MEMORANDUM OF UNDERSTANDING
CONCERNING
SCIENTIFIC AND TECHNICAL COOPERATION
BETWEEN
THE UNIVERSITY OF JORDAN
HASHEMITE KINGDOM OF JORDAN
AND
THE INTERNATIONAL CENTER FOR AGRICULTURAL RESEARCH IN THE DRY AREAS

This Memorandum of Understanding is made and entered into by and between the University of Jordan of the Hashemite Kingdom of Jordan, hereinafter referred to as "the University", and the International Center for Agricultural Research in Dry Areas, hereinafter referred to as "ICARDA", concerning scientific and technical cooperation in areas of mutual interest in agricultural research and development.

WHEREAS ICARDA, an autonomous non-profit international research center established in 1977 with headquarters in Aleppo, Syria, is one of the international research centers supported by the Consultative Group on International Agricultural Research (CGIAR), which is co-sponsored by the Food and Agriculture Organization of the United Nations (FAO), the International Fund for Agricultural Development (IFAD), the United Nations Development Programme (UNDP) and the World Bank;

WHEREAS ICARDA's mission is to improve the welfare of people through research and training in dry areas of the developing world, by increasing the production, productivity and nutritional quality of food, while preserving and enhancing the natural resource base;

WHEREAS ICARDA works through a network of partnerships with national, regional and international institutions, universities, non-governmental organizations and ministries in the developing world and is committed to the advancement of agricultural research; free exchange of germplasm and information for research; protection of intellectual property rights, including indigenous knowledge of farmers; and poverty alleviation, particularly among women and children;

WHEREAS the University is interested in increasing food production and sustaining natural resources through skilled manpower development and research;

WHEREAS the University first hosted the Regional Coordinator of ICARDA's West Asia Regional Program until 1989 and scientists of the University and ICARDA have cooperated since 1979 through the exchange of germplasm, expertise and information, implementation of joint projects, and training of scientists, and have found such cooperation to be mutually beneficial.

WHEREAS the University and ICARDA see the potential benefits from more cooperation that takes advantage of the complementary skills, experience and capacity of the two parties in areas of mutual interest;

THEREFORE, the University and ICARDA, having common goals and expressing their mutual desire to cooperate in agricultural research and human capacity building, have agreed to formalize their relationship in accordance with the following Articles.
ARTICLE I: EXCHANGE OF INFORMATION

1.1 The University and ICARDA will exchange information on the extent, scope and magnitude of their research and training programs in the areas of mutual interest.

1.2 The two parties shall exchange information and knowledge in areas of mutual interest in the form of publications, newsletters, and other media.

1.3 Each party shall invite the other to participate in scientific meetings, conferences, workshops and seminars that it holds and which are related to their common activities.

1.4 The two parties will cooperate in organizing scientific conferences, workshops, and specialized seminars in areas of mutual interest.

ARTICLE II: SCOPE OF COOPERATION

2.1 According to their personnel and budgetary limitations, the University and ICARDA will promote cooperation in areas of mutual interest relating to all aspects of agricultural research and development under dryland conditions, including but not limited to the following:

(i) ICARDA shall assist the University to improve its capability to conduct research under dryland conditions.

(ii) ICARDA shall assist the University to develop its human resource capabilities to conduct modern agricultural research through the Graduate Research Training program.

(iii) ICARDA shall provide the University with expertise and facilities required for the implementation of the agreed upon activities.

(iv) The University shall participate in the international trials organized by ICARDA for the exchange and enhancement of germplasm and breeding materials.

(v) ICARDA shall assist the University in the development of graduate program on integrated natural resources management conservation, biodiversity and biotechnology.

(vi) ICARDA shall consider the University Research Station for Arid Agriculture at Al-Muwaqqar as a site for arid agriculture research and training at the national and the regional levels

ARTICLE III: POST GRADUATE TRAINING

3.1 ICARDA and the University shall jointly seek support from potential donors to provide assistance to post-graduate students of the Faculty of Agriculture and other appropriate institutions, to facilitate field and laboratory research for these students at their respective research facilities, in accordance with specific arrangements to be agreed at the annual coordination meeting.

