



**ARAB ORGANIZATION FOR  
AGRICULTURAL DEVELOPMENT  
HISTORICAL BACKGROUND  
AND  
ACHIEVEMENTS  
1972 - 1990**






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## BACKGROUND

The idea of establishing an Organization specialized in agricultural development emerged in 1969 at a meeting held in Cairo and attended by the Ministers of Agriculture of 14 Arab States.

In its 53rd ordinary session, the council of the League of Arab States, by resolution No. 2635 approved the institution of a body corporate in the name of the Arab Organization for Agricultural Development (AOAD).

The council, then invited other member states to join the new Organization, which reached its full membership by 1980. The following table shows the names



of member states and date of joining the Organization.

State	Sequential Effective Date of Membership
1. The Hashemite Kingdom of Jordan	30/9/1972
2. United Arab Emirates	30/9/1972
3. Republic of Sudan	30/9/1972
4. Syrian Arab Republic	30/9/1972
5. Republic of Iraq	30/9/1972
6. State of Kuwait	30/9/1972
7. Arab People's Socialist Jamahiriya of Libya	30/9/1972
8. Arab Republic of Egypt	30/9/1972
9. People's Democratic Republic of Yemen	30/9/1972
10. Kingdom of Saudi Arabia	30/9/1972
11. Sultanate of Oman	18/2/1974
12. State of Qatar	27/3/1974
13. Republic of Tunisia	23/6/1974
14. Democratic Republic of Somalia	05/8/1974
15. Yemen Arab Republic	05/8/1974
16. Islamic Republic of Mauritania	08/8/1974
17. People's Democratic Republic of Algeria	17/12/1974
18. State of Palestine	05/4/1975
19. State of Bahrain	11/5/1975
20. Kingdom of Morocco	17/10/1975
21. Republic of Lebanon	01/1/1980
22. Republic of Djibouti	27/5/1980

## AOAD Headquarters

## Regional Offices

The capital of the Republic of the Sudan, Khartoum, was chosen for AOAD headquarters, which was transferred from its temporary location to a permanent and newly constructed building in 1987. It comprises the Organization's administration and its technical and service departments, which include printing and publishing units and the Arab Centre for Agricultural Documentation and Information (ACADI).

AOAD has currently eight regional offices distributed in the Arab region as shown below:



Country	Location	Date of Establishment
Iraq	Baghdad	01.4.1975
Jordan	Amman	01.6.1976
Yemen	Sanaa	01.9.1976
Syria	Damascus	19.2.1976
Libya	Tripoli	01.11.1977
Morocco	Rabat	10.2.1984
Mauritania	Nouakchot	01.8.1985
Algeria	Algiers	21.2.1987

## AOAD Objectives

The objectives of the Organization emanate from sense of realization, conviction and desire of Arab countries to explore avenues for strengthening relations and developing cooperation in different agricultural activities to achieve food self sufficiency in a framework of regional agricultural and economic integration.

To realize those objectives, AOAD was assigned the following major developmental tasks:

- Development of natural resources.
- Improving efficiency of agricultural productivity.
- Increasing agricultural production.
- Supporting the establishment of agricultural and agro-industrial projects.
- Encouraging intra Arab Agricultural trade.

## AOAD Structure

- Improving living standards of the rural population.

To fulfill its objectives, the Organization adopts different approaches including:

- Supporting and coordinating regional developmental efforts in the following areas:
  - Technical research;
  - Economic and social studies;
  - Rural communities development;



- Promotion of agricultural institutions and services;
- Conservation of natural resources;
- Improvement of means of production, marketing and agro-industries; and
- Exchange of Agricultural expertise.
- Compilation and publication of food and agricultural data and information.
- Providing technical assistance on request of member states.
- Monitoring recent development and innovations in international agriculture.
- Preparation, evaluation and implementation supervision of developmental projects and programs.
- Contributing in the propagation of developmental projects and programs in an effort to secure their financing needs.
- Coordination of agricultural legislation, laws, systems and standardization of agricultural specifications, measurements and terminologies.
- Cooperation with different national, regional and international Organizations concerned with agricultural development issues.

The present organizational set-up comprises the following:

- General Assembly
- Executive Council
- General Administration

### **The General Assembly:**

It is the supreme entity of the Organization's structure, concerned with formulating strategies and general policies that pave the way for the

Organization's operations. It is also responsible for planning and monitoring AOAD programs, activities, technical and administrative operations. To achieve AOAD objectives the general assembly takes all necessary decisions and needed arrangements.

The general assembly is composed of the Ministers of Agriculture of all member states or any official whom they may delegate. The general assembly has replaced the now defunct Organization's council according to amendments approved by the Ministers of Agriculture in 1990. The council held 20 ordinary and 2 extraordinary sessions during the period 1972-1990. The sessions were



chaired by the Ministers of Agriculture of the host countries. The attached table provides a summary of the location and timings of those meetings. (the table on page 15)

### **The Executive Council:**

In its 20th ordinary session, AOAD Ministerial council approved the formulation of an executive council to act as major body of its Organizational structure. It assumes the role of the board of directors, concerning itself primarily with taking all necessary measures to enable AOAD in achieving its objectives. It submits to the general assembly AOAD technical work plan, budget and financial statements. It is also entrusted with issuing of administrative and financial regulations. The council also assists the general administration in securing AOAD financial requirements including membership shares, donations and grants.

The executive council consists of seven members who are periodically selected for a two-year term from among members of the general assembly.

### **The General Administration:**

It is the main executive authority of the Organization. It comprises the Director General, Deputy Director General, staff of technical departments, regional and Liason officers.

He is the chief executive of the Organization, responsible to the general assembly and the executive council for ensuring that the Organization's objectives are fully achieved and its tasks accomplished.

The Director General is delegated to represent the Organization in

Director General

pursuance of its objectives in all meetings and gatherings at the national, regional and international levels. He is also authorized to negotiate, draw up contracts on behalf of the Organization and to defend it in litigation. The Director- General is entrusted with carrying out all technical, administrative and financial responsibilities assigned to him by the general assembly and the executive council.

Since its establishment in 1972, three distinguished agricultural scientists have held the post of Director General, namely.



1. H.E. Dr. Kamal Ramzi Isteno  
Ex- Minister of Supply, Arab Republic of Egypt. (1972-1976)
2. H.E. Mohamed Mohib Zaki.  
Ex- Minister of Agriculture, Arab Republic of Egypt. (1976-1979).
3. H.E. Dr. Hassan Fahmi Jumah  
Ex- Minister of Agriculture and Agrarian Reform, Republic of Iraq (Since 1980).

#### **Director General at present:**

Dr. Hassan Fahmi Jumah was appointed Director General for his first term in 1980 for a period of 4 years. He was re-appointed twice in 1984 and 1988 respectively.

Prior to becoming Minister of Agriculture and Agrarian Reform in Iraq, Dr. Jumah held several high ranking posts. Those include Deanship, Faculty of Agriculture at Mosul University, and Faculty of Veterinary Medicine in Baghdad University. He also occupied the post of General Manager of the Department of Agricultural Education and Natural Resources at the Ministry of Education and Scientific Research in Iraq. In addition to all those Dr. Jumah continued to provide his academic expertise as a professor of nutrition to a number of Iraqi Universities.

The Deputy Director- General assists the Director- General in administering the affairs of the Organization and deputises for him in his absence. The post was held consecutively by four leading Sudanese agricultural scientists, namely:

**The Deputy  
Director- General**



The Technical and  
Administrative  
Departments  
At the  
Headquarters

Crop Production  
Department

- Dr. Ahmed Abdalla Osman  
Former undersecretary of the Ministry of Agriculture (1973-77)
- Mr. Hussein Mohamed Hassan  
Former undersecretary of Agriculture for Services (1977-1981)
- Dr. Mohamed Osman Mohamed Salih  
Former director of Agricultural Research Corporation (1981-1990).
- Dr. Abdel- Rahman El Tayib Aldel-Hafeez  
Former deputy Vice- Chancellor, University of Khartoum, (Since 1990).



The headquarters of the Organization comprises four main departments and three other technical units, namely:

- Crop Production Department
- Animal Production Department
- Economic Department
- Financial & Administrative Department
- Technical Cooperation Section
- Information and Publications Section
- The Arab Centre for Agricultural Documentation and Information (ACADI)

The above departments and sections carry out technical and economic studies and provide advice and assistance to member states. They also supervise the implementation of developmental projects, plan training courses and provide opportunities for Arab technical staff and experts to meet, exchange their views and discuss current issues of Arab agricultural development. The duties of the technical departments are carried out by a permanent specialized team with the support of part-time Arab specialists.

It is concerned with studies in areas of crop production, horticulture and forestry and the improvement of production techniques through such means as mechanization and crop protection. It is also concerned with the development and evaluation of land and water resources both quantitatively and qualitatively for potential agricultural use.

## Animal Production Department

The department also undertakes and coordinates national and regional crop production research and field experiments and contributes in disseminating their findings among Arab countries. In addition, the department provides scientific advice on modern technology for the improvement of production. It also helps in the development of agricultural and food industries as a mean of diversifying agricultural production and exploring new markets for agricultural products. At the operational level and to fulfill objectives of new technology transfer the department designs small-scale pilot projects and supervises their implementation which include the provision of inputs and training of national staff.



The Crop Production department comprises the following sections:

- Field and Horticulture Crops Section
- Land and Water Section
- Pilot Projects Unit
- Agricultural Mechanization Unit

The department conducts studies and offers technical advice in such areas as livestock, poultry and fish production and related activities. Those efforts also include the proper utilization of natural and cultivated pastures, in addition to prevention and vaccination against endemic and other prevalent diseases. The department also supervises studies and research pertinent to survey, management and conservation laws of wild life.

