

## **Dr. Yoram Fuchs**

Agricultural Research Organization  
Institute for Technology and Storage of Agricultural Products  
Dept. of Postharvest Science of Fresh Produce  
The Volcani Center,  
P.O. Box 6 Bet Dagan 50250 Israel,  
E-Mail: [vytfuchs@agri.gov.il](mailto:vytfuchs@agri.gov.il) Tel: 972-3-9683915, Fax: 972-3-9683622  
Mobile: 052-8384219  
June 2011.

## **Curriculum Vitae:**

### **University Education and Additional Training**

- 1956-1961** B.Sc. Agr. and M.Sc. Agr. degrees from the Hebrew University of Jerusalem.
- 1965-1968** University of Maryland, College Park. Research for Ph.D. degree was carried out with Dr. Morris Lieberman at U.S.D.A. Laboratories, Marketing Quality Research Station, Beltsville, Maryland. Thesis title: "Studies on production and mode of action of ethylene in plants".
- 1974-1975** Yale University, New Haven, Connecticut- Sabbatical year working with Dr. A.W. Galston at the Department of Biology.
- 1976-** Glass House Crops Research Institute, Littlehampton, England - Working for 3 weeks with Dr. G.E. Hobson at the Department of Biochemistry
- 1979-** Weed Research Organization, Oxford, England - Working for 2 months with Dr. Daphne J. Osborne at the Developmental Botany Unit on a British Royal Society Fellowship
- 1986-** USDA, Beltsville Agricultural Research Center, Plant Hormone Laboratory, Sabbatical year, working with Dr. J.D. Anderson.
- 1992-** USDA, Beltsville Agricultural Research Center, Horticultural Crops Quality Laboratory, Sabbatical year, working with Dr. J.D. Anderson and Dr. A. Watada.
- 1996-** UC Berkeley, six months of Sabbatical leave with Dr. Russell Jones, Dept. of Plant Biology.
- 1999-** USDA, Beltsville Agricultural Research Center, Horticultural Crops Quality Laboratory, six months of Sabbatical leave, working with Dr. W.S. Conway and Dr. K.C. Gross.

### **Professional and Academic Status**

- 1968-** Scientist at the Volcani Institute of Agricultural Research.
- 1971-** Promoted to Senior Scientist at the Agricultural Research Organization, Bet-Dagan.
- 1976-** Promoted to Associate Principal Scientist ("Grade A", equivalent to Associate Professor) in ARO, Bet-Dagan.
- 1985-** Promoted to Principal Scientist ("Grade A+", equivalent to Full Professor).
- 2000-** Emeritus Principal Scientist. (Retired)
- 2001- 2003,** Editor in Chief, ARO editorial system for refereed papers in Hebrew.
- 2002-** Appointed as "Honorary Professor for Postharvest Technology of Fruits & Vegetable" (for 5 years) of the "Jinan Fruit Research Institute, All China Federation of Supply & Marketing Cooperatives, China Technology &

Research Center for Storage & Processing of Fruit & Vegetables CTCF"

**Positions Held**

**1968-1972** Research scientist at The Volcani Institute of Agricultural Research, Bet Dagan, Israel.

**1972-1974** Head, Department of Fruit and Vegetable Storage in the Institute for Technology and Storage of Agricultural Products, Agricultural Research Organization, The Volcani Center, Bet-Dagan, Israel.

**1975-1976** Acting Director of the Institute for Technology and Storage of Agricultural Products, A.R.O., Bet-Dagan, Israel.

**1980-1983** Director, Institute for Technology and Storage of Agricultural Products, A.R.O.

**1983-1996** Research on handling, postharvest physiology & pathology of tropical and subtropical fruit and vegetables, A.R.O. and Head of Committee on Quality of Agricultural Products with the Chief Scientist of Ministry of Agriculture.

