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INTERNATIONAL DIRECTORY

OF

NATIONAL EXTENSION SYSTEMS

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Burton E. Swanson

Jaffar Rassi

Bureau of Educational Research
University of Illinois at Urbana-Champaign
February, 1981

TO ORDER THE INTERNATIONAL DIRECTORY

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INTERNATIONAL EXTENSION DIRECTORY
Bureau of Educational Research
University of Illinois at Urbana-Champaign
1310 South Sixth St.
Champaign, IL 61820, U.S.A.

This publication has developed from an activity of the University of Illinois Strengthening Grant Program which is supported by funds from the United States Agency for International Development and the University of Illinois. The principal purpose of the Strengthening Grant Program is to increase the capability of the University of Illinois to work effectively on problems of agriculture, food, nutrition, and rural development in less developed countries. The contents of this report, however, are solely attributable to the authors and do not necessarily represent the views of the University of Illinois, or the United States Agency for International Development or any individual acting in behalf of the United States Agency for International Development.

PREFACE

In 1975 the first International Directory of Agricultural Extension Organizations and Extension Training Institutions was compiled. Because of a continuing number of requests for this publication (which was out of print by 1976) and a need to bring this information up-to-date, a decision was made to repeat the study in 1980.

The objectives pursued in this second study were to again facilitate exchange between national extension programs, and second, to provide longitudinal data from which to analyze changes that have occurred in participating organizations over the past five years.

The first objective is partially fulfilled with the publication and distribution of this directory to all participating national extension organizations. The second objective will be pursued by the authors over the next 18 months.

In the 1980 study the focus of the inquiry was broadened beyond agricultural extension to include such areas as rural youth, home economics, nutrition and family planning programs. This decision to broaden the study created a number of definitional problems which influenced the type of extension institutions selected for inclusion in the study. Since these definitional and procedural decisions directly affected the number and type of extension institutions surveyed, we feel it is essential for us to share these selection criteria with the reader.

National extension systems are viewed in this study as a part of a nation's nonformal education system. Generally these extension systems are (1) organized to serve the needs of people in rural areas, (2) tend to give strong substantive emphasis to agriculture, food and nutrition related problems, and (3) focus on rural families as the primary clientele for these educational services. The primary functions of extension, therefore, are to provide a two-way educational linkage between (rural) families and sources of knowledge and technology, and/or to help link these clients with other institutional resources and services that are available to improve the quality of life of rural families.

The way extension systems are organized in any particular country or cultural context provides many variations, or even exceptions, to this general definition or perspective on extension. In some cases the primary client is the farmer, with the implication being that increased productivity will have a positive impact on family nutrition and income. Other national systems do not have a clear division of labor between research, extension, service, and regulatory work. In fact some nations organize these activities on a commodity rather than a functional basis. Therefore in this latter case, it is impossible to differentiate between roles or to determine how much time, numbers of personnel, and other resources are allocated to the extension function.

These differences and variations are reflected to some extent through each of the respective country sections. Therefore, data on personnel

numbers and assignments have been reported in the directory as received from each national extension organization. Basically the criteria used to determine if a national system was to be included in the directory was whether or not extension was a primary function of the institution. In cases where an organization conducts extension work, but this responsibility is not central to its overall purpose, the name of the institution is included, but it was not surveyed. Obviously making these determinations was not a precise task and mistakes were undoubtedly made in both directions. Our apologies to those institutions that were inadvertently left out by the wrong decision on our part.

Data collection for this project was initiated on July 1, 1980 and continued through January, 1981. The Survey instruments and other research materials were translated into French and Spanish, in addition to the original materials which were prepared in English. Three follow-up mailings were sent -- the first two follow-up letters were sent 2 months and 3 months, respectively, after the original mailing. A final follow-up letter, with a second questionnaire, was sent approximately 4 months after the original mailing. In cases where additional extension organizations were identified, they were also sent the survey materials following the same procedures if they met our criteria for inclusion in the study. Based on correspondence received from a number of extension institutions, considerable problems were encountered with the original mailing and an unusually large number of questionnaires were never received.

In cases where responses were not received from countries which were included in the 1975 survey, appropriate data on these institutions have been brought forward and included in this directory. In the few cases where 1975 data are used, these cases are marked with an asterisk and footnoted accordingly. Our objective in including these cases was to provide the most complete and comprehensive description of national extension systems worldwide.

In carefully reviewing the data included in this directory, one cannot help but be impressed at the significant investment being made in extension programs worldwide. At the same time it is important to note the significant differences between countries in terms of the level of resources being allocated to this type of nonformal education program. Some of these observations will be pursued in the future by the authors based on these and other data that have been collected. A copy of the two-part survey instrument is included as an appendix for those readers who are interested in the type of data available for the forthcoming analysis. In particular, attention will be given to identifying the more important problems limiting national extension systems in Third World countries, as well as exploring the quantitative and qualitative issues that relate to extension personnel and extension training in less developed countries. It is expected that findings from this subsequent analysis will be shared with each participating national extension system.

ACKNOWLEDGMENTS

Many people contributed to the success of this second International Directory of National Extension Systems. First, we would like to thank the many individuals in the participating national extension institutions who took the time to provide us with accurate information for the directory. We appreciate their willingness to share this information with their extension colleagues around the world.

An advisory committee was established to provide conceptual input into the project at the design stage. We are indebted to Robert Bentz, James Evans, Frederick Fliegel, Violet Malone, John Santas and Ray Woodis for helping us to develop a comprehensive survey instrument that would provide important information for the directory and the subsequent analysis. Dr. Peter Oram of the International Food Policy Research Institute also made important substantive input into the design phase of the project.

Financial support for this project was provided by the Bureau of Educational Research, the College of Education, USAID Title XII Strengthening Grant funds and the Office of International Agriculture. In particular, we would like to thank William N. Thompson and Earl D. Kellogg for their support of this project.

Finally we want to thank the skilled members of the research team who helped compile the information included in this directory. First, Vickie Sigman and Tim Koehnen served as research assistants for the project and helped carry out the data collection process. Joan Neef carefully and cheerfully typed the many labels, questionnaires and letters involved in data collection. Judy McClughen accurately typed the country summaries included in the directory and Carma Diel provided the administrative support to keep the process moving smoothly. The cover design was created by Julia Taugner of Vocational Agriculture Service. We thank each of them for their help and assistance.

Burton E. Swanson
Jaffar Rassi
Champaign, Illinois
February 2, 1981

ADDENDUM

Data from five countries were received after the format for the directory had been set, but in time to be included in the directory. The information for four of these countries is included in the back of the directory on the following pages:

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New information was received from the Syrian Arab Republic the day the directory went to press, but in this case we were able to substitute the data on page 216, so the 1980 data are reported. However, these new personnel data from Syria were not included in Appendix A: Summary of Extension Personnel Data.

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Appendix A: Summary of Extension Personnel Data

Appendix B: Survey Questionnaire (English)

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1980

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AMERICAN SAMOA

Name and mailing address
of the national extension
organization

Extension Division
Department of Agriculture
Pago Pago, American Samoa 96799

Title of the officer to whom
inquiries should be addressed

Chief Extension Officer

Extension organization was first organized in 1962

Financial support comes from the Ministry of Agriculture

Program Objectives: To promote agriculture including both crop and livestock production with the objective to eventually achieve self-sufficiency.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		2		2
Agricultural Extension Agents/Assistants		4		4
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	4		4
	Livestock Programs	4		4
Totals:		14		14

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	2	8	4		14
Totals	2	8	4		14

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>Diploma of Trop. Agr.</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Diploma of Trop. Agr.</u>
Extension officer, agent or instructor	<u>13</u> years	<u>High School Diploma</u>

ANTIGUA

Name and mailing address
of the national extension
organization

Agricultural Extension Office
Kentish Road, Antigua W.I.

Title of the officer to whom
inquiries should be addressed

Extension Officer

Extension organization was first organized in 1954

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To improve the life of small farmers by providing up-to-date information on farming.
2. To assist the farmer in finding solution to his problems.

Client Groups Served: Smaller farmers

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		5		5
Agricultural Extension Agents/Assistants		19	1	20
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	3		3
Totals:		27	1	28

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	3			5
District level	3				3
Subdistrict, County or Block level			11		11
Village or Community level				9	9
Totals	5	3	11	9	28

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc.</u>
Technical or Subject Matter Specialist	<u>12</u> years	<u>General Certificate of Ed.</u>
Extension officer, agent or instructor	<u>12</u> years	<u>General Certificate of Ed.</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Post Primary Certificate</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Small Farmers Council</u>
Village or Community	<u>Settlement Committees</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Report	English

ARGENTINA

Name and mailing address
of the national extension
organization

Instituto Nacional de Tecnología
Agropecuaria (I.N.T.A.)
Rivadavia - 1439 - Capital Federal
Buenos Aires, Argentina

Title of the officer to whom
inquiries should be addressed

Dirección Nacional Asistente de Extensión y
Fomento

Extension organization was first organized in 1957

Financial support comes from the Ministerio de Agricultura

Program Objectives: Promover el mejoramiento de la producción agropecuaria
tendiendo a elevar el nivel de vida de la familia rural.

Client Groups Served: Agricultores comerciales medianos y grandes, pequeños
agricultores de subsistencia, agricultores - adultos jóvenes, programas
para la juventud rural, programas de economía doméstica y programas de
nutrición.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	45	7	52
Agricultural Extension Agents/Assistants	290		290
Rural Youth Extension Agents/Assistants	53		53
Home Economics Extension Agents/Assistants		91	91
Extension Specialists	59	10	69
Totals:	447	108	555

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	7	18			25
District level	20	51			71
Subdistrict, County or Block level	25		378	56	459
Totals	52	69	378	56	555

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ing. Agr. ó Méd. Veterinario</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Ing. Agr. ó Méd. Veterinario</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Ing. Agr. ó Méd. Veterinario</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Agrónomo ó Similar</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Consejo Directivo</u>
District or County	<u>Consejo Asesor de Estacion Experimental</u>
Village or Community	<u>Consejo Asesor de Agencia</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Programas Regionales de Extension	Español

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: Servicio de Extension Provincial AACREA

AUSTRALIA -- New South Wales

Name and mailing address
of the national extension
organization

Division of Extension Services
Department of Agriculture
P.O. Box K220
Haymarket, N.S.W. 2000
Australia

Title of the officer to whom
inquiries should be addressed

Chief, Division of Extension Service

Extension organization was first organized in 1890

Financial support comes from the Ministry of Agriculture

Program Objectives: To provide an educational service designed to enhance rural productivity, efficiency, and living. This includes advice on technical and economic aspects of resources, use and education, to assist in improved decision making, having regard to technical, economic and marketing factors.

Client Groups Served: Larger commercial farmers, women farmers, young (adult) farmers, and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		43	1	44
Agricultural Extension Agents/Assistants		174	1	175
Rural Youth Extension Agents/Assistants		19	1	20
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	32		32
	Livestock Programs	24		24
Totals:		292	3	295

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
State Level	28	44	4		76
District level	16	12	191		219
Totals	44	56	195		295

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc. (Agric.)</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>B.Sc. (Agric.)</u>
Extension officer, agent or instructor	<u>15</u> years	<u>B.Sc. (Agric.)</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Extension Services in Australia	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

The Soil Conservation Service undertakes separate extension work.

AUSTRALIA -- Queensland

Name and mailing address
of the national extension
organization

Director General
Queensland Department of Primary Industries
P.O. Box 46
Brisbane 4001
Australia

Title of the officer to whom
inquiries should be addressed

Executive Officer, Extension Services Section

Extension organization was first organized in 1897 as part of other duties.

Financial support comes from the state Ministry of Agriculture, plus federal gov-
ernment and primary industry funds

Program Objectives:

1. To provide a continual supply of quality foodstuffs, fibres, etc., to satisfy domestic requirements
2. To provide a source of economical export earnings.
3. To maintain their technical advantage over primary producers in other countries.
5. To improve the efficiency with which agricultural industries, in Queensland, use their resources.

Client Groups Served: Larger commercial farmers, smaller and part-time farmers, women farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		24		24
Extension Specialists, Officers and/or Agents Who Specialize In:	Food and Export Crop Programs	79	1	80
	Livestock Programs	122	2	124
	Soil Conservation	80		80
Agricultural Information Unit		16	16	32
Economists		13	2	15
Trainers and Evaluators		5	1	6
Totals:		339	22	361

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
State Level	14	35			49
Regional level	12	18			30
Local level		78	204		282
Totals	26	131	204		361

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc. degree</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>B.Sc. degree</u>
Extension officer, agent or instructor	<u>14-15</u> years	<u>B.Sc. degree or Ag. College Diploma</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

State level	<u>Queensland Council of Agriculture</u>
District or County	<u>i. Dairy Extension Advisory Committees</u> <u>ii. Other Ad Hoc Industry Committees generated by local staff.</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Rural Youth Organization of Queensland
527 Upper Wickham Terrace
Brisbane
2. Bureau of Sugar Experiment Stations
50 Meiers Road
Indooroopilly, Brisbane

AUSTRALIA Queensland -- Rural Youth

Name and mailing address
of the national extension
organization

Rural Community Youth Extension Service
Department of Education
P.O. Box 151
North Brisbane
Queensland 4000 AUSTRALIA

Title of the officer to whom
inquiries should be addressed

State Supervisor

Extension organization was first organized in 1946

Financial support comes from Ministry of Agriculture

Program Objectives: To facilitate a broad based extension education program
for young people in rural areas.

Client Groups Served: Large commercial farmers, smaller subsistence farmers,
women farmers, young (adult) farmers, rural youth programs, home eco-
nomics programs, nutrition programs, family planning/child development
programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2	4	6
Agricultural Extension Agents/Assistants	9	1	10
Rural Youth Extension Agents/Assistants	2	2	4
Totals:	13	7	20

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	6	4			10
Subdistrict, County or Block level			10		10
Totals	6	4	10		20

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>
Administrative or Supervisory officer	<u>15</u> years
Technical or Subject Matter Specialist	<u>15</u> years
Extension officer, agent or instructor	<u>12</u> years

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State _____ State Advisory Council _____

Village or Community _____ Advisors _____

Written material describing current extension programs:

Title of the publication(s):	language(s)
News letters	English
Course brochures	English
Rural youth material	English

AUSTRALIA -- South Australia

Name and mailing address
of the national extension
organization

Extension and Information Branch
Department of Agriculture
G.P.O. Box 1671
Adelaide 5001
South Australia, Australia

Title of the officer to whom
inquiries should be addressed

Chief Extension Officer

Extension organization was first organized in 1907

Financial support comes from the State Ministry of Agriculture and Federal Government -- primary industry funds.

Program Objectives: To provide an advisory service to the agricultural industries, home gardeners and part-time farmers. The advice given covers technical, economic and social aspects associated with changing conditions in each industry and farm.

Client Groups Served: Large and small commercial farmers, women farmers and rural youth. Also programs for home economics, nutrition, family planning, child development and rural safety programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		20		20
Agricultural Extension Agents/Assistants		122		122
Rural Youth Extension Agents/Assistants			1	1
Home Economics Extension Agents/Assistants			1	1
Extension Specialists, Officers and/or Agents Who Specialize in:	Food Crop Programs	25		25
	Export/Cash Crop Programs	8		8
	Livestock Programs	15		15
Agricultural Information Unit		11	6	17
Land Use and Soils		21		21
Economics and Marketing		15	1	16
Totals:		237	9	246

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	12	104			116
District level	8	10	74	38	130
Totals	20	114	74	38	246

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>A relevant degree or graduate diploma</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>A relevant degree or graduate diploma</u>
Extension officer, agent or instructor	<u>15</u> years	<u>A relevant diploma</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Leaving certificate (secondary school)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Commonwealth Council for Rural Research & Extension</u>
Provincial or State	<u>Advisory Board of Agriculture in South Australia</u>
District or County	<u>Agricultural Bureau</u>
Village or Community	<u>Womens Agricultural Bureau; Rural Youth</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Extension Services in Australia	English

AUSTRALIA -- Tasmania

Name and mailing address
of the state extension
organization

Department of Agriculture
Box 192B. G.P.O.
Hobart, Tasmania 7001
Australia

Title of the officer to whom
inquiries should be addressed

Chief Extension Officer

Extension organization was first organized in 1928

Financial support comes from the Ministry of Agriculture

Program Objectives: To promote efficiency in primary production recognising the need to: (1) maintain soil and land as a continuing resource, (2) prevent malicious desecration of the environment, (3) provide reliable source of quality food and fibre, (4) achieve an acceptable life style for farmers, family and employees, and (5) assist farmers, industry groups and rural community adjust to change.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, hobby farmers, and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	5		5
Agricultural Extension Agents/Assistants	41	1	42
Totals:	46	1	47

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	5				5
District level		2	39	1	42
Totals	5	2	39	1	47

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>Degree or Diploma in Ag. Science</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Degree or Diploma in Ag. Science</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Degree or Diploma in Ag. Science</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>High School Certificate</u>

AUSTRALIA -- Victoria

Name and mailing address of the national extension organization

Department of Agriculture, Victoria
G.P.O. Box 4041
Melbourne, Victoria
Australia, 3001

Title of the officer to whom inquiries should be addressed

Assistant Director - General (Extension)

Extension organization was first organized in 1900 (approximately)

Financial support comes from the Ministry of Agriculture, Industry and Commonwealth Trust Funds

Program Objectives: The role of the Department of Agriculture, Victoria, is to have the prime responsibility to the government for agriculture and related activities in Victoria. It serves farmers, farm organisations, agribusiness, other agencies, and, in some activities, the urban communities. The extension function is directed to the communication of knowledge through extension and education services.

Client Groups Served: Larger commercial farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		21		21
Agricultural Extension Agents/Assistants		194		194
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop and Export/Cash Crop Programs	8		8
	Livestock Programs	12		12
Agricultural Information Unit		5		5
Totals:		240		240

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	3	24			27
District level	18	1	194		213
Totals	21	25	194		240

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. in Agriculture</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. in Agriculture</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State Advisory Committees (Limited)

District or County Advisory/Consultative Committees (not mandatory)

Written material describing current extension programs:

Title of the publication(s): Agricultural Extension Services in Australia language(s) English
 Department of Primary Industry; Australian Government Publishing Service, 1980.

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Soil Conservation Authority
 378 Cotham Road
 Kew, Victoria
 Australia

AUSTRALIA--Western Australia

Name and mailing address
of the national extension
organization

Western Australian Department of Agriculture
Jarrah Road, South Perth, W.A. 6151 Australia

Title of the officer to whom
inquiries should be addressed

Assistant Director

Extension organization was first organized in 1898

Financial support comes from the Department of Agriculture

Program Objectives: Provide advisory services which stimulate: (a) the effective use of innovation, new technology, and finance budgeting and control; (b) an awareness of the need for quality control in marketing and the role of legislative requirements necessary to assist the industry or protect the community; and (c) an awareness of, and adjustment to changing market opportunity and economic circumstances.

Client Groups Served: Larger commercial farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	24		24
Agricultural Extension Agents/Assistants	143		143
Extension Specialists, Officers and/or Agents Who Specialize In:	Marketing and Economics Programs	1	11
	Export/Cash Crop Programs*	1	1
	Livestock Programs*	7	7
	Soil Conservation and Rangeland Mgt. Programs	3	3
Agricultural Information Unit	15	5	20
Technical Liaison Officers and Extension Specialists	4		4
Totals:	207	6	213

*Research officers perform the specialist roles in most cases.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
State Level	11	24	22	9	66
District level	13	2	88	44	147
Totals	24	26	110	53	213

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. (Agriculture)</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. (Agriculture)</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. (Agriculture)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>*Industry Liaison Groups (e.g., beef and wheat liaison committees)</u>
District or County	<u>*Research Station Advisory Committees</u>

*Note: Both have predominantly farmers representation.

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Extension Services in Australia	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Rural Youth Movement Council
of Western Australia
3 Kimberley Street
West Perth, W.A. 6005

Extension Service
University of Western Australia
Nedlands, W.A. 6009

Community Development Center
Department of Mental Health Services
Selby Street, Shenton Park, W.A. 6008

AUSTRIA

Name and mailing address
of the national extension
organization

Beratungsabteilung des Bundesministerium für
Land und Forstwirtschaft
Stubenring 1, 1011 Wien (Vienna)
Republik Österreich (AUSTRIA)

Title of the officer to whom
inquiries should be addressed

Direktor

Extension organization was first organized in 1949

Financial support comes from the Federal Department of Agriculture (two-thirds),
and from the Chambers of Agriculture "Länder" - Governments (one-third).

Program Objectives:

1. The farm management advice is for all categories of farmers. Other programs are related to the farm household and still others to rural youth (both farm and nonfarm youth).
2. Help families solve farm-business and social problems.
3. Assist in developing personalities of rural people so they can have greater accomplishments in their occupations and in their communities.
4. Help those who work in agriculture solve their economic problems and those concerned with the economy.

Client Groups Served: Large and small farmers; farm and non-farm youth; and home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	37	16	53
Agricultural and Youth Extension Agents	259		259
Home Economics and Youth Extension Agents		102	102
Totals:	296	118	414

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	N.A.				N.A.
Länder	53	126			179
Village or Community level			235		235
Totals	53	126	235		414

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Diploma of university</u>
Technical or Subject Matter Specialist	<u>13-16</u> years	<u>Diploma of university or completed high school*</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Completed high school* and one year compulsory päd training</u>

*Final exams passed.

Written material describing current extension programs:

Title of the publication(s):	language(s)
Management Methods for Advisory Activities in Austria: Experience and Effects	German and English

BAHAMAS

Name and mailing address
of the national extension
organization

Extension Division
Department of Agriculture
P.O. Box N-3028
Nassau, Bahamas

Title of the officer to whom
inquiries should be addressed

Director of Agriculture

Extension organization was first organized in 1968

Financial support comes from the Department of Agriculture

Program Objectives:

1. To keep the farming community abreast of new techniques.
2. To introduce to the farming community new methods and practices.
3. To keep the research section aware of the problems of the farming community.
4. To assist the farming community in its day-to-day problems.
5. To teach the youth basic farming skills and expose them to job opportunities in agriculture.
6. To teach the Bahamian public methods of preserving locally grown products so as to decrease imports and expenditure and ultimately save on foreign exchange.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, and rural youth; also programs in home economics.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		2		2
Agricultural Extension Agents/Assistants		15		15
Rural Youth Extension Agents/Assistants		1		1
Home Economics Extension Agents/Assistants			1	1
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	2	2	4
	Export/Cash Crop Programs	2		2
	Livestock Programs	4		4
Totals:		26	3	29

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Total:
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	7			9
District level		5			5
Island level			4		4
Village or Community level				11	11
Totals	2	12	4	11	29

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>B.Sc., M.Sc. (Agric)</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>B.Sc., M.Sc.</u>
Extension officer, agent or instructor	<u>15</u> years	<u>B.Sc.</u>
Village level worker Extension Assistant/helper	<u>12-13</u> years	<u>Diploma - Certificate</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Department of Fisheries
P.O. Box N - 3028
Nassau, Bahamas

Ministry of Youth, Sports and Community Affairs
P.O. Box N - 10114
Nassau, Bahamas

Ministry of Education and Culture
P.O. Box N - 3913
Nassau, Bahamas

BAHRAIN

Name and mailing address
of the national extension
organization

Agricultural Extension Unit
Agriculture Directorate
P.O. Box 251, Bahrain

Title of the officer to whom
inquiries should be addressed

Head of Agricultural Extension Unit

Extension organization was first organized in 1975

Financial support comes from the Ministry of Agriculture

Program Objectives: To help the farmers to replace traditional agricultural methods with new time-saving methods; and to help them to solve their problems which they realize. In general, to act as the link between the Agricultural Directorate and farming sector.

Client Groups Served: Larger commercial farmers and smaller subsistence farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	1		1
Agricultural Extension Agents/Assistants	5		5
Agricultural Information Unit	2	1	3
Totals:	8	1	9

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	3			4
Village or Community level				5	5
Totals	1	3		5	9

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc.</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Secondary school Certificate</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Ministry of Labor and Social Affairs
Directorate of Social Affairs
Manama, Bahrain

BANGLADESH

Name and mailing address of the national extension organization

Extension and Management Division
Directorate of Agriculture
Ansari Building, 1412, Topkhana Rd.
Dacca - 2, Bangladesh

Title of the officer to whom inquiries should be addressed

Director

Extension organization was first organized in 1970 (bifurcated between research and extension)

Financial support comes from the Ministry of Agriculture

Program Objectives: The main objective is to disseminate extension message by motivating the farmers with a view to apply modern methods of cultivation and improve cultural practices in agriculture. Other important objectives are to produce intermediate level agricultural extension workers through imparting preservice and inservice training, and advise the government in programme building for increasing production of various crops.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, as well as extension programs in family planning and child development

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	15			17
Provincial or State Level	4	127			131
District level	21	42			63
Subdistrict, County or Block level		92	863		955
Village or Community level				6650	6650
Totals	27	276	863	6650	7816

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc. Degree in Agriculture</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>B.Sc. Degree in Agriculture</u>
Extension officer, agent or instructor	<u>17</u> years	<u>B.Sc. Degree in Agriculture</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Secondary School Diploma</u>

Public Participation in Program Planning:

No formal structure for public participation in on-going extension programs, but sometimes public participation is sought for implementation of specific programmes.

Written material describing current extension programs:

<u>Title of publication(s):</u>	<u>language(s)</u>
Publication on agricultural extension is printed by Agricultural Information Service of the Ministry of Agriculture and Forest.	Bengali

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

- | | |
|--|---|
| a. Horticulture Development Board
Laboratory Building, Farm-gate,
Dacca. | f. Agriculture Information Service
3, R.K. Mission Road, Dacca. |
| b. Cotton Development Board
1, Babor Road, Mohammadpur,
Dacca. | g. Plant Protection
75, Kakrail, Dacca. |
| c. Tobacco Development Board
Laboratory Building, Farm-gate,
Dacca. | h. Central Extension Resources
Development Institute
AETI Campus, Shere-e-
Banglanagar, Dacca. |
| d. Directorate of Agriculture
(Jute Production)
599, Boro-Mogh Bazar, Dacca. | |
| e. Bangladesh Agricultural Develop-
ment Corporation
Krishi Bhaban, Motijheel,
Dacca. | |

BARBADOS*

Name and mailing address of the national extension organization

Extension Service
Ministry of Agriculture
P.O. Box 505
Bridgetown, BARBADOS

Title of the officer to whom inquiries should be addressed

Senior Agricultural Officer (Agricultural Education)

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To organize and educate farm families in order to ensure increasing success with agricultural diversification in all its phases.
2. To maximize efficiency in land use.
3. To contribute in every possible way to upgrading the status and efficiency of farming in Barbados.

Client Groups Served: Producers of fresh vegetables, fruit crops, sea island cotton, and livestock (cattle, hogs, black-belly sheep, rabbits)

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2				2
Village or Community level			9		9
Totals	2		9		11

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-17</u> years	<u>Bachelor's/Master's degree</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Two-year diploma in tropical agriculture</u>

*1975 Data

BELGIUM

Name and mailing address
of the national extension
organization

Centre de Formation de l'Alliance Agricole Belge
21 rue de la Science, 1040 Bruxelles
Belgique

Title of the officer to whom
inquiries should be addressed

Chef de Centre de Formation

Extension organization was first organized in 1930 (Formation particulière agricole:
1974)

Financial support comes from the Ministère de l'Agriculture

Program Objectives: Par organiser la formation posts-colaire et le perfectionnement professionnel des jeunes et adultes, agriculteurs et fermiers en manières technique professionnelle, législatif, social, politique, economic agricole....Pour realiser le programme annuel (\pm 3,000 heures) sont mis en oeuvre comme professeurs et conférenciers: les cadres permanents (\pm 50) de l'association professionnelle et des techniciens extérieurs spécialistes des moitières enseignées.

