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**EVALUATION OF AID-ASSISTED  
AGRICULTURE UNIVERSITIES  
(Project 930-0085)**

**RONCO Consulting Corporation  
1629 K Street, N.W.  
Suite 401  
Washington, D.C. 20006**

**Prepared By: Dr. Alice Morton  
Mr. Alwin Miller**

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## TABLE OF CONTENTS

	<u>Page Number</u>
I. INTRODUCTORY DISCUSSION.....	1
II. AGGREGATE TABLES.....	7
III. PROJECT DATA SHEETS.....	24
Africa.....	25
Latin American and the Caribbean.....	81
Near East.....	99
APPENDIX I - LISTING OF CONTRACTOR PERSONNEL BY COUNTRY AND PROJECT.....	107
Africa.....	108
Asia.....	124
Latin America.....	139
Near East.....	149

I

**INTRODUCTORY DISCUSSION**

This report presents the findings of an analysis of existing data, available in the various AID data bases, on assistance to higher agricultural education in LDCs. It provides background information for selection of a series of projects which will be the subject of AID Impact Evaluations.

#### SCOPE OF WORK:

Initially, the Contractor, RONCO Consulting Corporation, was asked to analyze existing data on such projects that were begun before 1970. Included in this set was to have been assistance from AID and all its predecessor agencies. The set was to have been limited, however, to projects which provided assistance to agricultural higher education in a restricted list of countries, which could be characterized as "smaller" countries, or those in which there had not been a major series of projects assisting agricultural universities. Larger countries, which had received major assistance to agricultural higher educational institutions, such as Brazil, Nigeria and India, were seen as more appropriate for "country" impact studies rather than impact evaluations of individual projects.

Subsequently, the scope of work was changed in four ways. First, RONCO was asked to include all project assistance to agricultural higher education that commenced before 1970, regardless of the country. Here, the definition was to include all assistance to institutions providing post-secondary agricultural education. Second, RONCO was asked to prepare an aggregate table on similar assistance post-1970 as it had become fairly clear that many projects begun prior to 1970 had been extended and therefore had continued post-1970. Also, it was felt that such a table would be useful for purposes of comparison. Thus, a "before and after" look at country spread and total project dollar amounts of funding would be possible if the two aggregate tables were compared.

Third, the scope of work was changed to delete the requirement that the projects identified be presented in four configurations on the basis of elements they included, namely a) education, extension and research; b) education and extension; c) education and research, and d) research and extension. This change was made given the recognition that, especially in the earlier, "institution-building" projects, such distinctions would be fairly arbitrary, since the U.S. land grant institutions that had implemented the projects in almost all cases addressed all the elements. Fourth, the requirement that the "Contractor shall summarize any evaluative information gleaned from these documents that bears directly on the issues CDIE and BIFAD have identified for possible impact evaluation" was modified. Instead, we agreed to provide summaries of project accomplishments where possible since, in most cases, project report reviews or end of project reports prepared in the pre-1970 to period did not address these sorts of issues.

## DATA SOURCES AND APPROACH:

Mr. Alwin Miller, a retired AID Human Resources Officer, began the analysis. From personal involvement, he was able to remember not only particular projects with which he had been connected, but also the project number series that had applied at various times in the past to agriculture human resources development projects. He supplemented this knowledge base by the use of the PAISHIST system (Project Accounting Information System, Historical Data Base), the CDIE data base, and a review of the "Yellow" and "Blue" Books, which summarize university and other operational contracts by year from the beginning of U.S. foreign assistance of this type. In working through these various data sources, Mr. Miller found a variety of constraints that apply to analyses of this kind using AID records:

- Project files, after their retirement to Suitland, Maryland, are destroyed after five years;
- Audit Reports are also eventually destroyed;
- The data included in the CDIE data base begin only with 1974; are somewhat unreliable to the extent, for example, that they indicate LOP funding amounts drawn from the CPs, ABSS or PPs, and thus are records of intended funding levels rather than of actual obligations and expenditures, and require using a fairly large number of descriptors or key words to make sure that all the projects in a broad category of this kind are identified;
- The "Blue" and "Yellow" Books, though helpful, are not cross-indexed by project number and, being assembled on an annual basis, give little data on total obligations over a project's LOP, especially where there may have been more than one contract funded under a particular project;
- AID evaluations are not available for a number of the projects in this set since the current evaluation procedures were not in effect throughout the time period in question. This means sources for evaluative information are scanty for some of the earlier projects, and consist primarily of contractor reports.

In this connection, it may be useful to cite a summary statement from the introduction to the 1984 Annual Status Report on Title XII University Projects, which discusses AID data sources. This Report was used by RONCO as an additional cross-reference for projects post-December, 1975:

"Information needs to be gathered from multiple sources for two reasons; one, there is no complete single source of data, and two, the accuracy and completeness of the data requires (sic) cross checks".

The Status Report goes on to cite the CPs, ABSS, PIDs, PPS, and document W-253, "Project Assistance and Activities", BIFAD's project files, the CBD, CDIE, and AID officers and university officials as its data sources. This is essentially the same set of sources that has been used for identifying and analyzing data for this Report, with the exception of university officials.

#### DATA CONSTRAINTS:

It should be understood that the data included in this Report are, therefore, somewhat incomplete. It has not always been possible to be sure that a project identified by name, for example, in Ecuador, about which little information exists in documentary form, is really the same one for which we later found a contract number, for example, in the "Blue" Book of university contracts for a given year.

This becomes especially important if any extrapolations are to be made from these data, especially with regard to funding levels. The "confidence level" column in the aggregate tables indicates either that the dollar amount shown comes from PAISHIST, which is reliable (1), or from another, less reliable data source (2).

Given the data constraints, and the timeframe for carrying out the scope of work -- as well as our understanding of the objective of the work -- RONCO attempted to make the aggregate tables as accurate and complete as possible and to include, in the Project Data Sheet section, as much relevant "evaluative" information as possible for the pre-1970 projects which had been implemented in the original restricted list of countries. We have also included, where possible, Project Data Sheets with at least rudimentary information for pre-1970 projects in other countries. These projects are also included in the aggregate tables.

Where available, library reference numbers, or source numbers cited in the CDIE data base, are given to facilitate the work of impact evaluators once the final selection of projects/countries for evaluation has been made. Similarly, names of university staff who were associated with the implementation of projects which began before 1970 are presented in Appendix I, by region, and listed by the country and project title in question. Hopefully, this will serve as a useful resource for the evaluation teams.

RONCO would like to thank the staff of the AID Library for their patient and creative assistance in searching the various data bases in connection with this Contract.

## CRITERIA OF INCLUSION FOR POST-1970 PROJECTS:

The main source for the post-1970 project aggregate table was a print-out from the CDIE data base requested by Dr. Alice Morton, who completed the work that was begun by Mr. Miller. In order to facilitate inclusiveness in the results of the data base search, a large number of descriptors was used after an initial, more restricted set of descriptors failed to turn up projects assisting agricultural higher education we knew were presently in implementation. While there is no easy way to be certain that the second attempt includes all to the appropriate projects, the decision was made to be more rather than less inclusive in selecting those projects that would be included in the aggregate tables. Thus, where a project provided, or appeared to provide, any in-country post-secondary agricultural education or training, even if not in the context of broader assistance to a higher educational institution, it was included. This is significant, given that AID is presently including such training in a rather broad variety of agriculture projects. Where, however, it was clear that such training was being provided outside the context of an indigenous higher educational or training institution, the project was not included. This was the case, for example, where a number of ministry of agriculture officials were being offered participant training in the U.S., under a project which was designed to strengthen the planning capacity of the ministry, as is the case in Morocco and in a number of other countries under existing projects.

It may be worth mentioning that in reviewing the post-1970 projects, we noted that AID's style had changed significantly as it applies to the topic of this Report, perhaps in accord with the results of institution-building efforts carried out prior to 1970. That is, many projects involving research, training and extension are now implemented through ministries of agriculture, natural resources or livestock for research, and sometimes also for training and extension. Thus, the recent AID thrust which emphasizes agricultural research (for which there already exists an AID Impact Evaluation series), seems to be adapting, to some extent at least, to the reality that the universities set up in LCDs on a land grant or modified land grant model with AID assistance in the past may now not be carrying out the majority of agricultural research going on in their countries.

This review also indicates that institutional development assistance to agricultural universities, when assessed by numbers of projects at least, seems to have diminished significantly in the 1970s and 1980s, again perhaps at least partly because of the number and magnitude of such projects that went before. Also, in this more recent period, there has been a policy trend away from "bricks and mortar" projects to other kinds or styles of institutional development.

## PRESENTATION:

Section II presents the summary aggregate tables which give, by region, the US institution, LDC institution, project number, contract number, dates, total project funding amount, library reference number, and confidence level for each project identified, listed within regions by country. For ease of reference, for the restricted list of countries first identified in the scope of work, the same aggregate data are presented by project number, by U.S. institution, by country, dates, and LDC institution.

Section III presents additional information on individual projects, using a Project Data Sheet for each project included. Here, the attempt has been made to go beyond the initial restricted list of countries and, for projects begun before 1970, to have a Project Data Sheet for each country. For brevity of presentation, however, the sheets for projects in additional countries give documentary sources in which evaluative information is available, rather than summarizing that information on the sheet itself.

Finally, Appendix I provides, by country and project for the expanded set of pre-1970 projects, listings of U.S. institution staff involved in project implementation in the country in question. These are presented by region, to complement the presentation of the data in the aggregate tables, which is also by region, conforming to a request by the CDIE project officer.

II

**AGGREGATE TABLES**

data summary  
 Higher Education--Agriculture  
 Selected Countries and Projects  
 February 28, 1985

PROJECT NUMBER	COUNTRY	PROJECT TITLE	U.S. UNIVERSITY	LOC UNIVERSITY	CONTRACT NUMBER*	DATES
383-11-110-002	SRI LANKA (Ceylon)	AGRI EXT RES EDU				1956-65
383-11-660-006	SRI LANKA (Ceylon)	UNIVERSITY OF CEYLON	TEXAS A&M	U CEYLON	ICA-U-618	1956-64
391-11-660-144	BANG'ADESH	EAST PAKISTAN UNIVERSITIES	TEXAS A&M	U DACCA	ICAc-2141	1958-73
493	THAILAND		OREGON ST COLL	KASETSART U	LETTER	1954-60
493-11-110-087	THAILAND		U HAWAII	KASETSART U	AID/afe-1	1955-68
512-11-907	BRAZIL		PURDUE U	RUR UNIV MINAS GERAIS	ICA-U-639	1953-63
514-11-110-120	COLOMBIA	AGRICULTURAL EDUCATION	U NEBRASKA	INST COLOMBIAN AGR	USAID-514-581	1966-73
515-11-110-927	COSTA RICA	AG RES EDUC				1959-63
515-11-660-041	PANAMA	UNIVERSITY OF PANAMA	U TENNESSEE	U PANAMA	ICA-U-834	1959-68
518-11-110-015	ECUADOR	UNIVERSITY CONTRACT				1954-59
520-11-110-106	GUATEMALA	U KENTUCKY CONTRACT	U KENTUCKY	U SAN CARLOS	ICAc-1246	1957-61
520-11-110-190	GUATEMALA	AGRI EDUCATION				1968-73
525-13-110-015	PANAMA	AG RES EDU EXT				1956-64
526-11-660-053	PARAGUAY	NATL UNIVERSITY (AGRI/VET MED)	NEW MEXICO ST U	NATL U ASUNCION	AID/1a-199	1964-66
526-11-914	PARAGUAY		MONTANA STATE U	NATL U ASUNCION	ICAc-1417	1960-63
527-11-110-060	PERU	AGRI INSTITUTIONAL DEV			AID/1a-510	1962-71
527-11-110-117	PERU	AGRARIAN UNIVERSITY	NO CAROLINA ST	NATL SCH AGR	AIDc-1776	1965-71
527-15-660-0672	PERU	UNIVERSITY PROGRAMS				1967-72
528	URUGUAY		IOWA STATE U	U DE LA REPUBLICA ORIENTAIO	1a-65	1962-65
528-0041	URUGUAY	AGRIC INSTITUTIONAL DEV				1965-79
528-11-110-0415	URUGUAY	PROF TNG AGR SPECIALISTS				1962-69
608-11-110-088	MOROCCO	HIGHER AGR EDUCATION	U MINNESOTA	HASSAN II AGRO INST		1969-77
612-11-110-026	MALAWI	AGRICULTURAL DEVELOPMENT	U MASSACHUSETTS	BUNDA COLL AGR	AID/afe-62	1963-70
615-0102	KENYA	HIGH AGR EDUCATION	WEST VIRGINIA U	EGERTON COLLEGE	AID/afr-49	1962-72
618-11-110-618	UGANDA	MAKERERE AGR FAC (U EAST AFR)	WEST VIRGINIA U	MAKERERE AGR FAC	AID/afr-411	1964-73
620	NIGERIA		MICHIGAN STATE U	U NIGERIA	ICAc-1197	1960-69
621-11-110-044	TANZANIA	AGRI COLL TANZANIA	WEST VIRGINIA U	MOROGORO AG COLL	ICA/2255	1962-72
621-22-110-0580	TANZANIA	AGP COLLEGE				1963-68
636-11-110-005	SIERRA LEONE	AGRI EXT TRAINING				1969-70
636-11-110-015	SIERRA LEONE	NJALA UNIV COLLEGE	U ILLINOIS	NJALA U COLL	AID/afe-63	1963-71
660-13-110-012	CONGO REPUBLIC	CONGO POLY INST		CONGO POLY INST		1962-73
663-11-110-002	ETHIOPIA	AGR EDUC AND RESEARCH	OKLAHOMA STATE U	COLL AGR, ALEMAYA	ICA-U-629	1952-68
664-0169	TUNISIA	CHOTT MARIA AG SCH	TEXAS A&M	CHOTT MARIA AG SCH		1964-76
664-51-620-169	TUNISIA	CHOTT MARIA AG SCH	TEXAS A&M	CHOTT MARIA AG SCH		1962-73

