



STATE OF ISRAEL



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



A.R.O.

Agricultural Research Organization



Center for International Agricultural
Development Cooperation
Ministry of Agriculture and
Rural Development

R&D Division

International Course:

Integrated Pest Management

in cooperation with the Institute of Plant Protection,
Volcani Center, Agricultural Research Organization

3-22 April, 2016



Israel's Agency for International Development
Cooperation - MASHAV together with the Center for
International Agricultural Development Cooperation -
CINADCO in cooperation with the Institute of Plant
Protection, Agricultural Research Organization - ARO,
invite professionals to participate in the
aforementioned training program, which will take
place in CINADCO's Training Center,
Volcani Agricultural Complex, Israel.

Background

It is widely accepted that synthetic pesticides pose a real threat for the global environment, including human health. Moreover, reduction in their efficacy, as well as increase in the cost of their development and use, serves as a strong stimulus for the development of environmentally compatible and sustainable pest control measures.

Integrated Pest Management (IPM) is a scientific paradigm that has now achieved global interest and recognition. IPM focuses on designing and implementing pest management practices that meet the needs of growers, consumers and relevant government agencies in reducing pest-associated damage while preventing the long-term risks of environmental pollution, hazards to human health and reduced agricultural sustainability. Ideally, IPM requires both preventative and therapeutic strategies for each crop, taking into consideration the main effects on the ecosystem. Therefore, the integration of information on pests and pathogen biology and the innovative safe approaches to reduce the use of environmentally harmful pesticides are imperative for a successful IPM control.

Intensive research has already resulted in successful implementation of IPM approaches in protecting fruit and vegetable crops in Israel.

Aims

To address new developments in the field of plant protection, to provide the most recent practical tools of IPM implementation taking into consideration the adaptability of methods and technologies to meet local conditions and to establish links with Israeli scientists, with a broader view for future cooperation

Main Subjects

Key pests and pathogens; Control measures – with an emphasis on biological and bio rational methods using innovative chemistries, chemical ecology and physical means; Improvement of crop protection by genetic tools; Incorporation of IPM techniques, principles, and their economic advantages; Integration of extension services with research to foster IPM implementation; Planning IPM programs in specific agricultural systems.

Application Requirements

This course is designed for professionals from governmental institutions, universities and research institutes, private companies and non-governmental organizations involved in agricultural research and/or extension programs. Candidates should hold an academic degree in related disciplines with at least a three- year 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 and at Israel's Foreign Ministry's website:

<http://mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>, or at Volcani website at

<http://www.agri.gov.il/en/departments/118.aspx>

http://www.moag.gov.il/agri/English/Ministrys+Units/CINADCO/courses_seminars/

Completed application forms, including the medical form, should be sent to the relevant Israeli mission in the respective country and to CINADCO's R&D Department in Israel sigalp@moag.gov.il, by or before February 19th, 2016.

General Information

Location and Accommodations

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 (not included dental services, eye glasses, chronic illnesses and pregnancy) and transfers to and from the airport. The scholarship does not include air fares and per diem.

The course will be held at the Volcani Agricultural Research Center, situated 10 km east of Tel Aviv, Israel. Participants will be hosted at City Prima Hotel in double rooms.

Arrival and Departure

Participants should plan to arrive to Israel on April 3rd and leave on April 22nd 2016.

About MASHAV

MASHAV – Israel's Agency for International Development Cooperation - at Israel's Ministry of Foreign Affairs was founded in late 1957, and is responsible for the design, coordination and implementation of the State of Israel's development cooperation programs. **MASHAV** concentrates on human and institutional capacity building by sharing Israel's own development experience and expertise, imparting know-how and transferring innovative technologies and tested methodologies adaptable to developing country needs. **MASHAV's** approach is to ensure social, economic and environmental sustainable development, joining the international community's efforts to implement the Millennium Development Goals by 2015. <http://mashav.mfa.gov.il>

About CINADCO

The Center for International Agricultural Development Cooperation - **CINADCO** is part of Israel's Ministry of Agriculture and Rural Development. Since 1958, **CINADCO** has been in charge of the international agricultural cooperation programs conducted by **MASHAV** in Israel and in many developing countries around the world.

CINADCO's activities consist of international, regional and tailor-made training programs, short missions as well as planning and implementation of long-term projects. <http://www.moag.gov.il/agri/English/Ministrys+Units/CINADCO/>

About ARO

The Agricultural Research Organization (ARO) 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: <http://www.agri.gov.il/en/home/default.aspx>



**For further information,
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