Client Groups Served: Grandes exploitations, exploitations familiales de moindre importance, cultivatrices, jeunes cultivateurs (adultes), programmes la jeunesse rural agricole (garçons et filles), programmes d'enseignement menager (pour féminines et filles), programmes sur la nutrition (pour fermières), programmes des planification familial, development de l'enfant, et amateurs en horticulture et petits élevages.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	1	1	2
Agricultural Extension Agents/Assistants	32	4	36
Rural Youth Extension Agents/Assistants	2	1	3
Home Economics Extension Agents/Assistants		3	3
Totals:	35	9	44

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	12	13		14
Subdistrict, County or Block level	15	23	23		38
Totals	17	35			52

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12</u> years	<u>Technicien Agronome</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Ingénieur agricole ou universitaire</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Technicien Agronome</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level Au niveau legislatif et reglementaire, mais liberte au niveau des programmes.

Written material describing current extension programs:

Title of the publication(s): language(s)

Document de travail (pour fermieres) Francais

BELGIUM

Name and mailing address of the national extension organization

Ministère de l'Agriculture
Administration de l'Agriculture et de
l'Horticulture
Rue de Stassart, 36
1050 BRUXELLES - BELGIUM

Title of the officer to whom inquiries should be addressed

General Director

Extension organization was first organized in 1885

Financ' l support comes from the Ministère de l'Agriculture

Program Objectives:

1. Economic objective: Increase the productivity of the farms improving technical progress and optimal using of productions factors.
2. Social objective: Increase standard of living of the farm population.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, and home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		26	1	27
Agricultural Extension Specialists		32		32
Home Economics Extension Agents/Assistants			9	9
Extension Officers Who Specialize In:	Crop Programs	200		200
	Livestock Programs	110		110
Agricultural Information Unit		4		4
Other:		27		27
Totals:		399	10	409

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	27 (eng.)	32 (eng.)			59
District level	120 (eng.)	230			350
Totals	147	262			409

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>ingénieur agronome et au moins 6 années de service</u>
Technical or Subject Matter Specialist	<u>17</u> years <u>12</u> years	<u>ingénieur agronome</u> <u>technicien agricole</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Monographie de la vulgarisation Agricole Belge	French

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Belgische Boerenbond
Minderbroederstraat, 6
3000 Leuven, Belgium
2. Alliance Agricole Belge
Rue Jozef II, 82
1040 BRUXELLES
3. Union Professionnelle Agricole
Rue Antoine Dansart, 94-96
1000 BRUXELLES

BELIZE

Name and mailing address
of the national extension
organization

Agriculture Department
Ministry of Natural Resources
Belmopan, Cayo District
Belize, Central America

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in 1967

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To make the farmer self sufficient in food.
2. After self sufficiency, to improve the farmers' standard of living by increased production for export.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and primary school agric programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		4		4
Agricultural Extension Agents/Assistants		35		35
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	1		1
	Export/Cash Crop Programs	3		3
	Livestock Programs	2		2
Agricultural Information Unit		1		1
General Extension Workers		2		2
Totals:		48		48

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	3			7
District level	6				6
Subdistrict, County or Block level			25	5	30
Village or Community level			5		5
Totals	10	3	30	5	48

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc.</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>M.Sc.</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Diploma in Agriculture</u>
Village level worker Extension Assistant/helper	<u>10</u> years	<u>High School Diploma</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County	<u>Extension Committee</u>
Village or Community	<u>Village Production Council</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: (see attached list)

**The Research Officer
Belize Sugar Industry
Libertad
Corozal District
Belize C.A.**

**The Field Officer
Belize Agricultural Society
National Agricultural and
Trade Show Grounds
Belmopan
Cayo District**

**The Secretary
Belize Sugar Board
Corozal Town
Belize C.A.**

**The Secretary Cane Farmers Association
San Antonio Road
Orange Walk Town
Belize C.A.**

**The Permanent Secretary
Ministry of Social Services
Belmopan
Belize C.A.**

BERMUDA

Name and mailing address
of the national extension
organization

Department of Agriculture and Fisheries
P.O. Box 843
Hamilton 5, Bermuda

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1912

Financial support comes from the Ministry of Agriculture

Program Objectives: To encourage all aspects of local agriculture, including crop production, animal husbandry and marketing.

Client Groups Served: Larger commercial farmers and home gardeners.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		3		3
Agricultural Extension Agents/Assistants		5		5
Extension Specialists, Officers and/or Agents who Specialize In:	Food Crop Programs	1		1
	Livestock Programs	1		1
	Fisheries Programs	1		1
Totals:		11		11

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	3	3	2	11
Totals	3	3	3	2	11

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14</u> years	<u>Masters</u>
Technical or Subject Matter Specialist	<u>14</u> years	<u>Masters</u>
Extension officer, agent or instructor	<u>10</u> years	<u>High School</u>
Village level worker Extension Assistant/helper	<u>10</u> years	<u>High School</u>

BOLIVIA

Name and mailing address of the national extension organization

Departamento de Extension Agrícola
Instituto Boliviano de Tecnología Agropecuaria
C.P. 5783, La Pas, Bolivia

Title of the officer to whom inquiries should be addressed

Jefe del Departamento de Extension

Extension organization was first organized in 1948

Financial support comes from the Ministry of Finance of the Central Government

Program Objectives: Prestar asistencia técnica a los productores agrícolas organizados mediante sistemas educativos apropiados al nivel de escolaridad, económico y sociocultural.

Client Groups Served: Agricultores comerciales medianos y grandes, pequeños agricultores de subsistencia, y agricultores-adultos jóvenes.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	28		28
Agricultural Extension Agents/Assistants	122		122
Agricultural Information Unit	8		8
Totals:	158		158

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	12	8			20
Provincial or State Level	16		120	2	138
Totals	28	8	120	2	158

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ingeniero agrónomo</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Ingeniero agrónomo</u>
Village level worker Extension Assistant/helper	<u>16</u> years	<u>Técnico medio</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Reglamentos, Inst. Bolv. Tec. Agrop.	Español

BOTSWANA

Name and mailing address
of the national extension
organization

Ministry of Agriculture
Department of Agricultural Field Services
Private Bag 003, Gaborone, Botswana

Title of the officer to whom
inquiries should be addressed

Director of Agricultural Field Services

Extension organization was first organized in 1945

Financial support comes from the Ministry of Agriculture

Program Objectives: Provide extension in agriculture; animal husbandry, crop husbandry and conservation of natural resources; and to provide extension in home economics.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers and rural youth. They also have home economics, nutrition and family planning/child development programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		22		22
Agricultural Extension Agents/Assistants		186	13	199
Rural Youth Extension Agents/Assistants		5		5
Home Economics Extension Agents/Assistants			2	2
Extension Specialists, Officers and/or Agents Who Specialize In:	Food and Export Crop Programs	9		9
	Livestock and Fisheries Programs	65	3	68
Agricultural Information Unit		15	4	19
Land Use Division, Agri Management Association		52	2	54
Agricultural Management Association		10		10
Totals:		364	24	388

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	17	73	10		100
Provincial or State Level	5	70	22		97
District level			19		19
Village or Community level				172	172
Totals	22	143	51	172	388

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>B.Sc., M.Sc., or Diploma in Agri. Science</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. or Diploma in Agri. Science</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. or Diploma in Agri. Science</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Certificate in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>National District Development Committee</u>
Provincial or State	<u>Regional Conservation Committee</u>
District or County	<u>District Development Committee & Land Use Planning Advisory Groups</u>
Village or Community	<u>Village Development Committees, Agric. Management Associations</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Agri-News (a monthly paper)	English
Annual Plan Departmental	English
Women's Involvement in Agriculture in Botswana	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Department of Social and Community Development
Private Bag 006
Gaborone, Botswana

CANADA (Alberta)

Name and mailing address
of the national extension
organization

Extension Division
Alberta Agriculture Department
Agriculture Building
9718-107 Street, Edmonton Alberta, T5K 2C8
CANADA

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1920

Financial support comes from the Provincial Department of Agriculture (97%) with some minor local and federal government support.

Program Objectives:

1. Help rural farm families improve their economic and social well being, and well-being of rural communities and the industry.
2. Provide technical and policy information interpretation and transfer.
3. Administer wide range of department programs focused on intent of objective 1 above.

Client Groups Served: Larger commercial farmers, small subsistence farmers, young (adult) farmers, and rural youth. Also included are programs for rural nonfarm acreage holders (i.e., horticulture, consumer information, and money management and full range of home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		14	10	24
Agricultural Extension Agents/Assistants		92	8	100
Rural Youth Extension Agents/Assistants		16	4	20
Home Economics Extension Agents/Assistants			61	61
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	10	4	14
	Agr. Economics Programs	8		8
	Livestock Programs	24	1	25
	Agr. Engineers Programs	8		8
Agricultural Information Unit (as separate division)		8	6	14
Other:		4	2	6
Totals:		184	96	280

NOTE: Home Economics and 4-H programs were given full division status in 1976.

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial Level	12	18			30
District level			161	18	179
Regional level	24	48			72
Totals	36	66	161	18	281

*Plus approximately 110 clerical and technical support staff and about 50 para-professionals.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer (10 yrs. exp.)	<u>18</u> years	<u>B.Sc. Agri or Home plus M.Sc. or MEd.</u>
Technical or Subject Matter Specialist	<u>17-18</u> years	<u>B.Sc. + Special Exp. or major some M.Sc.</u>
Extension officer, agent or instructor	<u>15-16</u> years	<u>B.Sc. Agr. or Home Ec.</u>
Village level worker Extension Assistant/helper	<u>10-12</u> years (5 years experience on job)	<u>High School + Tech.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>Prov. 4-H Advisory Comm., and Agric Extension Adv. Committee</u>
District or County	<u>Varies, some formal, some informal</u>
Village or Community	<u>only ad-hoc on special projects</u>

Written material describing current extension programs:

Title of the publication(s): _____ language(s)
 Numerous _____ English
 District Focus -- 1977
 Could provide papers or specific topics on request

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Rural Education & Development Association (99 Ave. - 106th) Edmonton

CANADA -- British Columbia

Name and mailing address
of the national extension
organization

Regional Extension Service
Field Operations
B.C. Ministry of Agriculture
Parliament Buildings
Victoria, British Columbia V8W 2Z7

Title of the officer to whom
inquiries should be addressed

Assistant Deputy Minister, Field Operations

Extension organization was first organized in 1946

Financial support comes from the Department of Agriculture

Program Objectives: The objective of the extension service is to encourage improved farm production and business management practices; to facilitate transfer of information and technology from universities, research institutions and other sources for practical application by producers; to encourage efficient use and conservation of farm resources; and to encourage producers in profitable farm operations in order to ensure an adequate supply of good quality products for consumers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	7		7
Agricultural Extension Agents/Assistants	38	2	40
Rural Youth Extension Agents/Assistants	1	3	4
Agricultural Information Unit	7		7
Extension Livestock Specialists	6		6
Totals:	59	5	64

Size of Program Staff:*

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial Level	2	8			10
District level	5		8		13
Subdistrict, County or Block level			36	4	40
Totals	7	8	44	4	63

*All extension undertaken provincially.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. (Ag)</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. (Ag)</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. (Ag)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State Commodity groups; e.g., beef, dairy, crops

District or County Also commodity oriented

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Ministry of Education
Parliament Buildings
Victoria, B.C. V8W 2Z7
CANADA

CANADA -- Manitoba

Name and mailing address of the national extension organization

**Manitoba Department of Agriculture
Production Division, Regional Agric. Extension
Room 153 Legislative Building
Winnipeg, Manitoba
CANADA R3C 0V8**

Title of the officer to whom inquiries should be addressed

Assistant Deputy Minister

Extension organization was first organized in 1915

Financial support comes from the Department of Agriculture

Program Objectives: To assist farmers and rural families and communities to fulfil their development objectives through the delivery of programs and educational and technical support services.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, rural youth and home economics programs, including nutrition and family/child programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		14	1	15
Agricultural Extension Agents/Assistants		41	1	42
Rural Youth Extension Agents/Assistants		2	5	7
Home Economics Extension Agents/Assistants			17	17
Extension Specialists, Officers and/or Agents Who Specialize In:	Crop Programs	14		14
	Farm Management Programs	8		8
	Livestock Programs	24		24
	Agric. Engineering Programs	5		5
Agricultural Information Unit		4	1	5
Totals:		112	25	137

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	5		2		7
Regional level	10	56	22		88
District level			40	2	42
Totals	15	56	64	2	137

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12-17</u> years	Super. - B.S.A + post grad (possibly) <u>Admin.-Cert. in Public Admin.</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.S.A + post grad (possibly)</u>
Extension officer, agent or instructor	<u>14-16</u> years	<u>B.S.A or Diploma Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>Manitoba 4-H Council</u>
District or County	<u>Extension Advisory Council & District 4-H Councils</u>

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Various publications available from publication section, Manitoba Dept. of Agriculture, 411 York Ave., Winnipeg, Manitoba R3C 0V8 CANADA English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Agri-Business and Commodity groups limited to their specific area.

CANADA -- New Brunswick

Name and mailing address
of the national extension
organization

Extension and Economics Branch
New Brunswick Department of Agriculture
Box 6000
Fredericton, New Brunswick
CANADA

Title of the officer to whom
inquiries should be addressed

Director of Extension

Extension organization was first organized in 1919

Financial support comes from the Department of Agriculture

Client Groups Served: Larger commercial farmers, small subsistence farmers,
rural youth programs, home economics programs and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		22	1	23
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	20		20
	Export/Cash Crop Programs	25		25
	Livestock Programs	15		15
Totals:		82	1	83

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	20				20
District level	3	60			63
Totals	23	60			83

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-18</u> years	<u>B.Sc., M.Sc.</u>
Technical or Subject Matter Specialist	<u>16-18</u> years	<u>B.Sc., M.Sc.</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc.</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Human Resource Development Program	French and English

CANADA -- Newfoundland

Name and mailing address
of the national extension
organization

Department of Rural, Agricultural and
Northern Development
St. John's, Newfoundland
CANADA

Title of the officer to whom
inquiries should be addressed

Director of Extension

Financial support comes from the Department of Agriculture

Program Objectives:

To deliver programs of the Agriculture Branch, to provide a sound technical and management advisory service to the farm public and to assist with the management of agricultural resources to provide opportunity to develop viable farm units for expanded production of agriculture food commodities.

- A. To provide a decentralized but integrated extension service in order that services are readily accessible to the farm public.
- B. To provide the farm public with technical and farm management advisory service.
- C. To identify and implement human resource training programs for the agricultural industry.
- D. To identify farm needs and have input into program formulation and evaluation.
 - 1. Conducting an annual farm survey to collect current agriculture industry data.
 - 2. Monitoring use and performance of Agriculture Branch programs.
 - 3. Reviewing new programs developed by other divisions.
 - 4. Liaison with other Government Departments and Agencies, farmer organizations, and industry representatives located throughout the Province

Data on the Size and Distribution of Extension Personnel by Program Area could not be tabulated.

CANADA -- Nova Scotia

Name and mailing address
of the national extension
organization

Extension Services Branch
Nova Scotia Dept. of Agriculture & Marketing
P.O. Box 550
Truro, N.S. B2N 5E3
CANADA

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1926

Financial support comes from the Department of Agriculture

Program Objectives: Our primary objective of the N.S. Dept. of Ag. & Mkg. Extension Services is to serve commercial farmers. However, considerable emphasis is also placed on serving the rural community generally, including the part-time farmer, rural youth and the agricultural industry in total, all with the aim of supporting agriculture and its significant contribution to the Nova Scotia economy.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, rural youth and home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	6	1	7
Agricultural Extension Agents/Assistants	43		43
Rural Youth Extension Agents/Assistants	5	2	7
Home Economics Extension Agents/Assistants		6	6
Totals:	54	9	63

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial Level	7				7
District level	3	27	17	9	56
Totals	10	27	17	9	63

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>M.S. (in Agriculture)</u>
Technical or Subject Matter Specialist	<u>16-18</u> years	<u>B.Sc. or M.Sc. (in Agri)</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. (in Agriculture)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>Provincial Fed. of Agriculture, Women's Institutes of Nova Scotia, 4-H Council, Commodity groups</u>
District or County	<u>County Federations of Agriculture, County 4-H Council</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Other branches of the Department of Agriculture and Marketing supply the specialist extension programs, including: soils and crops, livestock, horticulture and biology, and marketing.

CANADA -- Ontario

Name and mailing address
of the national extension
organization

Extension Branch
Ontario Ministry of Agriculture and Food
Legislative Buildings
Queens Park, Toronto
Ontario, M7A 1B2
CANADA

Title of the officer to whom
inquiries should be addressed

Associate Director

Extension organization was first organized in 1907

Financial support comes from the Ministry of Agriculture

Client Groups Served: Larger commercial farmers, smaller subsistence farmers,
women farmers, young (adult) farmers and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	4	2	6
Agricultural Extension Agents/Assistants	62	5	67
Rural Youth Extension Agents/Assistants	6	2	8
Totals:	72	9	81

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	6				6
District level			7		7
Subdistrict, County or Block level		30	54	67	151
Totals	6	30	61	67	164

CANADA -- Prince Edward Island

Name and mailing address
of the national extension
organization

Department of Agriculture and Forestry
P.O. Box 2000
Charlottetown, P.E.I.
Canada C1A 7N3

Title of the officer to whom
inquiries should be addressed

Director, Field Service Branch

Extension organization was first organized in 1916

Financial support comes from the Ministry of Agriculture; some from government of Canada.

Program Objectives: Economic development of agriculture in Prince Edward Island through training, advisory services, farm management and capital grants programs and related services. Goal -- more efficient agriculture, improved incomes and effective farm families who can manage their resources of time, finances, land, capital, etc. so as to improve their level of living.

Client Groups Served: Larger commercial farmers, part-time and smaller farmers, women farmers, young (adult) farmers and rural youth (4-H programs), junior farmers, home economics programs with emphasis on farm family, nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		6	1	7
Agricultural Extension Agents/Assistants		15	1	16
Rural Youth Extension Agents/Assistants		1	2	3
Home Economics Extension Agents/Assistants			5	5
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	6	1	7
	Export/Cash Crop Programs	1		1
	Livestock Programs	10	1	11
Agricultural Information Unit		1	1	2
Lab-Services, A.I., Veterinarians, etc.		40	10	50
Totals:		80	22	102

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	<u>Supporting Personnel</u>		<u>"Change Agents"</u>		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	7	26		33 Tech.	66
District level	5	6	15	6	32
Totals	12	32	15	39	98

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-18</u> years	<u>B.Sc. or M.Sc. in Agric.</u>
Technical or Subject Matter Specialist	<u>16-18</u> years	<u>B.Sc. or M.Sc. in Agric.</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District level Through Farm Organization Groups

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Annual reports of the PEI Department of Agriculture and Forestry _____ English

CANADA--Saskatchewan

Name and mailing address of the national extension organization

Extension and Rural Development Division
Saskatchewan Department of Agriculture
3085 Albert St.
Regina Saskatchewan, Canada S43 OB1

Title of the officer to whom inquiries should be addressed

Executive Director

Extension organization was first organized in 1949

Financial support comes from the State Department of Agriculture

Program Objectives: Provide information, counselling, and advisory services to assist farm people in becoming more successful farmers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, young (adult) farmers (main target group), and rural youth (4-H programs).

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		9		9
Agricultural Extension Agents/Assistants		47	3	50
Rural Youth Extension Agents/Assistants		6		6
Extension Specialists, Officers and/or Agents Who Specialize In:	Crop Programs	6		6
	Livestock Programs	6		6
Agricultural Information Unit		1		1
Other Specialists		12		12
Totals:		87	3	90

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	2			6	8
District level	7	24	50		81
Totals	9	24	50	6	89

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-17</u> years	<u>B.Sc. or M.Sc. in Agric.</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>M.Sc. in Agric.</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. in Agric.</u>
Village level worker Extension Assistant/helper	<u>12-16</u> years	

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Canada Agricultural Services Coordinating Committee</u>
Provincial or State	<u>Saskatchewan Agricultural Services Coordinating Committee</u>
District or County	<u>District Boards; Regional Councils</u>
Village or Community	<u>Agricultural Committees</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Saskatchewan Agriculture Annual Report	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Division of Community Relations, University of Saskatchewan, Sooratoon, Canada; and 12 Community Colleges

CENTRAL AFRICAN REPUBLIC

Name and mailing address of the national extension organization

Service de Modernisation et Vulgarisation Agricole
Direction Agriculture
Bangui, Republique de l'Afrique Centrale

Title of the officer to whom inquiries should be addressed

Chef de Service

Extension organization was first organized in 1972

Financial support comes from the Ministère de l'Agriculture

Program Objectives:

1. Renforcer et ameliorer la formation des cadres en matière de vulgarisation agricole (programme stage de perfectionnement)
2. Preparer et rediger des fiches techniques et autre documents destinés aux agents d'agriculture
3. Ameliorer la liaison entre la vulgarisation, la recherche
4. Elaborer et evaluer le programme national de vulgarisation agricole.

Client Groups Served: Exploitations familiales de moindre importance.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	2			5
Provincial or State Level		16			16
District level		83	205		288
Village or Community level			93	520	613
Totals	3	101	298	520	922

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13</u> years	
Technical or Subject Matter Specialist	<u>14</u> years	
Extension officer, agent or instructor	<u>13</u> years	<u>Adjoint Tech. et Agent Tech.</u>
Village level worker Extension Assistant/helper	<u>9</u> years	<u>Moniteur ou Surveillant des travaux</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Assistance pour l'organisation d'un service de vulgarisation agricole diget ODNUS, FAO, CAF, 033 (Rapport Final)	Francais

COMOROS (Federal Islamic Republic)

Name and mailing address of the national extension organization

Centre Federal D'Appui au Developpement Rural (CEFADER)
Ministere de la Production et du Developpement Agricole
B.P. 289
Moroni, Republique Federale Islamique des Comores

Title of the officer to whom inquiries should be addressed

Directeur du Département des Ressources Humaines

Extension organization was first organized in 1979

Financial support comes from Ministère de l'Agriculture

Program Objectives:

1. Amélioration des exploitations familiales pour une meilleur utilisation des ressources naturelles.
2. Amélioration des conditions de la femme rurale.
3. Amélioration de l'état nutritionnel de la population par une meilleure composition alimentaire (amélioration vant sur le plan de la qualité que sur le plan de la quantité).
4. Dans les conditions actuelles en plus des travaux ménagers la femme exécute enison 60% des travaux de champ.

Client Groups Served: Exploitations familiales de moindre importance, cultivatrices et programmes sur la nutrition.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	2			4
Provincial or State Level		5			5
District level			4		4
Village or Community level				80	80
Totals	2	7	4	80	93

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Ingenieur ou Licence</u>
Technical or Subject Matter Specialist	<u>13</u> years	<u>BAC ou B.T.A.</u>
Extension officer, agent or instructor	<u>10</u> years	<u>B.E.P.C. + Formation</u>
Village level worker Extension Assistant/helper	<u>6</u> years	<u>C.E.P.E.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>CEFADER</u>
District	<u>CADER</u>

COSTA RICA

Name and mailing address
of the national extension
organization

Dirección General de Extensión Agrícola
Ministerio de Agricultura y Ganadería
Apartado No. 10094
San José, Costa Rica

Title of the officer to whom
inquiries should be addressed

Director General de Extensión Agrícola

Extension organization was first organized in 1948

Financial support comes from the Ministerio de Agricultura

Program Objectives:

1. Organizar, dirigir y ejecutar la labor de asistencia técnica-extensión agrícola de los productores agropecuarios nacionales, especialmente del pequeño y mediano.
2. Coordinar la acción de capacitación del personal del MAG la organización de juventudes rurales (Clubes 4-S) y de agricultores adultos, y la coordinación de programas asistenciales con otras organizaciones del sector rural.

Client Groups Served: Agricultores comerciales medianos y grandes, pequeños agricultores de subsistencia, agricultoras (mujeres), agricultores - adultos jóvenes, programas para la juventud rural, y programas de economía doméstica.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		15		15
Agricultural Extension Agents/Assistants		57		57
Rural Youth Extension Agents/Assistants		45		45
Home Economics Extension Agents/Assistants			45	45
Extension Officers Who Specialize In:	Food Crop Programs	27		27
	Livestock Programs	23		23
Agricultural Information Unit		1		1
Other:		57	40	97
Totals:		225	85	310

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	12			15
Provincial or State Level	12	55			67
Subdistrict, County or Block level			57		57
Village or Community level	85			86	171
Totals	100	67	57	86	310

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>Ingeniero Agrónomo</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>Ingeniero Agrónomo</u>
Extension officer, agent or instructor	<u>16</u> years	<u>Ing. Agrónomo o Agrónomo</u>
Village level worker Extension Assistant/helper	<u>14</u> years	<u>Baller Agropecuario o Promotor</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>Comisión Coordinación Regional</u>
District or County	<u>Centro Agrícola Cantonal (CAC)</u>
Village or Community	<u>Comité Auxiliar (CAC)</u>

CYPRUS

Name and mailing address
of the national extension
organization

Department of Agriculture
Ministry of Agriculture and Natural Resources
Nicosia, Cyprus

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1953

Financial support comes from the Ministry of Agriculture and Natural Resources

Program Objectives:

1. Increase land and labour productivity.
2. Increase competitiveness of agricultural products.
3. Improve quality of agricultural produce.
4. Improve nutritional standard of population.
5. Improve living conditions in the rural areas.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, and young (adult farmers; home economics, nutrition programs, and family planning/child development programs).

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	10		10
Agricultural Extension Agents/Assistants	135	6	141
Home Economics Extension Agents/Assistants		8	8
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	18	18
	Export/Cash Crop Programs	2	2
	Livestock Programs	11	1
Agricultural Information Unit	1		1
Totals:	177	15	192

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	2	5	7	15
District level	9	32		84	125
Subdistrict, County or Block level			37	15	52
Totals	10	34	42	106	192

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>University Degree, Post Graduate Studies</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>University Degree, Post Graduate Studies</u>
Extension officer, agent or instructor	<u>16</u> years	<u>University Degree</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Secondary Education</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Report of the Director of the Department of Agriculture	English
Annual Report of the Agricultural Extension Service	

<u>Name and mailing address of the national extension organization</u>	(a) De Samvirkende Danske Land boforeninger Axelborg Vestobrogade 4A 1620 Kobenhavn V, Denmark
	(b) Danske Husmandsforeigner Vester Farimagsgade 6, 3 1606 Kobenhavn V, Denmark
<u>Title of the officer to whom inquiries should be addressed</u>	(a) Administrative Director
	(b) Secretary General

Extension organization was first organized in 1880

Financial support comes from the Ministry of Agriculture (40%) and 60% from farmers' organizations (Farmers Unions and Danish Family Farmers).

Program Objectives:

1. To extend knowledge from relevant sources to the farming population.
2. To assist individuals in making concrete decisions.
3. To carry out analyses, tests and adaptations under practical conditions.
4. To organize registration and analysis of data for production control and planning.
5. To provide farmers opportunities for lifelong education in farming.
6. To form a bridge between the agricultural industry and research.

Client Groups Served: Larger commercial farmers, small subsistence farmers, women farmers, young (adult) farmers and rural youth; home economics, nutrition, and family planning/child development programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		5		5
Agricultural Extension Agents/Assistants		335	17	352
Rural Youth Extension Agents/Assistants		18	5	23
Home Economics Extension Agents/Assistants			60	60
Extension Specialists, Officers, and/or Agents Who Specialize In:	Crop Programs	229		229
	Livestock Programs	220	6	226
	Buildings & Machinery	53		53
Agricultural Information Unit		5	1	6
Totals:		865	89	954

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	50			54
County level			900		900
Totals	4	50	900		954

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. + (Agric.)</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. + (Agric.)</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc.</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Research and The Advisory Services	English, German, French and Danish

DOMINICAN REPUBLIC*

Name and mailing address of the national extension organization

Departamento de Extension Agropecuaria
Cenioca, San Cristobal
DOMINICAN REPUBLIC

Title of the officer to whom inquiries should be addressed

Director

Extension organization was first organized in 1962

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Technical assistance to rural families.
2. Group organization of producers, housewives and youth.
3. Support for agrarian reform in coordination with the agricultural bank.
4. Informal and formal education.