\*If more than one contract was used in a project, only one contract number is given in this column  
 #Confidence level: 1 = PAISHIST; 2 = Other sources

Data Summary - In order of expenditure  
 Higher Education--Agriculture  
 Selected Countries and Projects  
 March 12, 1985

COUNTRY	U.S. UNIVERSITY	LOC UNIVERSITY	CONTRACT NUMBER*	PROJECT NUMBER	DATES	FUNDING	#
ETHIOPIA	OKLAHOMA STATE U	COLL AGR, ALEMAYA	ICA-W-629	663-11-110-002	1952-68	\$13,756,000.00	1
NIGERIA	MICHIGAN STATE U	U NIGERIA	ICAc-1197		1960-69	\$9,134,000.00	1
PERU			AID/1a-510	527-11-110-060	1962-71	\$7,658,000.00	2
MALAWI	U MASSACHUSETTS	BUNDA COLL AGR	AID/afe-62	612-11-110-026	1963-70	\$4,447,000.00	1
SIERRA LEONE	U ILLINOIS	NJALA U COLL	AID/afe-63	636-11-110-015	1963-71	\$2,951,000.00	1
URUGUAY				528-0041	1965-79	\$2,731,000.00	1
COLOMBIA	U NEBRASKA	INST COLOMBIAN AGR	USAID-514-58T	514-11-110-120	1966-73	\$2,731,000.00	1
BRAZIL	PURDUE U	RUR UNIV MINAS GERAIS	ICA-W-639	512-11-907	1953-63	\$2,522,560.00	2
BANGLADESH	TEXAS A&M	U DACCA	ICAc-2144	391-11-660-144	1958-73	\$2,434,000.00	1
TUNISIA	TEXAS A&M	CHOTT MARIA AG SCH		664-51-620-169	1962-73	\$2,231,000.00	1
TUNISIA	TEXAS A&M	CHOTT MARIA AG SCH		664-0169	1964-76	\$2,205,000.00	1
PERU	NO CAROLINA ST	NATL SCH AGR	AIDc-1776	527-11-110-117	1965-71	\$2,000,000.00	1
KENYA	WEST VIRGINIA U	EGERTON COLLEGE	AID/afr-19	615-0102	1962-72	\$1,857,000.00	1
MOROCCO	U MINNESOTA	HASSAN II AGRO INST		608-11-110-088	1969-77	\$1,641,000.00	1
SRI LANKA (Ceylon)				383-11-110-002	1956-65	\$1,406,000.00	1
THAILAND	U HAWAII	KASETSART U	AID/afe-1	493-11-110-087	1965-68	\$1,363,000.00	1
TANZANIA	WEST VIRGINIA U	MOROGORO AG COLL	ICA/2255	621-11-110-044	1962-72	\$1,345,000.00	1
UGANDA	WEST VIRGINIA U	MAKERERE AGRIC FAC	AID/afr-411	618-11-110-618	1964-73	\$1,342,000.00	1
CONGO REPUBLIC		CONGO POLY INST		660-13-110-012	1962-73	\$1,178,000.00	2
TANZANIA				621-22-110-0580	1963-68	\$1,071,000.00	1
URUGUAY	IOWA STATE U	U DE LA REPUBLICA ORIENTA	AID/1a-65		1962-65	\$1,065,000.00	2
SRI LANKA (Ceylon)	TEXAS A&M	U CEYLON	ICA-W-618	383-11-660-006	1956-64	\$978,000.00	1
THAILAND	OREGON ST COLL	KASETSART U	LETTER	493	1954-60	\$800,129.00	2
PANAMA				525-13-110-015	1956-64	\$676,000.00	1
PANAMA	U TENNESSEE	U PANAMA	ICA-W-834	515-11-660-041	1959-68	\$665,000.00	1
URUGUAY				528-11-110-0415	1962-69	\$527,000.00	1
PERU				527-15-660-0672	1967-72	\$520,000.00	1
COSTA RICA				515-11-110-927	1959-63	\$485,000.00	1
ECUADOR				518-11-110-015	1954-59	\$420,000.00	1
GUATEMALA				520-11-110-190	1968-73	\$305,000.00	1
SIERRA LEONE				636-11-110-005	1969-70	\$281,000.00	1
GUATEMALA	U KENTUCKY	U SAN CARLOS	ICAc-1246	520-11-110-106	1957-61	\$203,000.00	1
PARAGUAY	NEW MEXICO ST U	NATL U ASUNCION	AID/1a-199	526-11-660-053	1964-66	\$191,000.00	2
PARAGUAY	MONTANA STATE U	NATL U ASUNCION	ICAc-1417	526-11-914	1960-63	\$160,000.00	2

\*If more than one contract was used in a project, only one contract number is given in this column

#Confidence Level: 1 = PAISHIST; 2 = Other sources

Data Summary - By LDC University  
 Higher Education--Agriculture  
 Selected Countries and Projects  
 March 12, 1985

LDC UNIVERSITY	U.S. UNIVERSITY	COUNTRY	CONTRACT NUMBER*	PROJECT NUMBER	DATES	FUNDING	#
BUNDA COLL AGR	U MASSACHUSETTS	MALAWI	AID/afe-62	612-11-110-026	1963-70	\$4,447,000.00	1
CHOTT MARIA AG SCH	TEXAS A&M	TUNISIA		664-51-620-169	1962-73	\$2,231,000.00	1
CHOTT MARIA AG SCH	TEXAS A&M	TUNISIA		664-0169	1964-76	\$2,205,000.00	1
COLL AGR, ALEMAYA	OKLAHOMA STATE U	ETHIOPIA	ICA-W-629	663-11-110-002	1952-68	\$13,756,000.00	1
CONGO POLY INST		CONGO REPUBLIC		660-13-110-012	1962-73	\$1,178,000.00	2
EGERTON COLLEGE	WEST VIRGINIA U	KENYA	AID/afr-49	615-0102	1962-72	\$1,857,000.00	1
HASSAN II AGRO INST	U MINNESOTA	MOROCCO		608-11-110-088	1969-77	\$1,641,000.00	1
INST COLOMBIAN AGR	U NEBRASKA	COLOMBIA	USAID-514-58T	514-11-110-120	1966-73	\$2,731,000.00	1
KASETSART U	U HAWAII	THAILAND	AID/afe-1	493-11-110-087	1965-68	\$1,363,000.00	1
KASETSART U	OREGON ST COLL	THAILAND	LETTER	493	1954-60	\$800,129.00	2
MAKERERE AGRI FAC	WEST VIRGINIA U	UGANDA	AID/afr-411	516-11-110-618	1964-73	\$1,342,000.00	1
MOROGOPO AG COLL	WEST VIRGINIA U	TANZANIA	ICA/2255	621-11-110-044	1962-72	\$1,345,000.00	1
NATL SCH AGF	NO CAROLINA ST	PERU	AIDc-1776	527-11-110-117	1965-71	\$2,000,000.00	1
NATL U ASUNCION	NEW MEXICO ST U	PARAGUAY	AID/la-199	526-11-660-053	1964-66	\$191,000.00	2
NATL U ASUNCION	MONTANA STATE U	PARAGUAY	ICAc-1417	526-11-914	1960-63	\$160,000.00	2
NJALA U COLL	U ILLINOIS	SIERRA LEONE	AID/afe-63	636-11-110-015	1963-71	\$2,951,000.00	1
RUR UNIV MINAS GERAIS	PURDUE U	BRAZIL	ICA-W-639	512-11-907	1953-63	\$2,522,560.00	2
U CEYLON	TEXAS A&M	SRI LANKA (Ceylon)	ICA-W-618	383-11-660-006	1956-64	\$978,000.00	1
U DACCA	TEXAS A&M	BANGLADESH	ICAc-2144	391-11-660-144	1958-73	\$2,434,000.00	1
U DE LA REPUBLICA ORIENT	IOWA STATE U	URUGUAY	AID/la-65		1962-65	\$1,065,000.00	2
U NIGERIA	MICHIGAN STATE U	NIGERIA	ICAc-1197		1960-69	\$9,134,000.00	1
U PANAMA	U TENNESSEE	PANAMA	ICA-W-834	515-11-660-041	1959-68	\$665,000.00	1
U SAN CARLOS	U KENTUCKY	GUATEMALA	ICAc-1246	520-11-110-106	1957-61	\$203,000.00	1
		COSTA RICA		515-11-110-927	1959-63	\$485,000.00	1
		ECUADOR		518-11-110-015	1954-59	\$420,000.00	1
		GUATEMALA		520-11-110-190	1968-73	\$305,000.00	1
		PANAMA		525-13-110-015	1956-64	\$676,000.00	1
		PERU		527-15-660-0672	1967-72	\$520,000.00	1
		PERU	AID/la-510	527-11-110-060	1962-71	\$7,658,000.00	2
		SIERRA LEONE		636-11-110-005	1969-70	\$281,000.00	1
		SRI LANKA (Ceylon)		383-11-110-002	1956-65	\$1,406,000.00	1
		TANZANIA		621-22-110-0580	1963-68	\$1,071,000.00	1
		URUGUAY		528-11-110-0415	1962-69	\$527,000.00	1
		URUGUAY		528-0041	1965-79	\$2,731,000.00	1

\*If more than one contract was used in a project, only one contract number is given in this column

#Confidence level: 1 = PAISHISI; 2 = Other sources

Data Summary - By U.S. University  
 Higher Education--Agriculture  
 Selected Countries and Projects  
 March 12, 1985