In the area of animal hygiene, the department contributes in designing national and regional programs to promote vaccine production and control the spread of animal diseases. It also encourages cooperation among member states in the exchange of information on animal diseases, vaccine and drug production and planning for the development and promotion of veterinary services and quarantines. In addition to those activities, the department conducts studies and monitor the flow of imports and exports of animals and animal products in the Arab region. The department comprises three sections:

- Animal Production Section
- Poultry and Marine Biology Section
- Animal Hygiene Section

## The Economics Department

The department is responsible for carrying out economic studies in the fields of the economics of agricultural production, use of economic and natural resources, in addition to agricultural planning and policies. It also conducts studies related to the domestic and foreign trade in agricultural commodities and products.

The department is also concerned with the enhancement of agricultural supporting institutions and systems that encompass cooperation, credit, research, extension services and overall rural development programs.

At the same time the department undertakes the task of improving the



efficiency and performance of agricultural statistical systems to involve their human, institutional and physical capacities. In pursuing its efforts to improve and disseminate statistical information, the department prepares a year-book on Arab agricultural statistics, in addition to an annual report on food and agricultural situation in the Arab region.

The Economics department, in collaboration with other technical departments, conducts feasibility studies of agricultural development projects. Moreover, it taps and encourages domestic and foreign capital resources in an effort to secure financial needs of those projects.

The department acts as a technical secretariat to the Food Security Working Group formulated since 1983 to function under the auspices of the Economic and Social Council of League of Arab States

The department consists of three sections:

- Projects Evaluation Section
- Production Economics Section
- Statistics and Planning Section.

The department provides all financial and administrative services for the Organization, in particular the preparation of the draft budget and the execution of the financial and administrative resolutions of the executive council. It is also

## Financial and Administrative Affairs Department

## Technical Cooperation Section

responsible for all procedures involved in expenditures and accounting, in addition to personnel affairs. It carries out all duties connected with the employees' committee, supervises the administration and maintenance of the Organization's physical assets and revises contracts concluded between the Organization and other parties. It also prepares information on the Organization's financial position every three months and represents the Organization in the supervisory bodies responsible for financial scrutiny and the preparation of the final accounts.

In addition the department also supervises secretarial duties, store keeping



administration and the supply of materials as well as the public relations duties of receiving and dispatching of the Organization's experts.

The department consists of the following sections:

- Financial Affairs Section
- Administrative Affairs Section
- Public Relations Section.

The work of this section is to strengthen ties and establish new ones with Organizations, institutions and research centres in Arab countries and to help in the transfer of expertise from international centres in different fields of economics and agriculture. It also participates in the design of details of all the scientific gatherings and training courses arranged by the Organization inside and outside the Arab world.

In addition, this section collects data on agricultural expertise in Arab Countries and publishes them periodically. Also in collaboration with other concerned departments, it coordinates technical work and supervises technical assistance provided by the Organization to member states.

This section consists of the following units:

- External Relations Unit
- Training Unit.

## Information and Publications Section

## The Arab Centre for Agricultural Documentation and Information (ACADI)

The work of this section is to establish relations between the media and agricultural extension centers in Arab countries. The section is responsible for publishing a journal on agriculture and development in the Arab world and supervises the printing of all AOAD publications. Its other tasks include the preparation of such information materials as films and slides, in addition to mounting exhibitions and producing radio and television programmes on the agricultural sector in the Arab world.

This section consists of the following units:

- Typing Unit



- Design and Processing Unit.
- Printing Unit.

The aim of the centre is to link sources of information on agriculture in the Arab world and to coordinate collaboration between them and the international information systems. This will allow the free flow of information between Arab countries to proceed effectively and provide guidance for the efficient resource allocation invested in this field.

The centre collects, processes, stores and disseminates both documentary and non-documentary information using modern technology. It coordinates the output of the sectoral network for agricultural information as part of the Arab information network.

The centre also coordinates activities of Arab centres for agricultural documentation and information. This task includes systems design, development and documentation as well as the establishment and modernization of unified Arab data bases, training and the Organization of workshops. The centre participates in Arab and international information systems.

The centre provides services for many beneficiaries in Arab countries: which include, researchers, trainees, policy-makers, decision-makers, agriculturalists and agricultural extension workers. This is in addition to agricultural Organizations and institutions which carry out research, teaching and developmental activities.

Technical and  
Administrative  
Units outside  
the Headquarters

Regional Offices

The centre consists of the following units:

- The Library
- The Computer
- Microfiche Laboratory
- Distribution

These units comprise:

- The Regional Offices.
- Liason Offices



-The Arab Institute for Forestry and Range

The Organization's eight regional offices are located in Baghdad, Amman, Sanaa, Damascus, Tripoli, Rabat, Nouakchott and Algiers. Each office is managed by a director with a broad agricultural experience supported by a small administrative staff. In some cases, few technical staff are affiliated to the offices.

The regional offices perform the following functions :

- Collecting country agricultural statistics and information on development plans and studies.
- Preparing an annual report on agriculture and development within the geographical area covered by the office;
- Updating list of experts specialized in different aspects of agricultural development;
- Contacting country authorities for technical consultations on programmed activities to be implemented by the Organization
- Providing technical and administrative assistance to teams of experts who execute the Organization's programs and activities within the offices geographical area; and
- Opening channels of communication and dialogue between the Organization and representatives of other Arab and international institutions and Organizations operating within the relevant geographical area, with the aim of highlighting and promoting the Organization's programs and activities and exploring the possibilities of joint projects.

## LIASON OFFICES

### THE ARAB INSTITUTE FOR FORESTRY AND RANGE

### Financial Resources of the Organization

Those are technical staff employed by their respective countries and as a part of their official duties they provide services to the Organization. They are stationed in Kuwait, Riyadh, Dubai, Mogadishu, Aden and Beirut. They represent the link between the Organization's headquarters and specialized ministries in their countries. They are generally assigned to collect statistics, information and technical reports and facilitate official missions of the Organization's experts.

The institute was established in 1960 in Latakia, Syria in collaboration with the FAO. In 1979 it was decided to affiliate the Institute to AOAD and since then it



receives annual funds from the Organization's general budget.

The Institute has a board of directors headed by the deputy director-general of the Organization and membership comprised of the director of AOAD regional office in Syria and the managers of the Forestry departments or their representative in Syria, Jordan, Iraq, Tunisia, Sudan and Algeria, in addition to the director of the Institute.

The Institute trains and qualifies Arab cadres in its field of specialization and awards its graduates a diploma after completing two academic years equivalent to 22 working months. Students are enrolled on the basis of their attainment high secondary school certificate based on regular or agricultural education or their equivalent.

To secure its financial resources, AOAD has a number of sources which include:

- Annual contributions of member states allotted according to shares followed in the general budget of the League of Arab States
- Target funding by member states or as a part of cooperation agreements with Arab, regional and international development and financing organizations. Those funds are targeted to finance joint collaborative activities such as conducting of studies, implementation of projects and programs.
- Potential returns from investment of the Organization's capital flows.

## Activities of the Organization

- Gifts, bequests or contributions approved by the executive council of the Organization or its general assembly.

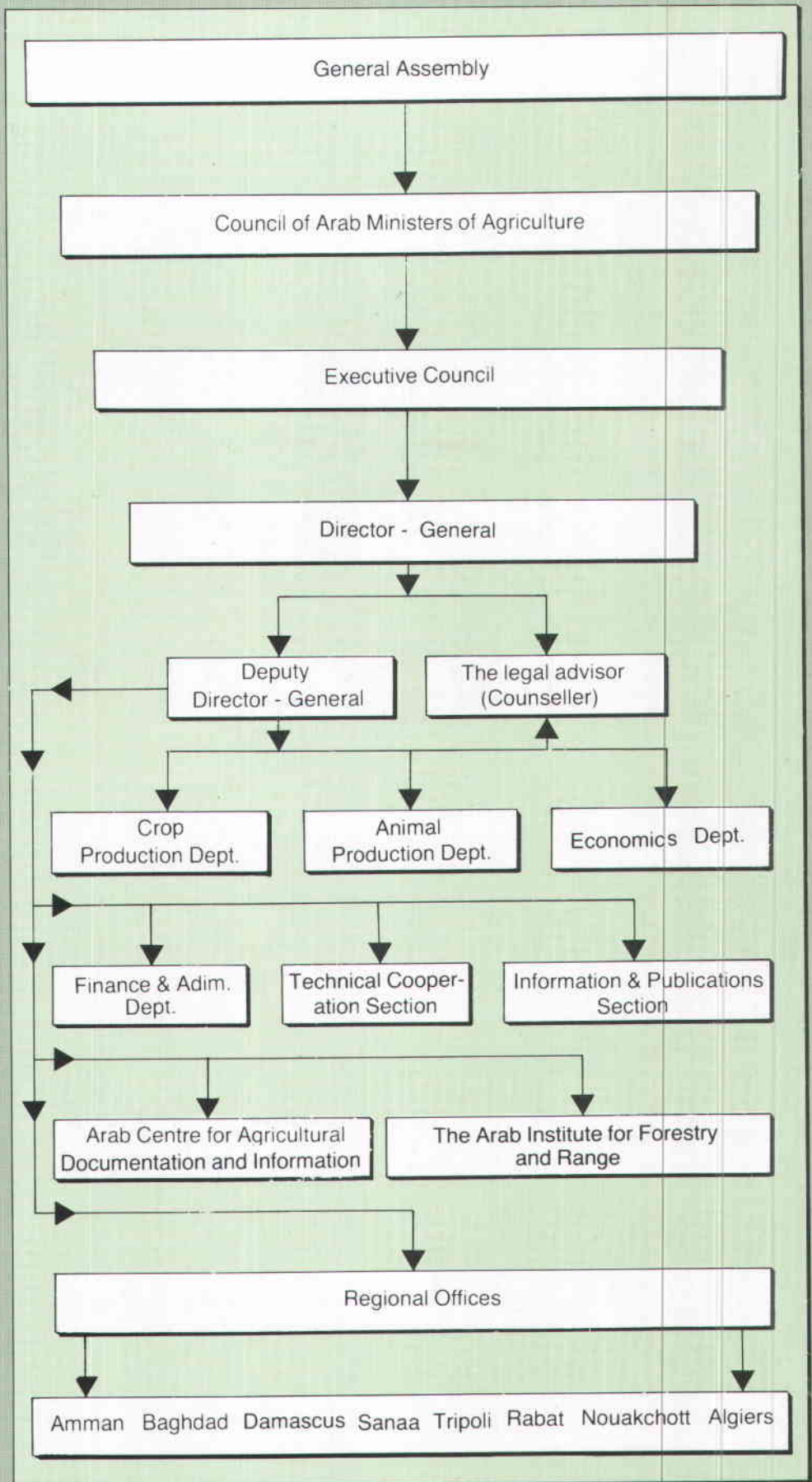
In order to achieve its objectives, the Organization conducts development studies, training courses and seminars in addition to providing technical assistance to member states. It also designs and implements pilot agricultural projects aimed at disseminating knowledge of modern agricultural techniques. Furthermore, the Organization supervises the execution of certain production or service oriented development projects at both the country and regional levels.