Client Groups Served: Producers of rice, livestock, beans, vegetables and fruits.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	6	5			11
Provincial or State Level	2		1		3
Totals	8	5	1		14

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Total years of formal education (ave.)

17 years

Type of diploma, degree or certificate generally needed for this type of position

Ing-Agr.

Technical or Subject Matter Specialist

17 years

Ing-Agr.

Extension officer, agent or instructor

15 years

Agronomist

ECUADOR*

Name and mailing address
of the national extension
organization

Rural Development Division
Ministry of Agriculture and Livestock
P.O. Box 259
Quito, ECUADOR

Title of the officer to whom
inquiries should be addressed

Director, Rural Development Division

Extension organization was first organized in 1955

Financial support comes from the Ministry of Agriculture and Livestock

Program Objectives:

1. Promotion and organization of cooperatives and communities.
2. Training of farmers, housewives and rural youth.

Client Groups Served: Producers of potatoes, maize, wheat, frijol, sheep and cattle.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	10	4			14
Provincial or State Level				250	250
Totals	10	4		250	264

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Agricultural Engineer</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>M.S.</u>

*1975 Data

EL SALVADOR

Name and mailing address
of the national extension
organization

Dirección de Extensión Agrícola
Centro Nacional de Tecnología Agropecuaria
San Andrés, La Libertad - S.S.
El Salvador, C.A.

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1949

Financial support comes from the Ministerio de Agricultura

Program Objectives:

1. Proporcionar paquetes tecnológicos adaptados a las condiciones ecológicas de cada región del país, con el fin de aumentar la producción e incrementar los ingresos de las sociedades productivas involucradas en el Proceso de Reforma Agraria.
2. Transferir al pequeño y mediano agricultores de tecnología resultando de las investigaciones, principalmente en los cultivos de granos básicos de manera que se incremente su producción y productividad, mejorando con ello los ingresos económicos y proporcionar una mejora en la dieta alimentaria de la población rural, coadyuvando así al desarrollo y crecimiento del País.
3. Capacitar y adiestrar a grupos de jóvenes rurales y amas de casa organizados en grupos o empresas de autogestión, en todas las técnicas de cultivos tanto en granos básicos, frutales, hortalizas como en el procesamiento agroindustrial, a fin de ampliar los beneficios sociales y absorber la mayor parte de mano de obra del Sector campesino, para hacer los partícipes directos, por medio de la integración al Proceso de Reforma Agraria, del desarrollo de su comunidad y del País en general.
4. Proporcionar asistencia técnica para el cultivo del algodón con el fin de disminuir los costos de producción por medio de la aplicación adecuada y racional de insumos y el uso eficiente de otras técnicas para aumentar el ingreso por unidad de producción; así mismo, aumentar la siembra de este producto para incrementar su exportación con el fin de obtener un mayor número de divisas necesarias para el desarrollo del País.
5. Elevar la productividad del cultivo de la caña de azúcar mediante la utilización de nuevas variedades más provisorias y de la tecnología adecuada, a fin de que los agricultores incrementen sus ingresos, que este cultivo vuelva a tomar su posición como producto de exportación tradicional y generador de divisas y de fuentes de trabajo.
6. Incentivar la producción de los otros cultivos agroindustriales con el fin de proporcionar nuevas alternativas de ingreso a la familia rural, como resultante de los cambios estructurales que lleva a cabo el Proceso de Reforma Agraria.

Client Groups Served: Pequeños agricultores, pequeños agricultores de subsistencia, agricultoras (mujeras), agricultores - adultos jovenes, programas para la juventud rural. Programas de economía doméstica, programas de nutrición, programas de planificación familiar/desarrollo del niño, y empresas de autogestion, cooperativas y asociaciones agricolas, grupos solidarios.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/Supervisory Officers		35	61	96
Agricultural Extension Agents/Assistants		128		128
Rural Youth Extension Agents/Assistants		25		25
Home Economics Extension Agents/Assistants			76	76
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	94		94
	Export/Cash Crop Programs	34		34
Agricultural Information Unit Tecnicos		4		4
Jefes de Programas y Supervisores		22		22
Otros		1		1
Totals:		343	137	480

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>Agrónomo</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Ingeniero Agronomo</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Agrónomo</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>BR. Agrícola</u>

Written material describing current extension programs:

Title of the publication(s):
 Various technical publications

language(s)
 Spanish

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. **DIDECO**
Dirección de Desarrollo Comunal
2. **PRIDECO**
Alcaldía Municipal
3. **A.D.S.**
Asociación Demográfica Salvadoreña
4. **PAN**
Programa de Alimentación y Nutrición
5. **M.E.**
Ministerio de Educación
6. **M.S.A.S.**
Ministerio de Salud Pública y Asistencia Social
7. **I.S.T.A.**
Instituto Salvadoreño de Transformación Agraria

ETHIOPIA*

Name and mailing address
of the national extension
organization

Ethiopian Government Ministry of Agriculture,
Extension and Project Implementation Dept.
P.O. Box 3824
Addis Ababa, Ethiopia

Title of the officer to whom
inquiries should be addressed

Head of Extension Division

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. An improvement in the standard of living of the peasant population.
2. The continued improvement of methods for bringing about agricultural development in Ethiopia.
3. The creation of financial resources through an increase in the tax paying ability of the population, training of staff and relevant findings from applied research.

Client Groups Served: Producers of corn, wheat, teff, barley, sorghum, and cross-bred livestock.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	76	30	347	300	753
Provincial or State Level	4-5		25-30	25	60
District level	1		5	5	11
Subdistrict, County or Block level			1	1	2
Totals	82	30	383	331	826

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc.</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>M.Sc.</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diploma</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Diploma</u>

FIJI*

Name and mailing address
of the national extension
organization

Extension Division
Ministry of Agriculture, Fisheries and Forests
G.P.O. Box 358
Suva, FIJI, South Pacific

Title of the officer to whom
inquiries should be addressed

Assistant Director, Extension

Extension organization was first organized in 1930 (limited extension service)

Financial support comes from the Ministry of Agriculture

Program Objectives: The Extension Service is the primary means by which various measures, incentives and programmes for agricultural development are effected to (1) meet the need of the rural community at large; (2) encourage commercial agriculture; (3) increase agricultural production; (4) develop rural infrastructure; and (5) increase rural employment.

Client Groups Served: Producers of rice, subsistence crops, livestock, coconuts, cash crops; and programs for community development and women.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	3			5
Provincial or State Level	4	3	9		16
District level	13		47		60
Subdistrict, County or Block level			125		125
Village or Community level			7		7
Totals	19	6	188		213

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.S. Degree and P.G. Diploma</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.S. Degree and P.G. Diploma</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Diploma Tropical Agriculture</u>

FINLAND

Name and mailing address
of the national extension
organization

Association of Agricultural Centers
Lönrotinkatu 11
00120 Helsinki 12
FINLAND

Title of the officer to whom
inquiries should be addressed

Information Chief

Extension organization was first organized in 1797

Financial support comes from the Ministry of Agriculture and 30-40% from agent's fees and income from own property.

Program Objectives: Instruction and development of agricultural production, home economics on farms, nutrition, fishery, and textile and handicrafts.

Client Groups Served: All kinds of farmers and farm wives.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		21	16	37
Agricultural Extension Agents/Assistants		170	6	176
Home Economics Extension Agents/Assistants			86	86
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	68	6	74
	Livestock Programs	10	62	72
	Fisheries Programs	49		49
Agricultural Information Unit		12	2	14
Building		96	6	102
Mechanization, Farm Mgt., etc.		50	2	52
Totals:		476	186	662

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	7	16			23
Provincial or State Level	30	305			335
County level			304		304
Totals	37	321	304		662

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17-18</u> years	<u>Master of Sc. in Agric.</u>
Technical or Subject Matter Specialist	<u>13-14</u> years	<u>B.Sc. or M.Sc. in Agric.</u>
Extension officer, agent or instructor	<u>13-14</u> years	<u>Bachelor of Sc. in Agric.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Executive Committee; Council, Convention of Delegates</u>
Provincial level	<u>Executive Committee, Convention of Delegates</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: (See attached)

OTHER EXTENSION ORGANIZATIONS

Suomen Hippos,
Mannerheimintie 54, 00260 HELSINKI 26

Seed Association,
Freesenkatu 3 A 32, 00100 HELSINKI 10

Sheepraising Society,
Dagmarinkatu 8 B 18, 00100 HELSINKI 10

Bee-keepers' Association,
Kasarminkatu 26 C, 00130 HELSINKI 13

Reindeer-Raising Association,
Rovakatu 23 A III krs., 96200 ROVANIEMI 20

Finnish Horticultural Association,
Lönrotinkatu 22 A, 00120 HELSINKI 12

Drainage Society,
Simonkatu 12 A, 00100 HELSINKI 10

Poultrykeepers' Association,
Kanakouluntie 1, 13100 HÄMEENLINNA 10

Fisheries' Association of Finland,
Köydenpunojankatu 7 B 23, 00100 HELSINKI 10

The Finnish Animal Breeding Association,
PL 40, 01301 VANTAA 30

Society for the Breeding of Furbearing Animals,
PL 5, 01601 VANTAA 60

Swamp Cultivation Society,
Karjalan koeasema, 82600 TOHMAJÄRVI

Work Efficiency Association,
PL 28, 00211 HELSINKI 21

Central Association of A.I. Societies in Finland,
Kuriiritie 11, 01300 VANTAA 30

GABON

Name and mailing address
of the national extension
organization

Cellule de Formation
Ministère de l'Agriculture
B.P. 2108
Libreville, Gabon

Title of the officer to whom
inquiries should be addressed

Directeur

Financial support comes from Ministère de l'Agriculture et Financement Inter-
nationaux (BAD-FED) sur certain projet.

Program Objectives: A partir d'une formation commune, les vulgarisateurs sont
affectés dans différents projets agricoles -- ex. projet café, projet cacao,
projet banane, plantations -- dans chaque projet le vulgarisateur a pour
objectif essentiel de "faire passer" de nouvelles techniques au paysan/e -- et
plantations.

Client Groups Served: Exploitations familiales de moindre importance, cultiva-
trices, jeunes cultivateurs (adultes) et programmes pour la jeunesse rurale.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
Agricultural Extension Agents/Assistants		80		80
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	8	2	10
Agricultural Information Unit		3		3
Totals:		91	2	93

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12</u> years	<u>BAC + 3 ans Ingenieur Technique Agricole</u>
Technical or Subject Matter Specialist	<u>10</u> years	<u>BEPC ou BAC</u>
Extension officer, agent or instructor	<u>8</u> years	<u>Brevet d'etude premier Cycle (BEPC)</u>
Village level worker Extension Assistant/helper	<u>6</u> years	<u>Certificat d'etude Primaire Elementaire (CEPE)</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Ministère de l'Education Populaire
B.P. 40
Libreville, Gabon

GAMBIA

Name and mailing address
of the national extension
organization

Department of Agriculture
Cape St. Mary, The Gambia

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1924

Financial support comes from the Ministry of Agriculture.

Program Objectives:

1. To improve nutrition standards in rural areas.
2. To eliminate bulk cereal imports.
3. To diversify rural cash income.
4. To achieve a 35% rate of growth in domestically consumed foodstuffs and 45% rate of growth in marketed export crop.

Client Groups Served: Agricultural producers, plus rural youth programs, home economics and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	43		43
Agricultural Extension Agents/Assistants	170	6	176
Rural Youth Extension Agents/Assistants	6	7	13
Agricultural Information Unit	7	2	9
Agricultural Demonstrators	300		300
Instructors	101		101
Totals:	627	15	642

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	154			157
Regional Level	43	46			89
District level			176		176
Village or Community level				401	401
Totals	46	200	176	401	823

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13</u> years	<u>B.Sc. in Agric. or Higher Diploma</u>
Technical or Subject Matter Specialist	<u>13</u> years	<u>B.Sc. in Agric. or Higher Diploma</u>
Extension officer, agent or instructor	<u>10-13</u> years	<u>Certificate in Agric. (general)</u>
Village level worker Extension Assistant/helper	<u>10</u> years	<u>Form 4 Secondary Technical</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Annual Report	English
Field Workers Magazine	English

GREECE

Name and mailing address
of the national extension
organization

Ministry of Agriculture
Programming and Agricultural Extension
Service
2, Aharnon Str.
Athens, Greece

Title of the officer to whom
inquiries should be addressed

Ministry of Agriculture Directorate of Extension Service

Extension organization was first organized in 1950

Financial support comes from the Ministry of Agriculture

Program Objectives: The general aims and objectives of extension work are:

1. To increase the agricultural productivity by promoting technical progress and the optional utilization of all production factors.
2. To help farm families and all farm population to improve living standards thereby to enable them to make the necessary adaptation to the changing society in which they live and work.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers and young adult farmers. Other extension programs are available in rural youth, home economics, nutrition, family planning, and child development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		199	37	236
Agricultural Extension Agents/Assistants		440	250	690
Rural Youth Extension Agents/Assistants		54	30	84
Home Economics Extension Agents/Assistants			199	199
Extension Specialists, Officers and/or Agents Who Specialize In:	Export/Cash Crop Programs	69		69
	Livestock Programs	71		71
Agricultural Information Unit		5	2	7
Social Econ. Consulers and RICA Advisers		67	9	76
Totals:		905	527	1,432

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	38	24			62
Provincial or State Level	36	46			82
District level	316	5			321
Subdistrict, County or Block level			71		71
Village or Community level			344	84	1,028
Totals	390	75	1,015	84	1,564

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Diploma</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>Master</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Diploma</u>
Village level worker Extension Assistant/helper	<u>15</u> years	<u>Diploma from Sup. Technical School</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level

Provincial or State

District or County

At the end of the year, Committees of the Directorates of Agriculture at district level set up an annual scheme of extension work according to the national and regional aims and objectives of Agriculture Development Program.

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Bulletins and leaflets of special subjects, and Agriculture monthly magazines. _____ Greek

GRENADA

Name and mailing address of the national extension organization

Extension Service
Ministry of Agriculture, Forestry and Fisheries
Botanic Gardens
St. George's Grenada, W.I.

Title of the officer to whom inquiries should be addressed

Chief Technical Officer (Extension)

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To encourage efficiency in the production of major export crops (cocoa, nutmegs, bananas) and to increase the range of crops exported.
2. To promote and encourage self-sufficiency in food crops, livestock products, and fisheries.
3. To promote internal and external marketing of locally produced foods.
4. Development of agro industries.
5. To introduce to the farming community up-to-date practices for efficient farming.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
Agricultural Extension Agents/Assistants		27	8	35
Rural Youth Extension Agents/Assistants		5		5
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	8	2	10
	Export/Cash Crop Programs	2		2
	Livestock Programs	10		10
	Fisheries Programs	6		6
Plant protection		1		1
Totals:		59	10	69

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	10			12
District level	5		14		19
Subdistrict, County or Block level			21		21
Totals	7	10	35		52

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13-15</u> years	<u>D.I.C.T.A or B.Sc. (Agric)</u>
Technical or Subject Matter Specialist	<u>12-15</u> years	<u>D.E.C.I.A.F (Trinidad)</u>
Extension officer, agent or instructor	<u>12-14</u> years	<u>D.I.S.A. (Jamaica) Diploma Guyana School of Agriculture</u>

GUADELOUPE (France)

Name and mailing address of the national extension organization

Chambre Departementale de L'agriculture
De la Guadeloupe
Basse-Terre, Guadeloupe

Title of the officer to whom inquiries should be addressed

Directeur

Extension organization was first organized in 1970

Financial support comes from Chambre de L'agriculture; Department-Fonds National de Development Agricole.

Program Objectives:

1. Atteindre le quotas de production pour les productions d'exploitation satisfaire les besoins du marché local par la diversification des productions.
2. Développer les groupements coopératifs.

Client Groups Served: Exploitations familiales de moindre importance, cultivatrices, jeunes cultivateurs (adultes), et autre groupements agricoles (cooperatives), et Syndicats.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	4		4
	Export/Cash Crop Programs	38		38
	Livestock Programs	10	1	11
Syndicats		3		3
Federation Gestion des Exploitation		2		2
Totals:		57	1	58

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
County level		11	4		15
Village or Community level				43	43
Totals		11	4	43	58

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ingénieur</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Technicien Supérieur</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Technicien Agricole</u>

GUATEMALA

Name and mailing address of the national extension organization

División Extensión y Adiestramiento Agrícolas
Dirección General Servicios Agrícolas, DIGESA
7a. Ave. 3-67, Zona 13. Guatemala, C. A.

Title of the officer to whom inquiries should be addressed

Jefe División Extensión y Adiestramiento Agrícolas

Extension organization was first organized in 1955

Financial support comes from the Ministry of Agriculture

Program Objectives: El objetivo de la Dirección General de Servicios Agrícolas, DIGESA, es llevar a conocimiento de los agricultores la tecnología y propósitos de la política general de desarrollo agrícola del Estado por medio de sus programas de educación, producción y servicios.

Client Groups Served: Pegueños agricultores de subsistencia, agricultoras (mujeres), agricultores - adultos jóvenes. Programas para la juventud rural, programas de economía domestica, y programas de nutricion.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	83		83
Agricultural Extension Agents/Assistants	254		254
Rural Youth Extension Agents/Assistants	75		75
Home Economics Extension Agents/Assistants		64	64
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs		
	Export/Cash Crop Programs	12	12
	Livestock Programs	40	40
	Fisheries Programs	8	8
Agricultural Information Unit	10		10
Irrigation	30		30
Soil Conservation	30		30
Totals:	542	64	606

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	20	60			80
Provincial or State Level					
District level	6	12			18
Subdistrict, County or Block level	60				60
Village or Community level			254	139	393
Totals	86	72	254	139	551

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	14 years	Perito Agrónomo ó Ing. Agrónomo
Technical or Subject Matter Specialist	14 years	Perito Agrónomo ó Ing. Agrónomo
Extension officer, agent or instructor	12 years	Perito Agrónomo
Village level worker Extension Assistant/helper	_____ years	Maestro ó Perito Agrónomo Educadora del Hogar

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Consejo Consultativo de DIGESA</u>
District or County	<u>Consejo Regional del Sector Público Agrícola</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Extensión Agrícola en Guatemala	Español

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: (see attached list)

Instituciones de Gobierno

1. Servicio Profesional Supervisado (S.P.A., Facultad de Agronomía y Facultad de Veterinaria y Zootecnia)*
2. Dirección General de Servicios Pecuarios (DIGESEPE)
3. Instituto Nacional Indigenista*
4. Instituto de Ciencia y Tecnología Agrícola (I.C.T.A.)
5. Instituto Nacional Forestal (INAFOR)
6. Dirección General de Servicios de Salud
7. Dirección de Desarrollo Socio-Educativo Rural
8. Departamento de Nutrición, Dirección General de Servicios de Salud*

Instituciones Privadas

1. Asociación Nacional de Anacafé
2. Asociación Nacional de Algodoneros
3. Asociación Nacional de Ganaderos
4. Dirección General de Desarrollo de la Comunidad
5. Fundación del Centavo*
6. Servicio Mundial de Iglesias
7. Vecinos Mundiales
8. Instituto Tecnológico de Capacitación (INTECAP)
9. Movimiento Guatemalteco de Reconstrucción Rural*
10. Centro de Adiestramiento para Promotores Sociales Universidad Rafael Landívar
11. Cuerpo de Paz*

*Trabajan en un Area geográfica determinada, no cubren todo el país.

GUINEA .

Name and mailing address
of the national extension
organization

Direction Generale de l'Agriculture
Ministère de l'Agriculture des Eaux et Forests
et FAPA
B.P. 576 Conakry, R.P.R. GUINEE

Title of the officer to whom
inquiries should be addressed

Directeur

Extension organization was first organized in 1976*

Financial support comes from the Ministère du Plan et de la Statistique

Program Objectives: Les objectifs visent la qualification du monde rural Guinéen par l'application des techniques culturelles modernes appropriées en vue d'élever le niveau de vie dans les villes et dans les campagnes.

Client Groups Served: Exploitations familiales de moindre importance, fermes agro-pastorales d'Arrondissement (FAPA), fermes agro-communales (F.A.C.) et centres de promotion féminine (C.P.F.)

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2				2
Commissariat général de la Révolution	7				7
Région Administrative	33				33
Arrondissement			312		312
Pouvoir Révolutionnaire Local			2,400		2,400
Totals	42		2,712		2,754

*Avant cette date, il existait un système de vulgarisation intégré aux services de l'agriculture.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Memoire de fin d'etudes Superieures</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Ingenieur</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Controleur Technique Agricole (C.T.A.)</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Moniteur</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Conférences nationales des cadres du development rural</u>
District or County	<u>Conferences Régionales</u>
Village or Community	<u>Assembleés générales des Pouvoirs Revolutionnaires locaux (PRL)</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Centres de Promotion feminine.

Ministère des Affaires Sociales, Conakry, Guinea

GUYANA

Name and mailing address of the national extension organization

Extension and Education Division
Central Agricultural Station
Mon Repos, Guyana

Title of the officer to whom inquiries should be addressed

Principal Agricultural Officer

Extension organization was first organized in 1920

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To increase the production and productivity of farmers.
2. To improve the living conditions of the farm families.
3. Transference of modern technology to the farmers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, rural youth programs and cooperatives

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	14	9	11	34	68
District level	11		11	34	56
Totals	25	9	22	68	124

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>University Degree</u>
Technical or Subject Matter Specialist	<u>13</u> years	<u>Diploma in Livestock Science</u>
Extension officer, agent or instructor	<u>15</u> years	<u>University Degree</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Diploma in Agriculture</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Extension Program of Work. Special Projects.	English

HAITI*

Name and mailing address of the national extension organization

Service de Production et de Vulgarisation
Agricoles
Ministry of Agriculture
Damien-Port-au-Prince, HAITI

Title of the officer to whom inquiries should be addressed

Le Directeur

Extension organization was first organized in 1935

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Increase the income of farmers.
2. Raise the level of living.
3. Bring about a better understanding between urban and rural people.

Client Groups Served: Producers of maize, peas, legumes, poultry and pigs.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level		6			6
District level		48	170		218
Totals		54	170		224

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	16 years	Agronomist
Technical or Subject Matter Specialist	16 years	Agronomist
Extension officer, agent or instructor	12 years	Technician

*1975 Data

HONDURAS

Name and mailing address of the national extension organization

Programa de Extension Agricola
Secretaria de Recursos Nacionales
Tegucigalpa, Honduras, C.A.

Title of the officer to whom inquiries should be addressed

Jefe Nacional de Extension

Extension organization was first organized in 1951

Financial support comes from the Ministerio de Agricultura.

Program Objectives:

1. Promover el desarrollo integral de la familia rural.
2. Promover el aumento de la producción y productividad de granos básicos.
3. Fomentar la producción diversificada de cultivos y rubros pecuarios.
4. Orientar las actividades del programa como apoyo al sector reformado y productor individual, pequeños y medianos.
5. Tal como al hombre, considerar a la juventud y la mujer campesina como parte integral de los esquemas de extensión agropecuaria.
6. Lograr la capacitación integral del agente de extensión agrícola.

Client Groups Served: Pequeños agricultores de subsistencia, agricultoras (mujeres), agricultores - adultos jóvenes, y programas para la juventud rural, programas de nutrición y programas de economía doméstica.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		53	4	57
Agricultural Extension Agents/Assistants		180	2	182
Rural Youth Extension Agents/Assistants		35	1	36
Home Economics Extension Agents/Assistants			53	53
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	20		20
	Export/Cash Crop Programs	18		18
	Livestock Programs	12		12
Agricultural Information Unit		18	3	21
Totals:		336	63	399

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	23				23
District level	18	68			86
Subdistrict, County or Block level	12				12
Village or Community level	7		271		278
Totals	60	68	271		399

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14</u> years	<u>Agrónomo o Ingeniero Agrónomo</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>Ing. Agrónomo M.S.</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Bachiller agricola</u>
Village level worker Extension Assistant/helper	<u>6</u> years	<u>Primaria</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Comité Nacional Interinstitucional</u>
District or County	<u>Comité Agrícola Regional</u>
Village or Community	<u>Comittes Agrícolas Locales</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Various technical publications	Spanish

ICELAND

Name and mailing address
of the national extension
organization

The Agricultural Society of Iceland,
Baendahollin
P.O. Box 7080
Reyhjavik, Iceland

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1899

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Strengthen farmers organization;
2. Exert its influence on agricultural legislation;
3. Provide advisory services and to encourage improved techniques and research;
4. Act as a council to the government on agricultural policy and rural progress;
5. Perform administrative duties in accordance with decisions of the ALTHING (Parliament) and government; and,
6. The publication of agricultural materials (farming journal handbook, etc.).

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		6		6
Agricultural Extension Agents/Assistants		40		40
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	5		5
	Livestock Programs	6		6
Totals:		57		57

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	6	11			17
District level			40		40
Totals	6	11	40		57

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc.</u>
Extension officer, agent or instructor	<u>14</u> years	<u>B.Sc.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>(Exec.)</u>	<u>Agricultural Society of Iceland</u>
National level	<u>(Rep.)</u>	<u>Agricultural Council (25 representatives)</u>
District level		<u>District Associations (15 districts)</u>
Parish		<u>Local Agricultural Society (204)</u>

INDIA*

Name and mailing address
of the national extension
organization

Directorate of Extension
Department of Agriculture
Ministry of Agriculture and Irrigation
Shastri Bhavan, New Delhi
INDIA

Title of the officer to whom
inquiries should be addressed

Joint Commissioner (Extension and Training)

Extension organization was first organized in 1952

Financial support comes from the Department of Agriculture (primarily from the government of India and state government). Some projects are also partly financed by foreign agencies.

Program Objectives:

The primary purpose of agricultural extension is to improve the economic status of farmers by increasing agricultural production. Specific objectives of the organization are:

1. To provide guidance, support and assistance to States and Union Territories and Voluntary Agencies on various aspects of extension training and information communication so as to change the attitude of people through the process of education for higher production and well being of the people.
2. To educate and train the farmers in the adoption of modern methods of agriculture and animal husbandry for crops and livestock production with a view to increasing production.
3. To provide opportunities to develop local and voluntary leadership among the farmers, farm women and farm youth.
4. To extend farm communication support regarding technological developments in the field of agriculture, animal husbandry and allied sciences.
5. To assess and coordinate the availability of various inputs that are required for agricultural production.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Village Level Workers	Totals (approx.)
National level	30	50			80
State Level	500*	8-10/State (200) 2-3/Un. Terr (25)			725
District level	2,000	4-5/district (1,620)			3,620
Block level	5,092 (1/block)		16,052 (2-5/block) + 1,992 lady ext. offs.		23,136
Village level				65,711 (1-2/10 vills.) + 6,123 lady VLWs	71,834
Totals (approx.)	7,622	1,895	18,044	71,834	99,395

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14-16</u> years	<u>B.S. degree/post graduate</u>
Technical or Subject Matter Specialist	<u>14-18</u> years	<u>Graduates, post graduate or allied sciences</u>
Extension officer, agent or instructor	<u>14-16</u> years	<u>Graduate in Agri./Animal Husbandry</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Matriculation plus 2 years preservice training</u>

IRAQ*

Name and mailing address
of the national extension
organization

General Directorate of Agricultural Extension
AL - Yermook - Baghdad
Republic of IRAQ

Title of the officer to whom
inquiries should be addressed

Director General of Agricultural Extension

Extension organization was first organized in 1936 as a section; 1946 as a Division;
1968 as a General Directorate.

