

Feed The Future India Triangular Training (FTF ITT) Program

Production, Processing and Marketing of Organic Vegetables

06-20 February, 2018



ICAR-Indian Institute of Vegetable Research

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An ISO 9001:2015 Certified Institute

About the Institute

The ICAR-Indian Institute of Vegetable Research (ICAR-IIVR), Varanasi is a pioneer Institute devoted to research and development of vegetables and is situated in the greater periphery of the Holy city Varanasi. Since its inception, the institute has established an excellent infra-structure and made significant contribution in the field of vegetables improvement, production, protection and extension. So far besides other technologies, institute has developed 11 hybrids and 53 varieties in 18 different vegetable crops.

Course Introduction

With the increasing awareness about the safety and quality of foods, long term sustainability of the system and accumulating evidences of being equally productive, the organic farming has emerged as an alternative system of farming which not only addresses the quality and sustainability concerns, but also ensures a profitable livelihood option. The success of organic vegetables farming depends to a great extent on the efficiency of agronomic management adopted to stimulate and augment the underlying productivity of the soil resources. All the management practices followed in organic farming are governed by the principles of ecology and are within the ecological means. Organic vegetable cultivation offers one of the most sustainable farming systems with recurring benefits not only to long-term soil health but provides a lasting stability in production by importing better resistance against various biotic and abiotic stresses. Although the cost of certification and the time and labor involved in managing the organic system are high, returns potential are also high in the area where markets are well developed for organic products. Generally, organic vegetables fetch a premium price of 10%-50% over conventional products. Market of organic products is growing at faster rate (20%) as compared to conventional ones (5%). This growth rate is highest in Japan, USA, Australia and EU. Export preference of organic vegetables offers a great scope to even small countries in Asia and African continents, which has inculcated the skill of growing organically since time immemorial. Considering the above facts, the present international training program is planned to impart an insight to technologies available for sustainable production, processing & marketing of organic vegetables in Asia and African countries.

Course Objective

- Introduction of advanced technologies developed in the production of organic vegetables.
- Skill development of participants in post harvest management and processing of organic vegetables for nutritional security.
- Equip the participants in identification of vegetables pests and their integrated management.
- Certification of organic produce and their marketing for entrepreneurship development.

Course outline

- Global scenario of organic vegetable production : Current status and future strategies.
- Selection of improved varieties/planting materials
- Nursery management in vegetable crops
- Organic production technology for - Solanaceous crop, Cole crop, Root crop, Bulb crop, Peas and Beans, Okra, Cucurbits, Leafy vegetables and Rare vegetables
- Weed Management, Water Management, Integrated Plant Nutrient Management for organic vegetables production.
- Vegetable based cropping system for organic farming
- Pre & Post harvest management of organic vegetables produce.
- Processing and value addition of organic vegetables produce.
- Disease and insect-pest management in organically grown vegetable crops
- Seed Production and Management of organic vegetable crops
- Nutritional and medicinal value of organic vegetables
- Certification of organic produce
- Marketing, export of organic vegetables
- Any other related topic on request.

Course duration

The course duration is 15 days scheduled from 06th – 20th February, 2018. The participants are requested to make their travel plan to arrive latest by 05th February 2018 and to leave by 20th February 2018 evening after 17.00 hrs.

How to Reach Training Venue (ICAR-IIVR, Varanasi, U.P., India)

ICAR-Indian Institute of Vegetable Research is situated 22 km away from Railway Station and 40 km away from Airport on the outer periphery of the Holy city Varanasi which is well connected with Rail and Air from all the major cities of India. The Institute will provide transport to the participant provided they send their advance travel plan to the Course Coordinator.

Contact Persons and Address for Correspondence

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