In conducting its programs and other activities, the Organization adheres to a system of multi-disciplinary and well integrated research and executive teams. Members of those teams are chosen from different Arab states and work for a period ranging from a few weeks to a number of years depending on the nature of the project, program, seminar, study or technical aid. The Organization sometimes, contracts foreign consultants to offer their expertise in such areas where no Arab experts are available.



Administrative Structure of AOAD



## AOAD COUNCIL MEETINGS

Ordinary Sessions	Location	Date	Chairmanship
First	Khartoum, Sudan	30/9-2/10/1972	H.E.W. Habashi
Second	Khartoum, Sudan	27/1-30/1/1973	H.E.W. Habashi
Third	Cairo, Egypt	17/7-19/7/1973	H.E. Dr. M.M. Zaki
Fourth	Cairo, Egypt	6/8-8/8/1974	H.E. Dr. M.M. Zaki



Fifth	Baghdad, Iraq	14/10-17/10/1975	H.E. Dr. H.F. Jumah
Sixth	Tunis, Tunisia	13/10-14/10/1976	H.E. H. Belkhoja
Seventh	Amman, Jordan	17/10-20/10/1977	H.E.S. Gomaa
Eighth	Rabat, Morocco	23/10-27/10/1978	H.E.M. Faris
Ninth	Riyadh, S. Arabia	7/1-10/1/1980	H.E. Dr. A.A. Alsheikh
Tenth	Damascus, Syria	13/12-16/12/1980	H.E.H. Masoukar
Eleventh	Tripoli, Libya	12/12-15/12/1981	H.E.B. Gouda
Twelfth	Sanaa, Yemen	20/11-22/11/1982	H.E. Dr. A.A. Al Hamadani
Thirteenth	Khartoum, Sudan	24/12-26/12/1983	H.E. Dr. O.A. Hakim
Fourteenth	Mogadisho, Somalia	11/12-13/12/1984	H.E. Brigadier B.R. Goulid
Fifteenth	Algiers, Algeria	11/1-13/1/1986	H.E. A.S. Al Noman
Sixteenth	Baghdad, Iraq	26/1-28/1/1987	H.E. A.S. Al Noman
Seventeenth	Khartoum, Sudan	18/1-20/1/1988	H.E. Dr. O. Nour Al Dayem
Eighteenth	Damascus, Syria	16/1-18/1/1989	H.E.M. Ghabbash
Nineteenth	Tripoli, Lybia	16/1-18/1/1990	H.E.A. AL Gaoud
Twentieth	Amman, Jordan	29/7-30/7/1990	H.E. Dr. S. Arabiat

### Extra Ordinary Sessions

First	Baghdad, Iraq	3/7/1979	H.E.A. Al Isasi
Second	Amman, Jordan	28/7-29/7/1990	H.E.A. Al Gaoud

**List of AOAD  
Technical Staff  
at Headquarters,  
Regional Offices  
and Projects**

Name	Title	Qualification
Hassan F. Jumah	Director General	Ph.D., Animal Production
A/Rahman E. A/Hafeez	Deputy Director General	Ph.D., Horticulture
A/Hamid O. Abbashar	Head, Animal Prod. Dept.	Ph.D., Animal Genetics
Mohamed Z. Gomaa	Head, Economics Dept.	Ph.D., Agricultural Economics
Khashii M. Al Rawii	Head, Plant Prod. Dept.	Ph.D., Agronomy
Yahia Bakour	Head, Regional Office, Syria	Ph.D., Agricultural Extension
Mohamed K. Boker	Head, Regional Office, Libya	MSc., Agricultural Economics
Najem Ben Mohamed	Head, Regional Office, Morocco	MSc., Irrigation
Abdel Hamid Al Kayed	Head, Regional Office, Jordan	Ph.D., Agricultural Economics
Mohi Y. Al Samarrai	Head, Regional Office, Iraq	Ph.D., Soil Science
Ismail M. Al Mutwakil	Head, Regional Office, Yemen	MSc., Agronomy
Ahmed Al Wafi	Head, Regional Office, Mauritania	Bachelor of Laws (LL.B)
Mustafa Al Abbasi	Head, Regional Office, Algeria	Ph.D. Agronomy
Ali A. Saad	Head, Dept. of Finance & Administration	B.A., Commerce
El Sadig A. Azrag	Head of Section Plant Prd. Dept.	Ph.D., Agricultural Mechanization
Karrar A. Abbadi	Head of Section, Economics Dept.	Ph.D., Agricultural Economics
Abbas A. Abou Ouf	Head of Section, Economics Dept.	Ph.D., Agricultural Economics
Gismalla Al Khider	Head of Section Economics Dept.	MSc., Statistics
Jamal F. Andraous	Head, Documentation & Information Dept.	MSc., Documentation & Information Systems.
<b>Ahmed Hamoud</b>	<b>Arab Institute for Forestry and Range</b>	Ph.D., Forestry
Ahmed Saeed	Deputy Director, <b>Arab Institute for Forestry and Range</b>	Ph.D., Forestry
Hassan R. Hasson	Date Production Consultant U.A.E.	Ph.D., Date Production & Breeding
Abo Obeida S. Adam	Animal Diseases Consultant, State of Bahrain	MSc., Veterinary Sciences
Omer I. Mohamed	Quarantine Measures, Staff, State of Bahrain	B.Sc. Veterinary Sciences
Abou Horiera H. Ahmed	Quarantine Measures, Staff, Saudi Arabia	B.Sc. Veterinary Sciences
Mansour H. Salih	Quarantine Measures, Staff, Saudi Arabia	B.Sc. Veterinary Sciences
Mahmoud A. Mahmoud	Regional Coordinator, UNDP Project on Oil- Seeds Development	MSc., Agronomy and Breeding
A/Rahman K. Osman	Country Coordinator, UNDP Project on Oil- Seeds Development, Sudan	MSc., Agronomy
Mohamed A. Hibaishan	Country Coordinator, UNDP Project on Oil- Seeds Development, Yemen	MSc., Entomology
Gaafar H.A. Al Jafri	Country Coordinator, UNDP Project on Oil- Seeds Development, Yemen	MSc., Agricultural Extension
Omer Sh. Mohamed	Country Coordinator, UNDP Project on Oil- Seeds Development, Somalia	MSc., Plant Breeding
Ibrahim A. Al Mekki	Vegetable & Fruit Prod. Consultant, Somalia	MSc., Horticulture
Abdel Malik Sh. Osman	Vegetable & Fruit Prod. Staff, Somalia	Diploma, Horticulture

Name	Title	Qualification
Yousri A. Nasser	Irrigation Systems Staff, Sultanate of Oman	BSc., Irrigation Engineering
Gaffer H.M. Ali	Onion Seeds Propagation Consult. Yemen	Ph.D. Horticulture
Al Sanousi A. Al Sanousi	Vegetable and Fruit Production staff, Yemen	Diploma, Horticulture
Mahgoub G. Al Haj	Animal Nutrition Consultant Sultanate of Oman	Ph.D., Animal Nutrition
Haydar Ibrahim	Kahidi Agric. Institute Staff Mauritania	BSc., Agriculture
Sadig A. Bakhiet	Kahidi Agric. Institute Staff Mauritania	BSc., Forestry
Abd Elmoneim Ail Hassan	Kahidi Agric. Institute Staff Mauritania	M.Sc., Veterinary Sciences
Sirag Aldin M. Jab Alla	Rural Engineering Staff, Mauritania	BSc. Agriculture
Osman H. Abdel Samed	Vegetable and Fruit Production staff, Yemen	Diploma, Horticulture
Zein Al Abdin A. Hamid	Vegetable and Fruit Production staff, Yemen	Diploma, Horticulture
Abdalla Abo Baker	Country Coordinator & Animal Production Consultant New Heisha Project, Libya	Ph.D Animal Production
Mohamed N, Sounkari	Environment Consultant, New Heisha Project, Libya	Ph.D., Environmental Sciences
Ali Osman Al Mekki	Pastures Consultant, New Heisha Project, Libya	MSc., Pastures
Kamal S. A/Rasoul	Wild Life Consultant, New Heisha Project, Libya	Ph.D., Wild Life
Ibrahim Al Nazer	Bee Honey Consultant New Heisha Project, Libya	Ph.D Bee Honey
Al Haj A. Al Habib	Animal Production Dept. Staff	MSc. Animal Production
Khalid A. Rajab	Plant Production Dept. Staff	MSc. Plant Production
Osman Mirghani	Technical Section Staff	BSc. Agriculture
Abdel Ghani A. Hussein	Computer Programmer, Economic Dept	Diploma, Statistics
Ibrahim M. Hassan	Financial Dept. Staff	BSc. Accounting
Mohi El Din M. Atta Almannan	Financial Dept. Staff	BSc., Accounting
Abdel Fatah Saliheen	Administration Dept. Staff	LL.B
Awatif Yousif Mohamed	Financial Dept. Staff	B.Sc. Commerce.
Hassan M. Salih	Financial Dept. Staff	BSc. Economics
Mohamed A. /Moniem	Financial Dept. Staff	BSc. Commerce
Ihab A. Mahmoud	Documentation & Information Dept., Staff	BSc. Agriculture
Khalafalla M. Rahama	Documentation & Information Dept., Staff	BSc. Agriculture
Mona A/ Rahman (MS)	System Programmer	BSc. Commerce
Ramiz Fakhri	Head Computer Unit	BSc. Computer Science
Awad M. Ali	Hard ware Engineer	Diploma, Electronics

## Studies

### REGIONAL STUDIES

The scope of AOAD studies is designed to cover three levels:

- Regional level;
- Semi-regional (Joint) level;
- Country level.