Program Objectives:

1. To change the skills, behavior and attitudes of rural families.
2. To increase and improve agricultural production.

Client Groups Served: Producers of wheat, rice, cotton, corn, potatoes, oilseeds,
poultry and calves (fattening), honey bees, food industries.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	70	30	6	6	112
Provincial or State Level	32	128			160
District level		110			110
Subdistrict, County or Block level			502	201	703
Totals	102	268	508	207	1,085

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	18 years	B.Sc.
Technical or Subject Matter Specialist	18 years	B.Sc.
Extension officer, agent or instructor	16 years	B.Sc.
Village level worker Extension Assistant/helper	9-12 years	High school or Intermediate school

*1975 Data

IRELAND

Name and mailing address of the national extension organization

An Chomhairle Oiliuna Talmhaiochta (ACOT)*
Council for Development in Agriculture
39, Northumberland Road
Dublin 4, Ireland
(* see page 2)

Title of the officer to whom inquiries should be addressed

The Director of Development

Extension organization was first organized in 1900* (see p. 2)

Financial support comes from the Department of Agriculture and 27 County Councils

Program Objectives: ACOT is a national autonomous body with responsibility for development in agriculture through the provision of agricultural education, training and advices. The aim is to improve the economic and social conditions of those engaged in the agricultural industry as a whole. This will be achieved by equipping them to use existing knowledge and research findings in the development of their resources and to adjust to changes in the agricultural and rural environment.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, rural youth programs, home economics and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/Supervisory Officers		117	7	124
Agricultural Extension Agents/Assistants		514	30	544
Home Economics Extension Agents/Assistants			84	84
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	9		9
	Export/Cash Crop Programs	9		9
	Livestock and Poultry Programs	36	2	38
	Farm Home Management		4	4
Agricultural Information Unit		1		1
Totals:		686	127	813

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	20				20
Provincial or State Level	20	60			80
Subdistrict, County or Block level	84		629		713
Totals	124	60	629		813

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc. in Agric. Science</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>M.Sc. in Agric. Science</u>
Extension officer, agent or instructor	<u>17</u> years	<u>B.Sc. in Agric. Science, or Diploma in Farm Home Mgt., or Poultry Keeping</u>
Village level worker Extension Assistant/helper	<u>15</u> years	<u>Certificate in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>The Board of ACOT</u>
Regional	<u>The Regional Planning Committee</u>
County	<u>The County Committee of Agriculture</u>
District	<u>The District Planning Committee</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
<u>ACOT, Council for Development in Agriculture</u>	English

*ACOT was established under the Agriculture Acts 1977 and 1979 and came into operation on January 1, 1980. While it is a new organisation it integrates and further develops and expands the work previously carried out by the 27 County Committees of Agriculture and by the agricultural advisory information and education Sections of the Department of Agriculture including the State-aided private Agricultural Colleges and the Colleges of Rural Home Economics.

ISRAEL*

Name and mailing address of the national extension organization

Agricultural Extension Service
Ministry of Agriculture
P.O.B. 7054, Hakiryia, Tel-Aviv, ISRAEL

Title of the officer to whom inquiries should be addressed

Director of Extension Service

Extension organization was first organized in 1965

Financial support comes from the Ministry of Agriculture, and some participation of local councils in services offered.

Program Objectives:

1. To raise the level of living and increase the income of all farmers.
2. To promote the development of Israeli agriculture by making most efficient and effective use of our extremely limited resources (water, land, capital, manpower).
3. To increase agricultural exports and foreign money-saving crops.

Client Groups Served: Producers of citrus, dairy, vegetables, poultry, flowers, and service branches (irrigation and farm management).

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	40	60	50		150
District level	20		350		370
Totals	60	60	400		520

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12-17</u> years	High school or B.Sc. in administration, M.Sc. for dept. heads
Technical or Subject Matter Specialist	<u>16-17</u> years	B.Sc. or M.Sc. in Agriculture, economics, engineering
Extension officer, agent or instructor	<u>14-17</u> years	At least technician's certificate, preferably B.Sc. or M.Sc. in Ag.

JAPAN (Agriculture)

Name and mailing address of the national extension organization Extension Department, Agricultural Production Bureau
Ministry of Agriculture, Forestry and Fisheries
1-2-1 Kasumigaseki
Chiyodo-Ku, Tokyo
JAPAN

Title of the officer to whom inquiries should be addressed Director, Extension and Education Division,
Extension Department

Extension organization was first organized in 1948

Financial support comes from the Ministry of Agriculture and Prefectural Governments.

Program Objectives: To help farmers acquire and exchange useful and practical knowledge related to agriculture, in order to promote efficient farming practices, increase agricultural production and to improve the living conditions of farm households.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and rural youth. They also have extension programs in home economics, nutrition, family planning, child development and rural development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/Supervisory Officers		615	84	700
Agricultural Extension Agents/Assistants		9,589	410	9,999
Home Economics Extension Agents/Assistants		1	2,081	2,082
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	106		106
	Export/Cash Crop Programs	191		191
	Livestock Programs	76		76
	Other Programs	293	175	468
Totals:		10,871	2,751	13,622

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	61	10			71
Provincial or State Level	639	831			1,470
District level			11,639	442	
Totals	700	841	11,639	442	13,622

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	14-16 years	pass the national and prefectural examination
Technical or Subject Matter Specialist	14-16 years	pass qualifying examination for subject matter*
Extension officer, agent or instructor	14-16 years	pass qualifying examination for extension officers**
Village level worker Extension Assistant/helper	12 years	

* Administered by the Ministry of Agriculture, Forestry and Fisheries.

** Administered by the Prefectural Governments.

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County _____

Agricultural Extension Council

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Agricultural Extension Services in Japan _____ English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

- | | |
|---|--|
| 1. Resources Division
Research Department
Fisheries Agency MAFF
1-2-1 Kasumigaseki
Chiyoda, Tokyo | 2. Education Department
National Federation of Agricultural
Cooperative Societies
(Zenkoku Nogyo Kyodo Kumiai)
Chu-oh-kai
1-8-3 Otemachi
Chiyoda-Ku, Tokyo |
|---|--|

JAPAN (Forestry)

Name and mailing address of the national extension organization

Research and Extension Division, Forestry
Agency
Ministry of Agriculture, Forestry and Fisheries
1-2-1 Kasumigaseki Chiyoda-Ku
Tokyo, Japan

Title of the officer to whom inquiries should be addressed

Assistant Director in Charge of Extension
and Education

Extension organization was first organized in 1949

Financial support comes from the Ministry of Agriculture

Program Objectives: To develop forestry technology and extension systems and to implement various programs which will enhance diversification and the improvement of forest management, the following activities have been identified by our agency to accomplish the overall objective of improving forestry technology and to rationalize forest management:

1. Proper staffing of extension officers.
2. Improvement of the quality of extension officers.
3. Utilization of the results of forestry experiments and researches.
4. Securing and training of forestry successors

Client Groups Served: Since two-thirds of Japan's forest areas are in private forests, the extension division serves forest owners, forest managers, foresters and all types of forest workers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	26	2	28
Agricultural Extension Agents/Assistants	2,234		2,234
Extension Specialists in Forestry	444		444
Totals:	2,704	2	2,706

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	9		17	28
Provincial or State Level	47	397			444
Subdistrict, County or Block level		380	1,854		2,234
Totals	49	786	1,854	17	2,706

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Technical or Subject Matter Specialist	<u>15</u> years	High School Diploma; 14 yrs. exp. B.Sc. in ag; 7 yrs. of exp.
Extension officer, agent or instructor	<u>13</u> years	High School Diploma; 4 yrs. exp. B.Sc. in Agriculture

Written material describing current extension programs:

Title of the publication(s): language(s)

Outline of Research and Extension Project English

There are many publications in Japanese

JORDAN

Name and mailing address
of the national extension
organization

Extension Division
Department of Agricultural Research
and Extension
Ministry of Agriculture
P.O. Box 226
Amman, Jordan

Title of the officer to whom
inquiries should be addressed

Director, Extension Division

Extension organization was first organized in 1954

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Train farmers to identify their farming problems.
2. Train farmers to use modern farming practices.
3. Train farmers to solve their farming problems.
4. Introduction of new crop varieties and breeds of livestock.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers,
and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		80		80
Agricultural Extension Agents/Assistants		90		90
Extension Officers Who Specialize In:	Export Programs	18		18
Totals:		188		188

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	8	6			14
Provincial or State Level	60	24	90		174
Totals	68	30	90		188

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position.</u>
*Administrative or Supervisory officer	<u>*12-16</u> years	<u>B.Sc. or *General Secondary Certificate</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. or M.Sc.</u>
Extension officer, agent or instructor	<u>14-16</u> years	<u>Diploma or B.Sc.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level National Committee

Provincial or State Provincial Committee

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Jordanian Cooperative Union
2. Federation of Jordan Valley Farmers

KOREA

Name and mailing address of the national extension organization

Guidance Bureau
Office of Rural Development
Suweon 170, Korea

Title of the officer to whom inquiries should be addressed

Chief of Guidance Planning Division

Extension organization was first organized in 1957

Financial support comes from the Economic Planning Board and the Ministry of Agricultures and Fisheries

Program Objectives:

1. Introduction of new farming techniques.
2. Improvement of rural life.
3. Farmer's training.
4. Fostering of farmer's organization to increase the effect of both extension and cooperative farming.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and rural youth. They also have programs in home economics, nutrition, family planning and child development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		402	5	407
Agricultural Extension Agents/Assistants		4,651		4,651
Rural Youth Extension Agents/Assistants		193	1	194
Home Economics Extension Agents/Assistants		2	342	344
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	528		528
	Export/Cash Crop Programs	199		199
	Livestock Programs	190		190
Agricultural Information Unit		167		167
Specialized Agents		968		968
Totals:		7,300	348	7,648

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	51	53			104
Provincial or State Level	43	183			226
Subdistrict, County/ or Block level	313	2,354			2,667
Village or Community level			4,651		4,651
Totals	407	2,590	4,651		7,648

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.S. degree desirable</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.S. degree desirable</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Junior College Graduate</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Agricultural High School graduate</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Rural Development Program	English
An Introduction to the Rural Development Program	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Research and extension work on Tobacco and Ginseng are dealt with by the Office of Monopoly in Korea.

KUWAIT*

Name and mailing address of the national extension organization

Agriculture Extension Section
Department of Agriculture, Ministry of
Public Works
KUWAIT

Title of the officer to whom inquiries should be addressed

Head

Extension organization was first organized in 1961

Financial support comes from the Ministry of Public Works

Program Objectives: Introduce new ideas and recommendations in different fields of agriculture, to improve the methods, practices and production.

Client Groups Served: Producers of alfalfa, vegetables, and windbreaks, gardeners, as well as dairy and poultry husbanders.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	1	5	3	10

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Total years of formal education (ave.)

16 years

Type of diploma, degree or certificate generally needed for this type of position

B.Sc.

Technical or Subject Matter Specialist

14 years

Agricultural Diploma

Extension officer, agent or instructor

12 years

High School Certificate

Village level worker
Extension Assistant/helper

8 years

Intermediate School

LAOS*

Name and mailing address of the national extension organization

Agricultural Extension Service
Department of Agriculture
B.P. 813
Ave. Lane Xang
Vientiane, LAOS

Title of the officer to whom inquiries should be addressed

Director of Extension Service

Extension organization was first organized in 1957

Financial support comes from the Department of Agriculture

Program Objectives:

Assist in rural economic development by:

1. Increasing rice, other crops and livestock production.
2. Promoting farmer group action.
3. Motivating the rural families to improve nutrition, hygiene and household management.

Client Groups Served: Producers of rice, corn, soybeans, peanuts, cotton, coffee, pigs and chickens.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	8	5	2		15
Provincial or State Level			44		44
District level			77		77
Subdistrict, County or Block level			21		21
Totals	8	5	144		157

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.S. degree</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>B.S. degree</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Associate degree</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Vocational High School</u>

LEBANON*

Name and mailing address of the national extension organization

Agricultural Extension Service
Ministry of Agriculture
Beirut, Lebanon

Title of the officer to whom inquiries should be addressed

Director

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To plan and execute the extension program.
2. To train farmers on improved practices in agriculture.

Client Groups Served: Producers of wheat, olives, apples, citrus, and grapes.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	5	5		13
District level	4	12	4		20
Subdistrict, County or Block level			41		41
Totals	7	17	50		74

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	16 years	B.S., M.S. or Ph.D. in Agriculture
Technical or Subject Matter Specialist	16 years	B.S., M.S. or Ph.D. in Agriculture
Extension officer, agent or instructor	_____ years	Agr. High School level

*1975 Data

LESOTHO*

Name and mailing address of the national extension organization

Ministry of Agriculture
P.O. Box 24
Maseru, LESOTHO

Title of the officer to whom inquiries should be addressed

Deputy Permanent Secretary

Extension organization was first organized in 1948

Financial support comes from the Ministry of Agriculture and international donors

Program Objectives:

1. Subsistence in basic cereals, meat, milk and vegetables.
2. Export of wool and mohair.
3. Development of rural people and their organizations.

Client Groups Served: Producers of maize, sorghum, wheat, beef, mohair and wool.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	3			4
District level	18	22			40
Village or Community level			254		254
Totals	19	25	254		298

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. degree</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. degree</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Diploma</u>
Village level worker or Extension Assistant/helper	<u>11</u> years	<u>Certificate</u>

LIBERIA

Name and mailing address of the national extension organization

Regional Development Bureau
Ministry of Agriculture
Monrovia, Liberia, W.A.

Title of the officer to whom inquiries should be addressed

Assistant Minister for Regional Development and Extension

Extension organization was first organized in 1960

Financial support comes from the Ministry of Agriculture

Program Objectives: (a) Get information and assistance to farmers; (b) Stimulate increased productivity; (c) Build linkage between Ministry of Agriculture and the farmers; (d) Serve needs of subsistence, mid-level and commercial farmers; (e) Insure appropriate technical packages for extension.

Client Groups Served: Large commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, and rural youth programs. They also have home economics, nutrition, and family planning/child development programs.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3				3
Territorial	6	24	6		36
District level	52	156			208
County level	9	36	9	9	63
Village or Community level			416		416
Totals	70	216	431	9	726

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>M.Sc</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>M.Sc</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>High School Diploma</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Ministry of Education, R.L. (Home Economics),
Republic of Liberia

Ministry of Labor, Youth & Sports, (Rural youth)
Republic of Liberia

Liberia Produce Marketing Corporations for oil palm, coconut, coffee, cacao).

MALAWI

Name and mailing address
of the national extension
organization

Department of Agricultural Development
P.O. Box 30134
Capital City
Lilongwe, Malawi

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Development Officer

Extension organization was first organized in 1977

Financial support comes from the Ministry of Agriculture and Technical Assistance through government channels from several donor agencies.

Program Objectives:

- a. To ensure the maintenance of Malawi's agricultural potential for future generations through improved crop, animal and land husbandry practices.
- b. To increase Malawi's smallholder production of maize in order to ensure self sufficiency in food requirements for both the rural and growing urban population.
- c. To increase smallholder production of minor and major cash crops required for exports and Malawi's agro-industries.
- d. To increase production of livestock and livestock products for the supply of animal protein requirement for the total population.
- e. To increase nutrition status of rural population.

Client Groups Served: Ten integrated agricultural rural development projects are being implemented.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	15				15
Provincial or State Level (A.D.D.)* ¹	12	103* ²			115
District level (Project)	46	30			76
Subdistrict, County or Block level (Area)	96				96
Village or Community level				1,580	1,580
Totals	169	133		1,580	1,882

*1 -- Agricultural Development Division.

*2 -- Officers

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-17</u> years	<u>B.Sc. (Agriculture)</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Diploma</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Diploma</u>
Village level worker Extension Assistant/helper	<u>12-14</u> years	<u>Certificate</u>

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Written material describing or evaluating the projects, project guidelines, and progress report.

MALAYSIA--Peninsular

Name and mailing address of the national extension organization

Extension Branch, Department of Agriculture
Wisma Tani, Swettenham Road
Kuala Lumpur, 10-02,
Malaysia

Title of the officer to whom inquiries should be addressed

Director of Extension

Extension organization was first organized in 1905

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To increase and improve the knowledge, skills and managerial competency of the farmers, enabling them to increase agricultural production, farm more efficiently, and increase their incomes.
2. To place opportunities before the rural people so that they can develop their talents through work, social life, leadership, and recreation for the betterment of their families and their community.
3. Increasing the aptitude and competency of rural adults and youth to assure leadership community responsibilities effectively.
4. Building a rural community proud of its occupation, independent in its thinking, constructive in its outlook, capable and efficient in its action and self reliant in its approach.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers and rural youth programs are also available in home economics and nutrition.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		41	4	45
Agricultural and Rural Youth Extension Agents		747	371	1,118
Home Economics Extension Agents/Assistants			88	88
Extension Specialists, Officers and/or Agents Who Specialize In:	Food and Export Crop Programs	78	5	83
Agricultural Information Unit		50	10	60
Totals:		916	478	1,394

MALAYSIA -- RISDA

Name and mailing address of the national extension organization

Rubber Industry Smallholders Development Authority (RISDA)
RISDA Complex
P.O. Box 1067, Ampang Road
Kuala Lumpur, Malaysia

Title of the officer to whom inquiries should be addressed

Director of Modernisation Division

Extension organization was first organized in 1973

Financial support comes from government of Malaysia and CESS

Program Objectives: To increase the social economic standard of rubber smallholders through: (a) rubber replanting, (b) maximizing land use, and (c) establishing economic projects and cooperatives.

Client Groups Served: Rubber smallholders (having below 100 acres), plus programs for rural youth, as well as home economics, nutrition, family planning, and child development programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals	
General Administrative/ Supervisory Officers	61	15	76	
Agricultural Extension Agents/Assistants	1,466	12	1,478	
Rural Youth Extension Agents/Assistants	649	30	679	
Home Economics Extension Agents/Assistants		113	113	
Extension Specialists, Officers and/or Agents Who Specialize In:	Export/Cash Crop Programs	4	1	5
	Livestock Programs	1		1
Agricultural Information Unit	2	1	3	
Totals:	2,183	172	2,355	

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	65	122	56	45	288
Provincial or State Level	11	71	120	1,083	1,285
District level				284	284
Village or Community level				679	679
Totals	76	193	176	2,091	2,536

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Degree</u>
Technical or Subject Matter Specialist	<u>14</u> years	<u>Diploma</u>
Extension officer, agent or instructor	<u>11</u> years	<u>Malaysian Certificate of Educ.</u>
Village level worker Extension Assistant/helper	<u>6</u> years	<u>Standard 6</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: (See attached list)

1. Ketua Pengarah
Lembaga Pertubuhan Peladang (LPP)
Block B, Tingkat 2
Jalan Dungun, Damansara Heights
Kuala Lumpur
2. Pengurus Besar
Bank Pertanian Malaysia
Jalan Lebuhr Pasar Besar
Kuala Lumpur
3. Ketua Pengarah
Institut Penyelidikan dan Kemajuan Malaysia (MARDI)
Beg Berkunci 202
Pejabat Pos U.P.M.
Serdang
Selangor
4. Ibu Pejabat FELCRA
Tingkat 1, Wisma MISC
Jalan Conlay, Peti Surat 2254
Kuala Lumpur
5. Pengarah
Pusat Penyelidikan Getah Malaysia
Peti Surat 105
Jalan Ampang
Kuala Lumpur
6. Pengurus Besar FELDA
Jalan Maktab
Kuala Lumpur 15-02
7. University Pertanian Malaysia
Serdang, Selangor
Malaysia
8. KEMAS
Bahagian Kemajuan Masyarakat
Kementerian Pertanian Malaysia
Jalan Swettenham
Kuala Lumpur
9. Jabatan Pertanian
Jalan Swettenham
Kuala Lumpur

Name and mailing address of the national extension organization

Department of Agriculture
Kota Kinabalu
Sabah, East Malaysia

Title of the officer to whom inquiries should be addressed

Associate Director Extension

Extension organization was first organized in 1959

Financial support comes from the Ministry of Agriculture

Program Objectives: Increase crop acreage and production; improve production technology; diversify crop production; commercialization of farming; farmers association formation; home improvement, nutrition, family planning and care and hand craft.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers rural youth programs, home economics programs, nutrition programs, family planning, child development programs and farmers association.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	86	17	103
Agricultural Extension Agents/Assistants	170		170
Home Economics Extension Agents/Assistants		53	53
Agricultural Information Unit	2		2
Farmer's Association	36	4	40
Totals:	294	74	368

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	2		1		3
District level	32		16		48
Subdistrict, County or Block level	69			43	112
Village or Community level				203	203
Totals	103		17	246	366

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc. (Agr.)</u>
Extension officer, agent or instructor	<u>17</u> years	<u>B.Sc. (Agr.)</u>
Village level worker Extension Assistant/helper	<u>9</u> years	<u>Certificate of Agriculture</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Department of Veterinary Science and Animal Husbandry
Kota Kinabalu
Sabah Malaysia
Attn. The Director

Sabah Padi Board
2nd Floor, PWD Building
Jalan Sembulan
P.O. Box 1482
Kota Kinabalu
Sabah, Malaysia
Attn. General Manager

Rubber Fund Board
Bangunan Wisma Sabah
P.O. Box 361
Kota Kinabalu
Sabah, Malaysia
Attn. General Manager

Rural Development Corporation (KPD)
SEDCO Complex
Block D., Lot 14
Jalan Laiman Diki
P.O. Box 1501
Kota Kinabalu
Sabah Malaysia
Attn. General Manager

Department of Fisheries
Kota Kinabalu
Sabah Malaysia
Attn. The Director

MALAYSIA-SARAWAK

Name and mailing address
of the national extension
organization

National Extension Project
Department of Agriculture
Sarawak, East Malaysia

Title of the officer to whom
inquiries should be addressed

Director of Agriculture

Extension organization was first organized in 1955

Financial support comes from the Ministry of Agriculture

Program Objectives: To improve the economic status and social conditions of farmers through diversification; the provision of subsidized farm inputs, coupled with advisory services on sound farm management practices and the adoption of appropriate technology.

Client Groups Served: Smaller subsistence farmers, women farmers, young adult farmers and rural youth. They also have extension programs in home economics, nutrition, and family planning and child development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		49	6	55
Agricultural Extension Agents/Assistants		229		229
Rural Youth Extension Agents/Assistants		20	10	30
Home Economics Extension Agents/Assistants			130	130
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Livestock Programs	30		30
	Fisheries Programs	26		26
Agricultural Information Unit		6	2	8
Totals:		360	148	508

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	8	6	2		16
Provincial or State Level	13	26		14	53
District level	28			100	128
Subdistrict, County or Block level				311	311
Totals	49	32	2	425	508

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.S. Degree in Agricultural Science</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>B.S. Degree in Agricultural and Relevant Sciences</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diploma in Agriculture</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Certificate (Farm V)</u>

MALDIVES

Name and mailing address of the national extension organization

Agricultural Extension Service
Ministry of Agriculture
Male, Republic of Maldives

Title of the officer to whom inquiries should be addressed

Under-secretary

Extension organization was first organized in 1968

Financial support comes from the Ministry of Agriculture and F.A.O./UNDP

Program Objectives:

1. To improve agricultural practice.
2. To train farmers.
3. To improve nutrition in rural islands.

Client Groups Served: Small subsistence and women farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2	2	4
Agricultural Extension Agents/Assistants	6		6
Agricultural Information Unit	1	1	2
Totals:	9	3	12

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	3	6		13
Totals	4	3	6		13

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Extension officer, agent or instructor	5 years	High School

MALTA*

Name and mailing address of the national extension organization

Department of Agriculture and Fisheries
Scots Street
Valletta, MALTA

Title of the officer to whom inquiries should be addressed

Director of Agriculture

Extension organization was first organized in 1950's

Financial support comes from the Department of Agriculture

Program Objectives:

1. To improve agricultural techniques in Malta and Gozo.
2. To prevent further fragmentation of farmland.
3. Induce farmers to stay on the land.
4. Improve local herds and control brucellosis.
5. Produce high value vegetable crops out of season.

Client Groups Served: Producers of potatoes, onions, vines, winter tomatoes, flowers for export, milk producers from Friesian cows, sheep projects as well as chicken and rabbits projects.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	15	20		39
Totals	4	15	20		39

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Technical or Subject Matter Specialist

Extension officer, agent or instructor

Type of diploma, degree or certificate generally needed for this type of position

Degree standard and beyond

Degree standard and beyond

Diplomas, certificate from U.K. Agricultural College

*1975 Data

Name and mailing address
of the national extension
organization

Extension Service Division
Ministry of Agriculture and Natural Resources
Reduit, Mauritius

Title of the officer to whom
inquiries should be addressed

Divisional and Scientific Officer

Extension organization was first organized in 1953

Financial support comes from the Ministry of Agriculture

Program Objectives: To improve production, productivity of sugarcane, food crops, tea, and livestock farmers through technical advice; to foster interest in agriculture among rural youth.

Client Groups Served: Young (adult) farmers, rural youth and small commercial farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	11	1	12
Agricultural Extension Agents/Assistants	56		56
Rural Youth Extension Agents/Assistants	3		3
Agricultural Information Unit	2		2
Pest Control Unit		1	1
Audio Visual Unit	2		2
Totals:	74	2	76

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	2	8		15
Subdistrict, County or Block level	7		26	30	63
Totals	12	2	34	30	78

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Degree or Diploma</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>Degree</u>
Extension officer, agent or instructor	<u>16</u> years	<u>Diploma</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Secondary School Certificate</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Services, Organization Hand Book (1979) Min. of Agriculture N,R & Env., Mauritius	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Tobacco Branch
Ministry of Agriculture, N.R. & Env.
P. Louis, Mauritius

MEXICO*

Name and mailing address
of the national extension
organization

Dirección General de Extensión Agrícola
Chapingo, Edo. de Mexico
MEXICO

Title of the officer to whom
inquiries should be addressed

El Director General

Extension organization was first organized in 1953

Financial support comes from the Secretaria de Agricultura y Ganaderia et
Cooperative Services

Program Objectives:

1. To raise the level of rural families.
2. To advise the producer on ways to increase yields.
3. To assist the housewife on home economics.
4. To assist the rural youth.
5. To improve the community.

Client Groups Served: Producers of corn, beans, wheat, rice, cotton, soybeans,
as well as farmers concerned with horticulture, fruiticulture and grass.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	40	24			64
Provincial or State Level	33	70			103
Subdistrict, County or Block level			1,424		1,424
Village or Community level				503	503
Totals	73	94	1,424	503	2,094

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17-21</u> years	<u>Ing. Agr., M.S. degree, Ph.D.</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>M.S. degree</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Ing. Agr.</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u></u>

MONTSERRAT

Name and mailing address
of the national extension
organization

Department of Agriculture
Grove, Plymouth
Montserrat, West Indies

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1946

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Dissemination of knowledge to the farming community
2. Assist with identification of disease in crops and livestock.
3. Assist in overall rural development planning and implementation.

Client Groups Served: Larger commercial farmers, small subsistence farmers,
young (adult) farmers, women farmers and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		2		2
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	6		6
	Livestock Programs	2		2
Agricultural Information Unit		2		2
Totals:		12		12

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	<u>Supporting Personnel</u>		<u>"Change Agents"</u>		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	4	4	2	12
Totals	2	4	4	2	12

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	_____ years	<u>B.Sc. or M.Sc.</u>
Technical or Subject Matter Specialist	_____ years	<u>B.Sc. or B.A.</u>
Extension officer, agent or instructor	_____ years	<u>Diploma in Agriculture</u>
Village level worker Extension Assistant/helper	_____ years	<u>Diploma in Animal Health</u>

Name and mailing address of the national extension organization Department for Agriculture and Forestry
P/S 2005
Khorixas, Namibia, South Africa 9000

Title of the officer to whom inquiries should be addressed Director

Extension organization was first organized in 1970

Financial support comes from the Ministry of Agriculture

Program Objectives: The improvement of cattle farming, goat farming, sheep farming, farm planning, and pasture control.

