

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



STATE OF ISRAEL



MASHAV

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

MATC
MASHAV's Agricultural
Training Center

invites professionals
to participate in the

**International Course:
Intensive Vegetable
Production with Efficient
Water Management**

14-30 June, 2016



About the Course

Background

Israel is a small country characterized by water scarcity, a shortage of land and a rapidly growing population. As such, Israel has become the perfect living laboratory in which solutions to the problems of modern day agriculture may be sought. Despite its small size, Israel enjoys various climatic regions which enable the country to produce a vast variety of fruits and vegetables under controlled conditions, year-round. Israeli agriculture is renowned for its high yield, high quality, and off-season production with high prices. It is also known for the innovative agricultural technologies that have been developed over the years in order to provide solutions for the lack of natural resources and the challenges of arid land agriculture, including sophisticated irrigation and fertigation systems, increased use of bee pollination, and the application of integrated pest management and disease control. Special attention is made to sustainable and organic style agriculture incorporating crop rotation, application of manure compost, on-farm compost production and soil fertility.

A strong and continuous emphasis is given to applied agricultural research and development, finding specific solutions for each crop and region: new species, new varieties, utilization of brackish water for irrigation, the use of solar and other renewable energy sources, new covering materials and post-harvest treatments are only some of the solutions achieved.

Aims

The course aims to share Israel's experience and applied research, taking into consideration the adaptability of methods and technologies, to meet local conditions in each participant's country. After completion of this course, participants will be able to understand and consequently implement the knowledge gained to the benefit of the vegetable industry in their respective countries.

Main Subjects

The course will include professional lectures and visits on the following subjects:

- Growing technologies in open field and protected condition of the following vegetables: Tomato, Onion, Bell Pepper, Eggplant, Leafy Vegetables, Cucumber, Watermelon and Muskmelon, Herbs and Spices
- Growing processes: Seedling Establishment, Land Preparation, Soil cultivation, Solarization, Field lay-out, Planting and Transplanting, Water Management, Use and maintenance of drip irrigation systems, Fertilizer Management, Principle and Process of Fertigation, Integrated Pest Management, Weed Management, Harvesting, Postharvest Handling and Marketing, Israel's Agricultural Extension System

Application

Application Requirements

The training is geared towards professionals involved in vegetable production. Candidates should hold an academic degree in related disciplines and at least two years of professional work experience. A full command of English is required.

Application forms

Application forms and other information may be obtained at the nearest Israeli mission or at MASHAV's website: <http://mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>.

Completed application forms, including the medical form, should be sent to the relevant Israeli mission in the respective country.

General Information

The course will be held at MATC Agricultural Training Center
Located at Kibbutz Hotel Shefayim, situated 20 km north of Tel Aviv near the coastal city of Netanya.
Participants will be accommodated at hotel Kibbutz Shefayim in double rooms (two participants per room).

Arrival and Departure

Arrival date:	June 14 th 2016
Opening date:	June 15 th 2016
Closing date:	June 29 th 2016
Departure date:	June 30 th 2016

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.

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>

<https://www.facebook.com/MASHAVisrael>

About MATC

MATC - MASHAV's International Agricultural Training Center - specializes since 1963 in human capacity building and training programs in the fields of agriculture, water management, environment and rural development.

MATC conducts international, regional and country specific courses as well as professional study-tours, workshops and conferences based on Israeli agricultural know-how, innovation, and development experience. Its training programs, conducted in English, Spanish, French, Russian, and Arabic, are specifically designed to improve agricultural production in developing countries, to promote food security and to create partnerships as well as ongoing international cooperation for sustainable development.

MATC works in close cooperation with Israel's Ministry of Agriculture and Rural Development and its Center for International Agricultural Development Cooperation - CINADCO.

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