**1987-1988** Acting Head, Department of Fruit and Vegetable Storage in the Institute for Technology and Storage of Agricultural Products, Agricultural Research Organization, The Volcani Center, Bet-Dagan, Israel.

**1988-** present, Research on postharvest handling, physiology and pathology of fruits and vegetables at A.R.O.

**1998 – 2000** Task Force Leader of the Post Harvest Component of the Middle East Regional Agriculture Program (MERAP). The program is managed by Danida of the Danish Ministry of Foreign Affairs in cooperation with Egypt, Jordan, Palestinian-Authority and Israel.

**2008 – 2012:** Task Force Leader of the Post Harvest Component of the Middle East Regional Agriculture Program (MERAP). The program is managed by Danida of the Danish Ministry of Foreign Affairs in cooperation with Egypt, Jordan, Palestinian-Authority and Israel.

**2013 – 2014:** Member of the Task Force of Horticulture Value Chain Component of the Middle East Regional Agriculture Program (MERAP Phase III). The program is managed by Danida of the Danish Ministry of Foreign Affairs in cooperation with Jordan, Palestinian-Authority and Israel.

**Published more than 100 scientific papers in the field of postharvest physiology, pathology and technology of sub-tropical and tropical fruits and vegetables.**

**Special missions**

**1994-** Coordinator of and lecturer in "An Advanced Course on Postharvest Technology and Preservation of Horticultural Commodities" at CICTA, Beijing Agri. Engin. University, P.R. China.

**1995-1998** Chairman of the Israeli panel for scientific evaluation, for the USA-Israel, Binational Agricultural Research and Development Fund (BARD) and for the Chief Scientist of the Israeli Ministry of Agriculture.

**1996-** One week mission to Jamaica, on behalf of "Agridev", to advise on postharvest handling of mango fruit.

**1997-** Coordinator and lecturer in a two weeks course on **“Postharvest Management of Fruits & Vegetables”** in Patna, Bihar, (Bihar State Agricultural Marketing Board) India.

**2000-** Lecturer in a two weeks **"Training Course on Postharvest Technology of Horticultural Crops"**. It was organized by SINADCO, Israel and the Southern Fruit Research Institute (SOFRI) in My Tho, Tien Giang, Vietnam.

**2001-** Lectured in a one (1) week seminar on **“Postharvest Handling and Technology for Fresh-Market, Agricultural produce”**, at Hyderabad, Andhra Pradesh, India.

**2002-** Coordinator and lecturer in a two weeks course on “Postharvest Technology” in Beijing and Jinan, China. The course was organized by CINADCO, Israel and the “All China Federation of Supply and Marketing Cooperatives”.

**2003-** Coordinator and lecturer in a two weeks course (in April) on **“Postharvest Science and Technology”** in Tirana, Albania. The course was organized by CINADCO, Israel and the IFDC, Assistance to Albanian Agribusiness Trade Association.

**2003-** Coordinator and lecturer in a two weeks course (in July) on **"Improving Postharvest Handling and prolonging Shelf Life for Better Marketing and Export, of Thai Fresh Fruits and Vegetables"** in Bangkok, Thailand. The course was organized by CINADCO, Israel and the "Department of Export Promotion, Ministry of Commerce, Royal Thai Government".

**2003-** Coordinator and lecturer in a two weeks course (in November) on **"Postharvest Management for retail Marketing"** in St. Pierre Mauritius. The course was organized by CINADCO, Israel and the "Food and Agricultural Research Council, Agricultural Research and Extension Unit"

**2005-** Coordinator and lecturer in a one week course (September) on **"Postharvest Biology and Technology for Fresh Produce"** in Chengdu, Sichuan, China. The course was organized by CINADCO, Israel and Chengdu Municipality

**2005-** Coordinator and lecturer in a one week course (September) on **"Principles on Processing, Packing and Storage of Fresh Vegetables and Fruits"** in Ulaanbaatar, Mongolia. The course was organized by CINADCO, Israel and Ministry of Food and Agriculture; Food Technology College Ulaanbaatar, Mongolia.