Client Groups Served: Large commercial farmers, smaller subsistence farmers, women farmers, as well as extension programs for family planning and child development (Health Department).

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2		2
Agricultural Extension Agents/Assistants	7		7
Extension Specialists, Officers and/or Agents Who Specialize In:			
	Food Crop Programs	1	1
	Livestock Programs	5	5
Agricultural Information Unit	1		1
Totals:	16		16

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
District level	2	2	4	1	9
Subdistrict, County or Block level		2	3	2	7
Totals	2	4	7	3	16

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14</u> years	<u>2-3 years Agric. Diploma or Degree</u>
Technical or Subject Matter Specialist	<u>12</u> years	<u>2-3 years Agric. Diploma</u>
Extension officer, agent or instructor	<u>12</u> years	<u>1-2 years Agric. Diploma</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County

Farmers Association

NAMIBIA -- Owambo

Name and mailing address of the national extension organization

The Secretary Administration for Owambos
Private Bag 2001
Ondangwa, NAMIBIA, South Africa 9270

Title of the officer to whom inquiries should be addressed

Director of Agriculture and Forestry

Extension organization was first organized in 1975

Financial support comes from the Ministry of Agriculture

Program Objectives: To provide information and assistance to the farmers in the use of improved farming methods to stimulate better production in their agricultural methods and practices.

Client Groups Served: Smaller subsistence farmers

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
Agricultural Extension Agents/Assistants	4	4	8
Totals:	4	4	8

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
District level			8		8
Totals			8		8

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Total years of formal education (ave.)

Type of diploma, degree or certificate generally needed for this type of position

Village level worker
Extension Assistant/helper

3 years

Agricultural Diploma

NEPAL

Name and mailing address of the national extension organization

Extension and Training Division
Department of Agriculture
Harihar Bhawan
Lalitpur, Nepal

Title of the officer to whom inquiries should be addressed

Deputy Director General for Extension and Training

Extension organization was first organized in 1953

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To increase agricultural production (including grains and horticulture production).
2. To train rural youth to be 'future' 'better' farmers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and rural youth

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	73		73
Agricultural Extension Agents/Assistants	5,000		5,000
Rural Youth Extension Agents/Assistants	25	16	41
Food Crop Program Specialists	10		10
Agricultural Information Unit	24	1	25
Totals:	5,132	17	5,149

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	5	6	16	31
Provincial or State Level	9	16	24	50	99
District level	63	15		100	178
Subdistrict, County or Block level				60	60
Village or Community level				5,000	5,000
Totals	76	36	30	5,226	5,368

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc. (Ag) Minimum</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>B.Sc. (Ag) Minimum</u>
Extension officer, agent or instructor	<u>*15-11</u> years	<u>*B.Sc. (Ag) preferred, but certificate is not required</u>
Village level worker Extension Assistant/helper	<u> </u> years	<u>No Requirements</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Tobacco Development Company, Kathmandu, Nepal
 Jute Development Corporation, Kathmandu, Nepal
 Sugar Cane Factory, Birganj, Nepal

NETHERLANDS*

Name and mailing address of the national extension organization

Agriculture Production, Processing and
Marketing Division
Ministry of Agriculture and Fisheries
1e v.d. Boschstraat 4
The Hague, THE NETHERLANDS

Title of the officer to whom inquiries should be addressed

General Director

Extension organization was first organized in 1898

Financial support comes from the Ministry of Agriculture and Fisheries

Program Objectives: The aim of the agricultural advisory service is to guide agrarian holdings in adapting to the structural changes taking place in agriculture; the aim being achieved by education, research, extension and financial support.

Client Groups Served: Greenhouse and outdoor vegetable growers; producers of bulbs and flowers as well as potatoes, sugar beets, grains, cattle (meat, milk), pigs and poultry.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	80	64			144
Provincial or State Level	16	48			64
District level	82	260	644		986
Totals	178	372	644		1,194

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>Academic Degree (M.S.)</u>
Technical or Subject Matter Specialist	<u>14</u> years	<u>Secondary school diploma in agriculture</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Secondary school diploma in agriculture</u>

*1975 Data

NEW CALEDONIA

Name and mailing address
of the national extension
organization

Services Ruraux
B.P. 43
Noumea, New Caledonia

Title of the officer to whom
inquiries should be addressed

Le Directeur

Extension organization was first organized in 1947

Financial support comes from the Ministère de l'Agriculture et assemblée territoriale.

Program Objectives: Soit par l'enseignement ou la vulgarisation. Améliorer les connaissances pour le développement des familles et du pays.

Client Groups Served: Grandes exploitations commerciales, exploitations familiales et de moindre importance, cultivatrices, jeunes cultivateurs (adultes), programmes pour la jeunesse rurale, programmes d'enseignement ménager, programmes sur la nutrition, programmes de planification familial/développement de l'enfant.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		6		6
Agricultural Extension Agents/Assistants		14		14
Rural Youth Extension Agents/Assistants		6	15	21
Home Economics Extension Agents/Assistants			1	1
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	2		2
	Export/Cash Crop Programs	23		23
	Livestock Programs	4		4
Agricultural Information Unit		2		2
Coffee, fruits and cereals		16		16
Totals:		73	16	89

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial Level	6	20			26
District level			18		18
Village or Community level				45	45
Totals	6	20	18	45	89

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.T.S.A.</u>
Technical or Subject Matter Specialist	<u>13</u> years	<u>BAC</u>
Extension officer, agent or instructor	<u>10</u> years	<u>B.E.P.C.</u>
Village level worker Extension Assistant/helper	<u>6</u> years	<u>CEP</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State Assemblée Territoriale

NEW CALEDONIA (Technical Services)

Name and mailing address
of the national extension
organization

Service de l'Agriculture
B.P. 43
Noumea (New Caledonia)

Title of the officer to whom
inquiries should be addressed

Recherche Agronomique, B.P. 37
Bourail - N.C.

Extension organization was first organized in 1966.

Financial support comes from the Ministry of Agriculture

Program Objectives: Recherche et Vulgarisation: grandes cultures, blè,
sorgho, maïs, pomme de terre, tournesol, cultures vivrières de plein champ,
haricot, patate douce, ignames, pâturages tropicaux, Elevage bovin à viande.

Client Groups Served: Grandes exploitations commerciaux, exploitations familiales
de moindre importance, cultivatrices, jeunes cultivateurs (adultes), pro-
grammes pour la jeunesse rurale.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	10	2	12
Agricultural Extension Specialists	22	3	25
Totals:	32	5	37

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	6			8
Provincial level		4	10		14
Village or Community level			15		15
Totals	2	10	25		37

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>Ingénieurs</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Techniciens</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Agents techniques</u>
Village level worker Extension Assistant/helper	<u>8</u> years	<u>Ouvriers spécialisés</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Compte-rendu des résultats Recherche Bulletins d'information	Français Français

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Service du développement et de l'éducation de base
B.P. 4166 - NOUMEA

NEW ZEALAND*

Name and mailing address
of the national extension
organization

Ministry of Agriculture and Fisheries
P.O. Box 2298
Wellington, New Zealand

Title of the officer to whom
inquiries should be addressed

Chief Advisory Officer (Extension)

Extension organization was first organized in 1910

Financial support comes from the Ministry of Agriculture and Fisheries

Program Objectives: To provide to farmers a sound technical and management advisory service to assist them to obtain from their enterprises the financial rewards and personal satisfactions that each is seeking.

Client Groups Served: Producers of sheep and beef, dairying, grain crops, and horticultural crops.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	7	8			15
Provincial or State Level	10	60			70
District level			195		195
Totals	17	68	195		280

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Total years of formal education (ave.)

_____ 17 _____ years

Technical or Subject Matter Specialist

_____ 17 _____ years

Extension officer, agent or instructor

_____ 17 _____ years

Type of diploma, degree or certificate generally needed for this type of position

4-year bachelor degree in agriculture is minimum requirement for entry to service

NICARAGUA*

Name and mailing address of the national extension organization

Servicio de Extensión Agrícola
Ministerio de Agricultura y Ganadería
Km. 12 Carretera Norte
Managua, D.N., NICARAGUA

Title of the officer to whom inquiries should be addressed

Director (Extension)

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Give technical assistance to small farmers.
2. Improve the living condition of the rural families as a whole.

Client Groups Served: Producers of corn, beans, sorghum, rice, vegetables, pigs, poultry, rabbits and bees.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	6			9
Provincial or State Level	4		72		76
Totals	7	6	72		85

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Type of diploma, degree or certificate generally needed for this type of position

Agronomist

Technical or Subject Matter Specialist

Agronomist

Extension officer, agent or instructor

Agronomist

*1975 Data

NIGERIA -- Calabar State

Name and mailing address
of the national extension
organization

Ministry of Agriculture, Fisheries and
Natural Resources
P.M.B. 1119, Calabar, Nigeria

Title of the officer to whom
inquiries should be addressed

The Permanent Secretary

Extension organization was first organized in 1930

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To educate rural farmers to accept new technologies.
2. To provide improved farm inputs such as seeds, other planting materials, poultry and livestock.
3. To introduce farm mechanization and crop processing techniques.
4. To produce new crops of literate farmers of tomorrow through the vocational agricultural training programme.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers and rural youth programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	43		43
Agricultural Extension Agents/Assistants	578	104	682
Food Crop Specialists	207	8	215
Agricultural Information Unit	5	1	6
Totals:	833	113	946

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	30	2			32
District level	17		215	682	914
Totals	47	2	215	682	946

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-17</u> years	<u>Bachelor's Degree or M.Sc.</u>
Technical or Subject Matter Specialist	<u>15-16</u> years	<u>Bachelor's Degree or H.N.D.</u>
Extension officer, agent or instructor	<u>15</u> years	<u>H.N.D. or O.N.D.</u>
Village level worker Extension Assistant/helper	<u>8</u> years	<u>F.S.L.C.</u>

NIGERIA -- Kwara State

Name and mailing address
of the national extension
organization

Ministry of Agriculture & Natural Resources
P.M.B. 1383
Ilorin, Kwara State, Nigeria

Title of the officer to whom
inquiries should be addressed

The permanent secretary

Extension organization was first organized in the mid-forties of this century

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Teaching farmers to adopt modern farming techniques.
2. Providing high yielding improved seeds and seedlings for the farmers.
3. Making research findings available for farmers use.
4. Provision of markets for farmers produce.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers
and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		43		43
Agricultural and Rural Youth Extension Agents/Assistants		528		528
Home Economics Extension Agents/Assistants		Transferred to the Ministry of Water Resources & Rural Dev.		
Extension Specialists, Officers and/or Agents Who Specialize in:	Livestock Programs	300		300
	Fisheries Programs	43		43
Agricultural Information Unit		39		39
Totals:		953		953

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
State Level	22	4		6	32
District level	12	5	40	54	111
Subdistrict, County or Block level				161	161
Village or Community level				267	267
Totals	34	9	40	488	571

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17-19</u> years	<u>B.Sc. or Higher Diploma Certificate</u>
Technical or Subject Matter Specialist	<u>15-16</u> years	<u>Higher Diploma Certificate</u>
Extension officer, agent or instructor	<u>12-14</u> years	<u>Ordinary Diploma</u>
Village level worker Extension Assistant/helper	<u>3</u> years	<u>Field Overseer Certificate</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Annual Report Information Bulletin Annual Recurrent and Capital Estimates	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

The Nigerian Grains Board
P.M.B. 17
Minna, Niger State
Nigeria

The Nigerian Cocoa Board
Cocoa House
P.M.B. 5032
Ibadan, Byo State
Nigeria

The Nigerian Palm Produce Board
Atlantic House
20 Thomas Henshaw Street
P.M.B. 1264
Calabar, River State
Nigeria

The Nigerian Cotton Board
Tarkwa House
P.M.B. 6035
Funtua, Kaduna State
Nigeria

NORWAY

Name and mailing address
of the national extension
organization

Statens Fagteneste
(Agricultural Advisory Service)
Moervn. 12, 1430 Aas
NORWAY

Title of the officer to whom
inquiries should be addressed

Statskonsulenten for Rettle ogst teneste
(Senior Ext. Officer)

Extension organization was first organized in 1855

Financial support comes from the Department of Agriculture

Program Objectives:

1. Giving technical/economic advice to individual farming families so that they can utilize their production equipment and their natural resources in order to obtain a rational and profitable production.
2. Includes an extension information service especially directed at the rural population, as well as advice to selected groups of farmers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		10		10
Agricultural Extension Agents/Assistants		810	20	830
Rural Youth Extension Agents/Assistants		20	20	40
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	20		20
	Export/Cash Crop Programs	30	3	33
	Livestock Programs	37		37
Agricultural Information Unit		6	4	10
Farm Economics, Etc.		59		59
Farm Building Programs		58		58
Totals:		1,050	47	1,097

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	10	15			25
District level	36	248			284
County level			440	390	830
Totals	46	263	440	390	1,139

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc. or M.Sc.</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>B.Sc. or M.Sc.</u>
Extension officer, agent or instructor	<u>17</u> years	<u>B.Sc.</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Vocational Training Diploma</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>National Council of Extension</u>
District or County	<u>The Board of the Extension Office</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Part-time Farming OECD 1977 Germany Japan - Norway U.S.A.	English, German, French

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Extension programs that serve women: National Office Forbruker-og Administras jonsdepartementet Postboks 8004, Dep. Oslo 1, NORWAY	Rural Youth National Office: Norske 4-H Postboks 113, 2013 Skjetten NORWAY
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NORWAY -- Consumer Council

Name and mailing address of the national extension organization Forbrukerradet (Consumer Council of Norway)
Postboks 8104 Dep
OSLO 1, Norway.

Title of the officer to whom inquiries should be addressed Opplysningsavdelingen (Department of Information)

Extension organization was first organized in 1953

Financial support comes from the Ministry of Consumer Affairs and Government, and sales of periodical and other informative material, ca. 30%

Program Objectives: The Consumer Council shall furnish information that will improve the consumers' ability to judge by themselves their needs and how to satisfy them. Instruments like the Consumer Report, booklets, courses and consumer education in schools are central in this connection.

Program Areas: Home economics and nutrition programs.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	The Central Secretariat of the Consumer Council about				80
Subdistrict, County or Block level	County Consumer Offices about				70
Totals					150

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15-18</u> years	<u>Bachelor degree in Home Economics, Law School, Economics</u>
Extension officer, agent or instructor	<u>15-18</u> years	<u>Economics</u>

PAKISTAN*

Name and mailing address of the national extension organization

Directorate - General of Agriculture (Field)
Islamabad, PAKISTAN

Title of the officer to whom inquiries should be addressed

Director of Agriculture (Extension)

Extension organization was first organized in 1906 (United India), 1947 (Pakistan)

Financial support comes from the Department of Agriculture (Extension)

Program Objectives:

1. Farm advisory service.
2. Conduct training courses for farmers and pre-service sub-professional workers.
3. Carry out field experiments, crop surveys.
4. Enforcement of agricultural enactments.
5. Agricultural publicity.

Client Groups Served: Producers of wheat, cotton, rice, sugarcane, oilseeds, fruits and vegetables.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	2	7			9
District level	24	48			72
Subdistrict, County or Block level			348		348
Village or Community level				2,192	2,192
Totals	26	55	348	2,192	2,621

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14</u> years	<u>B.Sc. (Agriculture)</u>
Technical or Subject Matter Specialist	<u>14</u> years	<u>B.Sc. (Agr.) with subject</u>
Extension officer, agent or instructor	<u>14</u> years	<u>B.Sc. (Agr.) with 5 years field experience</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Diploma in Agriculture</u>

PAPUA NEW GUINEA

Name and mailing address of the national extension organization

Department of Primary Industry
P.O. Box 2417
Konedobu, Papua New Guinea

Title of the officer to whom inquiries should be addressed

Assistant Secretary, Training Branch

Extension organization was first organized in 1950

Financial support comes from the Department of Agriculture

Program Objectives: Our broad aim is to assist the rural people, which make up (90% of the population) 3 million total population, to see the need for improving their living standards by involving themselves in agriculture, fisheries, forestry, and programmes for improving nutritional status of the people. Our efforts are aimed at total rural development leading to self sufficiency in food production and export crops.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, and rural youth; home economics and nutrition programs, and fisheries and forestry industries.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	100	25	100		225
Provincial or State Level	200	80			280
District level	80		600	600	1,280
Totals	380	105	700	600	1,785

***NOTE:** These figures are estimates since Papua New Guinea has 19 separate provincial extension services which are not directly controlled by the national Department of Primary Industries. Extension staff members are not kept separate to those involved in other department functions.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13-16</u> years	<u>Diploma (Tropical Agric.) or Bachelor in Agriculture</u>
Technical or Subject Matter Specialist	<u>13-16</u> years	<u>Diploma (Tropical Agric.) or Bachelor in Agriculture</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Certificate of Tropical Agriculture</u>
Village level worker Extension Assistant/helper	<u>10</u> years	<u>Grade 10 for Public Service Position</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Basic Extension Skills, Rural Broadcasters' Handbook Agricultural Extension in the Village History of Agriculture in Papua New Guinea	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Health Department
c/o Post Office
Konedobu
P.N.G.
2. Department of Commerce
c/o Post Office
Wards Strip
National Capital
P.N.G.
3. Ministry of Home Affairs
P.O. Box 9079
Hohola
National Capital
P.N.G.

PARAGUAY*

Name and mailing address
of the national extension
organization

Ministerio de Agricultura y Ganadería
Servicio de Extension Agrícola-Ganadera (SEAG)
Calle Pte, Franco No. 479
Asunción, PARAGUAY

Title of the officer to whom
inquiries should be addressed

Director del SEAG

Extension organization was first organized in 1951

Financial support comes from the Servicio Tecnico Interamericano de Cooperacion Agrícola (STICA)

Program Objectives:

1. Education in agriculture: home economics and 4-C clubs.
2. Practical education applying science to real-life situations on a learn-by-doing basis.
3. Education for action -- by individuals in improving their farm and home skills and management.

Client Groups Served: Producers of cotton, soybeans, wheat, tobacco, dairy and livestock, and rural youth.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	7	.		11
District level	8		117		125
Totals	12	7	117		136

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>B.S. - M.S.</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>B.S. - M.S.</u>
Extension officer, agent or instructor	<u>12</u> years	<u>High School Diploma</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>High School Diploma</u>

PHILIPPINES

Name and mailing address of the national extension organization

Bureau of Agricultural Extension
Diliman Quezon City
Philippines

Title of the officer to whom inquiries should be addressed

The Director

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture

Program Objectives: To increase agricultural productivity and improve the quality of farm family life.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers, rural youth programs, home economics programs, nutrition programs, family planning and child development programs for home makers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		1,091	467	1,558
Agricultural Extension Agents/Assistants		6,767	3,642	10,409
Rural Youth Extension Agents/Assistants		30	555	585
Home Economics Extension Agents/Assistants			1,270	1,270
Extension Specialists, Officers and/or Agents Who Specialize In:	Crop Programs	855	103	958
	Livestock Programs	285	17	302
Agricultural Information Unit		107	46	153
Other:		2,271	1,514	3,785
Totals:		11,406	7,614	19,020

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS					Totals
	Supporting Personnel			"Change Agents"		
	Administrative or Supervisory Officers	Subject Matter Specialists	Other Support Staff	Extension Officers or Agents	Extension Assistants or Helpers	
National level	25	41	239			305
Regional Level	106	144	1,119			1,369
Provincial Level	787	1,025	2,632			4,444
District Level	640					640
Municipal Level				12,262		12,262
Totals	1,558	1,210	3,990	12,262		19,020

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14-16</u> years	<u>B.S. Agric., HE., Ed., LLB and others</u>
Technical or Subject Matter Specialist	<u>14-16</u> years	<u>B.S. Agric., HE., M.S.</u>
Extension officer, agent or instructor	<u>14</u> years	<u>BSA/BSHE or related sc.</u>
Village level worker Extension Assistant/helper	<u>14</u> years	<u>BSA/BSHE or related sc.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Planning Service</u>
Regional level	<u>Regional Development Council</u>
Provincial or State	<u>Provincial Development Council</u>
Municipal	<u>Municipal Development Council</u>
Village or Community	<u>Barangay Development Council</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Extension Today and Tomorrow BAEx Operational Plan	English English

PORTUGAL*

Name and mailing address
of the national extension
organization

Direccas - General dos Servicos Agrícolas
Praca do Comércio
Lisbon, PORTUGAL

Title of the officer to whom
inquiries should be addressed

Director dos Serviços de Extensões

Extension organization was first organized in 1936

Financial support comes from the Department of Agriculture

Program Objectives:

1. Raising the level of living of the people.
2. Increasing agricultural production and productivity.
3. Rural development.

Client Groups Served: Producers of cereals, wine, livestock, fruits.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	13	120			133
District level	5	15	480		500
Totals	18	135	480		633

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>University degree</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>University degree</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Secondary diploma</u>

*1975 Data

QATAR

Name and mailing address of the national extension organization

Extension Service
P.O. Box 1966
Doha, Qatar

Title of the officer to whom inquiries should be addressed

Director

Extension organization was first organized in 1965

Financial support comes from the Ministry of Agriculture

Program Objectives: To improve the cultural practices, to increase production level, to extend harvest period and to slow down process of land deterioration.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2		2
Agricultural Extension Agents/Assistants	8		8
Totals:	10		10

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	2	4	2	10
Totals	2	2	4	2	10

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc.</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>M.Sc.</u>
Extension officer, agent or instructor	<u>15</u> years	<u>B.Sc.</u>

RWANDA

Name and mailing address of the national extension organization

Ministry of Agriculture
B.P. 621 Kigali
RWANDA

Title of the officer to whom inquiries should be addressed

Directeur

Extension organization was first organized in 1976

Financial support comes from the Ministère de l'Agriculture

Program Objectives: Augmentation de la production par utilisation des facteurs de production et par l'utilisation des techniques adéquates.

Client Groups Served: Exploitations familiale de moindre importance, cultivatrices, Jeunes cultivateurs, Programmes pour la Jeunesse Rurale, Programmes sur la Nutrition, Programmes de Planification Familial/Developpement de l'infant.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial level	26				26
District level		10			10
Subdistrict, County or Block level			164		164
Village or Community level				217	217
Totals	26	10	164	217	417

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	
Technical or Subject Matter Specialist	<u>15</u> years	
Extension officer, agent or instructor	<u>13</u> years	
Village level worker Extension Assistant/helper	<u>11</u> years	

ST. KITTS - NEVIS - ANGUILLA*

Name and mailing address
of the national extension
organization

Department of Agriculture
P.O. Box 39, St. Kitts
WEST INDIES

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in 1956

Financial support comes from the Department of Agriculture

Program Objectives: To assist and advise farmers in all aspects of agricultural production.

Client Groups Served: Producers of sugar cane, cotton, vegetables, and livestock.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
District level (only)		5			5

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Extension officer,
agent or instructor

Total years
of formal
education (ave.)

13 years

Type of diploma, degree or
certificate generally needed
for this type of position

Diploma in Tropical Agric.

*1975 Data

ST. VINCENT & THE GRENADINES

Name and mailing address
of the national extension
organization

Ministry of Trade and Agriculture
Kingstown, St. Vincent & Grenadines W.I.

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in 1938

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Livestock husbandry
2. Cropping systems involving rotations
3. Proper management using improved breeds and varieties
4. Credit availability
5. General improved living standards
6. Plant protection

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers; Rural youth programs and home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		2		2
Agricultural Extension Agents/Assistants		31	3	34
Home Economics Extension Agents/Assistants			1	1
Extension Specialists, Officers, and/or Agents Who Specialize In:	Food and Export Crop Programs	5		5
	Livestock Programs	1		1
	Fisheries Programs	1		1
Agricultural Information Unit		1	1	2
Totals:		41	5	46

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	5			7
District level		5	34		39
Totals	2	10	34		46

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13-15</u> years	<u>University Degree or Diploma</u>
Technical or Subject Matter Specialist	<u>13-15</u> years	<u>University Degree or Diploma</u>
Extension officer, agent or instructor	<u>11</u> years	<u>Secondary School Certificate</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Report	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Banana Growers Association
Kingstown, St. Vincent & Grenadines W.I.

SAUDI ARABIA

Name and mailing address of the national extension organization

Extension and Agricultural Services Department
Ministry of Agriculture and Water
Riyadh, Saudi Arabia

Title of the officer to whom inquiries should be addressed

Director General

Extension organization was first organized in 1954

Financial support comes from the Ministry of Agriculture

Program Objectives: Development of agriculture in Saudi Arabia through modern agricultural technology that will ultimately lead towards an increase in the overall agricultural production. Once this general objective is achieved, it is hoped that Saudi farmers will better their economical conditions and participate in the reduction of the country's reliance on importation of food products for home consumption.

Client Groups Served: Larger commercial farmers and smaller subsistence farmers

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	193		193
Agricultural Extension Agents/Assistants	208		208
Food Crop Extension Specialists	210		210
Agricultural Information Unit	21		21
Totals:	632		632

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	7	17	8	37
District level	90	60	60	60	270
Subdistrict County or Block level	98		98	196	392
Totals	193	67	175	264	699

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12</u> years	<u>High School</u>
Technical or Subject Matter Specialist	<u>16-20</u> years	<u>B.S., M.S., or Ph.D</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.S.</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Function of the Agricultural Extension Service	Arabic

SENEGAL

Name and mailing address
of the national extension
organization

Société de Développement et de Vulgarisation
Agricole (SO.DE.V.A.)
B.P. 3234
92, Rue Blanchot
Dakar, Senegal

Title of the officer to whom
inquiries should be addressed

Directeur General

Extension organization was first organized in 1968

Financial support comes from the Ministère du Développement Rural et Financements
Extérieurs.

Program Objectives: Encadrer le rural dans tous les domaines d'activités que
le préoccupent afin qu'il assure son propre développement.

Client Groups Served: Exploitations familiales de moindre importance,
cultivatrices, jeunes cultivateurs (adultes); programmes pour la jeunesse
rurale et programmes sur la nutrition.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	41		41
Agricultural Extension Agents/Assistants	1,088	3	1,091
Home Economics Extension Agents/Assistants		1	1
Livestock Extension Specialists	22		22
Agricultural Information Unit	8		8
Totals:	1,159	4	1,163

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	17	25			42
Region	24	48			72
Communauté Rurale			106		106
Village level			943		943
Totals	41	73	1,049		1,163

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>20</u> years	<u>Ingénieur, Docteur, maître licencié</u>
Technical or Subject Matter Specialist	<u>20</u> years	<u>Ingénieur, Docteur, maître licencié</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Ingénieurs des Travaux</u>
Village level worker Extension Assistant/helper	<u>6 á 13</u> years	

Written material describing current extension programs:

Title of the publication(s):	language(s)
Bilan Technique	Français

SEYCHELLES

Name and mailing address
of the national extension
organization

Department of Agriculture
P.O. Box 54, Victoria
Republic of Seychelles

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in 1971

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Self sufficiency in food crops by encouraging more production.
2. Improve farmer's standard of living by improving production efficiency.
3. Educate farmers in ways and means to boost up their income.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	1		1
Agricultural Extension Agents/Assistants	11	3	14
Agricultural Information Unit	2	1	3
Totals:	14	4	18

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1				1
District level			4	13	17
Totals	1		4	13	18

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc.</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>B.Sc.</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Higher National Diploma</u>
Village level worker Extension Assistant/helper	<u>8</u> years	<u></u>

SINGAPORE

**Name and mailing address
of the national extension
organization**

**Primary Production Department
Ministry of National Development
7th Floor, National Development Bldg.
Maxwell Road
Singapore 1
Singapore**

**Title of the officer to whom
inquiries should be addressed**

Director of Primary Production

The Primary Production Department of Singapore does not have a distinct agricultural extension division in its organisational set-up as in most agricultural countries. Singapore is an island state with a small agricultural base, and farms are concentrated in compact rural areas with great accessibility. Agricultural extension services are but part and parcel of the activities of research officers and other personnel in the Agriculture and Veterinary Divisions of the Department.