U.S. UNIVERSITY	LOC UNIVERSITY	COUNTRY	CONTRACT NUMBER*	PROJECT NUMBER	DATES	FUNDING	#
IOWA STATE U	U DE LA REPUBLICA ORIENT	URUGUY	AID/1a-65		1962-65	\$1,065,000.00	2
MICHIGAN STATE U	U NIGERIA	NIGERIA	ICAc-1197		1960-69	\$9,134,000.00	1
MONTANA STATE U	NATL U ASUNCION	PARAGUAY	ICAc-1417	526-11-914	1960-63	\$160,000.00	2
NEW MEXICO ST U	NATL U ASUNCION	PARAGUAY	AID/1a-199	526-11-660-053	1964-66	\$191,000.00	2
NO CAROLINA ST	NATL SCH AGR	PERU	AIDc-1776	527-11-110-117	1965-71	\$2,000,000.00	1
OKLAHOMA STATE U	COLL AGR, ALEMAYA	ETHIOPIA	ICA-W-629	663-11-110-002	1952-68	\$13,756,000.00	1
OREGON ST COLL	KASETSART U	THAILAND	LETTER	493	1954-60	\$800,129.00	2
PURDUE U	RUR UNIV MINAS GERAIS	BRAZIL	ICA-W-639	512-11-907	1953-63	\$2,522,560.00	2
TEXAS A&M	CHOTT MARIA AG SCH	TUNISIA		664-0169	1964-76	\$2,205,000.00	1
TEXAS A&M	U DACCA	BANGLADESH	ICAc-2144	391-11-660-144	1958-73	\$2,434,000.00	1
TEXAS A&M	U CEYLON	SRI LANKA (Ceylon)	ICA-W-618	383-11-660-006	1956-64	\$978,000.00	1
TEXAS A&M	CHOTT MARIA AG SCH	TUNISIA		664-51-620-169	1962-73	\$2,231,000.00	1
U HAWAII	KASETSART U	THAILAND	AID/afe-1	493-11-110-087	1965-68	\$1,363,000.00	1
U ILLINOIS	NJALA U COLL	SIERRA LEONE	AID/afe-63	636-11-110-015	1963-71	\$2,951,000.00	1
U KENTUCKY	U SAN CARLOS	GUATEMALA	ICAc-1246	520-11-110-106	1957-61	\$203,000.00	1
U MASSACHUSETTS	BUNDA COLL AGR	MALAWI	AID/afe-62	612-11-110-026	1963-70	\$4,447,000.00	1
U MINNESOTA	HASSAN II AGRO INST	MOROCCO		608-11-110-088	1969-77	\$1,641,000.00	1
U NEBRASKA	INST COLOMBIAN AGR	COLOMBIA	USAID-514-581	514-11-110-120	1966-73	\$2,731,000.00	1
U TENNESSEE	U PANAMA	PANAMA	ICA-W-834	515-11-660-041	1959-68	\$665,000.00	1
WEST VIRGINIA U	MAKERERE AGRIC FAC	UGANDA	AID/afr-411	618-11-110-618	1964-73	\$1,342,000.00	1
WEST VIRGINIA U	MOROGORO AG COLL	TANZANIA	ICA/2255	621-11-110-044	1962-72	\$1,345,000.00	1
WEST VIRGINIA U	EGERTON COLLEGE	KENYA	AID/afr-49	615-0102	1962-72	\$1,857,000.00	1
	CONGO POLY INST	CONGO REPUBLIC		660-13-110-012	1962-73	\$1,178,000.00	2
		COSTA RICA		515-11-110-927	1959-63	\$485,000.00	1
		ECUADOR		518-11-110-015	1954-59	\$420,000.00	1
		GUATEMALA		520-11-110-190	1968-73	\$305,000.00	1
		PANAMA		525-13-110-015	1956-64	\$676,000.00	1
		PERU	AID/1a-510	527-11-110-060	1962-71	\$7,658,000.00	2
		PERU		527-15-660-0672	1967-72	\$520,000.00	1
		SIERRA LEONE		636-11-110-005	1969-70	\$281,000.00	1
		SRI LANKA (Ceylon)		383-11-110-002	1956-65	\$1,406,000.00	1
		TANZANIA		621-22-110-0580	1963-68	\$1,071,000.00	1
		URUGUAY		528-0041	1965-79	\$2,731,000.00	1
		URUGUAY		528-11-110-0415	1962-69	\$527,000.00	1

\*If more than one contract was used in a project, only one contract number is given in this column

#Confidence level: 1 = PAISHIST; 2 = Other sources

Data Summary - Date of Project  
Higher Education--Agriculture  
Selected Countries and Projects  
March 12, 1985

DATES	LDC UNIVERSITY	U.S. UNIVERSITY	COUNTRY	CONTRACT NUMBER*	PROJECT NUMBER	FUNDING	#
1952-68	COLL AGR, ALEMAYA	OKLAHOMA STATE U	ETHIOPIA	ICA-W-629	663-11-110-002	\$13,756,000.00	1
1953-63	RUR UNIV MINAS GERAIS	PURDUE U	BRAZIL	ICA-W-639	512-11-907	\$2,522,560.00	2
1954-59			ECUADOR		518-11-110-015	\$420,000.00	1
1954-60	KASETSART U	OREGON ST COLL	THAILAND	LETTER	493	\$800,129.00	2
1956-64	U CEYLON	TEXAS A&M	SRI LANKA (Ceylon)	ICA-W-618	383-11-660-006	\$978,000.00	1
1956-64			PANAMA		525-13-110-015	\$676,000.00	1
1956-65			SRI LANKA (Ceylon)		383-11-110-002	\$1,406,000.00	1
1957-61	U SAN CARLOS	U KENTUCKY	GUATEMALA	ICAc-1246	520-11-110-106	\$203,000.00	1
1958-73	U DACCA	TEXAS A&M	BANGLADESH	ICAc-2144	391-11-660-144	\$2,434,000.00	1
1959-63			COSTA RICA		515-11-110-927	\$485,000.00	1
1959-68	U PANAMA	U TENNESSEE	PANAMA	ICA-W-834	515-11-660-041	\$665,000.00	1
1960-63	NATL U ASUNCION	MONTANA STATE U	PARAGUAY	ICAc-1417	526-11-914	\$160,000.00	2
1960-69	U NIGERIA	MICHIGAN STATE U	NIGERIA	ICAc-1197		\$9,134,000.00	1
1962-65	U DE LA REPUBLICA ORIENT	IOWA STATE U	URUGUAY	AID/1a-65		\$1,065,000.00	2
1962-69			URUGUAY		528-11-110-0415	\$527,000.00	1
1962-71			PERU	AID/1a-510	527-11-110-060	\$7,658,000.00	2
1962-72	EGERTON COLLEGE	WEST VIRGINIA U	KENYA	AID/afr-49	615-0102	\$1,857,000.00	1
1962-72	MOROGORO AG COLL	WEST VIRGINIA U	TANZANIA	ICA/2255	621-11-110-044	\$1,345,000.00	1
1962-73	CHOTT MARIA AG SCH	TEXAS A&M	TUNISIA		664-51-620-169	\$2,231,000.00	1
1962-73	CONGO POLY INST		CONGO REPUBLIC		660-13-110-012	\$1,178,000.00	2
1963-68			TANZANIA		621-22-110-0580	\$1,071,000.00	1
1963-70	BUMBA COLL AGR	U MASSACHUSETTS	MALAWI	AID/afe-62	612-11-110-026	\$4,447,000.00	1
1963-71	NJALA U COLL	U ILLINOIS	SIERRA LEONE	AID/afe-63	636-11-110-015	\$2,951,000.00	1
1964-66	NATL U ASUNCION	NEW MEXICO ST U	PARAGUAY	AID/1a-199	526-11-660-053	\$191,000.00	2
1964-73	MAKERERE AGRI FAC	WEST VIRGINIA U	UGANDA	AID/afr-411	618-11-110-618	\$1,342,000.00	1
1964-76	CHOTT MARIA AG SCH	TEXAS A&M	TUNISIA		664-0169	\$2,205,000.00	1
1965-68	KASETSART U	U HAWAII	THAILAND	AID/afe-1	493-11-110-087	\$1,363,000.00	1
1965-71	NATL SCH AGR	NO CAROLINA ST	PERU	AIDc-1776	527-11-110-117	\$2,000,000.00	1
1965-79			URUGUAY		528-0041	\$2,731,000.00	1
1966-73	INST COLOMBIAN AGR	U NEBRASKA	COLOMBIA	USAID-514-58T	514-11-110-120	\$2,731,000.00	1
1967-72			PERU		527-15-660-0672	\$520,000.00	1
1968-73			GUATEMALA		520-11-110-190	\$305,000.00	1
1969-70			SIERRA LEONE		636-11-110-005	\$281,000.00	1
1969-77	HASSAN II AGRD INST	U MINNESOTA	MOROCCO		608-11-110-088	\$1,641,000.00	1

\*If more than one contract was used in a project, only one contract number is given in this column

#Confidence level: 1 = PAISHIST; 2 = Other sources

POST 1970

AID ASSISTANCE TO AGRICULTURAL HIGHER EDUCATION

<u>COUNTRY</u>	<u>US UNIV. (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
<b>ASIA</b>								
Asia	Cornell Univ. of Hawaii	Univ. of So. Pacific		4980267	FY 80-85		1,000,000	2
Asia Reg.-So. Pa	Univ. of Hawaii Cornell	Univ. of So. Pacific	ASIA-C-1447	4980267	FY 80-85	PES	1,000,000	
Subproject #2	Univ. of Hawaii Cornell	Univ. of So. Pacific		4980267	FY 80-85		1,000,000	
Indonesia	MUCIA		ASB-1903-C-00-0161-00		1971-		12,245,621	
Indonesia		Pahimam Univ. and Nat'l Inst. of Ted.		4970266	FY 74-84		8,000,000	2
Indonesia	MACIA/Wise		ASB-0249-C-00-072-00	497-0248	1976-84	PES		2
Indonesia	Wisconsin	Grad. Ag. Sch.	AID-497-80-100.29-T	497-0290	1979-84	PES	3,281,905	2
Indonesia	MUCIA Midwest Univ. Const.	IPB		4970190	FY 70-76		7,390,000	
Indonesia	MUCIA	Leader plus 6 Non Leader US		4970260	FY 76-83	PES Impact	5,500,000	2
Indonesia	Univ. of Wisconsin	OADJAH MADA Univ. Pertanian Bogor		4970290	FY 79-86		7,500,000	
Title XII							2,170,000	
Indonesia	Washington State	Assoc. of Eastern		4970293	FY 79-84	PES	5,330,000	2
Title XII							8,800,000	
Indonesia		Assoc. of Western Univ.	AID-497-0297-C-00-1034	4970297	FY 81-86	PES	9,850,000	2
Nepal	MUCIA-MSU	Int'l Ag. & Animal Science	AID/nesa-C-1197	367-0102	1974-84	PES	4,491,786	2
Nepal		Inst. Ag. & Animal Science		3670102	FY 74-84		5,484,000	
Nepal	SBCID	Trebbuvan Univ.	AID/ASIA-C-1352	367-0132	FY 80-85		27,498,000	
Subproject 1								
Nepal	MUCIA			3670217	FY 72-73		48,000	

<u>COUNTRY</u>	<u>US UNIV. (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>	
Pakistan	Illinois with Southern Illinois Chemonics	Ag. Univ.-Peshawan	ASB-0477-C-00-3022-00	317-0477	1984-90			2	
Pakistan		Pakistan Forest Inst.		3910481	FY 83-91		25,000,000	2	
Philippines		U.P. Los Banos		4920288	FY 78-84		5,009,000	2	
Philippines	7 Small Ag. Colleges			4920331	FY 79-84		2,500,000		
Philippines	Texas A&M	San Carlos Univ.	AID-EA-C-1073		1975-77	Impact	193,550	2	
Sri Lanka	AED	PGIA & Univ. of Sri Lanka		3830049	FY 78-86		7,500,000		
Sri Lanka		Agri. Resch. & Trng. Institute		3830044	FY 78-85		6,500,000		
Sri Lanka	SECID/Georgia	Nat'l Forest College	HCC	3830055	FY 83-87		10,450,000		
Sri Lanka	AEC, Penn. State VPI, Texas A&M		ASIA-C-1397	383-0049	1978-85		(2,305,800)	Contract 2	
Thailand		Khon Kaen U.		4930332	FY 83-89		2,000,000	2	
<u>AFRICA</u>									
AFR Regional Sub-Project 9		E & So. Ag. Mgt. Inst.		6980413	FY 78-87	AA5-595	8,621,000	2	
AFR Regional				6980418	FY 75-84		10,200,000	2	
AFR Regional		CIRES, Univ. of Abidjan		6980404	FY 76-80	AAC-381-B1	306,000	2	
Borkino Paso (UV)	Experience Inc. SECID	ISP	APR-0221-C-00-0094-00	686-0221	1978-	PES	3,800,000	2	
Borkino Paso (UV)		Forestry School Dinderesso		6860235	FY 79-84	AAG-155A1	5,958,000	2	
Botswana	S. Dakota State Florida A&M	Botswana Ag. Col.	APR-0074-C-00-0122-00	633-0074	9/78-1/86		9,157,000		
Cameroon	Florida St.	Univ. Ctr. at Dschang. (UCD)		631-0031	FY 82-88		28,651,000		
Cameroon-C&WA Regional		Fed. Advanced School of Agriculture		6250530	FY 70-79		1,631,000		

