

# SMART URBAN FARMING EXPO

*a new farming perspective.....*

November 27-28, 2021

Thayagaraj Stadium, INA, New Delhi

*India's only Trade Fair specialized on Urban Farming*

KNOWLEDGE PARTNER

**IARI**

New Delhi



## EXPO PROFILE

- Vertical Farming
- Soilless Farming (Hydroponics, Aquaponics, Aeroponics)
- Indoor Farming
- Roof/Terrace Farming
- Bee Farming
- Smart Gardening & Landscaping

## SPECIAL ATTRACTION

- Technical Sessions
- DIY Learning
- Citizen's Gallery
- Gardener's Clinic
- Farm Visits
- Investors Sessions
- Organic Haat
- Women Empowerment
- Awards

Around the world people are starting to grow food in the most untraditional places and spaces. Urban farming has become the new frontier in farming. It's the fastest growing industry within the farming industry with specific requirements not catered to by the normal farming shows.

This leaves room for a show catering to this new group of farmers who grow their products in the middle of a city, on a balcony or a rooftop. Market research shows that city's all over the world are becoming more and more populated and that more people value growing their own fruits, vegetables and herbs in or around their apartments in the middle of the city.

### **Vertical Farming**

The continually-growing world populations, the global trend to urbanisation, climate change and pressure on natural resources are key drivers for policies on global food security. Vertical farming is an innovative methodology for vertical cultivation of agricultural products in a small footprint, which can also realize true zero-mile city food supply.

Vertical farms can be built in new or existing buildings and provide significant benefits in environmental sustainability and human health, minimizing the need for water and nutrients, and eliminating pesticides and fungicides, which are no longer needed. Vertical farming and urban agriculture, if designed and implemented appropriately, could offer sustainable and innovative solutions for improving food security in a small footprint.

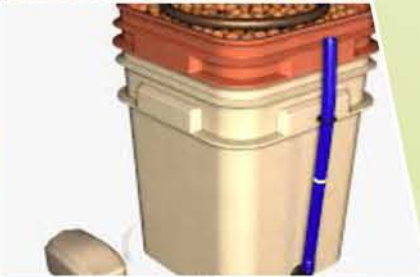
### **Soilless Farming**

Through techniques like Hydroponics, Aeroponics, Aquaponics etc, can be performed in controlled environments to address many of the concerns we now have. That is why it is expected to be the future method of farming in many parts of the world. It helps in intensive production of crops under full or partially controlled conditions. It guarantees flexibility and intensification of crop production system in areas with adverse growing conditions. Precise control over the supply of water and nutrients is possible through it. Soilless farming also helps in elimination of soil-borne diseases, reduction labor requirement, and more crops per year etc. Hence, it is becoming very popular in the urban and semi-urban areas. In fact, it has become the substitute for the places where there are abundant and frequent soil borne diseases. At present, it has been widely used for production of different vegetables.

### **Roof/Terrace Farming**

A roof farm is a farm on the roof of a building. Besides the decorative benefit, roof plantings may provide food, temperature control, hydrological benefits, architectural enhancement, habitats or corridors for wildlife, recreational opportunities, and in large scale it may even have ecological benefits. Roof





farms are most often found in urban environments. Plants have the ability to reduce the overall heat absorption of the building which then reduces energy consumption. The primary cause of heat build-up in cities is insolation. These outdoor spaces can become lush gardens through the use of container farming , automated drip irrigation and low-flow irrigation system and outdoor furnishings.

### **Bee Farming**

Modern bee farming fits in the organic model of respecting nature and working with natural systems, not against them. Organic farming does not use pesticides which could kill off bees, and because organic farms are often more diverse than regular, monoculture farms, they can promote cross-pollination that ends up increasing the health of all sorts of different plants.

Bee farming uses all-natural techniques to grow food in a way that's good for farmers, good for the environment, and good for consumers. In a world where climate change and the effects of years of industrial and chemical farming are making it increasingly hard for people to make a sustainable living, organic methods are becoming ever more important, and people are turning back to nature to find the best ways to produce healthy food from healthy land.

### **Exhibitor's Profile**

Technology, Products, Services , Manufacturers related to ideas, tips and designs of:

- Hydroponics
- Aeroponics
- Aquaponics
- Consultants/Architects/Contractors
- Terrace Landscaping
- Organic Farms
- Furniture and Lights
- Porta Cabins
- Automation and Technology and Accessories

### **Visitors Profile**

(Vertical) Farmers, Growers | Agricultural industry | Urban planners | Architects | Technology suppliers (corporate, start-up) | System integrators | Governmental bodies (Local, Regional, National) | Project developers | Finance /Consulting | Food Logistics | anyone interested in vertical farming.





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### RATES :-

- Built up Stall : Rs.8,000/- per sq. mtr.+GST
- Bare Space : Rs.6,000/- per sq. mtr.+GST
- Table Space : Rs.20,000/- +GST
- Forthcoming Expos : @Mumbai, Bangalore, Ahmedabad, Hyderabad

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