REPUBLIC OF SOUTH AFRICA

Name and mailing address
of the national extension
organization

Director General of Agriculture and Fisheries
Private Bag X116
Pretoria, Republic of South Africa

Title of the officer to whom
inquiries should be addressed

Chief Director, Farming and Research Develop-
ment

Extension organization was first organized in 1924

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Conservation and optimal use of agricultural resources, soil, veld, and water.
2. The socioeconomic development of the rural population.
3. The consolidation and promotion of the primary farming activities for the specific farming area.
4. Farm management and system analysis.
5. Agricultural college training of future farmers.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	197		197
Agricultural Extension Agents/Assistants	580		580
Extension Crop Specialists	61		61
Extension Livestock Specialists	61		61
Totals:	899		899

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	8				8
Provincial or State Level	21		12	82	115
District level	36		36	122	194
Subdistrict, County or Block level	132		165	285	582
Totals	197		213	489	899

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12-19</u> years	<u>M.Sc., D.Sc. Agric.</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Honneurs degree in Agric.</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Honneurs degree in Agric.</u>
Village level worker Extension Assistant/helper	<u>15</u> years	<u>National Diploma for Technicians</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County	<u>Extension Programme Committees</u>
Village or Community	<u>Study Groups</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Report of the Department of Agriculture and Fisheries	English

Cooperative Societies With Extension Services: See attached.

LIST OF COOPERATIVE SOCIETIES WITH EXTENSION SERVICES

1. Bredasdorp-Napierse Koöperasie Bepèrk, PO Box 58, Bredasdorp 7280
2. Ceres Fruit Growers Co-operative Association Ltd., Private Bag 67, Ceres 6835
3. Clanwilliam Koöperatiewe Teemaatskappy Bepèrk, PO Box 63, Clanwilliam 8135
4. Clocolan Koöperasie Bepèrk, PO Box 55, Clocolan 9735
5. Delmas Koöperasie Bepèrk, PO Box 21, Delmas 2210
6. Drakensberg Koöperasie Bepèrk, PO Box 128, Bethlehem 9700
7. Ficksburg Koöperasie Bepèrk, PO Box 64, Ficksburg 9730
8. Hopetown Koöperasie Bepèrk, PO Box 24, Hopetown 8750
9. S.A. Artificial Insemination Co-op Ltd., Private Bag X5, Irene, 1675
10. Koöperatiewe Wijnbouwersvereniging van Z.A. Bepèrkt, PO Box 528, Zuider Paarl 7624
11. Kronstad Wes-Koöperasie Bepèrk, PO Box 311, Kroonstad 9500
12. Ladybrand Koöperatiewe Landboumaatskappy Bepèrk, P.O. Box 96, Ladybrand 9745
13. Laeveldse Koöperasie Bepèrk, PO Box 60, Nelspruit, 1200
14. Langeberg Koöperasie Bepèrk, PO Box 1103, Cape Town 8000
15. Lydenburg-Voorspoed Koöperasie Bepèrk (in voorlopige likwidasie)
16. NJTV Koöperasie Bepèrk, PO Box 69, Rustenburg 0300
17. Moorreesburg Koringboere (Koöperatief) Bepèrk, PO Box 30, Moorreesburg 7310
18. Natalse Landboukoöperasie Bepèrk, PO Box 145, Dundee 3000
19. National Co-operative Dairies Limited, PO Box 48151, Roosevelt Park 2129
20. Noord-Transvaalse Koöperasie Bepèrk, PO Box 29, Nylstroom 0150
21. Noordwestelike Koöperatiewe Landboumaatskappy Bepèrk, PO Box 107, Lichtenburg 2740
22. Oostelike Transvaale Koöperasie Bepèrk, PO Box 100, Bethal 2310
23. Potgietersrusse Tabakkoöperasie Bepèrk, PO Box 2, Potgietersrus 0600

24. Senekal Ko-operatiewe Landboumaatskappy Beperk, PO Box 30, Senekal 9600
25. Sentraal Westelike Koöperatiewe Maatskappy Beperk, PO Box 31, Klerksdorp 2570
26. Sentraie Saadkwekers Koöperasie Beperk, PO Box 449, Pretoria 0001
27. Stockowners Co-operative Company Limited, PO Box 2696, Durban 4000
28. S.A. Co-operative Citrus Exchange Limited, PO Box 1158, Pretoria 0001
29. S.A. Co-operative Deciduous Fruit Exchange Limited, PO Box 1298, Cape Town, 8000
30. S.A. Dried Fruit Company Limited, PO Box 508, Wellington 7655
31. S.A. Koöperatiewe Karakoeltelersmaatskappy Beperk, PO Box 86, Upington 8800
32. Suid-Westelike Transvaalse Landbou Koöperasie Beperk, PO Box 5, Leeudoringstad 2640
33. Vetsak Koöperatief Beperk, PO Box 3, Isando 1600
34. Vrystaat Koöperasie Beperk, PO Box 100, Reitz, 9810
35. Westelike Graanboere (Koöperasie) Beperk, PO Box 22, Malmesbury 7300

SOUTH AFRICA -- Bophuthatswana

Name and mailing address
of the national extension
organization

Department of Agriculture
Private Bag X2039
Montshivwa, 8681
Bophuthatswana, South Africa

Title of the officer to whom
inquiries should be addressed

The Secretary

Extension organization was first organized in 1964

Financial support comes from the Ministry of Agriculture

Program Objectives: To improve agricultural production to levels of self-sufficiency, and to uplift the standard of living and the quality of life of the rural poor.

Client Groups Served: Larger commercial farmers, small subsistence farmers, women farmers, young (adult) farmers, and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		62		62
Agricultural Extension Agents/Assistants		110		110
Extension Officers Who Specialize In:	Livestock Programs	40		40
Agricultural Information Unit		3		3
Cooperatives		3		3
Totals:		218		218

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	1	6		10
Provincial or State Level	17				17
District level	42				42
Village or Community level			149		149
Totals	62	1	155		218

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13</u> years	<u>Diploma in Agriculture</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>B.Sc. Degree</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Diploma in Agriculture</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Diploma in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Village or Community

Extension Committees

SOUTH AFRICA -- Gazankulu

Name and mailing address
of the national extension
organization

Department of Agriculture and Forestry
Gazankulu Government Service
Private Bag x577
Giyani 0826, South Africa

Title of the officer to whom
inquiries should be addressed

The Secretary

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Persuade farmers to produce more by applying improved methods of agriculture.
2. Persuade farmers to up-grade their livestock by selection of breeding animals and marketing animals not used for breeding, and also market breeding animals before they are too old.

Client Groups Served: Smaller subsistence farmers, women farmers, and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		15		15
Agricultural Extension Agents/Assistants		43		43
Extension Officers Who Specialize In:	Food Crop Programs	3		3
	Livestock Programs	3		3
Agricultural Information Unit		1		1
Totals:		65		65

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	2	2			4
District level	13	5	43		61
Totals	15	7	43		65

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>14</u> years	<u>Diploma in Agriculture</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Bachelor of Science in Agriculture</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diploma in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County	<u>Show Committees</u>
Village or Community	<u>Agric. Extension Committee, Farmers' Associations</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

The Secretary
 Department of Health
 Private Bag x628
 Giyani 0826
 South Africa

SOUTH AFRICA -- KaNgwane

Name and mailing address of the national extension organization

Department of Agriculture
KaNgwane Government Service
Private Bag X1005
Louw's Creek 1302, South Africa

Title of the officer to whom inquiries should be addressed

The Director

Extension organization was first organized in 1965

Financial support comes from the Ministry of Agriculture

Program Objectives: Our objectives are to raise agricultural productivity, the standard of living of the rural population, and rural welfare. We are also at pains to foster the idea that the people be helped to help themselves. We are also aiming at the development of youth clubs and women's interest groups, so that our rural people learn to understand the problems they have, how to overcome these problems, and by so doing develop themselves.

Client Groups Served: Smaller subsistence farmers and women farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
Agricultural Extension Agents/Assistants	14		14
Totals:	14		14

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level			3		3
Village or Community level			11		11
Totals			14		14

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Diploma in Extension</u>

SOUTH AFRICA -- Lebowa

Name and mailing address of the national extension organization

Department of Agriculture and Forestry
Lebowa Government Service
P. Bag X01, Chumiespoort 0745
SOUTH AFRICA

Title of the officer to whom inquiries should be addressed

The Secretary

Extension organization was first organized in 1964

Financial support comes from the Ministry of Agriculture

Program Objectives:-

1. Agricultural extension
2. Initiating exemplary projects
3. Planning of all areas and soil reclamation

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, rural youth programs, home economics programs, nutrition programs, family planning and child development programs and community development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		5		5
Agricultural Extension Agents/Assistants		175		175
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	3		3
	Livestock Programs	7		7
	Fisheries Programs	3		3
Totals:		193		193

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Total
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	20			25
District level		25			25
Subdistrict, County or Block level			143		143
Totals	5	45	143		193

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>13</u> years	<u>Agricultural Diploma</u>
Technical or Subject Matter Specialist	<u>13</u> years	<u>Diploma or B.Sc. in Agric.</u>
Extension officer, agent or instructor	<u>13</u> years	<u>Agricultural Diploma</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Extension	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Agricultural Technical Services
P. Bag x144
Pretoria 0001, S.A.
2. Department of Cooperation and Development
P.O. Box 389
Pretoria 0001, S.A.
3. Agricura S.A.
P.O. Box 354
Silverton 0127, S.A.
4. Coopers S.A.
P.O. Box 677
Kempton Park 1620, S.A.
5. Fedmis
P.O. Box 2821
Pretoria 0001, S.A.

SOUTH AFRICA -- Qwa - Qwa

Name and mailing address
of the national extension
organization

Qwa-Qwa Government Service
Department of Agriculture and Forestry
Private Bag x816
Witsieshoek 9870
Republic of South Africa

Title of the officer to whom
inquiries should be addressed

Secretary for Agriculture and Forestry

Extension organization was first organized in 1964

Financial support comes from the Ministry of Agriculture and Forestry

Program Objectives:

1. To improve crop yields of field crops.
2. To combat malnutrition by growing fruits and vegetables and selling surplus for family income.
3. To improve quality of large and small stock so as to produce more milk, wool, mohair and meat.
4. To encourage community in handicrafts so as to establish small industries and boost employment opportunities.

Client Groups Served: Smaller subsistence farmers, women farmers, adult farmers, as well as youth programs, home economics programs, and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	6	.	6
Agricultural Extension Agents/Assistants	5		5
Home Economics Extension Agents/Assistants		2	2
Livestock Extension Specialists	2		2
Totals:	13	2	15

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	6				6
Subdistrict, County or Block level			9		9
Totals	6		9		15

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>2½ year Agricultural Diploma</u>
Extension officer, agent or instructor	<u>11</u> years	<u>Diploma in Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Agric Advisory Service R.S.A.</u>
Provincial or State	<u>Department level</u>
District or County	<u>District level</u>
Village or Community	<u>Community or village level</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Agricultural Extension Handbook	English Afrikaans

SOUTH AFRICA -- Transkei

Name and mailing address
of the national extension
organization

Department of Agriculture and Forestry
Field Services Division
Private Bag X5002
Umtata, Transkei, South Africa

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1920

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To develop farmers by motivating them to improve and providing them with the appropriate technology.
2. To develop farmers from a subsistence level to a commercial level.
3. To inform people of the existing agricultural potential, and to motivate them to conserve their resources for the best utilisation.
4. To work together with other departments in a comprehensive programme of rural development.

Client Groups Served: Smaller subsistence farmers, irrigation schemes, women farmers, rural youth programs (small scale), and youth (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		70		70
Agricultural Extension Agents/Assistants		180		180
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	9		9
	Livestock Programs	7		7
Agricultural Information Unit		1		1
Extension Methodology		1		1
Totals:		268		268

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	14	8	3		25
Provincial or State Level	9	10			19
District level	47				47
Village or Community level			177		177
Totals	70	18	180		268

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>10</u> years	<u>Junior Cert. + Diploma (Ag.)</u>
Technical or Subject Matter Specialist	<u>14</u> years	<u>Matriculation + Diploma (Ag.)</u>
Extension officer, agent or instructor	<u>10</u> years	<u>Junior Cert. + Diploma (Ag.)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State _____ Regional Tribal Authority _____

Village or Community _____ Local Extension Committee _____

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Department of Health and Social Welfare
Botha Sigcau Building
Umtata, Transkei, R.S.A.

SPAIN

Name and mailing address
of the national extension
organization

Servicio de Extensión Agraria
Bravo Murillo No. 101
Madrid 20 (España)

Title of the officer to whom
inquiries should be addressed

Jefe de la Sección de Relaciones e Informes

Extension organization was first organized in 1956

Financial support comes from Ministerio de Agricultura

Program Objectives:

1. El aumento de la capacidad de los agricultores para resolver los problemas relativos a la modernización de sus empresas y a la mejora de la agricultura.
2. La promoción de los agricultores y sus familias para una mejor utilización de sus recursos, actuando permanentemente dentro de las comunidades rurales con el fin de mejorar el entorno social de la población agraria y su calidad de vida.
3. La capacitación profesional en el sector agrario y la difusión y asesoramiento a los agricultores de nuevos conocimientos y técnicas aplicables a sus explotaciones.
4. La formación profesional de los jóvenes agricultores para que lleguen a ser verdaderos empresarios capaces de dirigir consecuentemente sus propias explotaciones.

Client Groups Served: Agricultores comerciales medianos y grandes, pequeños agricultores de subsistencia, agricultores (mujeres), agricultores - adultos jóvenes, programas de para la juventud rural, programas de economía doméstica, programas de nutrición, programas de Desarrollo de comunidades y (obreros asalariados del campo).

Distribution of Extension Personnel by Program Area and Sex:
(See chart on following page.)

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		219	26	245
Agricultural Extension Agents/Assistants		1,280	3	1,283
Rural Youth Extension Agents/Assistants		605	40	645
Home Economics Extension Agents/Assistants			312	312
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	67		67
	Youth Training Programs	84		84
	Cooperatives	11		11
	Livestock Programs	32		32
	Home Economics		10	10
	Program Planning	51		51
Agricultural Information Unit		11		11
Specialties, incl: Irrigation, Agric. Mechanization, Sociology, etc.		57		57
Totals:		2,417	391	2,808

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	67	28			95
Provincial or State Level	95	220		169	484
District level	83	75			158
Subdistrict, County or Block level			1,955*	116	2,071
Totals	245	323	1,955	285	2,808

*731 officers function as unit heads and as change agents.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ingeniero superior veterinario; ingeniero tecnico</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Ingeniero superior veterinario; ingeniero tecnico</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Ingeniero tecnico; ingeniero superior - veterinaria</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Profesores de E.G.B.</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County Grupos S.E.G.E., Planteles, Cooperativas

Village or Community SEGE, Planteles, Cooperativas

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

Various Technical Publications _____ Spanish, with some written in "Catalan" for the region of Cataluña

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Diputación Foral de Navarra
Pamplona (Navarra), España (Spain)

SRI LANKA

Name and mailing address
of the national extension
organization

Extension Division
Department of Agriculture
Peradeniya, SRI LANKA

Title of the officer to whom
inquiries should be addressed

Deputy Director (Extension)

Extension organization was first organized in 1921

Financial support comes from the Department of Agriculture

Program Objectives:

1. The immediate objective is to assist in increasing the production of a wide range of agricultural commodities -- cereals, pulses, oil crops, coarse grains, sugarcane, cotton and livestock products, with a view to reaching self sufficiency and for export.
2. To also help in diversifying production that will lead to export of certain commodities.
3. To raise farm incomes and provide employment opportunities for the growing population thereby to raise standards of living among farm families.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers and home economics programs.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	13			18
District level	106	176			282
Subdistrict, County or Block level			503		503
Village or Community level				2,219	2,219
Totals	111	189	503	2,219	3,022

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>12-16</u> years	<u>Mostly Diploma (2 years) and experience in extension</u>
Technical or Subject Matter Specialist	<u>12</u> years	<u>as above, plus specialized training</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Diploma (2 years course)</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Certificate from a practical farm school (1 year course)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

District or County District Agriculture Committee

Village or Community Agrarian Services Committee

Written material describing current extension programs:

Title of the publication(s):	language(s)
Operational Guide to Training and Visit System to Agriculture	English, Sinhala and Tamil in preparation

SWAZILAND*

Name and mailing address
of the national extension
organization

Audio Visual Aids Section
P.O. Box 162
Mbabane, Swaziland

Title of the officer to whom
inquiries should be addressed

The Agricultural Officer (Extension)

Extension organization was first organized in 1930

Financial support comes from the Ministry of Agriculture

Program Objectives: To raise the standard of living of rural communities by
(a) encouraging better utilization of limited farming inputs to attain self-
sufficiency in our staple crop, maize; and (b) fostering participation in
cash-cropping by small-scale farmers.

Client Groups Served: Producers of maize, cotton, tobacco, milk and beef.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3	17			20
Provincial or State Level			20		20
District level				80	80
Totals	3	17	20	80	120

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc. (Agriculture)</u>
Technical or Subject Matter Specialist	<u>14-15</u> years	<u>B.Sc. (Agriculture) or Diploma in Agriculture</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diploma in Agriculture</u>
Village level worker Extension Assistant/helper	<u>14</u> years	<u>Diploma or Certificate in Agriculture</u>

SWEDEN

Name and mailing address of the national extension organization

Lantbruksstyrelsen
ARU-enheten
S-551 83 Jönköping
Sweden

Title of the officer to whom inquiries should be addressed

Avdelningsdirektör

Extension organization was first organized in 1963

Financial support comes from the Ministry of Agriculture

Program Objectives: The general objective of the advisory service is to support and facilitate the rationalization of agriculture and horticulture. However, it is also to work for a remaining profitable employment within farming and forestry in the most sparsely populated areas according to the new Swedish regional development policy.

Client Groups Served: Larger commercial farmers and smaller subsistence farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		120	15	135
Agricultural Extension Agents/Assistants		500	60	560
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	40	5	45
	Export/Cash Crop Programs	25		25
	Livestock Programs	25	5	30
Agricultural Information Unit		10	10	20
Totals:		720	95	815

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	50	50	5		105
Provincial Level	5	5	30	15	55
District or County level	95	50	400	100	645
Subdistrict level			10		10
Totals	150	105	445	115	815

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Agronomist</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Agronomist</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diploma of Agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

- County
- 1) Public representation in the County Board of Agriculture
 - 2) Informal groups for different programs

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

National Programme for Advisory Work 1976, 79 English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. Hushallnings-sällskapens förbund
S-105 33 Stockholm
Sweden
(The National Organization of the County Agricultural Societies)
2. Skogsstyrelsen
S-551 83 Jönköping
Sweden
(The National Board of Forestry)
3. Lantbrukarnas Riksförbund
S-105 33 Stockholm
Sweden
(The Federation of Swedish Farmers)

SWEDEN -- Forestry

Name and mailing address of the national extension organization

Skogsstyrelsen
National Board of Forestry
S-551 83 Jönköping
~~Sweden~~

Title of the officer to whom inquiries should be addressed

Executive Director

Extension organization was first organized in 1905

Financial support comes from the Ministry of Agriculture

Program Objectives: Extension service should, by means of courses, field instructions, forest days, forest evenings and private extension service, give knowledge and skill to promote efficiency and development in forestry.

Client Groups Served: Forest owners and personnel within forestry.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	28		28
Forestry Specialists	50		50
Forestry Extension Agents	675	5	680
Totals:	753	5	758

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4				4
Subdistrict, County or Block level	24	50			74
Village or Community level			270*	410*	680*
Totals	28	50	270	410	758

*They also have other working tasks such as low supervision and contractual services.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	_____
Technical or Subject Matter Specialist	<u>14</u> years	_____
Extension officer, agent or instructor	<u>14</u> years	_____
Village level worker Extension Assistant/helper	<u>14</u> years	_____

Written material describing current extension programs:

Title of the publication(s):	language(s)
State Supported Forestry Extension Service in Sweden	Swedish and English

SWITZERLAND

Name and mailing address of the national extension organization

Schweizerische Vereinigung zur Förderung der Betriebsberatung in der Landwirtschaft (SVBL)*
Schweiz. Landw. Technikum
CH 3052 Zollikofen BE

Title of the officer to whom inquiries should be addressed

Director

Extension organization was first organized in 1958

Financial support comes from the Ministry of Agriculture (84%), and Swiss Cantons and professional organizations (16%).

Program Objectives: Inform the farmers, the farmerswives and rural youth on new aspects (technical, economical, socio-economical) of farming in order to improve their knowledge, the farm management and consequently the farm income. Make them understand the regional development needs as well as the problems of environment protection.

Client Groups Served: Larger commercial farmers, small subsistence farmers, women farmers and young (adult) farmers, as well as rural youth and home economics programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	33	3	36
Agricultural Extension Agents/Assistants	375		375
Rural Youth Extension Agents/Assistants	1	1	2
Home Economics Extension Agents/Assistants		30	30
Technical or Subject Matter Specialists	207		207
Totals:	616	34	650

* The (SVBL) (Swiss Association for the Development of Advisory Services) runs two centres, one for German-speaking Swiss in Lindau ZH and another for French and Italian-speaking Swiss in Lausanne VD.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level (SVBL included)	10	54			64
Cantons	26	155	255	150	586
Totals	36	209	255	150	650

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>Diplome of Federal Institute of Technology, Zurich (university level)</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>Diplome of Technical College, Zollikofen</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Master farmer's diplome</u>
Village level worker Extension Assistant/helper	<u>10-12</u> years	<u>Master farmer's diplome</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>SVBL - Committee</u>
Cantons	<u>In some few Cantons only</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Ag Advisory Services in Switzerland	German, French, and English

SYRIAN ARAB REPUBLIC

Name and mailing address
of the national extension
organization

Ministry of Agriculture & Agrarian Reform.
Directorate of Agricultural Extension.
Hijjaz Square, Demascus.
Syrian Arab Republic.

Title of the officer to whom
inquiries should be addressed

Director of Agricultural Extension.

Extension organization was first organized in 1955

Financial support comes from the Ministry of Agriculture and Agricultural
Chambers.

Program Objectives:

1. To hold Farm Days.
2. To conduct Demonstration Fields.
3. To provide Agricultural Extension Services.
4. To hold general meetings for farmers.

Client Groups Served: Smaller Subsistence Farmers and Home Economics
Programs.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	43		4	51
District Level			31		31
Sub-district, County or Block level				57	57
Village or Community level				72	72
Totals	4	43	31	133	211

Educational Qualifications generally required of extension personnel by type of
position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-20</u> years	<u>B.Sc., M.Sc., or Ph.D.</u>
Technical or Subject Matter Specialist	<u>16-20</u> years	<u>B.Sc., M.Sc., or Ph.D.</u>
Extension officer, agent or instructor	<u>12-16</u> years	<u>B.Sc., Diploma in Agri.</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Diploma in Agri.</u>

TAIWAN

Name and mailing address of the national extension organization

Taiwan Provincial Department of Agriculture and Forestry
Chung Hsing Village, Nantu,
Taiwan, Republic of China

Title of the officer to whom inquiries should be addressed

Commissioner P.D.A.F.

Extension organization was first organized in 1952

Financial support comes from the Ministry of Agriculture, Farmer's Association and local governments.

Program Objectives: To increase agricultural production; To educate farmers to obtain new knowledge, apply new skill and develop new attitudes; To develop desirable living and production for farmers.

Client Groups Served: Smaller subsistence farmers, women farmers, young (adult) farmers and rural youth. They also have programs in home economics, nutrition, and family planning/child development.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	N.A.	N.A.	1,795
Agricultural Extension Agents/Assistants			6,046
Rural Youth Extension Agents/Assistants			3,634
Home Economics Extension Agents/Assistants			5,384
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs		134
	Export/Cash Crop Programs		152
	Livestock Programs		135
	Fisheries Programs		99
Agricultural Information Unit			16
Plant Protection			90
Forestry			97
Farm Machines			42
Soil and Fertilizer			43
Other:			158
Totals			17,825

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Total
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	12			17
Provincial or State Level	255	490	22		767
District level	645	448	92		1,185
Subdistrict, County or Block level	906		1,372		2,278
Village or Community level				13,578	13,578
Totals	1,811	950	1,486	13,578	17,825

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Bachelor of Science or M.S. Degree</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Above Junior College</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Above Senior High School or Voc. School</u>
Village level worker Extension Assistant/helper	<u>9</u> years	<u>Above Junior High School or Voc. School</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Leaflets for particular crop and livestock "Taiwan Agriculture" Bimonthly.	Chinese

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Taiwan Sugar Corp.
Taipei, Taiwan, Republic of China

Taiwan Provincial Fruits Marketing Cooperative
Taipei, Taiwan, Republic of China

Taiwan Tobacco and Wine Monopoly Bureau
Taipei, Taiwan, Republic of China

THAILAND

Name and mailing address of the national extension organization

The Department of Agricultural Extension
2143/1 Phaholyotin Road
Khet Bangkhen, Bangkok 9
Thailand

Title of the officer to whom inquiries should be addressed

Director of Planning and Special Projects
Division

Extension organization was first organized in 1968

Financial support comes from the Ministry of Agriculture and Cooperatives; World Bank.

Program Objectives:

1. To work in the best interest of the total agricultural development in the Kingdom;
2. To develop a cooperative, multi-purpose extension educational system;
3. To provide a more convenient source of technical agricultural knowledge to farmers;
4. To organize an in-service training program for all agricultural extension officers;
5. To provide wide-ranging technical services to farmers; and
6. To participate in the accelerated agricultural development program.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers as well as young (adult) farmers; rural youth programs, home economics programs and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	1,879	10	1,889
Agricultural Extension Agents/Assistants	3,672	936	4,608
Rural Youth Extension Agents/Assistants	15	6	21
Home Economics Extension Agents/Assistants	27	765	792
Food Crop Program Specialists	101	57	158
Agricultural Information Unit	7	11	18
Totals:	5,701	1,785	7,486

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	17	70			87
Provincial or State Level	144	127	288		559
District level	1,728		5,112		6,840
Totals	1,889	197	5,400		7,486

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Bachelor's degree</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>Bachelor or Master's degree</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Certificate (vocational school or college)</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>National Agri. Ext. Coordinating Committee</u>
Provincial or State	<u>Provincial Agri. Ext. Coordinating Committee</u>
District or County	<u>District Council</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
The National Agricultural Extension Project	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people: (See attached page)

1. **The Sugar Institute**
Ministry of Industry
Rama VI Rd.
Bangkok, Thailand
2. **National Youth Bureau**
Phitsanulok Road
Bangkok, Thailand
3. **Community Development Department**
Assadang Road
Bangkok, Thailand
4. **Rubber Replanting Aid Fund**
Bangkoknoi - Talingchan Road
Bangkok, Thailand
5. **Thailand - National Woman Council**
Lan Luang Road
Bangkok, Thailand

TOGO

Name and mailing address
of the national extension
organization

Projet de Développement Rural de la Région
Maritime (PRO. DE. R. MA.)
B.P. 446
Lome, Togo

Title of the officer to whom
inquiries should be addressed

Directeur Général

Extension organization was first organized in 1976

Financial support comes from the Ministère de l'Agriculture, Etat Togolais et
A.I.D. et F.A.C.