In what follows is a comprehensive list of those activities at the regional, semi-regional, and country levels conducted by AOAD during 1975-1990.

1. Arab Agricultural Resources (1975)
2. Agricultural Production in the Arab World (1975)



3. Projections of Agricultural Production and inputs in the Arab countries (1980-1985) (1975)
4. Demand Estimates of Agricultural Food Commodities in the Arab Countries (1975)
5. Foreign Trade and Exchange Impediments of Agricultural Commodities in Arab Countries and means of Activation (1975)
6. Fish Resources in the Arab World (1975)
7. Main Trends in the Arab Production Policy (1975)
8. Production, Marketing and Packing of Agricultural Products with Special Reference to Vegetables in the Arab Countries (1975)
9. A Comprehensive Survey on utilization of Machinery for Agricultural Development in the Arab Countries (1975)
10. Methods for Agricultural Development and Export of Citrus Fruits in the Arab Countries (1975)
11. Development of Production and Export of Medicinal Aromatic, and Ornamental Plants and Flowers in the Arab Countries (1975)
12. A Comprehensive Survey of Agricultural Extension in the Arab Countries (1975)
13. Report on Evaluation and Improvement of the Arab Forestry Institute, Lattakia, Syria (1975)
14. Food Economics in the Arab Countries, 3 Vols. (1976)  
Vol. 1: Production – Vol. 2: Consumption – Vol. 3: Foreign Trade
15. Agroclimatic Study in the Arab Countries (Phase I)

- (Study and Atlas) (1976)
16. Agroclimatic Study in the Arab Countries (Phase II) (1977)  
(Study and Atlas)
17. Agroclimatic Study in the Arab Countries (Phase III) (1978)  
(Study and Atlas)
18. Appraisal of Agricultural Extension Programmes in the Arab  
Countries and Relationship with Agricultural Research  
(Phase I) (1978)  
(Syria, Jordan, Iraq, Saudi Arabia, Oman, Libya)



19. Study of Adequacy of Arab investment funds in financing  
agricultural development projects in the Arab Countries (1978)
20. The Future of Food Economics in the Arab Countries  
(1975-2000) (3 Vols.) (1979)  
Vol. I Production – Vol. II Consumption – Vol. III Foreign Trade
21. The market for livestock and meat in the Arabian Peninsula  
and the role of supplies from neighbouring African Surplus  
regions (jointly with FAO) (1979)
22. Grain marketing and storage in some countries of the near  
East Region (jointly with FAO). (1979)
23. Development of Veterinary Quarantine Services in some  
Arab Countries, Jordan, U.A.E., Bahrain, Syria, Iraq, Qatar,  
Kuwait and N. Yemen (1979)
24. A study of camels in the Arab states (Phase I): present  
status and means for development (1980)
25. A study of camels in Arab world (Phase II) Tech. and econ.  
feasibility study on the Establishment of camel Ranches  
in the Sudan (Jointly with ACSAD) (1980)
26. Appraisal of agricultural extension programmes in the  
Arab Countries and Relationship with Agricultural  
Research (phase II) (1980)
27. Beetroots pests and diseases in the Arab Countries  
(Jointly with Arab Sugar Federation) (1980)
28. Agro Ecological Map of the Arab World (1981)
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- 11 - Technical report: Regulations for the establishment of private nurseries in Sultanate of Oman (1985)
- 12 - Study on citrus viruses and virus- like diseases in Sultanate of Oman (1986)
- 13 - Report on Development of Artificial insemination services in cattle in Sultanate of Oman (1989)



### State of Palastine

- 1 - Agroclimatic study in the Arab Countries (Palestine) 1976  
2 Volumes:  
Vol. I: Text  
Vol. II: Statistics
- 2 - Production and Marketing of Agricultural Products in the West Bank and Gaza strip in Palestine. (1981)
- 3 - Technical and economic feasibility study for the development of Abna Samed project in the Republic of Sudan (1983)
- 4 - The present situation of Olive growing production and processing in occupied Arab Territories and possibilities of its development (1984)
- 5 - Present situation of citrus production in Occupied Arab Territories and possibilities of its development (1984)

### THE REPUBLIC OF LEBANON

- 1 - Agroclimatic study in the Arab Countries (Lebanon) (1976)  
2 Volumes:  
Vol. I: Text  
Vol. II: Statistics
- 2 - Preliminary Study for the Development of Begaea Region in Lebanon (1982)
- 3 - Evaluation of present status and potential development of

animal feed resources in Arab countries (Jointly with ACSAD)  
Lebanon (1985)

### **KINGDOM OF MOROCCO**

- 1 - Agroclimatic study in the Arab Countries (Morocco) (1976)  
2 Volumes:  
Vol. I: Text  
Vol. II: Statistics



- 2 - Potentialities for Animal Production and the Development of Meat Production in Morocco (1977)  
3 - Technical and Economic Feasibility Study for the Establishment of Potato Seed Production in Morocco (1977)  
4 - Technical and Economic Feasibility Study for the Establishment of a Poultry Complex in Morocco (1978)  
5 - Evaluation of present status and potential development of animal feed resources in Arab Countries (Jointly with ACSAD) Morocco (1982)  
6 - Agricultural Policies in Arab Countries (15 Volumes) Vol. XII: Morocco (1982)  
7 - A report on the current situation and development of olive seedlings production in Morocco (1983)  
8 - A report on the intensive plantation of olives in Morocco (1983)  
9 - Preparations for the irrigation of 15.000 hectares in middle Seban and lower Inaoun basis in the Kingdom of Morocco (1984)  
10 - Technical and economic feasibility for the development of cereal production in Morocco (1984)

### **REPUBLIC OF IRAQ**

- 1 - Improvement and Development of Inland Water Resources in Iraq (1975)  
2 - Workplan and System for the Planning Department of the

- Ministry of Agriculture and Agrarian Reform in Iraq (1975)
- 3 - Potato Seed Production Project in Iraq (1975)
- 4 - Economic Assessment of Poultry Industry in Iraq (1976)
- 5 - Agroclimatic Study of Arab Countries: Iraq (1976)  
Vol. I: Text  
Vol. II: Statistics
- 6 - The Problem of Mealy Bugs in Saudi Arabia and Iraq (1976)
- 7 - The problem of Termites in Saudi Arabia and Iraq (1976)
- 8 - Development of Rice Production in Iraq (1977)



- 9 - Plan for An Agrometeorological Network in Iraq (1977)
- 10 - Evaluation of production activities of State Animal Production Corporation in Iraq (1978)
- 11 - Evaluation of State Crop Production Schemes and the Possibility of Establishing Specialized Farms for Oil Seeds Production in Iraq (1978)
- 12 - Proposed Agricultural Insurance System for Iraq (1978)
- 13 - Feasibility Study for the Establishment of Modern Slaughterhouses in Iraq (1978)
- 14 - Study of animal Feed, Milk and Red Meat Production in Iraq (1979)
- 15 - Development of Veterinary Quarantine Services in Some Arab Countries: Jordan, U.A.E., Bahrain, Syria, Iraq, Qatar, Kuwait and N. Yemen (1979)
- 16 - Development and Improvement of Rangelands at the Joint Boundaires between Iraq, Saudi Arabia, Kuwait, Jordan, Oman and North and South Yemens and the Possibility of Storage System for Utilization of Fodder during the Dry Season (Jointly with ACSAD) (1981)
- 17 - Evaluation of present status and potential development of animal feed resources in the Arab Countries (Jointly with ACSAD). Vol. II Iraq (1982)
- 18 - Agricultural Policies in Arab Countries (15 Volumes) Vol. VII: Iraq (1982)
- 19 - Supply and Demand for Vegetables and Fruits in the Arab World, Phase I: Eastern Countries (11 Volumes) Vol. VI: Iraq (1982)

- 20 - Mechanical Harvesting of Short Stem Legumes Crops (Chick peas and Lentils) in Iraq: Part I: Chick Peas and Lentils (1983)
- 21 - Proposed System for Ordinary, Cold and Deep Freeze Storage for Marketing of Agricultural Products in Iraq (1983)
- 22 - Study for proposing suitable crop rotations for the production of industrial crops in the State farms of Iraq (1983)
- 23 - Production and marketing promotion of animal products among the Bedouins in Iraq (1983)
- 24 - Technical report on the problem of vertebrate pests in Iraq (1983)