**2007-** Coordinator and lecturer in a one week course (May) on **"Postharvest Technology and Quality Evaluation of Fresh Produce"** in Hangzhou, China. The course was organized by CINADCO, Israel and Food Institute, Zhejiang Academy of Agricultural Sciences (ZAAS).

**2007-** Coordinator and lecturer in a one week course (June) on **"Postharvest Technology and Quality Evaluation of Fresh Produce"** in Nanjing, China. The course was organized by CINADCO, Israel and Jiangsu Agriculture and Forestry Department.

**2007-** Member of a two expert mission (May) to Vietnam for executing a ten days **feasibility study for post-harvest handling of fresh produce and technology transfer**. The mission was organized by MARD, Vietnam and CINADCO and MASHAV Israel.

**2007-** Coordinator and lecturer in a two one-week courses (November) on **“Research and Development in Post Harvest Practices in Agriculture”** in Guwahati, Assam, India. The course was organized by CINADCO and MASHAV, Israel and North Eastern Development Finance Corporation Ltd. (NEDFi), Guwahati, Assam, India.

**2008** - Coordinator and lecturer in a one-week courses (September) on “**Postharvest Biology, Technology and Quality Evaluation of Fresh Products**” in Hainan University, China and in another one week of “**Sino-Israel Cooperative Training Program on Postharvest Biology, Technology and Quality Evaluation of fresh Products**” in Kunming. The activities were organized by CINADCO and MASHAV, Israel, and by China Council for the Promotion of Applied Technology Exchanges with Foreign Countries (CCPAT) and Hainan Academy of Agricultural Science and by CCPAT for Kunming Association for science and Technology (KAST) and Kunming Special Technique Association, Kunming Agriculture Bureau, accordingly.

**2009** – Invited to lecture at the “**Thai 8<sup>th</sup> National Horticultural Conference**” in Chiangmai, on “Advances in Postharvest Technology in Israel”.

**2010** – Invited to participate and lecture at the **Conference on Thai-Israeli Science and Technology Cooperation Project 2010** in collaboration with the National Science and Technology Development Agency (NSTDA) of Thailand from 30 August to 2 September 2010 in Bangkok, Thailand.

**2010** – Coordinator and lecturer in a one week (6 - 10.12.10) course on “**Postharvest, Food Safety and Hygiene in Agricultural Products**” for the Ministry of Agriculture and Irrigation at the Central Agriculture Research & Training Center (CARTC) in Hlegu, Yangon, Myanmar.

**2010** – Coordinator and lecturer in a one week (13 - 17.12.10) course on “**Postharvest, Food Safety and Hygiene in Agricultural Products**” for the Ministry of Commerce, Myanmar Agricultural Produce Trading at Post-harvest Application Center in Hlegu, Yangon, Myanmar.

**2010** – Participated in a **Workshop on Postharvest, Safety & Hygiene in Agricultural Products** (20-21.12.2010), in Micasa Hotel, Yangon. Organized by FAO, UNDP and The Israeli Embassy in Yangon, Myanmar.

**2011** – Lecturer (Resource Person) in a two weeks Training Course on **Postharvest Practices: Experiences and Best Practices in Israel and Thailand** (28 March – 8 April 2011) at the Mekong Institute, Khon Kaen, Thailand. The course was organized through the cooperation of Thailand International Development Cooperation Agency, the Mekong Institute and MASHAV & CINADCO, Israel.

**2011** Lecturer in 2, one week, courses in Ethiopia, for **The in-service training program on postharvest for regional and woreda experts under the support of enhancing irrigation efficiency and water management project (EIE) at Bahir Dar, Amhara and Nazareth, Oromia, Ethiopia. October - November 2011**. The courses were organized by the Trilateral project: GIZ (Germany); MASHAV-CINADCO (Israel) and MoA (Ethiopia).