

QUARTERLY TECHNICAL PROGRESS REPORT

October 1, 1993 - December 31, 1993

Moroccan Cooperative Agricultural Development Project

Grant Number HNE-0158-G-00-2075-00

Submitted to the

Bureau for the Near East
United States Agency for International Development

Submitted by the

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San Diego, California 92182

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PROGRESS REPORT OF THE MOROCCAN COOPERATIVE AGRICULTURAL DEVELOPMENT PROJECT

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Progress in Comparison with Goals and Objectives

Progress in comparison with the work plan and in comparison to the goals and objectives outlined in our original proposal, has been satisfactory for the period of October 1, 1993 - December 31, 1993. Accomplishments include:

General

- The Steering Committee (SC) met in Morocco on October 26-28, 1993; members visited the project site prior to the Committee meeting; work plans for 1993-1994 and project accomplishments were reviewed; the SC approved the name, AMARIS, for the nurseries - the name stands for America, Maroc, Israel and will be used to facilitate product identification in marketing farm produce;
- The second draft of the Economic and Marketing study was completed and is being reviewed;
- Contract required reports were submitted to USAID.

Morocco

- **Goal - Seedling Nursery:** the office, storage and preparation area for the nursery was completed, including the germination chamber; the sowing and mixing machines were installed;
- **Goal - Pot-Plant and Hardening Nurseries:** shading net was installed, and the following ornamentals were purchased - Ficus Benjamina, Ficus Goldenking, Schefflera, Croton Goldstar, Croton Red, Amaranthus;
- **Goal - Open-field Production:** harvested peppers and eggplants in November; planted melons in November, tomatoes in August, artichokes in October and strelizia in November;
- **Green-house Production:** melons were planted in December, tomatoes in September and cucumbers and squash in November; melons and squash were planted in low tunnels in November and tomatoes in December; greenhouse bananas and melons in low tunnels will be planted in January 1994;
- **Goal - Training and Extension:** two Moroccan engineers, Ms. Fatima Agdid and Mr. Moulay Sadiq, traveled to Israel in December where they will receive seven months of training at Ben Gurion University in agro-management practices and tissue culture propagation; seven Moroccan technicians began training at the project site in November.

Israel

- **Goal - Tomato research:** research continued including varietal testing at the project site in Morocco;
- **Goal - Onion research:** research and varietal testing in Israel and Morocco continued;
- **Goal - Ornamental Eucalyptus research:** tissue culture propagation was initiated; propagation of ornamentals continued;
- **Goal - Truffles research:** research and testing continued;
- **Technical Visits:** in support of the production activities at the project site in Morocco and the research activities in Israel, the following technical visits were made during the last quarter of 1993: Israeli scientists, Dr. Irit Rylski and Mr. Moshe Bar, made a technical visit in December to provide consultation on tomatoes and vegetables; Israeli scientist, Dr. Ben Ami Bravdo, made a technical visit in December to consult on banana production and fertigation; two Israeli consultants from Shorashim Nurseries visited the project site in December to install the mixing and sowing machines for the seedling nursery and provide consultation on the operation of the equipment; plans were made for technical visits in January 1994, by Dr. Richard Jones (tomatoes and raspberries), Dr. Chaim Rabinovich (onions); Mr. Yossi Ben-Dov (melaleuca); and Engineer Uri Drori (heating systems).
- **Goal - Economic and Marketing Study:** second draft of the study was completed. Reviewers are critiquing the document. Updates to the report will be provided as project activities expand.

This Quarterly Progress Report of the activities of the Moroccan Cooperative Agricultural Development Project was prepared by the San Diego State University Foundation utilizing input from participants in the Kingdom of Morocco, the State of Israel and the United States of America. A detailed progress report of project activities will be included in the next required semi-annual report.