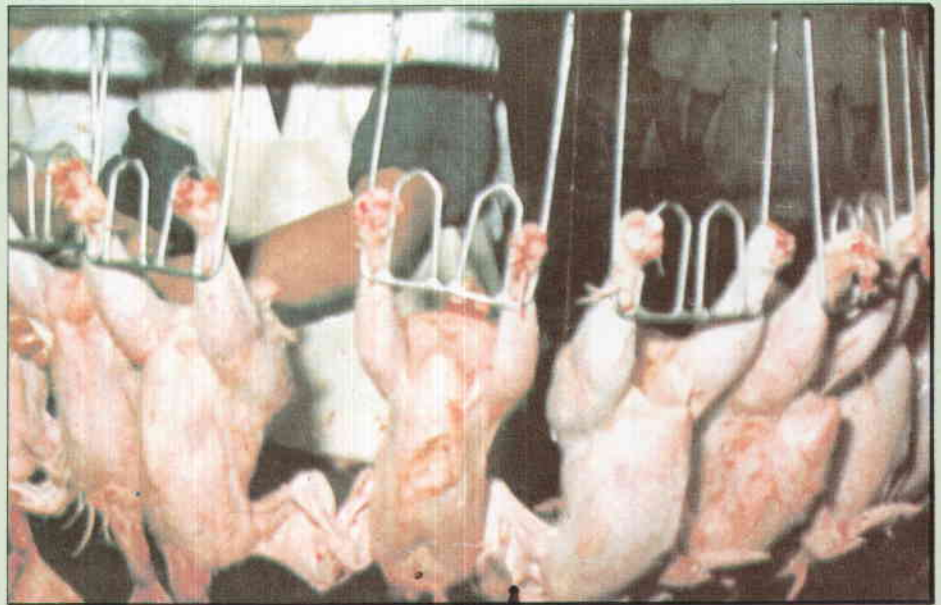


- 25 - Technical report on maize drying plants in Iraq (1983)
- 26 - Mechanical harvesting of short growing crops in Iraq 'Second stage' (1983)
- 27 - Pre-feasibility study of the project for the production of cereals, fodder, and horticultural crops at Hila diwania in Iraq (1984)
- 28 - Technical report on the mechanical harvesting of broad bean in Republic of Iraq (1984)
- 29 - Technical and Economic Feasibility Study for growing cereals crops and grazing shrubs in the marginal lands of Iraq (1984)
- 30 - Abstracts for completed Arab agricultural studies during the last 25 years (1957,28-1983) First Volume: Agricultural economics in Iraq (1984)
- 31 - Technical report on vegetables diseases under the protected agriculture (1985)
- 32 - Promotion of Agricultural Marketing in Iraq (1986)
- 33 - Improvement and Development of Industrial crops in Iraq (1988)
- 34 - The status and scope of fisheries and fish resources development in Iraq (1989)

#### **THE STATE OF QATAR**

- 1 - A study of the problem of salt accumulation on soil surface in Qatar (1975)
- 2 - Agroclimatic study of the Arab Countries (Qatar) Vol. I: Text (1976)

- Vol. II: Statistics
- 3 - Report on Topographic survey project for farms and cultivable land in Qatar (1977)
  - 4 - Development of Veterinary Quarantine services in some Arab countries, U.A.E., Bahrain, Syria, Iraq, Qatar, Kuwait and N. Yemen (1979)
  - 5 - Samra Sheep Production Farm in Qatar. (1982)
  - 6 - Technical report for the Establishment of Plant Quarantine in Qatar (1982)

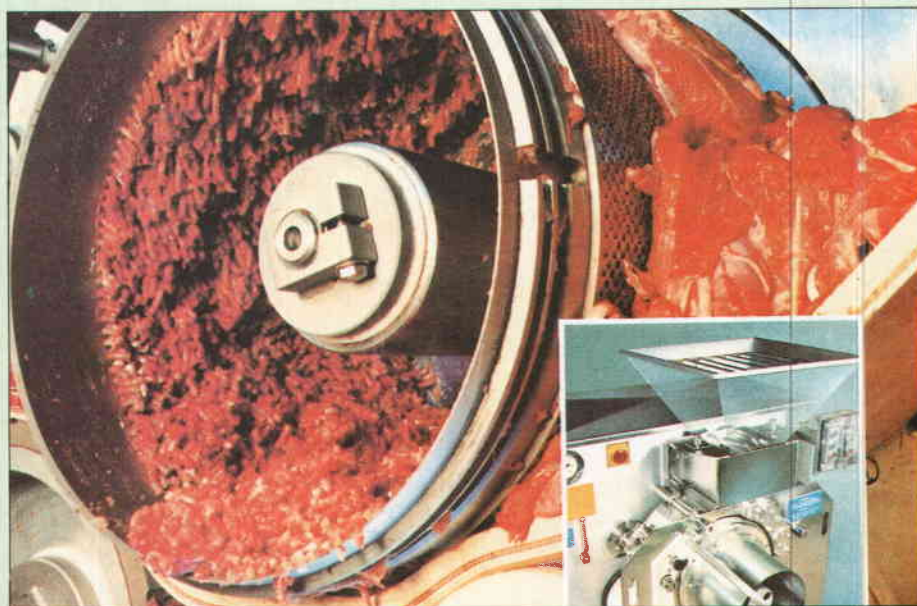


- 7 - Agricultural Policies in Arab countries (15 Volumes Vol. IX: Qatar (1982)
- 8 - Supply and Demand for Vegetable and fruit in the Arab World Phase I: Eastern Countries (11 Volumes) Vol. VIII: Qatar (1982)
- 9 - Evaluation of present status and potential development of animal feed resources in Arab Countries (Jointly with ACSAD) Qatar. (1983)
- 10 - Wild plants in the state of Qatar (1983)
- 11 - Veterinary Diagnostic Laboratory in Qatar (1983)
- 12 - Topographical survey project of farms and arable lands in Qatar (1985)
- 13 - Establishment of a tissue culture laboratory in Qatar (1985)
- 14 - Study on economic and statistical survey of agricultural sector in Qatar (second phase) (1985)
- 15 - Technical report on date palm industry in Qatar (1986)
- 16 - Topographical survey of cultivable areas project in Qatar second phase report Nov. 1984-1986 (1987)
- 17 - Date palm development project in Qatar (1990)

#### THE STATE OF KUWAIT

- 1 - Agroclimatic study of Arab Countries (Kuwait) (1977)  
2 Volumes:  
Vol. I: Text  
Vol. II: Statistics

- 2 - Development of Production and Marketing of Fish Resources in Kuwait. (1978)
- 3 - Development and Improvement of the Animal Production Sector in Kuwait. (1978)
- 4 - Development of Veterinary Quarantine services in some Arab Countries: Jordan, U.A.E., Bahrain, Syria, Iraq, Qatar, Kuwait and North Yemen (1979)
- 5 - Introduction of new varieties of Fruit and Wood Trees in Kuwait. (1980)
- 6 - Introduction of Agricultural Mechanization in Kuwait (1980)



- 7 - Development and improvement of Rangelands at the joint boundaries between Iraq, Syria, Saudi Arabia, Kuwait, Jordan, Oman and North and South Yemens and the possibility of storage systems for utilization of fodder during the dry season (Jointly with ACSAD) (1981)
- 8 - Technical and Economic Feasibility Study for Poultry Production in Kuwait (1981)
- 9 - Technical and Economic Feasibility Study for Propagation and introduction of Date Palm in Kuwait (1982)
- 10 - Agricultural Policies in Arab Countries (15 volumes) Vol. X: Kuwait (1982)
- 11 - Supply and Demand for Vegetables and Fruits in the Arab World Phase I. Eastern Countries (11 Volumes) Vol. IX: Kuwait (1982)
- 12 - Evaluation of present status and potential development of animal feed resources in Arab countries (Jointly with ACSAD): Kuwait (1983)
- 13 - Determination of the optimum size for Vegetables production holdings in Kuwait (1983)
- 14 - The optimum cropping pattern in Kuwait (1985)
- 15 - The economics of protected agriculture in Kuwait (1985)

## ARAB PEOPLES SOCIALIST JAMAHIRIYA OF LIBYA

- 1 - Agroclimatic study of Arab Countries (Libya) (1976)  
2 Volumes:  
Vol. I: Text  
Vol. II: Statistics
- 2 - Main Features of the Organization of Agricultural Investment in Libya (1976)
- 3 - Survey of Animal Diseases in Libya (1978)
- 4 - Developing and Improvement of Date Palm in Libya (1979)
- 5 - Control of Desertification in Libya and Tunisia (phase I) (1979)



- 6 - Survey of Agricultural Pests in Libya (1981)
- 7 - Agricultural Policies in Arab Countries (15 volumes)  
Vol. XI: Libya (1982)
- 8 - Survey of Rangeland Resources in Libya (1982)
- 9 - Technical and Economic Feasibility Study of existing and future of protected agriculture in Libya (1983)
- 10 - Technical and Economic Feasibility Study for cattle development projects in Libya (1983)
- 11 - Evaluation of present status and potential development of animal feed resources in Arab Countries (Jointly with ACSAD): Libya (1983)
- 12 - Technical and Economic Feasibility Study for Poultry projects in Libya (1984)
- 13 - Pre-Feasibility Study for the development of 40,000 hectares between Heisha and Taworgaa (new Heisha) in Arab Peoples' Socialist Jamahiria of Libya (1985)
- 14 - A Technical report of improvement and development of local and imported poultry breeds in Libya (1987)
- 15 - Food security in wheat and barley in Libya (1990)

## THE REPUBLIC OF EGYPT

- 1 - An Observation Trial on Drip Irrigation on Peccan Trees in Egypt (1975)



Vol. I: Text  
Vol. II: Statistics.

