



STATE OF ISRAEL



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

**MATC**

MASHAV International Agricultural  
Training Center

In cooperation with

**giz**

Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

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

and

**MATC – MASHAV Agricultural Training Center**

invite English – speaking professionals  
from **African countries** to participate in the

International Course:

## **Intensive Vegetable Production**

21<sup>st</sup> May – 4<sup>th</sup> June , 2019

Shefayim – Israel



## 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 vegetables under controlled conditions, year-round.

Israeli agriculture is renowned for its high yield, high quality, and off-season production. 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 given to sustainable and organic style agriculture incorporating crop rotation, application of on-farm compost production and soil fertility.

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

## About the Course

### Aims

The training program aims to share with participants, Israel's experience in developing intensive and sustainable vegetable production systems.

The course also intends to create a framework for discussion and analysis in order to evaluate possible adaptation of new strategies and technologies to the conditions of each participating country.

### Main Subjects

The course will include professional lectures and field visits. It will cover the following topics:

- The vegetable sector in Israel: Organization and strategies
- Crop production in open field and protected conditions
- Plastics and climate control
- Irrigation and fertigation management
- Integrated pest management
- Postharvest handling
- Research and extension

### Application Requirements

The course is geared towards senior professionals from governmental and non-governmental institutions, universities, research institutes and/or private sector, from African English-speaking countries, involved in the development of the vegetable sector on a national, regional or local level.

Candidates should hold an academic degree in related disciplines and at least two years of professional experience. A full command of English is required.

### Application forms

Application forms and other information can 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 health declaration and recommendation letters, should be sent to the Israeli mission in the respective country, until **4<sup>th</sup> April, 2019**.

## General Information

### Arrival and Departure

Arrival date: May 21<sup>st</sup>, 2019 (Hotel rooms available from 14:00)

Opening date: May 22<sup>nd</sup>, 2019

Closing date: June 3<sup>rd</sup>, 2019

Departure date: June 4<sup>th</sup>, 2019 (Check out at 11:00)

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. Participants will have to cover additional costs.

### Location and Accommodation

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

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, health insurance 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. Participants will be responsible for all other expenses, which are not covered by the insurance policy. Health authorities recommend that visitors to Israel make sure they have been vaccinated against tetanus in the last ten years.

## 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 (SDG).

**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 that 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 tailor made courses as well as professional visits, workshops and conferences based on Israeli agricultural know-how, innovation spirit 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 (MOAG) and its Agricultural Research Organization (ARO). MATC also cooperates with universities, agricultural organizations, farmers and the private sector.

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

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