3.2 The University shall seek to admit foreign students nominated by ICARDA for post-graduate studies in accordance with the applicable admission requirements of the University and within the specialization available at the Faculty of Agriculture.

ARTICLE IV: VISITS OF SCIENTISTS

4.1 ICARDA and the University shall support the exchange of short and long-term visits (including sabbaticals) of scientific and training experts where such visits contribute to the effective and efficient development of national and regional agriculture research training programs. The Faculty of Agriculture at the University shall organize visits to
ICARDA's experimental fields for specialist students. The dates of such visits shall be set by agreement between the parties.

ARTICLE V: ANNUAL WORK PLANS

5.1 The two parties shall meet at least once a year to discuss areas of cooperation and to develop work plans that describe more specifically the activities to be carried out under a cooperative program, and to establish the specific procedures for implementation of those agreed activities. Where possible, these meetings will be scheduled to coincide with other such as the annual ICARDA-Jordan Coordination meeting and special project coordination meetings.

5.2 The recommendations and work plans developed in these meetings shall be submitted to the senior management of both parties for their review and approval.

5.3 The University and ICARDA may name any member of its staff to discuss the details of cooperation between the two parties and to ensure the effective implementation of this Memorandum of Understanding.

ARTICLE VI: FACILITIES

6.1 The University and ICARDA shall extend to each other the facilities necessary for the successful implementation of the agreed work plans and activities developed within the framework of this Memorandum of Understanding.

ARTICLE VII: SPECIFIC COOPERATIVE AGREEMENTS

7.1 The University and ICARDA will collaborate in developing joint research proposals and cooperate in soliciting external funding for joint research projects.

7.2 Any collaborative programs and projects that are subsequently implemented under the framework of this Memorandum of Understanding shall be defined through separate and specific protocols, which shall stipulate each project’s objectives and duration, the nature of the activities to be carried out by each party, the financial aspects and the conditions applicable to each party.

ARTICLE VIII: PUBLICATION OF RESULTS

8.1 Subject to consultation and agreement in individual cases, the parties agree to publish the results of their cooperative research in the public interest. Such results will be published in the form of jointly-authored papers submitted to the publishers by scientists working for the two parties. In particular cases, the parties may determine after consultation that results will be published separately by one of the two parties but, in all such cases, the party responsible for preparing the publication shall report, and give credit for, the other party’s contributions and interpretations.

ARTICLE X: INTELLECTUAL PROPERTY RIGHTS

9.1 All inventions, improvements, original works and/or discoveries, which are conceived or made during collaborative projects by one or more employees of either party will remain the property of that party, which will have the right to seek intellectual property protection. Each party would grant the other party the right to use such inventions, improvement, original works and/or discoveries internally for research purposes only. Each party would grant all partners in the national agricultural research systems of developing countries the rights to such inventions, improvement, original works and/or discoveries internally for non-commercial purposes. Each party will not transfer to third
parties or sell or commercialize in any form the intellectual property conceived or made during collaborative projects without prior written approval of the other party.

ARTICLE IX: TERMS OF AGREEMENT

10.1 This Memorandum of Understanding is considered to be an expression and recording of the two parties' intentions. It shall not be deemed as an official legal contract and shall not result in any legal or financial liabilities to either party.

10.2 This Memorandum of Understanding may be amended upon written request of either party and by written consent of both parties.

10.3 This Memorandum of Understanding may be canceled by either party upon written request.

10.4 This Memorandum of Understanding shall enter into effect on the date of signing by official representatives of both parties and shall remain in effect unless it is amended according to Article 10.2 or terminated according to Article 10.3.

10.5 This Memorandum of Understanding is concluded in two originals in the English language whereby each of the contracting parties shall receive one original, signed by both parties.

As agreed by the contracting parties and signed by their authorized representatives as shown below,

Signed:

On behalf of University of Jordan

[Signature]

Prof. Dr. Abdelrahim Al-Huneiti
President

On behalf of the International Center for Agricultural Research in the Dry Areas

[Signature]

Prof. Dr. Adel El-Beltagy
Director General

Date: June 28th 2005

Date: 28/6/2005