



STATE OF ISRAEL



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



CINADCO
Center for International
Agricultural Development
Cooperation

Ministry of Agriculture and Rural
Development

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

with

**CINADCO - Center for International Agricultural
Development Cooperation**

invite professionals
to participate in the

International Course:

**MODERN APICULTURE MANAGEMENT:
HONEY, BY-PRODUCTS AND POLLINATION**

March 28th – April 14th, 2016



About the Course

Background

Beekeeping offers a feasible and wholly environmentally beneficial activity that can help the developing world to work its way out of the challenges it is facing such as poverty, loss of biodiversity, urban sprawl, while at the same time maintaining natural biodiversity. Beekeeping is integrated in many projects in developing countries with the aim to improve the living conditions of the local populations. Pollination, production of honey and its by-products allows farmers to gain additional income. Honey and its products are conserved without the need for special storage conditions, and so the farmer can sell them throughout the year.

Apiculture does not require daily attention and beekeeping does not take up valuable land or time. It can be practiced by men and women of all age groups and it helps generate self-reliance. In addition, beekeeping associations or cooperatives encourage contacts between rural people. Furthermore, Apiculture gives some of the world's poorest people the opportunity to harvest commodities of international quality and value.

In Israel, 90,000 Langstroth beehives are kept by 500 beekeepers located all over the country. The bee most commonly kept today in Israel is the Italian bee, *Apis mellifera L. Var. Ligustical Spin.* Israeli beekeepers have adopted advanced and efficient methods of mechanization and breeding in order to increase their honey, resulting in an average annual honey production of 45kg per hive (The Israel Honey Board). In addition to the excellent yield and quality of honey, other uses of the colonies have been developed, such as crop pollination and apiary products. This has been the result of a coordinated effort among the various governmental and private bodies in the fields of research, extension, marketing and promotion. A special breed selection and experimental station has been established, where advanced techniques of breeding are being developed to improve the genetic quality of the colonies. Research into the developing of new mechanized tools for more efficient production methods has also been undertaken.

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, it is envisaged that the participants will be able to understand and consequently implement the knowledge gained to the benefit of the beekeeping industry in their respective countries.

Main Subjects

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

- Genetics, anatomy, physiology and biology of the honey bee
- Hive management and production
- Crop pollination
- Queen rearing
- Economics of production
- Pathology and parasitology of bees
- Mechanization and technology
- Sanitation and health
- Quality assurance
- Honey by-products

Application

Application Requirements

The training is geared towards professionals involved in apiculture production. Candidates should hold an academic degree in related disciplines and at least two years of professional work experience in apiculture. 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

Arrival and Departure

Arrival date:	March 28 th 2016
Opening date:	March 29 th 2016
Closing date:	April 13 th 2016
Departure date:	April 14 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.

The course will be held at CINADCO's International Training Centre 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).

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 CINADCO

The Center for International Agricultural Development Cooperation (CINADCO) is a part of Israel's 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, regional and country "tailor-made" courses in Israel, on-the-spot courses, long- and short-term project planning 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. <http://www.cinadco.moag.gov.il/cinadco>

For further information please contact:

CINADCO - English Division

Hotel Shefayim 60990, Israel

Tel: 972-9-9595729/30 Fax: 972-99595733

E-mail: rochale@cinadco.co.il; galit@cinadco.co.il

<http://www.cinadco.moag.gov.il>

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