<u>COUNTRY</u>	<u>US UNIV. (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
Chad Subproject 2&3	CPCPA School		677002	FY 78-83		5,400,000	2	
Gambia Subproject 7		YBK Train. Ctr.		6350203	FY 79-86		9,000,000	2
Ghana		Univ. of Ghana		6410070	FY 71-79	AAB-827-B1	1,631,000	2
Guinea		Nat. Fac. Agronomy Nat'l Res. Inst.		6750 201	FY 76-84	AAC-120-B1	14,400,000	2
Kenya		Univ. of Nairobi Eguton College		6150169	FY 78-86	AAC-702-B1	49,800,000	2
Kenya	SECID & Mass. St.	Eguton College	GOK.615.1069	615-0172	1979-84	PES	10,240,000	2
Liberia		Suakoko Ag. Res. Inst.		6690135	FY 80-84	AAG-8110	4,997,000	2
Liberia	Prot. Episcopal Church	Cuttington Univ. Coll.		6690153	FY 77-84	B6690153005701	4,755,000	2
Malawi-So. Ag. Regional	ACE	Rumbal Ag. in Center Bunda Ag. College		6900026	FY 71-79		363,000	
Malawi-So. Ag. Regional		Bunda Ag. College		6900054	FY 76-80		3,292,000	
Mali	SECID	CAA	AFR-0202-C-00-0213-00	688-0207	1981-85	PES	2,209,700	2
Niger		MRD		6830234	FY 82-87	CP81-05, Page 111	11,541,000	2
Nigeria		Inst. of Ed. Ahmadu Beilo		6200788	FY 71-77	AAB-200-F1	551,000	2
S&T-Centrally Funded	M.C. State	Asia Ag. College		9310873	FY 70-74		76,000	
Senegal	Texas Tech.	ENEA		685-0256	FY 82-86	PES		2
Senegal		ENEA		6850241	FY 79-81	AAG-827	50,000	2
Sierra Leone		Makali Indust. Trade Njala College		6360102	FY 78-87	AAC-728-B1	9,100,000	2
Somalia		MOA		6490112	FY 79-86	AAF-115-81	10,752,000	2
Swaziland		Univ. of Swaziland Pac. of Agriculture		6450212	FY 81-87	AAL-472	14,955,000	2
Sudan	DAI	Yambio Inst. Ag. Tech. Univ. of Juba		6500021	FY 78-84		6,640,000	
Tanzania	Utah State		AFR-0135-C-00-0144-00	621-0135	1978-84	PES	1,334,725	2
Tanzania				6210107	FY 70-83	AAB-587-B1	8,495,000	2

<u>COUNTRY</u>	<u>LDC UNIV. OR (CONTRACTOR)</u>	<u>INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
Tanzania		Univ. Dar Es Salaam		6210119	FY 73-84	AAB-597-B1	7,083,000	2
Tanzania		MOA Train. Insts.						
Tanzania		Univ. of Dar Es Salaam		6210135	FY 78-84	AAC-721-B1	2,356,000	2
Uganda	Ohio State, IADS		AFR-0000-C-00-4047-00	617-0103	1983-88	PES	6,890,684	2
Uganda	W. Virginia Univ.	Bukalasa & Arapai & Vet. Trn. Institute Maherere		617-0023	FY 74-77		12,325,000	
Uganda				6170060	FY 71-76		1,147,000	
Zaire	USDA, SECID (Georgia)			660-0052	1977-83	PES	366,000	2
Zambia	Iowa State		611-00750-A-00-00	611-0075	1980-85	PES		2
Zambia		NCDP/MAWA		6110075	FY 80-85	AAG-765	4,785,000	2
Zimbabwe	MSU & Penn. St.	Univ. of Zimbabwe Fac. of Ag.		613-0209	.	PES		2
Zimbabwe		Univ. of Zimbabwe		6130215	FY 82-87	BAA-339	9,100,000	2
<u>LATIN AMERICA</u>								
Bolivia		Cochabamba & Santa Cruz		5110053	FY 75-80		9,200,000	2
Bolivia		Cochabamba & Santa Cruz		5110059	FY 78-88		11,300,000	2
Bolivia		San Simon & Gab. Rene Moreno US		5110364	FY 71-81		27,262,000	2
Bolivia	CID/Utah State	Univ. San Simon Univ. Gabriel San Morene		5110451	FY 75-82	Impact	6,900,000	2
Brazil	Dept. University Affairs			5120321	FY 74-78		1,000,000	
Caribbean Region.		Univ. of the W.I.		5380064	FY 72-82	AAP-099-B1	8,500,000	2
Caribbean Region.		Univ. of the W.I.		5380017	FY 80-83	AAG-407-A1	6,900,000	2
Caribbean Region.	MUCIA	Univ. of the W.I.		5380068	FY 82-86	AAM-012	5,930,000	2
Caribbean Region.	MUCIA/Hem	Univ. of the W.I.	LAC-0068-C-00-2028-00	538-0068	1982-1986	PES	2,872,000	2
Costa Rica	Univ. of Florida	Ag. Tech. School		5150113	FY 70-73		450,000	2
Costa Rica				5150117	FY 70-78		15,927,000	2
Dominican Republic		Inst. Sup. de Ag. Newetura		5170125	FY 81-85		1,100,000	2
Dominican Republic		ONAPLAN/DITC		5170160	FY 83-90		10,000,000	
Dominican Republic	Texas A&M		LAC-517-0129-C-00--20004	517-0127	1981-86	PES		2

<u>CGUNTRY</u>	<u>LDC UNIV. OR (CONTRACTOR)</u>	<u>INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
Ecuador-Title XII Subproject 2				5180032	FY 80-85		11,300,000	
El Salvador		CENTA		5190164	FY 72-78		3,701,000	2
El Salvador Subproject 1		CENCAP		5190262	FY 80-84		23,173,000	2
El Salvador		Nat'l School of Ag. CENCAP		5190265	FY 83-86		34,430,000	2
Guatemala Subproject 4		Ag. Tech. Institute		5200197	FY 70-78		2,387,000	2
Guatemala		ICTA		5200255	FY 81-87		8,100,000	2
Guyana	SECID/Tunif.		AID/LAC-C-1403	504-0000	1980-1981	PES	113,000	2
Baiti		Fac. of Agronomy		5210078	FY 76-85		18,695,000	2
Honduras	Kansas State	Ag. Campus-Nat'l H. CORLA	LAC-0150-C-00-1032-04	5220150	FY 79-84	Impact	25,000,000	
Honduras Subproject 1		U. de San Pedro Sula (USPS)		5220223	FY 82-83		50,000	
Honduras		USPS		5229105			1,652,000	
Jamaica	Kentucky			532-0000	1979	PES	110,000	2
Jamaica		J. School of Ag.		5320009	FY 75-83		11,200,000	2
Jamaica		J. School of Ag.		5320059	FY 79-84	AAC-655B1	4,107,000	2
LA Regional		ICAD/LA		5980575	FY 76-80	AAF-103-B1	183,000	2
LA Regional		Castlelar Ag. Grad. St.		5980541	FY 71-77		1,223,000	
Panama	Univ. of Delaware W. Zutzgers	Univ. of Panama	525-0219-C-99-2917-00	5250219	1981-1984	PES	490,000	2
Paraguay		Nat'l University		5260103	FY 76-79	AAB-332-B1	537,000	2
Peru	USDA/M.C. State		PASA	527-000			135,000	2
Peru	M.C. State	Agarian Univ. at La Molina		5270192	FY 80-85	PES	14,100,000	
Peru	MIAC/Iowa State Exp. Inc.	Nat'l Inst. for Ag. Resch. & Exten,-UNA		5270238	FY 83-88	PES	(3,037,225)	Contract
Peru		Nat'l Ag. Univ. of the Jungle	(UNAS)	5270244	FY 81-88		(3,183,264)	Contract
Peru				5270067	FY 71-78		1,815,000	
ROCAP		CATIE		5960083	FY 79-85		8,000,000	2
ROCAP		CATIE		5960110	FY 84-89	AAP-478	6,750,000	2

<u>COUNTRY</u>	<u>LDC UNIV. OR (CONTRACTOR)</u>	<u>INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
<u>NEAR EAST</u>								
Afghanistan		Kabriel Univ.		3060121	FY 73-78		2,948,000	
Egypt		Egyptian Univ.		2630070	FY 79-85		47,000,000	
Egypt	Davis/Arkansas			263-0027	1980-84	PES		2
Jordan	Wash. State Univ.	Fac. of Ag., Univ. of	AID/278	278-01-7800	1975-79	JO 630.711 Q1		
Jordan	Wash. State			2780176	FY 74-79		2,260,000	
Jordan	Wash. State	Univ. of Jordan	AID-278-UBB-81-T	278-0178	1979	PES, etc.	1,728,000	2
		Fac. of Ag.						
Morocco	Univ. of Minnesota	IAV Hassan II		6080134	FY 76-82		2,900,000	
Morocco	Univ. of Minnesota	IAV Hassan II	AID-NE-C-1634	6080160	FY 80-85		28,500,000+	
Morocco	MIAC	IAV Hassan II	NE-C-1666	6080136	FY 78-88		29,968,000	2
Portugal	Purdue, Rhode Is.	Inst. of Azores		150-0001	-84	PES		2
Syria	Minnesota	Univ. of Damascus	NEB-0003-C-00-2028-00	2760003	FY 79-87	PES	6,000,000	2
Tunisia	MIAC	INAT		664-0316	1978-1983	PES		2
Tunisia	MIAC	INAT		6640316	FY 78-83	AAG-134-A1	380,000	2
Tunisia		DERO, INRAT, INAT		6640327	FY 82-86	AAL-945	3,500,000	2
Yemen Arab Repub.		Ibb Ag. Tr. Ctr.		2790052	FY 74-79		41,338,000 TP	

FRE 1970

AID ASSISTANCE TO AGRICULTURAL HIGHER EDUCATION

<u>COUNTRY</u>	<u>US UNIVERSITY (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
<b><u>AFRICA</u></b>								
Congo Republic		Congo Poly. Inst.		660-13-110-012	1962-1973		1,178,000	2
Ethiopia	Oklahoma St.	Coll. of Ag., Alemaya	ICA-W-629	663-11-110-002	1952-1968	ET 630.711 041a	13,756,000	1
Kenya	West VA Univ.	Egerton College	AID/afr-49	615-0102	1962-1972*	KE 630.711 N521a	1,857,000	1
Kenya	Colorado State	Univ. of Nairobi-Vet.	AID/afr 277 125	615-0158	1971-1980	KE 636.089 C719	2,921,000	2
Kenya	Colorado State	Univ. of East Afric		AID-afr-122	8/63-10/63		8,000,000	2
Malawi	Univ. of Mass.	Bunda Coll. of Ag.	AID/afr-62	612-11-110-026	1963-1970	MI630.711 M414a	4,447,000	1
Nigeria	Ag. Ed., Res. & Eval. Eastern Nigeria		620-51-110-722		1964-1972		3,987,000	2
Nigeria	Ag. Education West Nigeria		620-11-110-744		1965-1968		2,572,000	2
Nigeria	Ag. Ed., Northern Nigeria		620-11-110-745		1965-1970		1,515,000	2
Nigeria	Ag. Education Future Leaders		620-11-110-748		1965-1972		4,154,000	2
Nigeria	Michigan St. Univ.	Univ. of Nigeria	ICAc-1197		1960-1969	NI 378.669 M624	9,134,000	1
Sierra Leone	Njala Univ. Coll.	Univ. of Illinois	AID/afe-63	636-11-1100-015	1963-1971	SL 378.664 I29h	2,951,000	1
Sierra Leone	Agri. Ext. Train.			636-11-110-005	1969-1970		281,000	1
Tanzania	West VA Univ.	Morogoro Ag. Coll.	ICA/2255	621-11-110-044	1962-1972	TZ 630.711 W522	1,345,000	1
Tanzania				621-22-110-0580	1963-1968		1,071,000	1
Uganda	W. VA Univ.	Makerere Ag. Pac.	AID/afr-411	618-11-110-618	1964-1973	UG 630.711 W522c	1,342,000	1
Uganda	W. VA Univ.	Ag. Coll at Bukalosa	AID/afr-11		5/63-5/66			

\*Continued under ASSP Project

<u>COUNTRY</u>	<u>US UNIVERSITY (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
Uganda	W. VA Univ.	Brapal Vet.	AID/afr-297				419,726	2
Uganda	W. VA. Univ.	Trng. Inst. at Entebbe	AID/afr-297		1962-1971			
<u>ASIA</u>								
Bangladesh	Texas A&M	Univ. Dacca	ICAc-2144	391-11-660-144	1958-1973	BG 378.5192	2,432,000	1
India	5 Land Grant Universities	40 Ag. & Vet. Colls.	Op Ag. 28	386-11-110-028	1954-1965		8,981,000	2
India	Univ. of Illinois	Allahabad Ag. Inst.	ICAc-1453	386-	1955-1965		2,013,000	2
India	Univ. of Illinois	Nehru Ag. Univ.	AIDc-1453 nesa-149	386-11-110-2816	1955-1969	IN 630.711 129 IN 630.711.B893	10,142,000 TP	2
India	Univ. of Illinois	Uttar Pradesh Ag. University	ICAc-1308 AID/nesa-150	386-11-110-2817	1959-1977	IN 630.711.29 IN 630.711.B893		
India	Kansas State	Andhra Pradesh Ag. University	AID/nesa-146	386-11-110-2813	1963-1972	IN 630.711K16	2,636,000	2
India	Kansas State	Maharashtra State	ICA-W-137	386-11-110-2818	1956-1964 (1967-1973)	IN 630.711K37	949,000	2
India	Univ. of Missouri	Assane Ag. Univ.	AID/nesa 161	386-	1970	IN 630.711K37 IN 630.711B844		
India	Univ. of Missouri	Orissa Ag. Univ.	AID/nesa 144	386-	1957-1972	IN 630.711 M678B		
India	Ohio State (Reg. Contract)	Rajasthan, Pepsu, Punjab, H.P.	ICA-W-18 ICA-W-630	386-	1955-1964			
India	Ohio State	Baryan Ag. Univ. Punjab Ag. Univ.	AID/nesa 147	386-	1964-1973	IN 630.711 G277a	984,483+	2
India	Univ. of Tenn.	Mysore State Univ. Bangalore Ag. Univ.	ICA-W-105 ICA-W-868	386-11-110-2812 et. al	1955-1972	IN 630.711 T297C	5,200,000 2,397,000	2 1
India	Univ. of Tenn.	Mysore Bangalor Coll.	AID/nesa 145	386-	1970-1971	IN 630.711 M913		
India	Penn. State Univ.	Maharashtra Ag. Univ.	AID/nesa 346	386-11-110-2818	1967-1973	IN	949,000	2
Indonesia	Univ. of Kentucky	Univ. of Indonesia, Bogor	ICA-W-699	497-11-004	1/59-6/61 (1958-1966)	ID 630.711 K376.1	1,376,000	2
Japan	Univ. of Mass.	Hokkaido Univ.			7/57-8/61		563,523	2
Korea	Univ. of Minn.	Seoul Nat'l Univ.	ICAc-1131	489-11-660-512	9/54-12/60 (1955,1961)	KS 378.5195.8851	6,387,129 ( 1,544,001)	2

