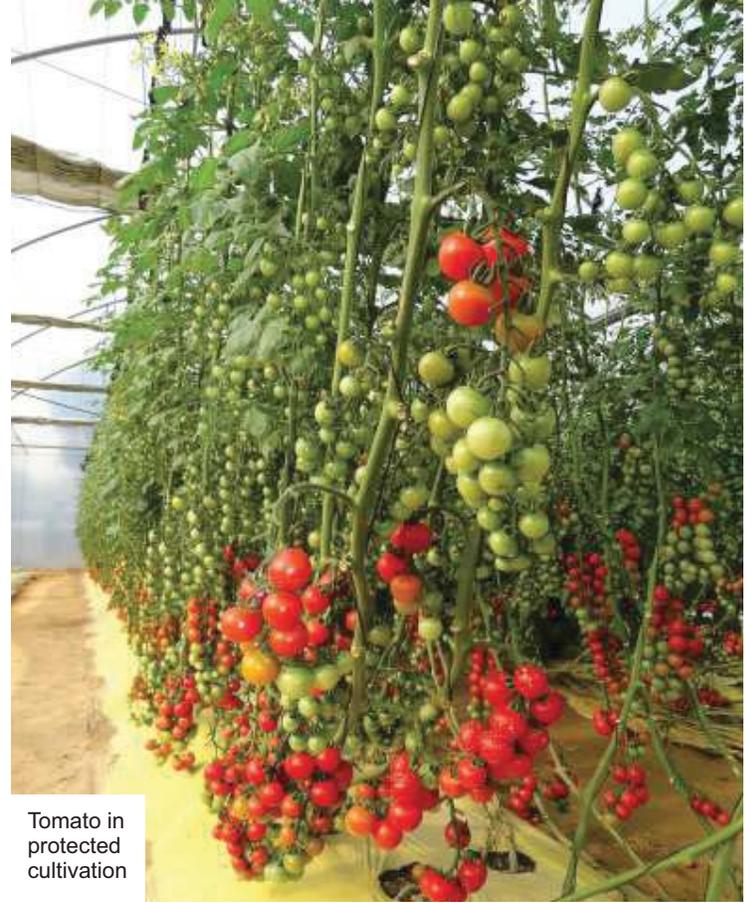


* **Venue:** Horticulture Technology Park, G-1, Alpha-1, Greater Noida-201308, UP

For further details visit our website www.hortiindia.com



Orchid Production



Tomato in protected cultivation



Hydroponics system



Micropropagation



Training in planting / mulching



Medicinal & Aromatic plant cultivation



Valedictory Speech in training programme at IHT



Dutch delegates in Orchid Production House



Organizer

Institute of Horticulture Technology

Recognised by Ministry of Agriculture & Farmers' Welfare, Government of India



Co-organizer

Ministry of Agriculture and Farmers Welfare, Govt. of India

Department of Agriculture Cooperation & Farmers' Welfare (Mechanization & Technology Division)

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