INTERNATIONAL WORKSHOP ON BEEKEEPING AND EXTENSION

20.4.94 - 11.5.94

Ministry of Foreign Affairs
Center for International Cooperation "MASHAV"

Ministry of Agriculture
Centre for International Agricultural Development Cooperation (CINADCO)
The History of Beekeeping in Israel

The history of beekeeping in Israel may be traced to Biblical times. Honey is mentioned in the Bible and was always considered to be an essential ingredient in the diet which contributed greatly to health and strength.

The modern system of beekeeping goes back half a century when early settlers used wooden hives. Since then, the traditional methods have developed into the advanced practices of today. The bee most commonly kept today in Israel is the Italian bee, Apis mellifera L. Var. Lizqustical Spin. At present, some 100,000 colonies are kept by 800 beekeepers located all over the country. The excellent yield of honey, its high quality and the development of new uses of the colonies, such as for crop pollination, have been the result of a coordinated effort among the various governmental and private bodies in the fields of research, extension, marketing and promotion of the branch. A special breed selection and experimental station has been established, where advanced techniques of beekeeping are being developed to improve the genetic quality of the colonies. Research into the invention of new mechanized tools toward more efficient production methods is also being undertaken.

Objectives of the Workshop

- The participants will plan and present a practical project for their home area, based on data which they collected before the Workshop.
- The participants will be able to inspect and evaluate colonies of hobby, as well as commercial, beekeepers.
- They will guide traditional beekeepers in their home countries towards modern methods of beekeeping management.
- They will organize local courses and workshops to stimulate and train the local beekeepers in these methods.

Requirements for Admission
Candidates must be animal husbandry technicians, officers or extension workers from the private and/or governmental sector with an academic agricultural education and at least three years of practical experience in the branch. A full command of written and spoken English is required.

Methods of Study
Studies are geared to lectures, discussions, exercises, laboratory work and field trips. The preparation of a final project is also included.

Workshop Program
- Introduction to Israel, its land, people and settlements.
- Genetics, anatomy, physiology and biology of the honey bee.
- Hive management and production.
- Crop pollination.
- Queen rearing.
- Economics of production.
- Mechanization and technology.
- Sanitation and health.

Duration, Location and Language of Instruction
The Workshop will last for three weeks and will be held at CINADCO's International Training Centre at the Ruppin Institute of Agriculture near the coastal city of Netanya. The Workshop
will be held in the spring when the weather is cool and possibly rainy. The language of instruction is English.

Applications
Completed applications should reach the Israeli representative no later than January 31, 1994.

Social Activities and Sightseeing
There will be organized excursions to the Holy Places as well as to sites of general and historical interest. Social and cultural activities will be arranged.

Communications
Your address and telephone during the Workshop will be:
Ministry of Agriculture CINADCO
Ruppin Institute of Agriculture
Emek Hefer 60960 Israel
Tel: 972-9-688902, 688261
FAX: 972-9-686691

A telephone for the use of the participants is located in their dormitory. They can be called there from Israel, as well as from abroad, during break times, especially during noon or at night. The number of this phone is: 09-685200.

Further details related to the subject matter of the course may be obtained from:
The Director
Center for International Agricultural Development Cooperation (CINADCO)
Ministry of Agriculture
P.O.Box 7011, Tel Aviv 61070, Israel
Tel: 03-6971709
FAX: 972-3-6971677
Telex: 361496 MINAGIL

The Host Institution: CINADCO
The Centre for International Agricultural Development Cooperation (CINADCO) offers through its Technical Training Division, Projects Division and its Research Coordination Division a wide...
range of activities and services for institutions and individuals from developing countries.

The Technical Training Division plans, organizes and implements training activities in Israel and abroad in many agricultural subjects and extension for trainees.

Activities in Israel include:

- International courses and study seminars-workshops.
- Tailor-made courses for specific country and/or institutional needs.
- High-level professional observation tours.
- Specialized individual and group training.

Activities abroad include:

- On-the-spot, courses and seminars.
- Participation in on-going training teams.
- Advisory services to training institutions.

Since 1960, more than 20,000 people from 80 countries have been trained in about 360 courses in Israel and 300 on-the-spot courses overseas.

The trainees are extension officers, field workers and technicians, as well as senior personnel and experts in various fields.

The Projects Division is responsible for:
Long and short-term assignments of experts for the planning and implementation of agricultural programs and projects.

- Long and short-term assignments of experts in specific subject matter.
- Expert missions for strengthening rural and agricultural institutions.

The Research Coordination Division
Works in cooperation with all the scientific institutes engaged in agricultural research in Israel in the following aspects:

- Applied research in Israel for developing countries.
- Joint research in developing countries.
- Delegation of Israel agricultural scientists for long and short-term consultancy missions.
- Editing and distribution of research reports.
- Arrangement and planning of fellowships and visits of agricultural scientists for long and short-term consultancies.