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Pakistan	St. Coll. of Wash.	Univ. of Punjab						
Pakistan	New Mexico A&M	Univ. of Sind.						
Pakistan	Colorado State	Univ. of Peshawar	ICA-W-658	319-11-660-009	1954-1965	PK 578.5491	1,740,240	2
Pakistan	Wash. State	W.P. Ag. Univ. Lyallpour	AID-nesa 178		1961-1969	PK 830-411 W 319		
Philippines	Cornell	Univ. of Philadelphia College of Ag.	ICAc-1395	492-11-660-012 492-11-110-053	1950-1970 1950-1967	PIC 830.711 PN 830.71 C814	1,350,000(660) 842,000(110)	2 1
Philippines	Cornell	Coll. of For						
Sri Lanka	Texas A&M	Univ. of Ceylon			10/58-6/62		1,130,967	2
Taiwan	Univ. of Cali.	Nat'l Taiwan Univ.					785,000	2
Thailand	Oregon St. Coll.	Kasetsart Univ.	LETTER	493	1954-1960		800,129	2
Thailand	Univ. of Hawaii	Kasetsart Univ.	AID/afe-1	493-11-110-087	1965-1968	TI 378.593 H389	1,363,000	1
Viet Nam	Univ. of Florida	Nat'l Ag. Center	AID/Un-24	730-11-630-323	1966-1974	VS 630.711 F636b	1,392,000	
Viet Nam	Univ. of Georgia	Nat'l Col. of Ag. (Ag. Education)	ICAc-1493	730-	1960-1963		319,590	2
Viet Nam					1960-1967	VS 630.715 562	3,685,000	2
<u>NEAR EAST</u>								
Afghanistan	Univ. of Wyoming	Univ. of Kabul	ICAc-1077 AID/nesa-215	306-11-690-092	9/54-12/61 1956-1973	AP 630.7 W992C	(13,084,000) TP 3,167,152	2*
Afghanistan	Univ. of Illinois	Univ. of Kabul			5/59-2/60*		50,000	2
Cambodia	Univ. of Georgia	Nat'l Coll. of Ag.	AIDc-1494		6/60-6/63		504,190	2
Iran	Utah State	Univ. of Tehran Karaj Coll. of Ag.	ICA-X-6	265-11-110-009	1952-1966	IR 378.55 U87	1,161,000	2
Iraq	Univ. of Arizona	Iraq Coll. of Ag.	ICA-w-591	266-	1952-1959	IQ 630.711 A714	742,436	
Morocco	Univ. of Minnesota	IAV Hassan II		608-11-110-088	1969-1977		1,641,000	2
Tunisia	Texas A&M	Chott Maria Ag. Sch.		664-51-620-169	1962-73		1,641,000	1
Tunisia	Texas A&M	Chott Maria Ag. Sch.		664-0169 (?)	1964-1976		2,205,000	1
Turkey	Univ. of Nebraska	Ataturk Univ.	AID/nesa-188 ICA-w-6100	277-11-660-211	1955-1968	TU 378.4961	3,893,000 (TP)	2

\*1 = PAISHIST; 2 = Other Data Source

<u>COUNTRY</u>	<u>US UNIVERSITY (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
<u>LATIN AMERICA</u>								
Argentina	Texas A&M	Nat'l Univ. of Ag.	AID/la-157	51C-	1964-1966		344,750	2
Argentina	MSU	Coll. of Ag. at Balcarce	AID/la-245	51G-11-110-0792	(1963-1972)	AR 631.3W688	966,000	2
Argentina	Cal. Poly.	Univ. of Ag. of Argentina	AID/la-143	51G-11-110-0792	9/63-10/63		9,046**	2
Brazil	Univ. of Arizona	Univ. of Ceara at Fortaleza	AID/la-136		8/63-10/63		21,000	
Brazil	Univ. of Wisconsin	Univ. of Ceara at Fortaleza	AID/la-145		10/63-4/66		800,000	2
Brazil	Univ. of Wisconsin	Univ. Rio Grande do Sul	Aid/la-147		12/63-12/65		903,000	2
Brazil	Colorado State	Rural Univ. of Pernambuco	AID/la-144		9/63-10/63***		7,750	2
Brazil	Ohio State	Univ. of Sao Paolo Ag. College	AID/la-161	(MEC) 512-094	3/64-3/66	BR 630.711 4249	965,000	2
Brazil	Purdue Univ.	Rural Univ. of Minas Gerais	ICA-w-634		1972, 1974	BL378.181.037		
Chile	Univ. of Cali.				1953-1963	BR 630.711		2
Colombia	Univ. of Nebraska	Inst. Coll. Ag.	USAID-514-58T	514-11-110-120	1957-1964			
Colombia	MSU	Nat'l Univ. of Col.			1966-1973	CO 630.711 N362A	2,731,000	1
Costa Rica					1954-1959	914.031.52		
Ecuador	Univ. of Idaho	Univs. of Quito & Guayaquil		515-11-110-032	1959-1963		20,000	2
Ecuador	Texas A&M	GOE-Agriculture	AID/la/66		1957-1964			
Guatemala	Univ. of Kentucky	Univ. of San Carlos		520-11-10-026	11/62-12/62		14,013	2
Guatemala	California Poly. Inst.	Ag. Vocational Sch.		520-11-110-190	3/57-6/60	GT 620.711 H812	236,835	2
					1968-1973			

\*\*Design  
\*\*\*Exploration Visit

<u>COUNTRY</u>	<u>US UNIVERSITY (CONTRACTOR)</u>	<u>LDC UNIV. OR INSTITUTION</u>	<u>CONTRACT NUMBER</u>	<u>PROJECT NO.</u>	<u>DATES</u>	<u>DOCUMENT NO. LIBRARY NO.</u>	<u>FUNDING</u>	<u>CONFI. LEVEL</u>
Mexico	Univ. of PA	Nat'l Univ. of Mexico						
Panama	Univ. of Tennessee	Univ. of Panama	ICA-W-834	515-11-660-041	1955-1965	PH 379.862	1,256,000	2
					(1959-1968)	T297C	665,000	1
Panama				525-13-110-015	1956-1964		676,000	
Panama	Univ. of Arkansas	Nat'l Inst. of Ag.* Divisa.						
Paraguay	Montana St. Univ.	Nat'l Univ. Asuncion	ICAc-1417	526-11-914	1960-1963		160,000	2
Paraguay	MM State Univ.	Nat'l Univ. Asuncion	AID/la-199	526-11-660-053	1964-1966	PA 630.711 M53, MJ32	191,000	2
Peru	N.C. State	Nat'l Sch. of Ag.	AID/c-1776	527-11-110-117	1965-1971	PE 630.985 N864	2,000,000	1
Peru	N.C. State	Nat'l Univ. of Ag.	AID/la-510	527-11-110-060	1962-1971	PE 630.985 B792	7,658,000	2
Peru				527-15-660-0672	1967-1972		520,000	2
Uruguay	Iowa State Univ.	Univ. de la Republica Orient.	AID/la-65		1962-1965		1,065,000	2
Uruguay				528-11-110-0415	1962-1969		527,000	1
Uruguay		Ag. Inst. Dev.		528-0041	1965-1979		2,731,000	1

\*National Institute of Agriculture at Divisa, a secondary school-level institution pre-1960; post-1960, was made available to the University of Panama

**III**

**PROJECT DATA SHEETS**

**AFRICA**

PROJECT DATA SHEET

1. Country: Congo\_Republic
2. Project Title: Congo Polytechnic Institute
3. Project Numbers: 660-13-110-012
4. Contract Number:
5. Project Purpose: To help the Congolese Government establish and operate three technical agricultural schools in rural provinces in order to assist in expanding agricultural development at the village and community level. Under a contract with a private American foundation, an agricultural training school was opened in each of the three different Congolese farming areas. The educational methods employed followed those of U.S. vocational agriculture schools.\*\*
6. Project Dates: 1962-73
7. Project Funding: \$1,178,000
8. Accomplishments:

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\*\*Program and Project Data Related to Proposed Programs--FY 1965.  
Region: Africa. 1964. p. 13

## PROJECT DATA SHEET

1. Country: Ethiopia
2. Project Title: Agriculture, Education and Research  
Oklahoma State University/College  
of Agriculture, Alemaya
3. Project Numbers: 663-11-110-002
4. Contract Number: ICA-W-629
5. Project Purpose: To facilitate the development of agricultural and mechanical arts education activities in Ethiopia through cooperative action and to stimulate and increase the interchange between the two countries of knowledge, skills and techniques in the field of agricultural and mechanical arts education. (From Agreement for Cooperative Agricultural Education Program)
6. Project Dates: 1952-68  
PAISHIST (1954-73)
7. Project Funding: Imperial Ethiopian College \$6,749,526  
Total Project PAISHIST - \$13,756,000
8. Accomplishments\*:

1. The College of Agriculture at Alemaya was developed from the beginning. The first students in the College were graduates of the Jimma Agricultural Technical School, which opened as a part of this project in October, 1952. At the time of the departure of the Oklahoma State University team in 1968, the faculty consisted of thirty-three Ethiopians and fourteen contract personnel. The Ethiopian staff members had all completed the undergraduate program at Alemaya and had received graduate training in their specialties at major US universities.

2. The Jimma Agricultural Technical School was opened in October, 1952. The curriculum for the school was developed in cooperation with the Ministry of Education, Ministry of Agriculture, and the University contract staff. The curriculum was constructed to have a desirable balance of theory with practical application with sufficient emphasis on academics for college preparatory students. Of the first eighty students to be admitted to Jimma, fifty completed the requirements for a B.S. degree from Alemaya. Of this number, at least 26 received M.S. degrees from U.S. institutions, and 16 completed doctoral programs. This institution now has junior college status.

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\*Oklahoma State University in Ethiopia 1952-68, A Terminal Report, Stillwater, Oklahoma, 1969. 84 pp. AID Library Call Number ET 630. 041a

## PROJECT DATA SHEET

1. Country: Kenya
2. Project Title: Higher Agricultural Education  
West Virginia University/Egerton College
3. Project Numbers: 615-0102 (615-11-110-102)
4. Contract Number: AID/afr-49, AID/afr-283
5. Project Purpose: To assist Egerton College to strengthen its resources and capabilities as an Agriculture College and thereby provide the educated manpower needed for the development of the agriculture sector of the economy of Kenya.
6. Project Dates: 1962-1972
7. Project Funding: \$1,857,000
8. Accomplishments:
  - Student enrollment rose from 152 in 1962 to 626 in 1972. The number of women students rose from none in 1962 to 80 in 1972.
  - The number of volumes in the Library rose from 1,000 in 1962 to 10,000 in 1972.
  - The total number of staff rose from 24 in 1962 to 83 in 1972.
  - Number of Kenyans on the staff rose from 1 to 64 during the same period.
  - Curriculum revision was carried on throughout the project.
  - Extension activities were encouraged and supported.