- 5 - Regulation and Legislation for Game Hunting in N. Yemen (1977)
- 6 - A Study on the Possibility and Establishing an Integrated Rural Development in (Liwa El Mauhaewet) in N. Yemen (1977)
- 7 - Technical and Economic Feasibility Study for Integrated Rural Development in the Regions of Kholan and Beni-Hashish in North Yemen (1977)
- 8 - Development of Veterinary Quarantine Services in Some



- Arab Countries: Jordan, U.A.E., Bahrain, Syria, Iraq, Kuwait, and North Yemen (1979)
- 9 - Development and Improvement of Rangelands at the Joint Boundaries between Iraq, Syria, Saudi Arabia, Kuwait, Jordan, Oman and North and South Yemens and the Possibility Storage Systems for Utilization Fodder during the Dry Season (Jointly with ACSAD) (1981)
- 10 - Study on Establishing a Faculty of Agriculture at Sanaa University (1981)
- 11 - Technical and Economic Feasibility Study for the Development of Coffee Production in N. Yemen (1982)
- 12 - Agricultural Policies in Arab Countries (15 Volumes) Vol. XIV North Yemen (1982)
- 13 - Supply and Demand for Fruits and Vegetables in the Arab World Phase I: Eastern Countries (11 Volumes) (Vol. I: N. Yemen) (1982)
- 14 - Establishment of Plant Quarantine services in Yemen Arab Republic (1983)
- 15 - Study on the status of agricultural mechanization in Yemen Arab Republic and the role of the Cooperative and Agricultural Credit Bank in its improvement (1983)
- 16 - Evaluation of present status and potential development of animal feed resources in Arab Countries (Jointly with ACSAD): Yemen Arab Republic (1983)
- 17 - The integrated rural development project in Hajjah

- Province, Yemen Arab Republic (Jointly with IDB) (1984)
- 18 - Proposed strategy for agricultural Cooperation in Yemen Arab Republic (1984)
- 19 - Status of agricultural marketing in Yemen A.R. and means for its improvement (1985)

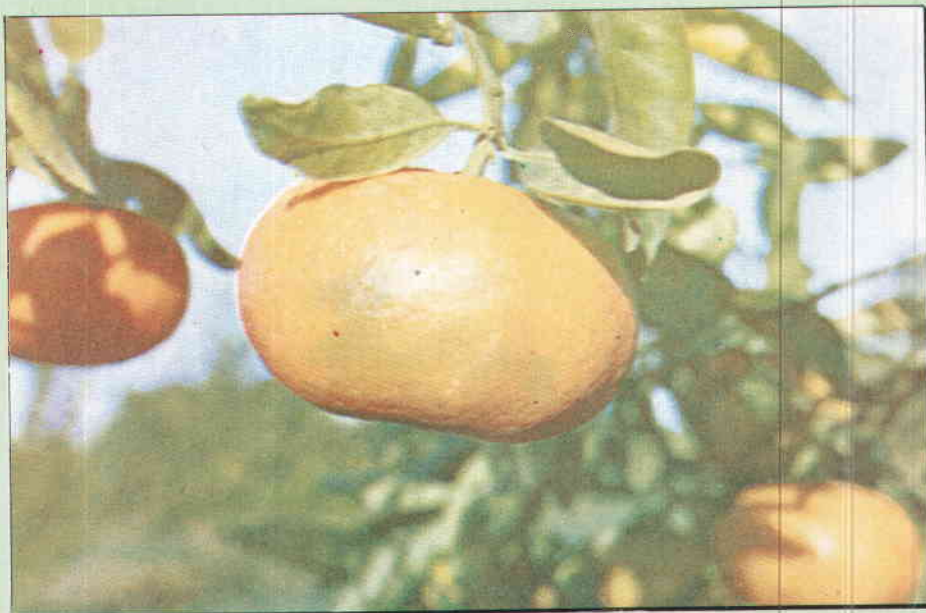
#### PEOPLES' DEMOCRATIC REPUBLIC OF YEMEN

- 1 - Agroclimatic Study in Arab Countries (S. Yemen) (1977)



- 2 Volumes:
- Vol. I: Text
- Vol. II: Statistics
- 2 - Study of establishing an Organization for Extension Service in People's Democratic Republic of Yemen (1977)
- 3 - Technical and Economic Study for the Development of Date Production in South Yemen (1977)
- 4 - Banana Diseases in South Yemen (1977)
- 5 - Technical and Economic Feasibility Study for Production of Fruits and Vegetables with special Emphasis on Potato Seed Production in South Yemen (1978)
- 6 - Technical Aspects for the Development of Coffee Production in South Yemen (1978)
- 7 - Development and Improvement of Rangelands at the joint Boundaries between Iraq, Syria, Saudi Arabia, Kuwait, Oman, and North and South Yemens and the Possibility of Storage Systems for Utilization of Fodder during the Dry Season (Jointly with ACSAD) (1981)
- 8 - Technical study for the establishment of plant Quarantine in South Yemen (1982)
- 9 - Agricultural Policies in Arab Countries (15 Volumes)  
Vol. XV: S. Yemen (1982)
- 10 - Supply and Demand for Vegetables and Fruits in the Arab World Phase I: Eastern Countries (11 Volumes)  
Vol. X: S. Yemen (1982)

- 11 - Development of Bee-Keeping and Improving Honey Production in S. Yemen (1977)
- 12 - Preliminary Study to Establish a Research Centre for Animal Production in S. Yemen (1977)
- 13 - A Report on Important problems concerning plant protection in Peoples' Democratic Republic of Yemen (1983)
- 14 - The Problem of nematodes in Y.D.R. (1983)
- 15 - A Technical report on leaf-yellowing of watermellon in the Y.D.R. (1983)



- 16 - A Technical report on agrometeorological study of Y.D.R. (1983)
- 17 - Report on the establishment of a plant quarantine services in Y.D.R. (1983)
- 18 - Evaluation of present status and potential development of animal feed quarantine resources in Arab Countries (Jointly with ACSAD) Y.D.R. (1983)
- 19 - Evaluation and improvement of dairy cattle state farms in Y.D.R. (1984)
- 20 - Technical aspects of animal feed improvement in Y.D.R. (1984)
- 21 - Study on Veterinary quarantine establishing a veterinary quarantine and slaughter house in Aden and Makla (1984)
- 22 - Report on machine- milking and milk records at state farms in Y.D.R. (1984)
- 23 - Preliminary techno-economic feasibility study for the evaluation and development of the state farms in Y.D.R. (1984)
- 24 - Technical report on the development of citrus orchards in Y.D.R. (1985)
- 25 - Development of beekeeping and honey production in Y.D.R. (1985)
- 26 - Development of animal production in Y.D.R. (1985)
- 27 - Animal diseases and slaughter acts in Y.D.R. (1985)

#### OTHER STUDIES

- 1 - Technical and Economic Feasibility Study for Poultry and Fish Development in Uganda: Jointly with Arab Bank for Economic Development in Africa, Khartoum (1979)

## Training Programs

- 2 - Programme of Agricultural projects investment: Identification and Analysis, 6 volumes (1986)
- 3 - Arabic Agricultural Dictionary (1987)

Those activities encompass specialized training courses conducted at both country and regional levels inside and outside the Arab world. Some of those programs are funded from AOAD annual general budget, while others are jointly financed with international, regional and sometimes country institutions and Organizations.



## Training Visits

AOAD Often invites senior and middle management staff of Arab agricultural sectors to undertake short training visits to centres of excellence that would provide them with opportunities to exchange views and enrich their technical experience.

## Technical Training

This is mainly associated with efforts undertaken at the Arab Institute for Forestry, and Range which regularly receives an annual enrollment of approximately 30-45 trainees. Up to the present, those who graduated from the Institute exceeded 800 representing a sizeable number of Arab countries.

## TRAINING COURSES

1. Regional Training course, on Olives Syria (1976)
2. Training course on Recording and Measuring of Dairy Cattle Productivity Iraq. (1977)
3. Regional Training Course on Intensive Poultry Production Egypt. (1978)
4. Regional Training Course on Intensive Meat Production, Sudan (1978)
5. Training Course on Evaluation and Analysing for Agricultural projects, Sudan (1980)
6. Training Course on Husbandry and Management of Dairy Cattle Iraq. (1980)
7. Training Course on Animal and poultry Funding in Somalia (1980)

8. Symposium on the Actual status of the Research Institutions Involved in Fishery Production in the Arab Region Morocco (1980)
9. Proceedings of the Seminar on Chemical Fertilizers, Development and Use in the Arab Region - Sudan, (1981)
10. Regional Training Course on Intensive Sheep production, Syria, (1981)
11. Training Course on plant Quarantine in Arab State Morocco (1981)
12. Workshop on Irrigated Agriculture in the Arab World, Sudan (1982)
13. Training Course on Identification, Preparation and



14. Appraisal of Agricultural Investment and Rural Development projects. Jordan, (1982)
15. Regional Training Course in poultry Diseases Iraq, (1982)
16. Training Course on Seed Testing and production Tunisia (1982)
17. First Training Course on Agricultural statistics, Yemen Republic (1982)
18. Second Training Course on Agricultural Statistics Somalia (1982)
19. Training Course on Investment and Development of Forestry Resources Syria, (1982)
20. Third Training Course on Agricultural Statistics, Mauritania (1982)
21. Fourth Training Course on Agricultural Statistics Yemen Democratic (1982)
22. Training Course on Dairy Cattle Management Hungary (1982)
23. Symposium on Agricultural Cooperatives and their Role in Socio-economic Development in Arab States, Syria (1982)
24. Training Course on Implementation, Monitoring and Evaluation of Agricultural projects, Sudan, (1982)
25. Training Course on Modern Slaughter-houses, Iraq, (1982)
26. Symposium on the Use of non-conventional Feedstuffs, Jordan (1982)
27. Symposium on sun Energy for Agricultural purpose Jordan (1982)
28. Proceedings of Arab Conference on Solar Energy Utilization in Agriculture Jordan, (1982)
- Arab Symposium on the Use of Non-conventional Feedstuffs in Animal Feeding Jordan (1982)

29. Training Course on Identification, Preparation and Appraisal of Agricultural Investment and Rural Development projects Jordan, (1983)
30. Training Course on Implementation, Monitoring and Evaluation of Agricultural projects, Sudan (1983)
31. National Symposium on Agricultural statistics Yemen Democratic R. (1983)
32. Regional Training Course on Sampling Agricultural Censuses, Syria (1983)



33. Regional Symposium on integrated Rural Development in Arab Countries Morocco (1983)
34. Training Course on the field of Forestry Syria (1983)
35. Training Course on Artificial Insemination for Cattle and sheeps Tunisia, (1983)
36. Training Course on Rationalization of Water Use for Agricultural purposes Jordan (1983)
37. Training Course on Husbandry and Management of Dairy Cattle, Hungary (1983)
38. Training Course on Protected Agriculture Tunisia (1983)
39. Regional Symposium on Agriculture statistics Sudan (1983)
40. Workshop on Rural Development project Management in Arab Countries, Tunisia (1983)
41. Symposium on Evluation of Indigenous Exotic Cattle Breeds and their crosses in the Arab World, Jordan (1984)
42. Arab Symposium on Integrated pest Management and Rationalization of Chemical pesticides Use in Arab Countries, Algeria (1984)
43. Symposium on Ruminant production Systems in Arab World, Saudi Arabia (1984)
44. Training course on Prevention of Epidemic and Infectious Diseases in Cows and Sheep, Morocco (1984)
45. Training course on Bee-Keeping, Hungary (1984)
46. Training course on the Husbandry and Management of Dairy Cattle Holland (1984)