Program Objectives:

1. Améliorer et diversifier la production de maïs, manioc, arachide, niébé
coton.
2. Créer 3.000 ha de riziculture pluviale de bas-fond et 25 ha de cul.
Maraîchères.
3. Renover 600 ha de petites plantations de cocotiers.
4. Fournir les services d'appui et l'infrastructure nécessaires pour environ
20,000 familles d'agriculteurs.
5. Création d'infrastructures sociales et économiques (dispensaires - pistes
rurales retenues d'eau - magasins - marchés).

Client Groups Served: Exploitations familiales de moindre importance.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	8		8
Food Crop Extension Specialists	200		200
Agricultural Information Unit	4		4
Totals:	212		212

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Direction	8		20	4	32
Sect.			30		30
S/S			150		150
Totals	8		200	4	212

Educational Qualifications generally required of extension personnel by type of position.

Type of Position:

Administrative or Supervisory officer

Extension officer, agent or instructor

Village level worker
Extension Assistant/helper

Type of diploma, degree or certificate generally needed for this type of position

Diplomes Universitaires

Niveau Secondaire

C.E.P.E.

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

SOTOCO - SRCC - SONAPH - TOGOGRAIN - TOGOFRUIT
s/c Ministère du Développement Rural
Lome, Togo

TONGA

Name and mailing address
of the national extension
organization

The Extension Division
Ministry of Agriculture, Forestry and Fisheries
P.O. Box 14, Nuku'alofa
Tonga, South Pacific

Title of the officer to whom
inquiries should be addressed

The Head of Division

Extension organization was first organized in 1969

Financial support comes from the Ministry of Agriculture with bilateral and multi-lateral aid programmes.

Program Objectives:

1. To encourage the production of import substituting crops as well as crops for export.
2. To encourage and develop the skills of housewives in family nutrition, handicraft making, sewing and other home industries.
3. To encourage the development of farm family income generating projects.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers and young (adult) farmers. They also have programs in home economics and nutrition for women.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		7		7
Agricultural Extension Agents/Assistants		23		23
Home Economics Extension Agents/Assistants			9	9
Extension Specialists, Officers and/or Agents Who Specialize In:	Export/Cash Crop Programs	3		3
	Livestock Programs	5		5
	Fisheries Programs	20		20
Agricultural Information Unit		3	1	4
Forestry (4) and Quarantine (2)		6		6
Totals:		67	10	77

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4	5			9
Provincial or State Level	3	2			5
Village or Community level			44	19	63
Totals	7	7	44	19	77

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>B.Sc. Degree, M.Sc.</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>B.Sc. Degree.</u>
Extension officer, agent or instructor	<u>12</u> years	<u>50% Diploma</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>None required</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Director, Ministry of Health
Nuku'alofa, Tonga

U.S.P. Centre
Nuku'alofa, Tonga

TRINIDAD and TOBAGO

Name and mailing address of the national extension organization

Extension Division
Ministry of Agriculture, Lands and Fisheries
St. Clair Circle, Port of Spain
Trinidad, West Indies

Title of the officer to whom inquiries should be addressed

Technical Officer, Extension

Extension organization was first organized in

Financial support comes from the Ministry of Agriculture

Program Objectives: Advisory services for improved agricultural technology; training to upgrade knowledge and skills; production and sale of planting material and livestock; operating breeding units and demonstration stations; administer national agricultural subsidy programme; distribution of state lands; and development of agricultural access roads.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, women farmers, young (adult) farmers, home gardeners and rural youth programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2		2
Agricultural Extension Agents/Assistants	118	7	125
Rural Youth Extension Agents/Assistants	6	2	8
Agricultural Information Unit	11	1	12
Totals:	137	10	147

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	1			3
District level		6	10		16
Subdistrict, County or Block level			95	32	127
Totals	2	7	105	32	146

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>B.Sc. Degree in Agric.</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>B.Sc. Degree in Agric.</u>
Extension officer, agent or instructor	<u>11-13</u> years	<u>Diploma in Agric.</u>

Written material describing current extension programs:

Title of the publication(s):

language(s)

Programme Plans 1980

English (unpublished)

TUNISIA

Name and mailing address
of the national extension
organization

Division de la Vulgarisation et du Recyclage
30 Rue Alain Savary, Tunis, Tunisia

Title of the officer to whom
inquiries should be addressed

Ministère de l'Agriculture

Financial support comes from Ministère de l'Agriculture

Program Objectives: Information des agricultures sur l'utilisation rationnelle des
facteurs et des moyens de productions dans le cadre des objectifs fixés par
la planification nationale.

Client Groups Served: Exploitations familiales de moindre importance, cultivat-
rices, jeunes cultivateurs (adultes)

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	2		2
Agricultural Information Unit	2	3	5
Subject matter specialists	8		8
Totals:	12	3	15

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	2	8	5		15
Totals	2	8	5		15

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>Diplôme d'Ingénieur</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>Diplôme d'Ingénieur</u>
Extension officer, agent or instructor	<u>14</u> years	<u>Diplôme d'Ingenieur Technique</u>

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
Programme d'activité de la D-V-R	Français
Programme de vulgarisation par projet	Français

TURKEY*

Name and mailing address
of the national extension
organization

The Ministry of Food, Agriculture and
Animal Husbandry
General Directorate of Agricultural Affairs
Bakanliklar - Ankara, TURKEY

Title of the officer to whom
inquiries should be addressed

Chief of Organization Section

Extension organization was first organized in 1974

Financial support comes from the Ministry of Food, Agriculture and Animal
Husbandry.

Program Objectives: All kinds of useful technical and practical knowledges are
taught to the farmers by agricultural extension. It has also taught them to
find appropriate solutions to their problems by themselves. All of the
farmers in our country are educated and instructed in their fields on their
affairs by agricultural extension.

Client Groups Served: Producers of grains, cotton, heliotrope, soy beans,
potatoes, legumes, fruits, vegetables, cheese, milk, and sheep (wool).

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	40	60			100
District level	134		610		744
Subdistrict, County or Block level	160		2,192		2,352
Village or Community level			2,327		2,327
Totals	334	60	5,129		5,523

Educational Qualifications generally required of extension personnel by type of
position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Agricultural Engineer (Admin./Tech. Specialist)	15 years	Agricultural College
Agricultural Technician (Extension Officer)	11 years	Agricultural High School

UNITED ARAB EMIRATES

Name and mailing address of the national extension organization

Ministry of Agriculture and Fisheries
P.O. Box 1509
Dubai, United Arab Emirates

Title of the officer to whom inquiries should be addressed

Director of Plant Resources Department

Extension organization was first organized in 1978

Financial support comes from the Ministry of Agriculture

Program Objectives: Advise farmers to adopt new practices in agriculture.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		3		3
Agricultural Extension Agents/Assistants		43		43
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	12		12
	Fisheries Programs	3		3
Agricultural Information Unit		2		2
Totals:		63		63

Size of Program Staff:

	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
Administrative Level:	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	3		20	40	63
Totals	3		20	40	63

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative officer	<u>3</u> years	<u>Diploma in Agri. (National)</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>M.Sc., Ph.D</u>
Extension officer, agent or instructor	<u>10</u> years	<u>B.Sc. Diploma</u>

UNITED KINGDOM

Name and mailing address of the national extension organization

Ministry of Agriculture, Fisheries, and Food
Agricultural Development and Advisory Service
Great Westminister House, Horseferry Road
London SW1P 2AE ENGLAND

Title of the officer to whom inquiries should be addressed

Directoral General

Extension organization was first organized in 1971

Financial support comes from the Ministry of Agriculture, Fisheries and Food

Program Objectives:

1. To provide an impartial advisory and development service in the most economic and effective way to producers in the agricultural and horticultural industries, in order to make the maximum impact on agricultural productivity.
2. To advise the Ministry on agricultural support schemes and to perform professional and technical functions in the implementation of these schemes, and to assist the Department in its national responsibilities.

Client Groups Served: Larger commercial farmers.

Size of Program Staff:

The total personnel devoted to extension is 923 person years; however, it is not possible to split this effort from other ADAS functions, including research and development, and policy related work.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16-17</u> years	<u>Diploma or B.Sc. degree</u>
Technical or Subject Matter Specialist	<u>16-17</u> years	<u>Diploma or B.Sc. degree</u>
Extension officer, agent or instructor	<u>16-17</u> years	<u>Diploma or B.Sc. degree</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Description of the extension work of the five services of ADAS.	English
MAFF publications and their catalogues	English

Name and mailing address of the national extension organization Extension Service
 Science and Education Administration
 United States Department of Agriculture
 Washington, D.C. 20250

Title of the officer to whom inquiries should be addressed Extension Administrator

Extension organization was first organized in 1914

Financial support comes from the United States Department of Agriculture (35%), state appropriations (43%), county appropriations (19%), and non-tax sources (3%).

Client Groups Served: Rural and urban families and communities, with programs in areas such as crop and livestock production, horticulture, foods and nutrition, human health, housing and safety, rural youth and community development.

Distribution of Extension Personnel by Program Area and Sex:*

Program Area:	Males	Females	Totals
General Administrative/Supervisory Officers	N.A.	N.A.	N.A.
Agricultural Extension Agents/Assistants			7,948
Rural Youth Extension Agents/Assistants			6,058
Home Economics Extension Agents/Assistants			8,044
Community Resource Development			1,605
Totals:			23,655

*Planned full-time equivalent staff for 1981; actual number of personnel employed will exceed this total number by approximately 500.

Size of Program Staff: (1979 Data)

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	N.A.				N.A.
State Level	1,330	4,487			5,817
Regional level			689		689
County level			11,577	6,019*	17,596
Totals	1,330	4,487	12,266	6,019	24,102

*Projected number of paraprofessionals for 1981; remaining data is based on actual number of personnel employed in 1979.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>20</u> years	<u>Ph.D. degree</u>
Technical or Subject Matter Specialist	<u>17-20</u> years	<u>M.S. or Ph.D. degree</u>
Extension officer, agent or instructor	<u>16-18</u> years	<u>B.S. or M.S. degree</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

State Level	<u>State Advisory Councils</u>
County Level	<u>County Advisory Councils</u>

State Extension Organizations: Since extension work in the United States is organized at the state level, rather than nationally, the following is a list of all state extension services, and a table indicating the size and distribution of each state staff by type of position. Inquiries about individual state programs should be sent to the Director of each state organization.

Cooperative Extension Service
Auburn University
Auburn, ALABAMA 36830

Cooperative Extension Service
University of Connecticut
Stoors, CONNECTICUT 06266

Cooperative Extension Service
University of Alaska
Fairbanks, ALASKA 99701

Agricultural Extension Service
University of Delaware
Newark, DELAWARE 19711

Agricultural Extension Service
University of Arizona
Tucson, ARIZONA 85721

Cooperative Extension Service
Federal City College
Washington, DIST. OF COLUMBIA 20005

Agricultural Extension Service
University of Arkansas
Little Rock, ARKANSAS 72701

Agricultural Extension Service
University of Florida
Gainesville, FLORIDA 32601

Agricultural Extension Service
University of California
Berkeley, CALIFORNIA 94720

Agricultural Extension Service
University of Georgia
Athens, GEORGIA 30601

Cooperative Extension Service
Colorado State University
Fort Collins, COLORADO 80521

Agricultural Extension Service
University of Guam
Agana, GUAM 96910

Agricultural Extension Service
University of Hawaii
Honolulu, HAWAII 96822

Cooperative Extension Service
University of Idaho
Moscow, IDAHO 83843

Cooperative Extension Service
University of Illinois
Urbana, ILLINOIS 61801

Cooperative Extension Service
Purdue University
Lafayette, INDIANA 47907

Cooperative Extension Service
Iowa State University
Ames, IOWA 50010

Cooperative Extension Service
Kansas State University
Manhattan, KANSAS 66506

Cooperative Extension Service
University of Kentucky
Lexington, KENTUCKY 40506

Cooperative Extension Service
Louisiana State University
Baton Rouge, LOUISIANA 70803

Cooperative Extension Service
University of Maine
Orono, MAINE 04473

Cooperative Extension Service
University of Maryland
College Park, MARYLAND 20742

Agricultural Extension Service
University of Massachusetts
Amherst, MASSACHUSETTS 01002

Cooperative Extension Service
Michigan State University
East Lansing, MICHIGAN 48823

Agricultural Extension Service
University of Minnesota
St. Paul, MINNESOTA 55101

Cooperative Extension Service
Mississippi State University
State College, MISSISSIPPI 39762

Cooperative Extension Service
University of Missouri
Columbia, MISSOURI 65201

Cooperative Extension Service
Montana State University
Bozeman, MONTANA 59715

Cooperative Extension Service
University of Nebraska
Lincoln, NEBRASKA 68503

Cooperative Extension Service
University of Nevada
Reno, NEVADA 89507

Cooperative Extension Service
University of New Hampshire
Durham, NEW HAMPSHIRE 03824

Cooperative Extension Service
Rutgers - The State University
New Brunswick, NEW JERSEY 08903

Cooperative Extension Service
New Mexico State University
Las Cruces, NEW MEXICO 88003

Cooperative Extension Service
New York State College of Agriculture
Ithaca, NEW YORK 14850

Cooperative Extension Service
North Carolina State University
Raleigh, NORTH CAROLINA 27607

Cooperative Extension Service
North Dakota State University
Fargo, NORTH DAKOTA 58102

Cooperative Extension Service
Ohio State University
Columbus, OHIO 43210

Cooperative Extension Service
Oklahoma State University
Stillwater, OKLAHOMA 74074

Federal Coop. Extension Service
Oregon State University
Corvallis, OREGON 97331

Cooperative Extension Service
Pennsylvania State University
University Park, PENNSYLVANIA 16802

Agricultural Extension Service
University of Puerto Rico
Rio Piedras, PUERTO RICO 00928

Cooperative Extension Service
University of Rhode Island
Kingston, RHODE ISLAND 02881

Cooperative Extension Service
Clemson University
Clemson, SOUTH CAROLINA 29631

Cooperative Extension Service
South Dakota State University
Brookings, SOUTH DAKOTA 57006

Agricultural Extension Service
University of Tennessee
Knoxville, TENNESSEE 37901

Agricultural Extension Service
Texas A & M University
College Station, TEXAS 77843

Cooperative Extension Service
Utah State University
Logan, UTAH 84321

Extension Service
University of Vermont
Burlington, VERMONT 05401

Cooperative Extension Service
Virginia Polytechnic Inst. & State U.
Blacksburg, VIRGINIA 24061

Agricultural Extension Service
College of the Virgin Islands
St. Croix, VIRGIN ISLANDS 00850

Cooperative Extension Service
Washington State University
Pullman, WASHINGTON 99163

Cooperative Extension Service
West Virginia University
Morgantown, WEST VIRGINIA 26506

Cooperative Extension Programs
University of Wisconsin
Madison, WISCONSIN 53706

Cooperative Extension Service
University of Wyoming
Laramie, WYOMING 82070

NUMBER OF EXTENSION PERSONNEL BY STATE (1979 DATA)

<u>State</u>	<u>Number of Counties</u>	<u>Directors and Assistant Directors</u>	<u>Administrative</u>	<u>Specialists</u>	<u>Supervisors</u>	<u>Area Agents</u>	<u>County Extension Agents</u>	<u>Paraprofessionals*</u>	<u>Total</u>
ALABAMA	67	3	7	101	21	23	370	159	684
ALASKA	4	2	4	8	2	1	17	4	38
ARIZONA	14	3	7	53	3	15	73	61	215
ARKANSAS	75	3	7	72	25	26	270	119	522
CALIFORNIA	58	11	5	115	7	28	336	174	676
COLORADO	63	6	3	43	6	15	159	31	263
CONNECTICUT	8	4		46	2	1	56	26	135
DELAWARE	3	3		24	2		23	19	71
DISTRICT OF COLUMBIA		1	9				41	19	70
FLORIDA	67	5	2	144	9	13	279	250	702
GEORGIA	159	4	9	169	26	5	457	366	1,036
HAWAII	12	2	3	35	1	4	37	23	105
IDAHO	44	3		38	7	17	102	19	186
ILLINOIS	102	3	9	126	25	51	355	263	832
INDIANA	92	8	6	164	11		305	114	608
IOWA	99	5	13	138	22	66	241	145	630
KANSAS	105	6	2	110	23	73	273	35	522
KENTUCKY	120	5	20	94	17	22	385	182	725
LOUISIANA	64	2	3	83	17		366	140	611
MAINE	16	1	1	33	2	10	51	43	141
MARYLAND	23	8	6	98	6	3	159	82	362
MASSACHUSETTS	14	2	1	80	4		115	72	274
MICHIGAN	83	3	13	158	32	4	324	216	750
MINNESOTA	87	3	5	187	24		321	78	618
MISSISSIPPI	82	3	20	73	34	25	280	155	590
MISSOURI	114	15	5	133	17		381	199	750
MONTANA	56	2	5	37	5		96	20	165
NEBRASKA	93	3	9	110	9		166	84	381
NEVADA	17	2	4	25	2	4	44	29	110
NEW HAMPSHIRE	10	4	1	28	4	1	63	15	116

NEW JERSEY	21	2		50	4		104	103	263
NEW MEXICO	32	3	2	31	8	11	96	18	169
NEW YORK	62	6	17	254	66	41	454	455	1,293
NORTH CAROLINA	100	8	1	174	29	9	606	245	1,072
NORTH DAKOTA	53	2	3	56	8	4	106	28	207
OHIO	88	3	16	94	24	45	290	172	644
OKLAHOMA	77	3	14	84	21	3	261	125	511
OREGON	36	1	14	86	11	1	163	41	317
PENNSYLVANIA	67	1	1	101	12	17	262	249	643
RHODE ISLAND	5	4	1	25	3		19	13	65
SOUTH CAROLINA	46	2	26	106	11	5	267	97	514
SOUTH DAKOTA	67	1	1	61	10	4	121	36	234
TENNESSEE	95	5	3	84	14		407	217	730
TEXAS	254	8	25	167	38	105	738	405	1,486
UTAH	29	3	7	35	12	9	64	20	150
VERMONT	14	3	3	30	7	1	49	62	155
VIRGINIA	98	13	11	139	31		464	191	849
WASHINGTON	39	2	4	72	9	7	152	80	326
WEST VIRGINIA	55	2	11	45	10	3	156	84	311
WISCONSIN	71	1	30	188	30	14	338	89	690
WYOMING	23	4	5	30	3	2	61	19	124
PUERTO RICO	67	5	11	48	10		254	110	438
VIRGIN ISLANDS		2		2		1		18	23
UNITED STATES (Total)	3,150	209	385	4,487	736	689	11,577	6,019	24,102

*Number of paraprofessionals is based on 1981 projections; actual data was unavailable for 1979.

UPPER VOLTA*

Name and mailing address of the national extension organization

Service de Vulgarisation
 Secrétariat Permanent
 Ministère du Développement Rural
 Ouagadougou, UPPER VOLTA

Title of the officer to whom inquiries should be addressed

Le Responsable National de la Vulgarisation

Extension organization was first organized in 1960

Financial support comes from the Ministry of Development and by foreign aid

Program Objectives: To teach the rural populations modern agricultural techniques and to promote their economic and social development.

Client Groups Served: Producers of sorghum and millet, beef and sheep, peanuts, cotton, rice and corn, chickens.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	10	15		30
Provincial or State Level	20	50	30		100
District level	40				40
Subdistrict, County or Block level			1,040		1,040
Totals	65	60	1,085		1,210

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>6</u> years	<u>Agricultural Engineer</u>
Technical or Subject Matter Specialist	<u>4</u> years	<u>Brevet in Ag-Technique</u>
Extension officer, agent or instructor	<u>1</u> years	<u>Certificate of Completion</u>

URUGUAY

Name and mailing address
of the national extension
organization

Dirección de Agronomías Regionales
Del Ministerio de Agricultura y Pesca
Rincón 422 5to.P. Montevideo Uruguay

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1925

Financial support comes from the Ministerio de Agricultura

Program Objectives:

- Divulgar los nuevos conocimientos desarrollados en los Centros de Investigación nacionales a Productores y Técnicos.
- Asesorar en materia técnica-agronómica en diversos aspectos del Sector Agropecuario a Productores, Instituciones y el propio Ministerio.
- Difundir y controlar diversas disposiciones de la Legislación Agropecuaria.

Client Groups Served: Agricultores comerciales medianos y grandes, pequeños agricultores de subsistencia, y técnicos.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	116	20	136
Agricultural Extension Agents/Assistants	33	5	38
Extension Specialists	29	5	34
Agricultural Information Unit	3		3
Totals:	181	30	211

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	16	3			19
Provincial or State Level	120	34	34	4	192
Totals	136	37	34	4	211

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer		<u>Estudios escolares y secundarios</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>Universitario (Ingeniero Agrónomo)</u>
Extension officer, agent or instructor	<u>16</u> years	<u>Universitario (Ingeniero Agrónomo)</u>
Village level worker Extension Assistant/helper	<u>14</u> years	<u>Técnica, Técnico Rural</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Plan Agropecuario
Bulevar Artigas 3602
Montevideo

Plan Citrícola
Av. 18 de Julio 1263
P.2, esc.5 y 7
Montevideo

Plan Granjero
Av. Uruguay 823
Montevideo

VANUATU

Name and mailing address of the national extension organization

Department of Agriculture and Rural Development
Vila
Vanuatu (formerly New Hebrides)

Title of the officer to whom inquiries should be addressed

Principal Training Officer

Extension organization was first organized in 1968

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. To help Ni-Vanuatu farmers to modernise and improve agricultural production.
2. To encourage production of export crops and those for import substitution.
3. To improve standards of living in the rural areas, and reduce urban drift.

Client Groups Served: Larger commercial farmers and smaller subsistence farmers. Programs for women farmers will begin in 1982.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		2		2
Agricultural Extension Agents/Assistants		44		44
Extension Specialists, Officers and/or Agents Who Specialize In:				
	Food Crop Programs	1		1
	Livestock Programs	2		2
Totals:		49		49

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	2	1		4
District level	1	1	3		5
Village or Community level			37	3	40
Totals	2	3	41	3	49

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15</u> years	<u>University degree</u>
Extension officer, agent or instructor	<u>11</u> years	<u>Local diploma in Agriculture</u>
Village level worker Extension Assistant/helper	<u>9</u> years	<u>School leaving certificate</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

SATEC
P.O. Box 173
Santo, Vanuatu (Cattle)

IRHO
P.O. Box 89
Santo, Vanuatu (Coconuts)

VENEZUELA*

Name and mailing address
of the national extension
organization

Dirección de Extensión
Ministerio de Agricultura y Cría
Centro Simón Bolívar
Torre Norte
Caracas, VENEZUELA, S.A.

Title of the officer to whom
inquiries should be addressed

Director de Extensión

Extension organization was first organized in 1942

Financial support comes from the Ministerio de Agricultura y Cría

Program Objectives:

1. Increase the agricultural production.
2. Increase standard of life in rural population.

Client Groups Served: Producers of corn, coffee, cocoa, cotton beans and sorghum.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	44				44
Provincial or State Level	79	30			118
District level	81				81
Subdistrict, County or Block level			1,028		1,028
Totals	204	39	1,028		1,271

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>Ing. Agr.</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>Ing. Agr.</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Perito Agropecuario</u>

Name and mailing address
of the national extension
organization

Bundesminister für Ernährung
Landwirtschaft und Forsten
Postfach 5300 Bonn, West Germany

Title of the officer to whom
inquiries should be addressed

Der Bundesminister

Extension organization was first organized in 1949

Financial support comes from the Ministry of Agriculture of the States and partly the farmers.

Program Objectives:

1. To give independent individual advice to farmers to enable them to make their own decisions.
2. To convince them of the need for purposeful action in order to organize and develop their enterprises in the most appropriate way.
3. To assist farmers in improving productivity of their enterprises in order to increase farm income and welfare of the people working on the farm.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, part-time farmers, women farmers, young (adult) farmers, and forestry owners; plus rural youth programs, home economics programs and nutrition programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals*
Agricultural Extension Agents/Assistants			907
Rural Youth Extension Agents/Assistants			101
Home Economics Extension Agents/Assistants			640
Extension Specialists, Officers and/or Agents Who Specialize In:			
	Food Crop Programs		1,193
	Livestock Programs		781
			12
Economic Staff			1,056
Social Economic Staff			287
Other Extension Staff			463
Totals:			5,440*

*Statistical data do not differentiate between males and females, but all home economics agents are women.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	<u>Supporting Personnel</u>		<u>"Change Agents"</u>		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4				4
Provincial or State Level	22	103			125
District level	71	873			944
Subdistrict, County or Block level	810		3,557		4,367
Totals	907	976	3,557		5,440

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>19</u> years	<u>Dipl. Ing. Agr., and 2 state examination (4 yrs. study)</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>ing. Agr., and two years preparation (3 yrs. study)</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Technician for agriculture</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

Provincial or State	<u>Planning and inforcement of the extension services</u>
District or County	<u>falls under the competence of each state.</u>

Written material describing current extension programs:

The states have complete programs for each activity in the extension service. On the national level: "Evaluation and Information Service for Food, Agriculture and Forestry," Konstatinstrabe 124, 5300 Bonn 2, West Germany.

WESTERN SAMOA*

Name and mailing address
of the national extension
organization

Department of Agriculture
Apia
Western Samoa

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in 1960

Financial support comes from the Department of Agriculture and UNO (limited)

Program Objectives:

1. To help farmers increase production and education development.
2. To promote rural development by disseminating information to farmers from research stations and other government agencies.

Client Groups Served: Producers of bananas, beef cattle, coconut, coffee, cocoa and small crops.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	3			4
Provincial or State Level	2	2			4
District level	5				5
Subdistrict, County or Block level			25		25
Village or Community level				30	30
Totals	8	5	25	30	68

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>B.Sc. (Agr.), M.Sc.</u>
Technical or Subject Matter Specialist	<u>18</u> years	<u>B.Sc. (Agr.), M.Sc.</u>
Extension officer, agent or instructor	<u>16</u> years	<u>B.Sc. (Agr.), Diploma Agr.</u>
Village level worker Extension Assistant/helper	<u>13</u> years	<u>Diploma Agr. or high school education</u>

YEMEN ARAB REPUBLIC*

Name and mailing address of the national extension organization

Department of Extension Services
Ministry of Agriculture
Sana'a, YEMEN ARAB REPUBLIC

Title of the officer to whom inquiries should be addressed

Director Extension Department

Extension organization was first organized in 1963

Financial support comes from UNDP and World Bank

Program Objectives:

1. Running of Agriculture Extension Services.
2. Supervising of Extension Services in all Yemeni Governorates (Provinces).
3. Local training for Extension officers.
4. Establishing new centres for Agricultural Extension Services in Hodeida Province, Taiz and Ibb.