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\*Progress Report, USAID/afr-283, Egerton College, Kenya, Office of International Programs, West Virginia University, Morgantown, West Virginia. November, 1972. 112 pp. AID Library Call Number KE 630.71

## PROJECT DATA SHEET

1. Country: Kenya
2. Project Title: Colorado State University/University of Nairobi, Faculty of Veterinary Medicine
3. Project Numbers: 615-0158
4. Contract Number: AID/afr-227, 125
5. Project Purpose:
6. Project Dates: 1971-1980
7. Project Funding: \$2,921,000
8. Accomplishments: See KE 636.089 c719

### PROJECT DATA SHEET

1. Country: Malawi
2. Project Title: Agricultural Development  
University of Massachusetts/Bunda College of  
Agriculture
3. Project Numbers: 612-0054 (690-11-110-026) (612-11-110-134)
4. Contract Number: AID/afr 437
5. Project Purpose: To provide improved and expanded training facilities in the fields of agriculture and Home Economics. The bulk of the assistance in the early years was construction and equipping of the College of Agriculture at Bunda. With the assistance of the University of Massachusetts, the project will develop a university level school of agriculture which will provide professionally trained staff for government and for agricultural related enterprises.\*
6. Project Dates: 1963-70  
(1976-82)
7. Project Funding: \$4,447,000
8. Accomplishments\*:

## PROJECT DATA SHEET

1. Country: Tanzania
2. Project Title: Agri College Tanzania  
West Virginia University/ Morogoro
3. Project Numbers: 621-11-110-044
4. Contract Number: ICA/2255, AID/afe-49, AID/afe-30
5. Project Purpose: Render technical advice and assistance to Tanganyika (now Tanzania) for the purpose of establishing an agricultural college of higher education, hereafter called College, with related research and extension aspects, in the general fields of agriculture, cooperative development, home economics and forestry subjects. Expedite the educational training of Africans in agriculture, cooperative development, home economics and related for their employment in such areas as would encourage growth and development of the natural and human resources. The college will provide 3 years of training beyond secondary school.
6. Project Dates: 1962-72 (1961-69)
7. Project Funding: \$1,345,000
8. Accomplishments\*: A physical plant was constructed. A 3-year program of instruction was initiated.

## PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title:  
Kansas State University/  
Ahmadu Bello University
3. Project Numbers: 620-11-110-743  
USAID Loan No. 620-H-017
4. Contract Number: AID/afr-030; AID/afr-707, AID/afe-84,  
AID/afr-295
5. Project Purpose: To assist the growth and development of the Agricultural Complex at Ahmadu Bello University, including serving as staff members and/or administrative heads of units within the complex; to assist in co-ordination of the teaching, research, training and extension functions of the complex; and to train and assist in the development of Nigerian staff members at all levels.
6. Project Dates: 1964-1974
7. Project Funding: \$7,116,000 (Total Project)
8. Accomplishments: See NI 630.711 K16c

KSU provided 1029 man months of KSU staff time in the field during the term of the contract.

PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title:
3. Project Numbers: University of Wisconsin/University of Ife  
620-11-110-742
4. Contract Number: AID/afr-262
5. Project Purpose:
6. Project Dates: 1965-77
7. Project Funding: \$5,914,000
8. Accomplishments: NI 378.669 8369

## PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title: Agricultural Education, Research and Extension, Eastern Nigeria
3. Project Numbers: 620-51-110-722
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1964-72
7. Project Funding: \$3,987,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title: Agricultural Education, Western Nigeria
3. Project Numbers: 620-11-110-744
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1965-68
7. Project Funding: \$2,572,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title: Agricultural Education, Northern Nigeria
3. Project Numbers: 620-11-110-745
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1965-70
7. Project Funding: \$1,515,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Nigeria
2. Project Title: Agricultural Education for Future Leaders
3. Project Numbers: 620-11-110-748
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1965-72
7. Project Funding: \$4,154,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: **Nigeria**
2. Project Title: **Michigan State University/University of Nigeria**
3. Project Numbers: **620-11-660-206**
4. Contract Number: **ICAc-1398, c1197, AID/afr-280, AID/afr-296**
5. Project Purpose: **To provide advisory services on the planning, administration and organization for the development of a university within Nigeria, at Nsukka. The contractor's advisory assistance will be directly related to instructional, research, extension and administrative activities.**
6. Project Dates: **1958-76**
7. Project Funding: **\$9,134,000**
8. Accomplishments: **See NI 378.669 M621  
NI 378.669 M624a  
NI 378.669 M624**

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\*Final Report for Michigan State University/University of Nigeria Program, 1960-69, Contract AID/afr-280, 373pp. lib NI 378.669 M624

## Project Summary

In early 1958, Dr. J. W. Cook, Vice-Chancellor of Exeter University and President John Hannah and Dean Glen Taggart of Michigan State University investigated the factors pertinent to the establishment of a new university. The results of the Cook/Hannah/Taggart survey were contained in a White Paper issued by the Eastern Nigeria Government on November 30, 1958. They recommended that the development of the University of Nigeria, based upon the concept of service to problems and needs of Nigeria, was a desirable project and one that should receive support. The three educators suggested that considerable attention be given to analysis and basic planning; that the following academic fields be included, as a minimum: the sciences, agriculture, engineering, home economics, business and public service, education, humanities and theology, finance, and architectural planning.

A contract between ICA and Michigan State University was signed in March, 1960. In April, 1960, ground was broken for the first building. Classes began on October 17, 1960, with an enrollment of 220 students and 13 members of the academic staff. Dr. George Johnson of the MSU Advisory Group became the University's first Vice-Chancellor.

By 1966, the faculty had been increased to 448. The MSU/AID contract provided advanced training to 62 individuals. By 1967, all central administrative positions from the Vice-Chancellor down were filled with Nigerians; of the 9 Faculties, 6 were headed by indigenous deans with plans to Nigerianize two others in 1968; a growing number of Department Chairmen were Nigerian.

From 220 students in October, 1960, the student body comprised 3100 individuals six years later.

## **College of Agriculture**

The College of Agriculture (later changed to Faculty of Agriculture) was opened in October, 1961 with 65 students and a small core staff. By July, 1967, the Faculty was composed of 432 students and had a senior staff of 40, of whom 67 per cent were Nigerian and a junior/intermediate staff of 100, all of whom were local indigenous personnel. A total of 41.97 man-years of MSU agricultural advisory assistance was furnished under the contract. Of this, 39.4 represented long-term advisory assistance and the remaining 1.57 man-years were devoted to short-term consultant services. Advisors were provided in the following fields: Senior Agricultural Advisors, Animal Science, Plant/Soil Science, Agricultural Engineering and Mechanization, Agricultural Economics, Home Economics, University Farm Management, Veterinary Science, plus additional short-term advisors in Food Processing, Food Sciences and Resource and Land Use.

In order to effectively serve the Faculty of Agriculture, MSU assisted in the development of a University Teaching and Research Center. A total of 600 acres of land, contiguous with the University Nsukka campus, was provided by the Government of Nigeria. Extensive cropping experiments and demonstrations were carried out in a wide variety of field and special crops.

More than 100 agricultural research projects had been completed or were under way when operations were interrupted in July, 1967.

Throughout the duration of the MSU/AID program, extension type programs were carried out, particularly through the University's Division of Extra-Mural Studies (Continuing Education).

## **Research**

One of the objectives of the University of Nigeria was to plan, inaugurate, and develop a viable research program; to increase the research competence of the University's staff; to give major research emphasis to priority areas in Nigeria; to help assure the further "Nigerianization" of course content where and as appropriate through use of research findings; and, to institutionalize the research division at the University.

### **Extension**

The Contractor was required to contribute to the development and strengthening of the University in developing extension procedures and materials through which the University may extend its knowledge to the people of Nigeria.

## PROJECT DATA SHEET

1. Country: Sierra Leone
2. Project Title: Njala University College  
University of Illinois/Njala University  
College
3. Project Numbers: 636-11-110-015
4. Contract Number: AID/afe-63, AID/afr-293, AID/afr-648
5. Project Purpose: To provide technical and other assistance for developing research, instruction, extension and teacher training in an institution patterned after the typical U.S. land-grant college through combining and utilizing fully the physical facilities and other resources of the existing teacher training college and agricultural experiment stations which will be combined to form the college.
6. Project Dates: 1963-1971
7. Project Funding: \$2,951,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Sierra Leone
2. Project Title: Agricultural Extension Training
3. Project Number: 636-11-110-005
4. Contract Number:
5. Project Dates: 1969-1970
6. Project Funding: \$281,000

## PROJECT DATA SHEET

1. Country: Tanzania
2. Project Title: Agriculture College
3. Project Numbers: 621-22-110-0580
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1963-68
7. Project Funding: \$1,071,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Uganda
2. Project Title: West Virginia University/Arapai Agricultural College, Soroti (See also Bukalasa Agricultural College and Veterinary Training Institute)
3. Project Numbers: .
4. Contract Number: AID/afr-111, AID/afr-297
5. Project Purpose: Provide technical advice and assistance (a) in the development of Extension field staff, and (b) in the development of an Extension Service oriented livestock and Veterinary assistance staff at the Veterinary Training Institute at Entebbe.
6. Project Dates: 1963-1971
7. Project Funding:
8. Accomplishments: Enrollment in Arapai Agricultural College increased from 20 students in 1963 to a high of 214 in 1970. From 1963 to 1970, the College granted 68 certificates and 287 diplomas.

The program at Arapai (and at Bukalasa) was revised in 1969 to emphasize the 2-year program with the 3rd year made available to the better students for some degree of specialization.

## PROJECT DATA SHEET

1. Country: Uganda
2. Project Title:  
West Virginia University/Bukalasa  
Agricultural College, Bombo
3. Project Numbers:
4. Contract Number: AID/afr-111, AID/afr-297
5. Project Purpose:  
Provide technical advice and assistance  
(a) in the development of Extension field staff, and (b) in the development of an Extension Service oriented livestock and Veterinary assistance staff at the Veterinary Training Institute at Entebbe.
6. Project Dates: 1961-71
7. Project Funding:
8. Accomplishments: Provided a degree of staff continuity during the development of the college program.  
USAID built one classroom, one dormitory and 1 staff house.  
Developed an Extension Methods course, a well-equipped shop for student training, supplied materials for self-help construction by students of a Student Center and a greenhouse.  
Developed physical facilities for Animal Husbandry.  
Produced textbook on tropical soils.  
Developed Chemistry/soils laboratory and agricultural meteorological station.  
Improved the college library through addition of more than 2,000 USAID financed books.  
Total student enrollment increased from 53 in 1963 to 215 in 1971. In 1963 there were 12 certificate graduates and no diploma graduates. In 1971 there were 64 certificates and 31 diploma graduates.

## PROJECT DATA SHEET

1. Country: Uganda

2. Project Title:

West Virginia University/Veterinary Training  
Institute, Entebbe

3. Project Numbers:

4. Contract Number: AID/afr-111, AID/afr-297

5. Project Purpose:

Provide technical advice and assistance

(a) in the development of Extension field staff, and (b) in the development of an Extension Service oriented livestock and Veterinary assistance staff at the Veterinary Training Institute at Entebbe.

6. Project Dates: 1961-71

7. Project Funding:

8. Accomplishments: The syllabus was reorganized to a three-year course of training Animal Husbandry Officers, but those students who failed to qualify for entrance to the third year became Veterinary Assistants.

The library was improved and student use increased markedly.

A great number of visual aids and materials, several major items of audio-visual equipment, veterinary and laboratory instruments and equipment was supplied to the Veterinary Training Institute.

The staff was increased from three full-time staff in 1963 to twenty full-time senior and junior staff in 1971.

## PROJECT DATA SHEET

1. Country: Uganda
2. Project Title: Makerere Agriculture Faculty, University of East Africa  
West Virginia University
3. Project Number: 618-11-110-618
4. Contract Number: AID/afr-798, AID/afr-411
5. Project Purpose: To assist in increasing the output of university trained agriculturists and to strengthen the role of the University of East Africa and the Agriculture Council in East Africa in coordinating regional approaches to higher agricultural education.
6. Project Dates: 1964-73
7. Project Funding: \$1,342,000
8. Accomplishments\*: By June, 1971, the number of undergraduates in the faculty had increased from 86 to 212. The number of faculty staff members had increased from 19 to 43. In 1971, there were 53 postgraduate students registered for advanced degrees. Contract staff members were working on 27 research projects.

The instructional program for undergraduates had been revised and postgraduate programs involving both in-residence instruction and dissertation had been implemented.

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\*Agricultural Education in Uganda, Terminal Report, Contract USAID/afr-411, International Programs, West Virginia University at Makerere University, Morgantown, West Virginia, May, 1972. 221 pp. UG 630.711 W522c

## PROJECT DATA SHEET

1. Country: Bangladesh
2. Project Title: East Pakistan Universities  
Texas A&M/U Dacca
3. Project Numbers: 391-11-660-144
4. Contract Number: ICAC-2144, nesa-178, nesa-440
5. Project Purpose: To help establish the East Pakistan Agricultural University.
6. Project Dates: 1958-73
7. Project Funding: \$2,434,000 (Total Project)
8. Accomplishments:\* Researchers were trained under a Masters degree program which was established under this project. Extension workers were also trained under the project.  
The faculty was increased from 52 members in 1962 to 192 in 1970. The student body increased from approximately 450 in 1962 to about 2000 in 1970.