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|-----|---|--------|
| 47. | Training course on poultry Management, Holland                                | (1984) |
| 48. | Training course on Mechanical Harvesting of Short-Stem Legumes, Jordan        | (1984) |
| 49. | Training course on Tissue Culture, Holland                                    | (1984) |
| 50. | Training course on the Economic aspects of Animal production Systems, Morocco | (1984) |
| 51. | Symposium on Ruminant production Systems in Arab Countries, Saudi Arabia      | (1984) |
| 52. | Training course on Agricultural planning and Investment,                      |        |



- |     |  |        |
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|     | Jordan   | (1985) |
| 53. | Training course on Soil Survey and Soil Classification and Evaluation, Syria       | (1985) |
| 54. | Training course on Meat-cut and Meat Industries, Poland                            | (1985) |
| 55. | International Conference on Animal Production in Arid Zone, Syria,                 | (1985) |
| 56. | Conference on Infectious Diseases and their Epidemiology in Ruminants Iraq,        | (1985) |
| 57. | Regional Symposium on Agricultural Extension, Yemen Arab Republic                  | (1985) |
| 58. | Symposium on Planning and Steering of Artificial Insemination projects, Morocco    | (1985) |
| 59. | Training course on Breeding of the Dairy Cattle, Holland                           | (1985) |
| 60. | Training course Freshwater Fish Culture, Hungary,                                  | (1985) |
| 61. | Symposium on the Conservation of Salty Alkaline soils in Arab Countries, Iraq      | (1985) |
| 62. | The First Arab Scientific Conference on Horticulture, Jordan                       | (1986) |
| 63. | Regional Symposium on Agricultural Financing and Credit in Arab Countries, Jordan, | (1986) |
| 64. | Training course on Planning and Management of Agricultural sector Jordan,          | (1986) |
| 65. | Training course on Husbandry and Breeding of poultry, Holland                      | (1986) |
| 66. | Training course on Operation and Maintenance of Farm                               |        |

- Machinery, Yemen A. R. (1986)
67. Symposium on Agricultural Cooperation and Integration in Arab Countries Jordan (1986)
68. First Arab Conference on Animal and poultry production, Morocco (1987)
69. Symposium on Marketing of food and Agricultural products, Jordan (1987)
70. Symposium on production of Viral and Bacterial Disease-Free Fruit Seedlings, Jordan (1987)



71. Training course on Cow Breeding and Husbandry, Holland (1987)
72. Training course on plant Viral Diseases, Jordan (1987)
73. Training course on forestry Conservation and Forest Fire Control Syria (1987)
74. First Training course on propagation and Care of Gum Arabic Tree. Sudan (1987)
75. Training course on preparation of Agricultural projects, Morocco (1987)
76. Training course on Management, of Implementation, Monitoring and Evaluation of Agricultural projects Tunisia (1987)
77. Senior Policy seminar on Agricultural Adjustment in Arab States. Kuwait (1988)
78. Structural Adjustment Seminar on Agricultural policies Syria (1988)
79. Training course on Implementation and Evaluation of Agricultural Development project, Morocco (1988)
80. Training course on Management, Execution and Evaluation of Agricultural Development project, Tunisia (1988)
81. Symposium on propagation and care of Date Palm Tree . United A. Emirates. (1988)
82. Symposium on the Breeding of the Arabian Horse, Algeria, (1988)
83. Training course on Management of Farm Machinery and Agricultural Implements, Iraq, (1988)
84. Training course on Recent Training in Raising the Nutritive of Feedstuffs in Animal Nutrition, Syria (1988)



## Implementation of Agricultural Project

- |      |  |        |
|------|--|--------|
| 85.  | Training course on Designing and Evaluation of Irrigation Systems, U.A. Emirates   | (1988) |
| 86.  | Training course on Tissue Culture for production of Disease - Free Date palm Offshoots and Identification of date palm Disease and its prevention, Morocco | (1988) |
| 87.  | Second Training course on propagation and care of Gum Arabic Tree Sudan,   | (1988) |
| 88.  | Third Training course on Propagation and care of Gum Arabic Tree. Mauritania   | (1988) |
| 89.  | Fourth Training course on Propagation and care of Gum Arabic Mauritania  | (1988) |
| 90.  | Training course on Desert Locusts in Arab Countries Sudan.   | (1989) |
| 91.  | Training course on post harvest for Horticulture, Egypt  | (1989) |
| 92.  | Workshop on Rural credit Morocco   | (1989) |
| 93.  | Symposium on Agricultural prices policies, Sudan   | (1989) |
| 94.  | Training course on propagation of Fruit and Grape Seedlings Algeria  | (1989) |
| 95.  | Training course on the Modern Methods for Bee-Keeping, Syria   | (1989) |
| 96.  | Symposium on Camel Breeding and Diseases, Algeria  | (1990) |
| 97.  | National Symposium on Agricultural policies, Syria   | (1990) |
| 98.  | Training course on poultry Diseases, Jordan  | (1990) |
| 99.  | Coordinating Symposium of the Directors of the Arab Agricultural Documentation and Information, Centres Sudan  | (1990) |
| 100. | First Training course on Agricultural census and statistics for Middle cadre Technicians, Sudan  | (1990) |
| 101. | Second Training course on Agricultural Census and statistics for Middle Technicians Sudan  | (1990) |
| 102. | Training course on Agricultural census Techniques for Supervisors and Enumerators, Sudan   | (1990) |

To enhance the transfer and application of modern agricultural technologies. AOAD carries out some pilot agricultural projects particularly in Arab countries in lesser scale of agricultural development. The majority of these projects is financed, monitored and by the Organization staff drawn heavily from Arab Countries.

List of projects and their locations includes :

- Vegetable, fruit and wood trees nurseries, Yemen
- Potato seeds production and seeds propagation, Yemen
- Establishment of modern bee hives, Yemen and Djibouti
- Establishment of a botanical garden, Bahrain
- Establishment of animal feed mill, Morocco
- Establishment of an Agric. Statistics Dept., Mauritania.
- Agricultural intensification and utilization of fallow, Syria
- Samid dairy project, in collaboration with State of Palestine.
- Vegetable production improvement, Djibouti
- Horticultural crops improvement project, Sudan.
- Supporting fodder production unit, Somalia
- Improvement of potato cultivation and production. Somalia
- Breeding of small farm animals, Algeria.

In addition to these efforts, AOAD supervises the execution of some developmental projects at both country and semi-regional levels. These projects are fully or partially financed by international, regional and national

## Technical Assistance

## AOAD Information and Documentation Systems

development institutions. Examples of some of these projects include:

- Topographic survey of farms and cultivable land in Qatar.
- Oil seed production development in Sudan, Somalia and Yemen (North and South). A project fully financed by UNDP.
- Rehabilitation of Statistical Information System in Sudan. A project financed mainly by AFESD and partially by AOAD, with FAO providing technical support.
- Strengthening National Research Centres in Arab region. A project jointly financed by UNDP, ISNAR and AOAD.

The Organization provides immediate technical aid to deal with emergency situations as in case of spread of epidemics, natural disasters etc., that may hamper the process of regional agricultural development. To fulfill These objectives, the Organization has initiated its technical assistance programme which is composed of two major components

### 1. Immediate technical assistance:

This type of technical assistance is rendered in response to urgent request by member states to avert the detrimental impact of unforeseen circumstances. Technical assistance is provided in the form of technical expertise, and supply of relief materials such as medicines, vaccines etc..

### 2. Ordinary technical assistance:

It is rendered on direct request by member states. It comes in the form of production inputs, short-term technical expertise and financing country missions to get acquainted with recent innovations in agricultural development.

Usually AOAD receives many requests for technical assistance. However, priority is always given to Arab member states that are in dire need and face serious problems in the path of their agricultural development.

The decade of 1980 heralded AOAD efforts to emphasise the role of information and documentation in the process of agricultural development. As a result, the Arab Centre for Agricultural Documentation and Information (ACADI) was established in 1983. In its endeavour to collect information and documents, the Centre has managed to set up a wide-ranging network of cooperation with international, regional and national institutions.

The library currently contains 40000 publications, 7000 documents on microfiche, and receives about 1000 periodicals annually. The average annual number of acquisitions is about 3000 documentary items. The Centre stores information electronically on hard discs, tapes and floppy discs. The informations stored on hard discs and tapes comprise about 500 million letters including bibliographical and other details. The amount of information stored on floppy discs is about 1000 million letters of bibliographical details. The main elements of the non-bibliographic data-base, include a list of Arab agricultural expertise, the Arab agricultural dictionary in three languages and administrative details about AOAD.

The present bibliographic data-base contains not only information on the publication and micro-fiche items in the library, but also Arab and international academic research on agriculture stored in international information systems in the field of agricultural technology since 1975. In addition, the bibliographic base contains data on Arab periodicals, agricultural extension in the Arab world, and FAO publications. About 2 million references are now stored in the Centre's data-base.

The Centre provides services to a wide range of institutions and individuals

## Cooperation with Arab, Regional and International Organizations

including planners, decision makers, and researchers. The number of those using the service exceeds 2000 per year.

Since its establishment, the Organization has worked towards strengthening relations with specialized organizations and agencies at the regional and international levels. Planned programs have been initiated to conduct joint studies, seminars and allow for the exchange of technical expertise and scientific documents.

