



STATE OF ISRAEL



Israel's Agency for International
Development Cooperation
Ministry of Foreign Affairs



CINADCO - Centre for International
Agricultural Development
Cooperation, Ministry of Agriculture
and Rural Development



ARO – Agriculture Research
Organization, the Volcani Center,
Ministry of Agriculture and Rural
Development

**MASHAV - Israel's Agency for International
Development Cooperation**

with

CINADCO - Centre for International Agricultural
Development Cooperation and the ARO – the Volcani
Center, Ministry of Agriculture & Rural Development

invite professionals

to participate in the

International Course:

Seed Production & Treatments for Field & Vegetable Crops

In cooperation with the Institute of Plant Sciences

April 29nd – May 11th, 2018



About the Course

Background

Israel is a leader in the development and production of new crop varieties that are suited to a variety of climatic conditions, are resistant to disease, and are able to maintain quality after harvest during both storage and marketing. Israeli innovations range from saucer-shaped yellow zucchinis to black watermelons to specialized wheat grains to sunflowers for decoration and confection. Each year Israel exports over \$70 million in vegetable seeds to consumers all over the world.

Seed production in Israel is supported by highly comprehensive research and development. In addition to improving conventional farming methods, researchers have developed environmentally-friendly and organic management practices for seed production, treatment, and storage. The development of new seed varieties and preservation of heritage seeds is a cooperative effort involving governmentally-funded researchers and private seed companies. Members of both sectors will share and exchange their experience for the benefit of workshop participants.

Main Subjects

- Basic seed formation and biology from flowering to germination.
- Agrotechnology of conventional and organic vegetable, grain and flower seed production.
- Maintenance of varietal purity, hybrid seed production and management.
- Testing seed quality: germination potential and storage ability.
- Processing: seed sorting, treatments and priming for protection against biotic and abiotic stress.
- Certification and legal aspects of seed production and marketing.

Aims

To understand the biology and agro-technology of quality seed production. To learn methods of production, treatment, storage, inspection, and certification of seeds for vegetable, flower and field crops, and to observe these methods in agricultural and commercial settings. To initiate research, teaching and transfer of knowledge to extension workers and farmers.

Application

Application Requirements

This course is designed for research and extension workers, quality control personnel in the seed industry, and business, government or academic professionals interested in the biology and technology of seed production.

It is particularly of interest to technical professionals responsible for quality assurance, research and extension activities related to seed quality, safety and marketability under the aegis of national or international organizations, institutions, universities, research institutes, civil society and the private sector. Course participants must have a relevant academic degree and at least three (3) years of practical work experience in related fields. A very good command of the English language is essential.

Application forms

Application forms and other information may be obtained at the nearest Israeli mission or at MASHAV's website: [click here](#).

Completed application forms, including the medical form, should be sent to the relevant Israeli mission in the respective country by or before [March 4th, 2018](#).

General Information

Arrival and Departure

Arrival date:	April 29
Opening date:	April 30
Closing date:	May 10
Departure date:	May 11

Participants must arrive at the training center on the arrival date, and leave on the departure date. Early arrivals/late departures if required, must be arranged by the participants themselves, directly with the hotel/center, and must be paid for by the participant him/herself.

Location and Accommodation

MASHAV awards a limited number of scholarships. The scholarship covers the cost of the training program including lectures and field visits, full board accommodation in double rooms (two participants per room), health insurance (see below) and transfers to and from the airport. Airfares and daily allowance are not included in the scholarship.

Health Services

Medical insurance covers medical services and hospitalization in case of emergency. It does not cover the treatment of chronic or serious diseases, specific medications taken by the participant on a regular basis, dental care and eyeglasses. Health authorities recommend that visitors to Israel make sure they have been inoculated against tetanus in the last ten years. Subject to the full binding policy conditions. Participants are responsible for all other expenses.

The course will be held at **the Volcani Center**, situated **10 km east of Tel Aviv, Israel**. Participants will be accommodated at **Neve Shalom Hotel, in Latrun**, in double rooms (two participants per room).

About MASHAV

MASHAV – Israel's Agency for International Development Cooperation is dedicated to providing developing countries with the best of Israel's experience in development and planning. As a member of the family of nations, The State of Israel is committed to fulfilling its responsibility to contribute to the fight against poverty and to the global efforts to achieve sustainable development. MASHAV, representing Israel and its people, focuses its efforts on capacity building, sharing relevant expertise accumulated during Israel's own development experience to empower governments, communities and individuals to improve their own lives.

MASHAV's approach is to ensure social, economic and environmental sustainable development, and is taking active part in the international community's process of shaping the Post-2015 Agenda, to define the new set of the global Sustainable Development Goals (SDGs).

MASHAV's activities focus primarily on areas in which Israel has a competitive advantage, including agriculture and rural development; water resources management; entrepreneurship and innovation; community development; medicine and public health, empowerment of women and education. Professional programs are based on a "train the trainers" approach to institutional and human capacity building, and are conducted both in Israel and abroad. Project development is supported by the seconding of short and long-term experts, as well as on-site interventions. Since its establishment, MASHAV has promoted the centrality of human resource enrichment and institutional capacity building in the development process – an approach which has attained global consensus.

<http://mashav.mfa.gov.il>

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About CINADCO

The Center for International Agricultural Development Cooperation (CINADCO) is a part of the Israel Ministry of Agriculture and Rural Development. Since 1958, CINADCO has been in charge of the International Agricultural program conducted by MASHAV in Israel and abroad.

CINADCO's activities consist of: International and country "tailor-made" courses in Israel, on-the-spot courses, long- and short-term projects and advisory missions. Israeli experts have also been sent to different locations around the world to conduct projects and to share their expertise in various aspects of agricultural production, extension and project planning. [For more information](#)

[about the course](#)

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For further information, please contact:

CINADCO

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About ARO

The Agricultural Research Organization (ARO), the Volcani Center, is the research arm of the Ministry of Agriculture and Rural Development and is responsible for most of the agricultural research conducted in Israel. The scientists of the ARO collaborate with the regional R&D Stations and with the Agricultural Extension Service of the Ministry of Agriculture. Research at the ARO aims to improve existing agricultural production systems and introduce new products, processes and equipment on which Israel's future agricultural efforts will be based. ARO website: [Click here](#)