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agricultural University Development
3. Project Numbers: 366-11-110-038
4. Contract Number: Operational Agreement No. 28
5. Project Purpose: Make a comparative study of the organization, functions and working of Indian and American agricultural and research institutions and agricultural colleges and make recommendations, including in particular, as to how the assistance envisaged under various TCM (Technical Cooperation Mission) agreements could be utilized to maximum advantage to remove some of the critical deficiencies in the existing facilities for agricultural research and education in India. Suggest methods for coordinating the work of such institutions in India functioning under the Center, the States and the Universities.
6. Project Dates: 1954-1965
7. Project Funding: \$5,981,000
8. Accomplishments:  
Five U.S. Land-Grant Universities agreed to assist 40 Indian colleges of agriculture and veterinary science and two research institutes.

Project Summary

## PROJECT DATA SHEET

1. Country: India
2. Project Title: University of Illinois/Allahabad Agricultural Institute
3. Project Number: 386-
4. Contract Number: ICAC-1453
5. Project Purpose:
6. Project Dates: 1955-65
7. Project Funding: \$2,013,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Illinois/J Nehru Agricultural University
3. Project Numbers: 386-11-110-2816
4. Contract Number: AIDc-1453, nesa-149
5. Project Purpose: To assist the State of Madhya Pradesh, India, in the establishment of the Madhya Pradesh Agricultural University (name later changed to Jawaharlal Nehru Agricultural University) an institution to serve agriculture and the rural economy of the State through the expansion of knowledge and diffusion of it among the people. The Contractor will assist the State and the University in developing policies, plans and programs and will advise on the organization, administration, and operation of the University on the development of resident instruction, extension, and research programs on ways and means by which the sons and daughters of rural people and others may be provided opportunities for training in modern agriculture and on the planning, construction, and maintenance of physical facilities and equipment of the University and other associated undertakings.  
m w
6. Project Dates: 1955-69 (?)
7. Project Funding: \$10,142,000 (Total Project)
8. Accomplishments: See IN 630.711 129  
IN 630.711 H693

### Developments:

65 participants had returned in 1969 after completion of their academic programs. Fourteen of the participants received the Ph. D. degree in the United States under this program.

Up to 1969, technical services for long-term staff totaled 197 man-months and short-term services 44 man-months. Commodities worth approximately \$150,000 were provided.

## PROJECT DATA SHEET

1. Country: India
2. Project Title:  
University of Illinois/Uttar Pradesh  
Agricultural University (Now Govind Ballabh Pant University of  
Agriculture and Technology)
3. Project Numbers: 386-11-110-281.7
4. Contract Number: AID nesa-150, ICAC-1258
5. Project Purpose: To assist the State of Uttar Pradesh,  
India, in the establishment of the Uttar Pradesh Agricultural  
University, an institution to serve agriculture and the rural  
economy of the State through extension of knowledge and diffusion  
of it among the people. The Contractor will assist the State and  
the University in developing policies, plans, and programs and  
will advise on the organization, administration, and operation of  
the University on the development of resident instruction,  
extension, and research program; on ways and means by which the  
sons and daughters of rural people and others may be provided  
opportunity for training in modern agriculture; and on the  
planning, construction, and maintenance of physical facilities  
and equipment of the University.
6. Project Dates: 1959-77
7. Project Funding:
8. Accomplishments: See IN 630.711 129  
IN 630.711 H893

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agricultural University Development, Andhra Pradesh  
Kansas State University/Andhra Pradesh  
Agricultural University
3. Project Numbers: 386-11-110-2813
4. Contract Number: AID/nesa 146
5. Project Purpose:
6. Project Dates: 1963-72
7. Project Funding: \$2,636,000
8. Accomplishments: See IN 630.711 K16  
IN 630.711 K37 (KSU's Eight Years in  
India)

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agricultural University Development,  
Maharashtra
3. Project Numbers: 028 (366-11-110-2818)
4. Contract Number: ICA-W-137
5. Project Purpose: To provide technical advice and assistance in the fields of agriculture, animal husbandry, home economics, and veterinary science in the Central Region (IV) of India. Under USAID operational agreement (No. 028 with amendments) with the Government of India, objectives are "to strengthen the agricultural institutions of India engaged in education, research and extension and in carrying out laboratory control of agricultural products.
6. Project Dates: 1956-64 (67-73)
7. Project Funding: (\$949,000)
8. Accomplishments: See IN 630.711 K37 - Kansas State University's Eight Years in India, 81 pp.  
Also see IN 630.954 K16 Kansas State University--Sixteen Years in India, a terminal report  
One hundred fifty-eight participants were sent to the United States for training under this project.

## Project Summary:

On March 23, 1956, a contract was signed, ICA-W-137, in which Kansas State University agreed to render "technical advice and assistance in the fields of agriculture, animal husbandry, home economics and veterinary science" in the central area of India consisting of the States of Hyderabad, Bombay, Saurashtra, and Kutch. (The States were later reorganized as the States of Andhra Pradesh, Maharashtra and Gujerat.) The objectives were "to strengthen the institutions in the field of agriculture engaged in education, research and extension and in carrying out laboratory control of products." This was to be accomplished by:

1. Providing the services of specialists.
2. Interchange of staff personnel and advanced students between U.S. and India.
3. Provide field laboratory and classroom equipment, books and journals in support of the specialists' efforts to strengthen the Indian agricultural program.

Ten colleges of agriculture and veterinary science in this region were approved for assistance by Kansas State under the contract. These were: Colleges of Agriculture in Hyderabad, Poona, Bapatla, Alola, Nagpur and Institute of Agriculture in Anand and Veterinary Colleges in Hyderabad, Tirupati, Bombay and Nagpur. Later the College of Home Science in Hyderabad, College of Agriculture in Tirupati and Indian Veterinary Research Institute in Izatnagar were included for assistance.

In April, 1961 and following, each cooperating U.S. university was asked to develop plans for its Region, establishing fields of specialization, locations, and prospective number of specialists and participants. Plans were made to provide assistance to those institutions that had passed enabling legislation providing for an agricultural university that was approved by the Agricultural Universities Committee.

Andhra Pradesh had been progressing towards the rural university concept for some time. In December, 1963, legislation was enacted by the State Government and the Agricultural University was a reality. The following institutions initially became colleges of the University:

College of Agriculture, Rajendranagar, Hyderabad  
College of Veterinary Science, Hyderabad  
College of Home Science, Hyderabad  
College of Agriculture, Bapatla  
Andhra Veterinary College, Tirupta  
Sri Venkateswara Agricultural College, Tirupta

The state research stations and extension institutions would become part of the University within three years--the length of delay to be determined by the time necessary to appoint a Director of Extension and a Director of the Agricultural Research Station.

The new university had features unique to Indian educational institutions. The courses were offered on the trimester plan, and some selection of classes would be allowed for students in the last three or four trimesters. A similar course was worked out at Tirupati and Bapatla under one of the existing colleges. Internal evaluation was to be used by the course instructors with grades given at the end of each trimester. A student advisory system would be used. The new system would be adopted by phases so that the students who had already begun a program of study would complete their programs under the old system. Each new class would begin and continue on the new trimester system.

## PROJECT DATA SHEET

1. Country: India
2. Project Title: University of Missouri/Assam Agricultural University  
Project Numbers: 386-
4. Contract Number: AID/nesa 161
5. Project Purpose:
6. Project Dates: 1970-
7. Project Funding:
8. Accomplishments: See IN 630.711 A844

### PROJECT DATA SHEET

1. Country: India
2. Project Title: University of Missouri/Oriassa Agricultural University
3. Project Numbers:
4. Contract Number: AID/nesa 144
5. Project Purpose:
6. Project Dates: 1957-72
7. Project Funding:
8. Accomplishments: See IN 630.711 M678b

## PROJECT DATA SHEET

1. Country: India
2. Project Title:  
The Ohio State University/Regional Contract  
for Northwestern India--States of Rajasthan, Pepsu, Punjab, and  
Himachal Pradesh.
3. Project Numbers:
4. Contract Number: TCA-W-18  
ICA-W-630
5. Project Purpose: Render such advice and assistance to the  
Ministry as may be appropriate to effectuate the general purpose  
of strengthening the Indian agricultural institutions engaged in  
education, research and extension in performing their key roles  
in India's agricultural development and such other purposes ...by  
carrying out ...projects and activities in the fields of  
agriculture, animal husbandry, veterinary science and home  
economics...
6. Project Date 1955-1964
7. Project Funding:
8. Accomplishments: Preliminary Program - 1955-1964

Punjab Agricultural University  
Punjab Agricultural University was started in 1962. It included  
two well established campuses, one at Ludhiana and the other at  
Hissar.

### University of Udaipur

In December, 1960, the Governor of  
Rajasthan set up a Governing Board to manage and control the  
institutions in the state which would become the nucleus of a  
proposed university. This included the Rajasthan College of  
Agriculture at Udaipur along with its poultry farm and an  
extension wing, the College of Home Science operated by the  
Rajasthan Mahila Vidyalaya at Udaipur, the Agricultural Chemistry  
and Plant Pathology Sections of the State Department of  
Agriculture and the Training Program for the staff working in the  
Intensive Agricultural Cultivation in Pali. In 1963, the name  
was changed to the "University of Udaipur". Other changes  
included the addition of other colleges so that the institution  
lost its state-wide status and was no longer an Agricultural  
University.

OSU/AID Contract 147  
1964-1973

In 1964, under contract 147, the Ohio State University agreed to assist the State of the Punjab and the Punjab Agricultural University (PAU). What is now the Haryana Agricultural University (HAU) was then the Hissar Campus of the Punjab Institution and accordingly was provided assistance under the terms of the Contract.

Project Summary

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Ohio State University/Punjab Agricultural University
3. Project Numbers:
4. Contract Number: AID/nesa 147
5. Project Purpose:
6. Project Dates: 1964-69
7. Project Funding: \$984,483 (An Assessment of Progress)
8. Accomplishments: Eighteen experts from Ohio State Contract: agricultural economics, agricultural engineering, animal and poultry husbandry, home science, agronomy, soils, entomology, plant pathology, agricultural extension, agricultural information, and administration.  
Participant training was provided to 65 staff members, of whom 26 were still with P.A.U. in 1970. Others were in Government service or at other universities in India.

See IN 630.711 G277a, An Assessment of Progress to 1970, Punjab Agricultural University, by Indian Council of Agricultural Research, 1970, 153 pp.

IN 630.711 6277a, The Punjab Agricultural University, An Assessment of Progress to 1970, pp. 128-132

## **Linkages to Other Institutions**

Linkages with Research Agencies: Relationships with other research institutions are inadequately developed, except for the coordinated schemes of research fostered by the I.C.A.R. In the case of coordinated schemes continuous and sustained interest and exchange of information are promoted through links of coordinators.

State Agricultural Agencies: Satisfactory linkages have been developed with the State Government Department by the University. There is collaboration with the State's agencies in implementing research recommendations, training of farmers, arranging exhibitions, e.g., family planning by the Home Science College. The University provides service in testing of soil and irrigation water samples, and analyzing samples of food, feed and compost .

I.C.A.R., Universities and Colleges: P.A.U. has a linkage with other universities and institutions in the country through the I.C.A.R. Links have been forged to permit graduate students to avail of research facilities at N.D.R.I., Karnal, for their degree programme. The Extension Education Department circulates summaries of research of graduate students to sister departments of extension education.

Association of Agricultural Universities: P.A.U. helped organize the Association and participates in it.

Contacts with Graduates: The University should have a strong and active alumni association. So far, it does not have one.

Library Linkages: The P.A.U. Library has developed a library exchange programme, an inter-university loan program and a reprographic section which can supply copies upon request from anywhere in the world. The University Library Committee includes two librarians from other institutions as members.

Professional Societies and the Scientific Community: More faculty members should join and participate in the activities of scientific societies relating to their disciplines. The I.C.A.R. should devise ways and means for promoting the publication of journals dealing with individual or related disciplines so as to discourage each university from publishing research journals covering all the disciplines.

Input and Output Firms and Credit Agencies: Representatives of input supply and output marketing firms and credit institutions contact the departments and colleges of the P.A.U. for testing of new inputs, uses and doses for inputs, securing recommendations about candidates for employment, grant of scholarships and for addressing their trainees. This is an activity to be promoted.

Funding Agencies: The building up and strengthening of relationships with funding agencies is a matter of personal initiative and contacts.