### List of collaborative Arab Organizations includes:

- 1 - League of Arab States (LAS) Cairo
- 2 - Council of Arab Economic Unity (CAEU) Cairo
- 3 - Arab Fund for Economic and Social Development (AFESD) Kuwait
- 4 - Arab Bank for Economic Development in Africa (BADEA) Sudan
- 5 - Arab Centre for Study of Arid Zones and Dry Lands (ACSAD) Syria
- 6 - Arab Authority for Agricultural Investment and Development (AAAID) Sudan
- 7 - Arab Company for Development of Animal Resources (ACDAR) Syria
- 8 - Arab Fisheries Company (AFC) Jeddah
- 9 - Arab Investment Company (AIC) Riyadh
- 10 - Inter-Arab Investment Guarantee Corporation (IAIGC) Kuwait
- 11 - Arab Industrial Development and Mining Organization (AIDMO)
- 12 - Arab Labour Organization (ALO) Cairo
- 13 - Arab League Educational, Cultural and Scientific Organization (ALECSO) Tunisia
- 14 - Arab Organization for Standardization and Meteorology (ASMO) Amman
- 15 - Arab Organization for Administrative Sciences (AOAS) Amman
- 16 - Arab Institute for Economic and Social Planning (ALESP) Kuwait
- 17 - Arab Institute for Training and Statistical Research (AITSR)
- 18 - Federation of Chambers of Commerce, Industry and Agriculture for Arab Countries CHUCHA - Lebanon
- 19 - Federation of Arab Scientific Research Councils, (FASRC) Baghdad
- 20 - Arab Federation for Food Industries (AFFI)
- 21 - Arab Union for Paper Industries and Printing (AUIPI)
- 22 - Arab Federation for Chemical Fertilizer Producers (AFCFP) Kuwait
- 23 - Arab Federation for Fish Producers
- 24 - Arab Federation for Engineering Industries
- 25 - Arab Federation for Cooperation
- 26 - Gulf Cooperation Council (GCC) Riyadh
- 27 - Arab Cooperation Council (ACC) Amman

- 28 - Maghrib Arab Union (MAU) Morocco
- 29 - Organization of Arab Petroleum Exporting Countries (OAPEC) Kuwait

**As for international and regional collaborative institutions, the list includes:**

- 1 - Food and Agriculture Organization of the United Nations - FAO- Rome
- 2 - Economic Development Institute - (EDI) World Bank (Washington)
- 3 - United Nations Development Programme (UNDP)-New York.
- 4 - International Fund for Agricultural Development (IFAD) Rome
- 5 - Islamic Development Bank (IDB) Jeddah
- 6 - Consultative Group on International Agricultural Research (CGIAR) Washington.
  - a. International Maize and Wheat Improvement Center (CIMMYT) Mexico
  - b. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) India
  - c. International Rice Research Institute (IRRI) Philippines
  - d. International Center for Agricultural Research in the Dry Areas (ICARDA) Syria
  - e. International Livestock Centre for Africa (ILCA) Ethiopia
- 7 - International Service for National Agricultural Research (ISNAR) Netherlands.
- 8 - International Irrigation Management Institute (IIMI) Sirelanka
- 9 - Economic and Social Commision for western Asia (ESCWA) Iraq
- 10 - United Nations Conference on Trade and Development (UNCTAD) Geneva
- 11 - International Trade Centre (ITC) Geneva
- 12 - International Food Policy Research Institute (IFPRI) Washington
- 13 - The French Group of Companies of the Regional Administration for Studies and Execution
- 14 - International Development Research Centre (IDRC) Canada
- 15 - International Centre for Advance Mediteranean Agronomic Studies (ICAMAS), Paris
- 16 - United Nations Environment Programme (UNEP) Nairobi
- 17 - Economic Commision for Africa (ECA) Addis Ababa
- 18 - African Development Bank (ADB) Abidjan
- 19 - Technical and Scientific Research Commission for Organization of African nity (TSRCOAU) Lagos
- 20 - Near-East- North Africa Regional Agricultural Credit Association (NENARACA) Amman
- 21 - Centre for Statistical Research and Studies in Organization for Islamic Conference. (CSRSOICS) Ankara
- 22 - Regional Centre for Poultry (RCP) - Amman

**AOAD also enjoys fruitful working relationships with a number of country institutions that include:**

- 1 - Emprical Research Centres in Agriculture and Economics
- 2 - Colleges and Institutes of Agriculture, Veterinary,

Regular  
Publications of  
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How to obtain  
AOAD Publications

- 3 - Economics, Commerce and Business Administration
- 4 - National Planning Institutes
- 4 - Academy for Scientific Research
- 5 - Central Bureau of Statistic and Planning
- 6 - Arab Monetary Funds
- 7 - Agricultural Information and Documentation Centres

### **Agricultural Statistics Yearbook:**

This has been published annually since 1981. It includes data on agricultural resources on a country-to-country basis, crop, livestock, fishery and poultry production in addition to data on foreign trade and total balance of trade, agricultural balance of trade and the food gap. These data are mostly obtained from official sources in Arab states and in some cases estimations made by AOAD or other international organizations are quoted.

### **Annual Report on Agricultural and Food situation:**

AOAD has been publishing this report since 1988. It reflects developments in production, foreign trade, consumption and agricultural investment in addition to pinpointing the obstacles which hinder agricultural development in the Arab region. Efforts to overcome these obstacles at both country and regional level are also dealt with, including programmes and projects and an analysis of agricultural policies.

### **Agriculture and Development Journal:**

This was first published by AOAD as a quarterly journal in 1982. It is concerned with agricultural development in the Arab region and examines the problems involved. It also highlights the activities of AOAD in all fields, in addition to publishing applied research on development. The journal appears in Arabic with an average of 82 pages in full colour. Three thousand copies are printed and it is distributed free in all Arab countries at all levels of Agricultural institutions.

### **Firstly: Official distribution**

- 1 - Regional and country level studies, proceedings of workshops, conferences and training courses, Agriculture & Development Journal are freely distributed to governments of Arab states and Arab agricultural research and educational institutions listed by AOAD. There is a fixed quota for each Arab country.
- 2 - Studies carried out under contract, reports on technical missions are distributed to the beneficiary Arab governments and the contracting and participating parties in the study. A specified number of copies is supplied according to the requirements of these parties.

### **Secondly: by purchase**

Any Arab or other body has the option to purchase the Organization's publications as follows:

- 1 - Main regular publications which include:  
regional studies, proceedings of national workshops conferences and training courses. The price of each printed volume including postage is 25 U.S Dollars or its equivalent in a local Arab currency.

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The price of one microfiche is 5 U.S Dollars or its equivalent in a local Arab currency.

- 2 - Occasional publications which include:  
studies under contract, reports on technical missions, proceedings of international, regional and national conferences.  
These publications may be ordered in the form of microfiches alone at the same rates quoted before.

### **Agricultural & Development Journal (quarterly)**

Annual subscription rate is 20 U.S Dollars. The price of a microfiche is the same as quoted before.

#### **Note:**

These prices represent the actual cost of producing these publications. Return from sales cover only a negligible part of the Organization's expenditure on these items.

#### **Thirdly: Ordering:**

The Organization's publications may be ordered at the prices shown above from the following address:

The Arab Centre for Agricultural Documentation and Information (ACADI)  
Arab Organization for Agricultural Development  
P.O. Box 474 Khartoum, Sudan  
Telex: 22554 AOAD SD

Arab Organization for Agricultural Development  
P.O. Box 474 New Extension, Khartoum  
Cable: Motazeen Khartoum  
Telex: 22554 AOAD SD  
Telephones: 40480, 40430, 43389, 41248, 41247, 40478

#### **1 - Hashemite Kingdom of Jordan Office**

Address: Regional Office, AOAD  
Amman, Al Chemisani, P.O. Box 19082  
Cable: Motazeen Amman  
Telex: 22032 Motazeen JO  
Telephone: 665453, 665454

#### **2 - Republic of Iraq Office**

Address: Regional Office, AOAD  
Baghdad - El Wazireya, Station 305/3, Building No. 8  
P.O. Box 6235 Al - Mansour  
Cable: Motazeen Baghdad  
Telex: 213180 Motazeen IK  
Telephone: 4220078, 4251356

#### **3 - Republic of Yemen Office**

Address: Regional Office, AOAD  
Agriculture Office at Sanaa Province, 2nd storey 822

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Cable: Motazeen Sanaa  
Telex: 2615 Motazeen YE  
Telephone: 224887

**4 - Arab Republic of Syria Office**

Address: Regional Office, AOAD  
Damascus, Salihia Gate Tibi Owslo Building, 3rd storey  
P.O. Box 7611  
Cable: Motazeen Damascus  
Telex: 411952 Motazeen SY  
Telephone: 336245

**5 - Libyan Arab Greater Socialist Peoples' Jamahiria Office**

Address: Regional Office, AOAD  
Tripoli - Zohra P.O. Box 12898  
Cable: Motazeen Tripoli  
Telex: 20021 Motazeen LY  
Telephone: 603625

**6 - Kingdom of Morocco Office**

Address: Regional Office, AOAD  
Rabat 17 Zangat Tiedass  
Cable: Motazeen Rabat  
Telex: 36990 Motazeen M  
Telephone: 674.76, 604.06

**7 - The People Democratic Republic of Algeria Office**

Address: Regional Office, AOAD  
Algeria, C/O IVV Cinqmaisons - El Harrach  
Cable: OADA Algeria  
Telex: 64245 OADA DZ  
Telephone: 766461/62, 16.64.71

**8 - Islamic Republic of Mauritania Office**

Address: Regional Office, AOAD  
Nouakchott, P.O. Box 1268  
Cable: AOAD Noukchott  
Telex: AOAD 5712 OADA MTN  
Telephone: 51686, 51738

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Director, Foreign Relations, Office of H.E. Minister of Agric. & Water, Riyadh,  
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Telephone 4016666

2 - Mr. Ahmed Khalifa Zayed  
Director, Foreign Relations, Ministry of Agriculture and Fisheries, United  
Arab Emirates, Dubai  
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