Client Groups Served: Producers of sorghum, wheat, barley, cotton and maize.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	4				4
Provincial or State Level	6				6
Subdistrict, County or Block level			40		40
Totals	10		40		50

*1975 Data

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>18</u> years	<u>M.Sc.</u>
Technical or Subject Matter Specialist	<u>10</u> years	<u>High School Diploma</u>
Extension officer, agent or instructor	<u>15</u> years	<u>Training Certificate</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>Training</u>

Name and mailing address
of the national extension
organization

Department of Research and Extension
Ministry of Agriculture and Agrarian Reform
Aden, People's Democratic Republic of Yemen

Title of the officer to whom
inquiries should be addressed

Director of Department

Extension organization was first organized in 1979

Financial support comes from the Ministry of Agriculture

Program Objectives:

1. Improvement of crop production at state farms and cooperatives.
2. Training of middle and low level manpower on the adoption of improved agricultural practices and modern farming.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, as well as women farmers, young (adult) farmers, home economics programs, and family planning/child development programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	21	2	23
Agricultural Extension Agents/Assistants	83		83
Food Crop Specialists	12		12
Agricultural Information Unit	5		5
Totals:	121	2	123

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	2			7
Provincial or State Level	10	10	30		50
District level	13		13	40	66
Totals	28	12	43	40	123

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>B.Sc., M.Sc.</u>
Technical or Subject Matter Specialist	<u>15</u> years	
Extension officer, agent or instructor	<u>13</u> years	<u>Secondary School degree</u>
Village level worker Extension Assistant/helper	<u>5</u> years	

Written material describing current extension programs:

<u>Title of the publication(s):</u>	<u>language(s)</u>
1. First Aid Extension Materials	Arabic - English
2. Regular Reports on Program Execution	English - Arabic

ZIMBABWE (Agricultural Development)

Name and mailing address
of the national extension
organization

Department of Agricultural Development (DEVAG)
Private Bag 7743
Causway, Salisbury, Zimbabwe

Title of the officer to whom
inquiries should be addressed

Chief Extension and Training Officer

Extension organization was first organized in 1926

Financial support comes from the Ministry of Lands, Natural Resources and Rural
Development

Program Objectives:

1. To carry out the policies of government in relation to the agricultural development of the Tribal Trust Land.
2. To promote the development of the Tribal Trust people through extension.
3. To examine, plan and implement agriculturally based development by:
 - a. raising per capita
 - b. bringing farmers into the cash economy
 - c. wise use of natural resources
 - d. raising agricultural production on a sustained basis firstly and then contribution to national production.

Client Groups Served: Smaller subsistence farmers, women farmers, young
(adult) farmers, and master farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		36	1	37
Agricultural Extension Agents/Assistants		1,323	13	1,336
Rural Youth Extension Agents/Assistants		59		59
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	5		5
	Livestock Programs	8		8
	Fisheries Programs	6		6
Agricultural Information Unit		1		1
Other:		21		21
Totals:		1,459	14	1,473

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	10	25		22	57
Provincial Level	8	27	4	3	42
Regional level	19		90		109
Subdistrict, County or Block level				1,265	1,265
Totals	37	52	94	1,290	1,473

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>*15</u> years	<u>B.Sc. degree or Diploma*</u>
Technical or Subject Matter Specialist	<u>*15</u> years	<u>B.Sc. degree or Diploma*</u>
Extension officer, agent or instructor	<u>*15</u> years	<u>B.Sc. degree or Diploma*</u>
Village level worker Extension Assistant/helper	<u>9</u> years	<u>plus 3 years certification</u>

* with different number of years of experience.

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level Agricultural Rural Development Authority (ARDA)

Village or Community Master farmer clubs and group development area comm.

Written material describing current extension programs:

Title of the publication(s): _____ language(s)

The Role of DEVAG _____ English
 Various papers on special interest subjects

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Zimbabwe Young Peoples Service
 (Young Farmers Clubs)
 Old Shell House
 Salisbury, Zimbabwe

Federation of African Womens Clubs
 Suite 9, First Floor
 Traduna House
 Samora Machel Avenue
 Salisbury, Zimbabwe

ZIMBABWE (Conservation and Extension)

Name and mailing address
of the national extension
organization

Department of Conservation and Extension
P.O. Box 8117, Causeway
Salisbury, Zimbabwe

Title of the officer to whom
inquiries should be addressed

to the Director

Extension organization was first organized in 1949

Financial support comes from the Ministry of Agriculture

Program Objectives: To implement government policy in respect of the development of the agricultural industry; To communicate with farmers disseminating existing and new knowledge in order to increase economic and profitable production; To stimulate the adoption of methods, practices and systems of farming which are in accordance with the soil/veld/climatic environment, with emphasis on sustained productivity within the discipline of sound conservation and land use principles.

Client Groups Served: Larger commercial farmers, smaller commercial farmers, young farmers. (Zimbabwe young peoples services. Teachers. School junior and senior).

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
General Administrative/ Supervisory Officers		76	52	128
Agricultural Extension Agents/Assistants		359	10	369
Rural Youth Extension Agents/Assistants		4		4
Conservation Extension Agents		134		134
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	16	1	17
	Export/Cash Crop Programs	13		13
	Livestock Programs	15		15
Agricultural Information Unit		5	3	8
Planning and Training Branches		60	8	68
Engineering and Irrigation Branch		92	7	99
Totals:		774	81	855

Size of Program Staff:*

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	11	57	2		70
Provincial or State Level	9	24			33
District level	23	25	63		111
Subdistrict, County or Block level				38	38
Village or Community level				256	256
Totals	43	106	65	294	508

* These figures do not include clerical staff and technicians.

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>15-16</u> years	<u>B.Sc. Agriculture</u>
Technical or Subject Matter Specialist	<u>15-16</u> years	<u>B.Sc. Agriculture</u>
Extension officer, agent or instructor	<u>14-16</u> years	<u>3-4 years degree or 2 years diploma</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>7 years school plus 2-3 years diploma</u>

Public Participation in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Commercial Farmer's Union</u>
Provincial or State	<u>Branch of Commercial Farmer's Union</u>
District or County	<u>Farmers' Associations - Intensive Conservation Area Committees</u>
Village or Community	<u>Farmers' Associations - Intensive Conservation Area Committees</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Annual Report	English
Technical Bulletins (All aspects)	Most English, plus Shona and Ndebele

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Department of Research & Specialist Services
P.O. Box 8108, Causeway
Salisbury, Zimbabwe

Ministry of Water Development
P. Bag 7712, Causeway
Salisbury, Zimbabwe

Ministry of Home Affairs
P. Bag 7702, Causeway
Salisbury, Zimbabwe

Ministry of Lands Natural Resources and Rural Development
P. Bag 7726, Causeway
Salisbury, Zimbabwe

Commercial Farmers Union
P.O. Box 1241
Salisbury, Zimbabwe

Tobacco Research Board
Kutsaga Research Station
P.O. Box 1909
Salisbury, Zimbabwe

Tribal Trust Land Development Corporation
P.O. Box 3600
Salisbury, Zimbabwe

Rhodesia Fertilizer Corporation Ltd.
P.O. Box 385
Salisbury, Zimbabwe

Name and mailing address of the national extension organization

Veterinary Extension Division
 Department of Veterinary Sciences
 P.O. Box 8012
 Causeway Salisbury, Zimbabwe

Title of the officer to whom inquiries should be addressed

Professional Assistant to the Director

Extension organization was first organized in 1967

Financial support comes from the Ministry of Agriculture

Program Objectives:

To improve farmer's knowledge on basic care of livestock -- husbandry and disease control.

Client Groups Served: smaller subsistence farmers, women farmers and young (adult) farmers.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
Veterinary Extension Officers	3		3
Totals:	3		3

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level		3			3
Totals		3			3

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Technical or Subject Matter Specialist	<u>12</u> years	<u>3 years certificate in Agric. or 2 years Diploma</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Rhodesia Science News Vol. 8, No. 3, March 1974	English

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

Zimbabwe Young People's Service (Z.Y.P.S.)
Ministry of Youth and Recreation
P.O. Box 8188
Causeway Salisbury, Zimbabwe

BRASIL

Name and mailing address
of the national extension
organization

Empresa Brasileira de Assistencia
Técnica e Extensão Rural
SEPN, Q. 515, Lote 03
Brasilia, D. F. Brasil

Title of the officer to whom
inquiries should be addressed

President

Extension organization was first organized in 1948

Financial support comes from The Ministry of Agriculture and State Governments.

Program Objectives:

Provide technical assistance and Rural Extension Services to the rural population, primarily small and medium farmers, their families and communities, in order to raise their income and well-being, especially through the increase of agricultural production and productivity.

Client Groups Served: Larger Commercial Farmers, Smaller Subsistence Farmers, Young (Adult) Farmers; Rural Youth Programs, Home Economics and Nutrition Programs.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	N.A.	N.A.	360
Agricultural Extension Agents/Assistants			8034
Monitors			1419
Specialists			1754
Totals:	N.A.	N.A.	11567

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	23	145			168
Provincial or Regional level	147	943			1090
District level	190	666			856
Sub-district, County or Block level			8034		8034
Village or Community level				1419	1419
Totals	360	1754	8034	1419	11567

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>16</u> years	<u>College Level</u>
Technical or Subject Matter Specialist	<u>16</u> years	<u>College Level</u>
Extension officer, agent or instructor	<u>16</u> years	<u>College Level</u>
Village level worker Extension Assistant/helper	<u> </u> years	<u>Variable</u>

Public Participation in Program Planning:

If the extension organization formally involve public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>COMPATER:INTER-Coordinating Group</u>
Provincial or State	<u>CTA: Technical and Administrative Council</u>
District or County	<u>County Development Council**</u>
Village or Community	<u>Community Leadership Council**</u>

**-do not exist in all Counties and Communities

Written material describing current extension programs:

Title of the publication(s):	language(s)
National Program of Technical Assistance and Rural Extension	Portuguese
Assorted Reports and Technical Publications	Portuguese

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

1. **Comissão Executiva do Plano da Lavoura Cacaueira
(CEPLAC)
SAS 5, Lote, 8, Ed. CEPLAC
70070 - Brasília-DF - BRASIL**
2. **Instituto Brasileiro do Café (IBC)
SCS, Ed. Palácio do Comércio, sala 306
70300 - Brasília-DF - BRASIL**
3. **Coordenadoria de Assistência Técnica Integral
Av. Brasil, 2340 - Caixa Postal 960
13100 - Campinas-SP - BRASIL**

MOROCCO

Name and mailing address of the national extension organization

Direction de la Vulgarisation et de la Réforme
Agraire
Ministère de l'Agriculture et de la Réforme
Agraire
Rabat, MOROCCO.

Title of the officer to whom inquiries should be addressed

Chef de la Division de la Vulgarisation Agricole

Extension organization was first organized in 1968

Financial support comes from the Ministère de l'Agriculture.

Program Objectives:

1. Augmentation de revenu des agriculteurs par l'amélioration des Techniques culturales et de gestion de leur entreprise.
2. Organisation professionnelle des agriculteurs
3. Formation de la jeunesse rurale.

Client Groups Served: Grandes Exploitation Commerciales, Exploitations Familiales de moindre importance, Cultivatrices, Jeunes Cultivateur (adultes); Programmes pour la Jeunesse Rurale et Cooperatives.

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	5	10	15	10	40
Provincial or State Level	20	30	310	70	430
Sub-district or County level			3920	950	4,870
Totals	25	40	4245	1030	5,340

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ingénieur Agronome ou Administrateur</u>
Technical or Subject Matter Specialist	<u>15</u> years	<u>Ingenieur Agronome ou Administrateur Adjoint</u>
Extension officer, agent or instructor	<u>12</u> years	<u>Adjoint Technique</u>
Village level worker Extension Assistant/helper	<u>11</u> years	<u>Agent technique, moniteur</u>

Public Participaton in Program Planning:

If the extension organization formally involves public participation in program planning, development and evaluation, the name of this committee or council is indicated at each level of the extension organization (where applicable).

National level	<u>Conceil National de la Vulgarisation</u>
Provincial or State	<u>Conceil Provincial de la Vulgarisation</u>
District or County	<u>Centre de Vulgarisation Agricole</u>

Written material describing current extension programs:

Title of the publication(s):	language(s)
Programme National de Vulgarisation	Francais

NIGERIA -- Ogun State

Name and mailing address
of the national extension
organization

Extension Services Division
Ministry of Agriculture and Natural Resources
Abeokuta, Ogun State, Nigeria

Title of the officer to whom
inquiries should be addressed

Chief Agricultural Officer

Extension organization was first organized in --

Financial support comes from the Ministry of Agriculture.

Program Objectives:

1. To stimulate farmer's production through the adoption of proven and acceptable package of modern technology for optimum food production.
2. To organize farmers into production and marketing associations for maximum profit from investment while fulfilling the additional objective of producing sufficient food and export crops for the national economy.

Client Groups Served: Larger commercial farmers, smaller subsistence farmers, young (adult) farmers and rural youth.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:		Males	Females	Totals
Extension Specialists, Officers and/or Agents Who Specialize In:	Food Crop Programs	256	15	271
	Export/Cash Crop Programs	124		124
	Livestock Programs	90	7	97
	Fisheries Programs	33	3	36
Agricultural Information Unit		6		6
Totals:		509	25	534

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
Provincial or State Level	4	10	2		16
District level	4	30	120	118	272
Subdistrict, County or Block level		9	65	320	394
Village or Community level				96	96
Totals	8	49	187	534	778

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>19</u> years	<u>O.N.D., H.N.D., B.Sc., M.Sc.</u>
Technical or Subject Matter Specialist	<u>19</u> years	<u>O.N.D., H.N.D., B.Sc., M.Sc.</u>
Extension officer, agent or instructor	<u>14</u> years	<u>O.N.D., H.N.D.</u>
Village level worker Extension Assistant/helper	<u>12</u> years	<u>O.N.D.</u>

Other Extension Organizations or governmental agencies that offer nonformal education programs to rural people:

The General Managers:

- 1) Agro Services Corporation,
- 2) Agric. Credit Corporation, Abeokuta, Ogun State, Nigeria.
- 3) The Permanent Secretary, Ministry of Health & Social Welfare, Abeokuta, Ogun State, Nigeria.

URUGUAY

Name and mailing address
of the national extension
organization

Comision Honoraria del Plan Agropecuaria
Bulevar Artigas 3802-Montevideo URUGUAY

Title of the officer to whom
inquiries should be addressed

Director

Extension organization was first organized in 1960

Financial support comes from the Ministerio de Agricultura.

Program Objectives:

Aumentar la producción e ingresos de los agricultores, mediante cambios en el manejo, y programas de desarrollo basados en inversiones tales como mejoramiento de pasturas, alambrados, agradas, maguinaría, instalaciones o ganado, con crédito supervisado.

Client Groups Served: Agricultores comerciales Medianos y Grandes, pequeños Agricultores de subsistencia.

Distribution of Extension Personnel by Program Area and Sex:

Program Area:	Males	Females	Totals
General Administrative/ Supervisory Officers	21		21
Agricultural Extension Agents/Assistants	50		50
Agricultural Information Unit	2		2
Specialists	6		6
Totals:	79		79

Size of Program Staff:

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS				Totals
	<u>Supporting Personnel</u>		<u>"Change Agents"</u>		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level	1	8			9
Provincial or State Level	5				5
District level	15		50		65
Totals	21	8	50		79

Educational Qualifications generally required of extension personnel by type of position.

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory officer	<u>17</u> years	<u>Ing. Agronomo</u>
Technical or Subject Matter Specialist	<u>17</u> years	<u>Ing. Agronomo</u>
Extension officer, agent or instructor	<u>17</u> years	<u>Ing. Agronomo</u>

APPENDIX A: Summary of Extension Personnel Data

On the following page we have summarized some basic extension personnel data for those national extension systems included in the Directory. Obviously not all countries are represented in these statistics and in certain cases 1975 data were used. Nevertheless, these data provide some rough estimates as to the allocation of extension workers to the different types of positions, the approximate proportion of male and female extension workers, and the distribution of extension workers between regions of the world. In the subsequent analysis that is planned, we expect to examine comparative data between countries and regions, such as the agricultural extension agent-farmer ratio; the proportion of women involved in agricultural extension work, especially in those countries where women play a major role in agricultural production and the allocation of resources between agriculture, home economics and rural youth programs. These data, plus the additional information collected from national extension programs in Asia, Africa, Latin America and the Caribbean, about the factors they perceive as limiting their effectiveness, should provide a comprehensive overview and assessment of national extension systems worldwide. We will send a copy of these findings to all institutions included in the Directory as soon as they are published.

SUMMARY OF EXTENSION PERSONNEL DATA

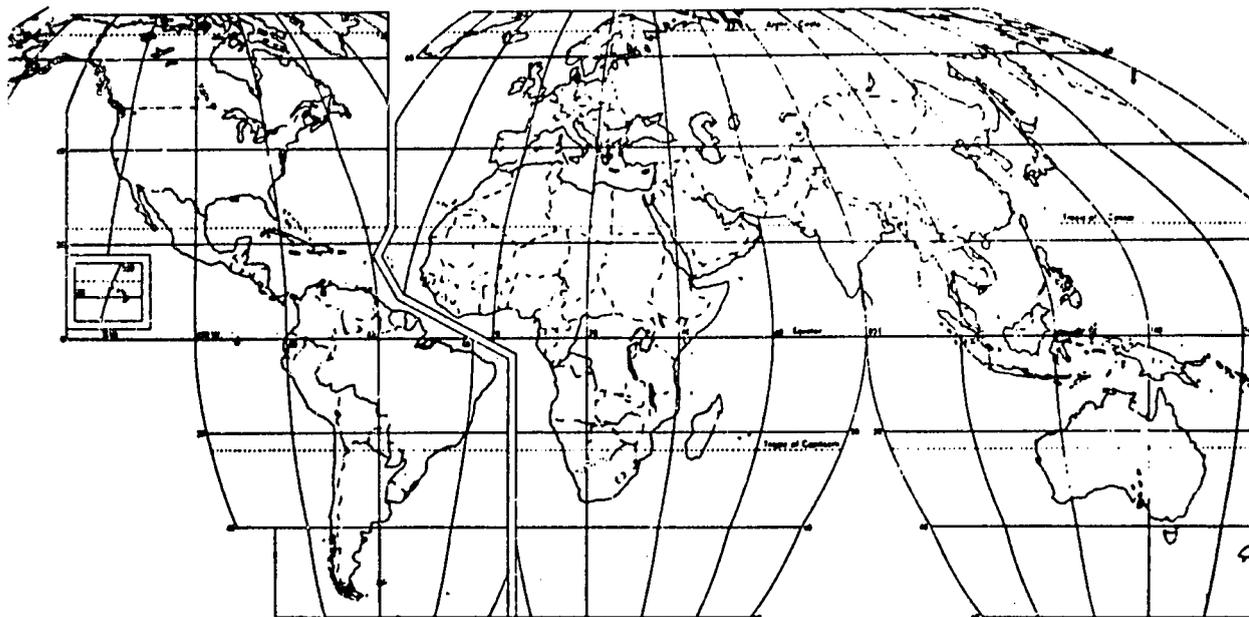
Region	Type of Position				Totals	Percent of Total	Distribution by Sex		Total
	Administrative Personnel	Technical Support Personnel	Extension Agents	Extension Assistants			Percent* Male	Percent* Female	
AFRICA									
No. of Personnel	1,170	1,368	12,531	9,284	24,353				
Percentage	5%	6%	51%	38%	100%	8%	97%	3%	100%
ASIA & OCEANIA									
No. of Personnel	17,967	12,476	66,054	107,587	204,084				
Percentage	9%	6%	32%	53%	100%	70%	77%	23%	100%
LATIN AMERICA & CARIBBEAN									
No. of Personnel	1,217	2,369	12,271	2,631	18,488				
Percentage	7%	13%	66%	14%	100%	6.5%	86%	14%	100%
EUROPE									
No. of Personnel	2,409	3,416	11,316	1,446	18,587				
Percentage	13%	18%	61%	8%	100%	6.5%	86%	14%	100%
NORTH AMERICA									
No. of Personnel	1,443	4,790	12,678	6,164	25,080				
Percentage	6%	19%	50.5%	24.5%	100%	9%	81%	19%	100%
TOTAL PERCENTAGE	24,211	24,419	114,850	127,112	290,592	100%	81%	19%**	100%
	8%	8%	40%	44%	100%				

* These percentages are based only on those 57 countries where male-female data were available.

** Approximately 41% of the female extension agents (or 7.8% of the total) are engaged in home economics related programs

APPENDIX B: INTERNATIONAL EXTENSION STUDY SURVEY INSTRUMENT

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

INTERNATIONAL EXTENSION STUDYInstructions:

The information requested on this form will be used in compiling a Second Edition of the International Directory of National Extension Organizations. The focus of this study includes both agricultural extension and related extension programs. For countries which provided information for the 1975 Directory, I have included a copy of this page for your reference. Please note, however, that there are a number of changes from the 1975 directory; therefore answer all questions as completely as possible. Please print plainly or use a typewriter. Thank you.

Sincerely yours,

Burton E Swanson

Burton E. Swanson
Assistant Professor and Chairman
International Extension Committee

INFORMATION FOR INTERNATIONAL DIRECTORY

1. Complete name and mailing address of the national extension organization _____

2. Title of the officer to whom inquiries for information should be addressed _____

3. In what year was the extension organization first organized or started?
 19 _____

4. Where does the financial support of your extension organization come from?
 Ministry or Department of Agriculture .. University .. Other (specify) _____

5. Client Groups Served:
 Some national extension systems serve only agricultural producers (farmers), while others serve a broader clientele. Please indicate which groups are the primary clients of your national extension system (check all that apply).

- | <u>Agricultural Extension Programs For:</u> | <u>Other Extension Programs:</u> |
|--|---|
| <input type="checkbox"/> Larger Commercial Farmers | <input type="checkbox"/> Rural Youth Programs |
| <input type="checkbox"/> Smaller Subsistence Farmers | <input type="checkbox"/> Home Economics Programs |
| <input type="checkbox"/> Women Farmers | <input type="checkbox"/> Nutrition Programs |
| <input type="checkbox"/> Young (Adult) Farmers | <input type="checkbox"/> Family Planning/Child Development Programs |
| <input type="checkbox"/> Other: _____ | <input type="checkbox"/> Other: _____ |

6. Program Objectives. Describe briefly or list the main objectives of your overall extension organization:

7a. Size of Program Staff. Please indicate the approximate number of professional and middle level personnel located at each administrative level and for each functional area within your organization. (NOTE: Extension organizations in some countries do not have extension personnel serving at all these administrative levels or in all these functional areas. Use the answer categories that best fit your organization.)

Administrative Level:	NUMBER OF EXTENSION PERSONNEL SERVING MAINLY AS:				Totals
	Supporting Personnel		"Change Agents"		
	Administrative or Supervisory Officers	Technical or Subject Matter Specialists	Extension Officers or Agents	Extension Assistants or Helpers	
National level					
Provincial or State level					
District level					
Sub-district, County or Block level					
Village or Community level					
Totals					

7b. Distribution of Extension Personnel by Program Area and Sex. In some national extension systems, extension personnel work on several types of programs, while in others they tend to specialize on specific programs. Given the number of professional and middle-level personnel listed above (in 7a), indicate approximately how many of your personnel spend the majority of their time on different types of agricultural programs, or on home economics programs, rural youth programs, etc., regardless of level. (Fill in only those boxes that apply)

	Males	Females	Totals
General Administrative/Supervisory Officers			
Agricultural Extension Agents/Assistants			
Rural Youth Extension Agents/Assistants			
Home Economics Extension Agents/Assistants			
Extension Specialists, Officers and/or Agents who Specialize In:	Food Crop Programs		
	Export/Cash Crop Programs		
	Livestock Programs		
	Fisheries Programs		
Agricultural Information Unit			
Other:			
Other:			
TOTALS			

8. How many years of formal education (on the average, including primary school), and what degrees, diplomas or certificates, do most extension personnel have when entering the agricultural extension organization; or when being promoted into each of the following types of positions within the organization?

<u>Type of Position:</u>	<u>Total years of formal education (ave.)</u>	<u>Type of diploma, degree or certificate generally needed for this type of position</u>
Administrative or Supervisory Officer	_____ years	_____
Technical or Subject Matter Specialist	_____ years	_____
Extension officer, agent or instructor	_____ years	_____
Village level worker Extension Assistant/helper	_____ years	_____

9. Public Participation in Program Planning: Does the national extension system or the Ministry of Agriculture have any formal mechanism (such as advisory committees or councils) for public participation into the planning process for extension programs?

NO YES

If yes, indicate at which level these committees or councils operate by checking Yes and writing in the name of the appropriate type of group(s) in the space provided. Where these councils or committees do not exist, check No; where not applicable, write N.A.

No Yes National level _____

No Yes Provincial or State _____

No Yes District or County _____

No Yes Village or Community _____

10. Do you have any written material describing your current national extension program and/or information on any special programs that you could supply to extension organizations in other countries?

no.. | yes.. in preparation.. | available in what language(s)

Title of the publication(s):

11. In some countries extension programs that serve women and/or rural youth are located in a different Ministry. Other countries have commodity associations, for crops such as cacao, tea, cotton or bananas, that have their own extension workers. Are there other organizations or governmental agencies in your country that offer extension programs to rural people?

no | yes

If yes, would you please provide the names and addresses of these other extension organizations on a separate piece of paper and return it with the questionnaire.

THANK YOU VERY MUCH.

Answers to the remaining questions will NOT appear in the Directory, but are an attempt by the International Extension Committee at the University of Illinois to get more information on the programs and needs of national extension systems. These data will be used in identifying potential problems facing national extension systems at the regional and/or global levels of analysis. These data will not be identified with any individual country or national extension organization.

Extension Personnel and Training

In a related study that the University of Illinois is presently conducting, we are determining how many intermediate and higher-level personnel are currently being trained in agriculture and related fields in each country. This other study will provide a comprehensive assessment of the supply side of the "supply and demand" equation for a trained personnel in agriculture and related fields. In this study we want to get a picture of the demand for trained personnel within national extension systems. To do so, please answer the following questions.

1. How many professional and field-level extension personnel left your national extension system during the 1979 calendar year due to retirements, deaths, resignations and any other reason? _____ Persons
2. How many new professional and field-level extension personnel were hired during the same 1979 calendar year? _____ Persons
3. Approximately how many professional and middle-level extension positions remained vacant at the end of the 1979 calendar year? _____ Vacancies
4. What is the primary reason for these vacancies not being filled?

5. If you had additional financial resources, would you give priority to hiring more extension personnel , or up-grading the quality of existing staff through in-service training and by providing better equipment and vehicles ? Check only one.
6. Does your national extension system have an Extension Information Unit for producing bulletins, radio programs, teaching materials and other materials for mass or group communications?
no yes If yes, how many professional staff members work in this unit? _____ Persons
7. Is there a training division within your extension organization, or some other training center(s), that organizes and conducts pre-service and/or in-service training courses and/or workshops for extension personnel?
no yes If yes, then answer the following:

Go on
to Q.
8

- a. Please indicate the approximate number of each of the following types of training courses that were offered by the training division or training center(s) during the past year (1979):

Types of Training Courses or Workshops		Approximate No. of courses or workshops completed	Typical length of these courses (specify no. of days, weeks, months)	Total No. of Participants
Technical training courses for:	Extension Assistants or Helpers			
	Extension officers/agents			
Extension methods courses for:	Extension Assistants or Helpers			
	Extension officers/agents			
Training courses or workshops for administrative or supervisory officers				
Others (specify):				

8. Problems Affecting Agricultural Extension: National Agricultural Extension Systems can be limited in their effectiveness by one or more of a variety of factors. The following list includes factors that are frequently mentioned as being important limiting factors. Please indicate which, if any, of these factors are a problem for your national extension system and the level of seriousness.

	<u>A Serious Problem</u>	<u>Somewhat of a Problem</u>	<u>Not a Problem</u>
A. <u>Technology Problems</u> : Appropriate technology is not available to extend to farmers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. <u>Linkage Problems</u> : A continuing two-way flow of information with the national agricultural research institution is lacking.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. <u>Technical Training Problems</u> : Field level extension personnel lack practical agricultural training about improved technology.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. <u>Extension Training Problems</u> : Extension personnel lack training in extension methods and communications skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. <u>Mobility Problems</u> : Field level extension personnel lack adequate transportation to efficiently reach farmers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. <u>Equipment Problems</u> : Extension personnel lack essential teaching and communication equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. <u>Lack of Teaching Aids</u> : Extension personnel lack essential teaching aids, bulletins, demonstration materials, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. <u>Organizational Problems</u> : Extension personnel are assigned many other tasks besides extension work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I. Other (specify): _____

If any of the foregoing factors are a serious problem(s) for your extension system, please indicate below which problems are most important in order of seriousness (list up to five factors).

Indicate Letter or Name from above

Most serious: _____
 Second most serious: _____
 Third most serious: _____
 Fourth most serious: _____
 Fifth most serious: _____