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agricultural University Development, Mysore State  
University of Tennessee/University of Agricultural  
Sciences, Bangalore and others
3. Project Numbers: 386-11-110-2812 and others
4. Contract Number: ICA-W-100, ICA-W-868, AID/nesa-145
5. Project Purpose: From 1955 to 1964, provide assistance to nine  
agricultural and veterinary colleges in Madras, Mysore, and Kerala States.  
From 1964 to 1972, provide assistance to the University of  
Agricultural Sciences in Mysore State.  
From 1967 to 1972, provide assistance to the Departments of  
Agriculture in Mysore and Madras States to bring about rapid increases in  
food grain production through Agricultural Production Programs. These  
programs were conducted with the involvement of the University of  
Agricultural Sciences in Mysore State and the College of Agriculture and  
Research Institute, Coimbatore, in Tamil Nadu State (formerly Madras State).  
A second objective of the Agricultural Production Programs was the  
promotion of close working relationships and coordination of research and  
extension programs conducted by the State Departments of Agriculture and the  
agricultural universities and colleges.
6. Project Dates: 1955-72
7. Project Funding: \$5,200,000 (University of Tennessee figure)  
\$2,397,000 (FAISHIST-Project 2812)  
\$ 713,000 (Project 3666)  
\$ 634,000 (Project 3661)
8. Accomplishments: As of September 30, 1972, 47 long term advisors and 16  
consultants had served in Mysore, Tamil Nadu and Kerala States on UT/USAID  
agricultural contracts. This amounted to 116.5 man years of service in  
twenty-seven subject-matter fields.  
UT was the home campus for 130 staff members of Indian colleges  
and universities. In addition, sixteen participants received informal  
training for periods of three to nine months each.  
From 1956 on, UT contract teams devoted approximately one-fourth  
of their time to the development of agricultural extension work in the  
Colleges, Mysore University of Agricultural Sciences, and the State  
Departments of Agriculture. Aid included training in subject matter,  
methodology, organization, and coordination of extension work conducted by  
these institutions.

See IN 630.711 T297c

Expenditures for period July 1, 1967-August 31, 1969 totaled \$1,262,772.85.

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agricultural University Development, Mysore  
College of Fisheries, Mangalore
3. Project Numbers:
4. Contract Number: AID/nesa 145
5. Project Purpose: As part of Project 2812, to assist in the development of the College of Fisheries, Mangalore. This institution was a faculty of the University of Agricultural Sciences.
6. Project Dates: 1970-71
7. Project Funding: Part of project 2812.
8. Accomplishments: See IN 630.711 M913

Report of D.D. Moss, Consultant in Fisheries of the University of Tennessee/India Agricultural Programs.

## PROJECT DATA SHEET

1. Country: India
2. Project Title: Agriculture University Development Maharashtra  
Pennsylvania State University/Maharashtra  
Agricultural University (later Mahatma Phule Agricultural University)
3. Project Numbers: 386-11-110-2818
4. Contract Number: AID/nesa 346
5. Project Purpose: To assist in the establishment and operation of the Maharashtra Agricultural University in the State of Maharashtra, India. Assist the State of Maharashtra and the Indian University in developing policies, plans and programs and to advise on the organization, administration and operation of the University, the development of teaching, extension and research programs, and on physical facilities and equipment for the University.
6. Project Dates: 1967-73
7. Project Funding: \$949,000
8. Accomplishments: Provided 162 man-months of staff time.  
Twenty-nine participants studied on Ph.D. programs under this contract.

### PROJECT DATA SHEET

1. Country: Indonesia
2. Project Title: University of Kentucky/University of  
Indonesia, Bogor
3. Project Numbers: 497-11-004
4. Contract Number: ICA-W-699
5. Project Purpose:
6. Project Dates: 1958-66
7. Project Funding: \$3,408,000  
\$5,542,667 Contract AID/W 699 as  
reported in Kentucky at Bogor, Final Report, March, 1968
8. Accomplishments: See ID 630.711 K37b  
ID 630.711 K37f

PROJECT DATA SHEET

1. Country: Korea
2. Project Title: College of Agriculture, Seoul National University
3. Project Numbers: 489-11-660-512
4. Contract Number: ICAC-1131
5. Project Purpose:
6. Project Dates: 1955-1961
7. Project Funding: \$1,544,000 (Total Project)
8. Accomplishments:  
See KS 378.5195 B851

Project Summary

PROJECT DATA SHEET

1. Country: Pakistan
2. Project Title: Colorado State University/University of Peshawar
3. Project Numbers: 391-11-660-003
4. Contract Number: ICA-W-658
5. Project Purpose:
6. Project Dates: 1954 -65
7. Project Funding: \$1,740,240
8. Accomplishments: PK 378.5491 H812

1. Country: Pakistan
2. Project Title: Inter-University Exchange Program  
Washington State University/West Pakistan  
Agricultural University, Lyallpur
3. Project Numbers:
4. Contract Number: AID/nesa 178
5. Project Purpose: The purpose of this project is to establish a higher educational institution which is comprised of all disciplines relating to agriculture; and to foster post-graduate and undergraduate teaching, research, extension and rural education. This purpose is to be accomplished by the following means: the use of a contract team of Visiting Professors from Washington State University, participant training in the United States for faculty members, and by furnishing a limited quantity of commodities.
6. Project Dates: 1961-1969
7. Project Funding:
8. Accomplishments: See PK 630.711 W319 (Several semi-annual reports)  
PK 630.711 P152a

PROJECT DATA SHEET

1. Country: The Philippines
2. Project Title: University of the Philippines (660)  
College of Agriculture (110)  
Cornell University
3. Project Numbers: 492-11-660-012  
492-11-110-053
4. Contract Number: ICAC-1395 ?
5. Project Purpose: To help rebuild and develop the University of the Philippines College of Agriculture as an effective institution for modern scientific agricultural research and education and to train Filipinos to carry these responsibilities as soon as possible.
6. Project Dates: 1952 to June, 1960  
FAISHIST (660) 1950-1970  
" (110) 1950-1967
7. Project Funding: (660) \$1,350,000  
(110) \$841,000  
Report: \$2,451,000  
Contract Services--\$1,421,000  
Participants ( 149,869)  
Participants 148,000  
Technicians 79,000  
Commodities 803,000
8. Accomplishments: See FH 530.711 C814

## PROJECT DATA SHEET

1. Country: Sri Lanka
2. Project Title: University of Ceylon  
Texas A&M University
3. Project Numbers: 383-11-660-006
4. Contract Number: ICA-W-61B
5. Project Purpose: Contractor will provide consulting and teaching staffs and materials for the progressive improvement of facilities of the University of Ceylon in the fields of agriculture, engineering and in upgrading the standards of science education.\*
6. Project Dates: 1956-64
7. Project Funding: \$978,000
8. Accomplishments\*:

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\*Congressional Presentation--Major "open" projects for which funds are requested in FY 1959. International Cooperation Administration, 1958.  
p. 35.

PROJECT DATA SHEET

1. Country: Sri\_Lanka
2. Project Title: Agriculture Extension, Research and Education
3. Project Numbers: 383-11-110-002
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1956-65
7. Project Funding: \$1,406,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Thailand
2. Project Title: University of Hawaii/Kasetsart University
3. Project Numbers: 493-11-110-087
4. Contract Number: AID/afe-1
5. Project Purpose: To help establish the role of Kasetsart University as the leading agricultural institution of Thailand. The stature of KU as a trainer of professional agricultural workers in research and administration will be improved.
6. Project Dates: 1965-1968
7. Project Funding: \$1,363,000
8. Accomplishments:
  1. Progress in research program and a number of resulting publications.
  2. Upgrading of faculty qualifications (through training in U.S.) and increased ability of the University to turn out graduates.
  3. Review and revision of the KU curricula leading to changes in course offerings.
  4. Seminars offered by UH staff leading to improved teaching methods.
  5. Purchase of books, audio-visual aids and calculators for statistics lab.
  6. Several physical plant additions, including a new central library building.
  7. Commodity purchases such as research related materials, supplies and equipment.
  8. Marked increase in publication of research findings and other educational materials.
  9. Initiation of new series of research bulletins in fisheries, reports in agricultural economics and laboratory manuals for entomology and agronomy.
  10. Formulation of procedures for planning and conducting research and project review committee created to consider research proposals.
  11. Strengthening of branch station system; coordinating research work at its branch stations

AID Library Call Number TI 378.593 H389

## PROJECT DATA SHEET

1. Country: Thailand
2. Project Title: Oregon State College/Kasetsart University
3. Project Numbers: 493-
4. Contract Number: Letter Contract
5. Project Purpose:
6. Project Dates: 1954-60
7. Project Funding: \$800,129
8. Accomplishments:

PROJECT DATA SHEET

1. Country: Vietnam
2. Project Title: University of Florida/National Agriculture Center
3. Project Numbers: 730-11-620-323
4. Contract Number: AID/vn-24
5. Project Purpose:
6. Project Dates: 1966-74
7. Project Funding: \$1,392,000
8. Accomplishments: VS 630.711 F636b

## PROJECT DATA SHEET

1. Country: Vietnam
2. Project Title: University of Georgia/National College of  
Agriculture
3. Project Numbers: 730-
4. Contract Number: ICAC-1493
5. Project Purpose:
6. Project Dates: 1960-63
7. Project Funding: \$319,590
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Vietnam
2. Project Title: Agricultural Education
3. Project Numbers: 730-11-110-234
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1960-67
7. Project Funding: \$3,685,000
8. Accomplishments: US 630.71 S562

**LATIN AMERICA AND THE CARIBBEAN**

PROJECT DATA SHEET

1. Country: Argentina
2. Project Title:  
Michigan State University/Balcance  
Agricultural College
3. Project Numbers: 510-11-110-0792
4. Contract Number: AID/1a-245
5. Project Purpose:
6. Project Dates: 1963-72
7. Project Funding: \$596,000
8. Accomplishments: See AR 631.3 W668

PROJECT DATA SHEET

1. Country: Argentina
2. Project Title: Texas A & M/National Institute of Agriculture  
Technology
3. Project Numbers: 510-
4. Contract Number: AID/1a-157
5. Project Purpose:
6. Project Dates: 1964-66
7. Project Funding: \$ 344,750
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Brazil
2. Project Title:
3. Project Numbers: Ohio State University/MEC  
512-094
4. Contract Number:
5. Project Purpose: To provide consulting services to the Brazilian Ministry of Education in their attempt to establish a permanent functioning administrative mechanism for planning and implementing technical assistance in agricultural education and administration between agricultural colleges in Brazil.
6. Project Dates: 1974
7. Project Funding:
8. Accomplishments: See BR 630.711 H249

Project Summary

### PROJECT DATA SHEET

1. Country: Brazil
2. Project Title: The Ohio State University/College of Agriculture, University of Sao Paulo
3. Project Numbers:
4. Contract Number: LA-161
5. Project Purpose: To develop teaching, research and extension activities at ESALQ to better serve the agricultural and agribusiness needs of the State of Sao Paulo and of Brazil.
6. Project Dates: 1964-1972
7. Project Funding: \$965,000
8. Accomplishments : See BL 378.161 037

## PROJECT DATA SHEET

1. Country: Brazil
2. Project Title: Purdue University/Rural University of Minas Gerais
3. Project Number: 512-11-907
4. Contract Number: ICA-W-639
5. Project Purpose: Further the integration of teaching, research and extension in the Rural University of Minas Gerais in the pattern of the U.S Land Grant system; establish an information service and strengthen research and extension to serve the agricultural needs of the State of Minas Gerais;

Increase the number of students completing the graduate course, the number of students completing the undergraduate courses, and the number of Home Economics graduates;

Strengthen the competence of the Agricultural, Veterinary and Home Economics Professions, at the superior and secondary level, continuing the level of participant training in the United States or third world countries;

Coordinate State and Federal Agencies to help increase agricultural production and improve marketing.

6. Project Dates: 1953-1963
7. Project Funding: \$2,522,560
8. Accomplishments\*:

More than 550 professors and research workers participated in short courses.

Twenty students participated in one-semester post graduate training programs. A full scale graduate program leading to the M.S. degree was initiated in 1961. Thirty M.S. degrees were granted.

The Home Economics college was started in 1952.

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\*Annual Report, 1966, The Purdue-UREMG Project, Assistance in Agricultural Education, Research and Extension Development in Brazil, Contract AID/w-639 Purdue University/Rural University of Minas Gerais. Twenty-ninth through thirty second quarterly reports.

lib BR 630.711 P985d

## PROJECT DATA SHEET

1. Country: Colombia
2. Project Title:  
University of Nebraska/Inst Colom Ag
3. Project Numbers: 514-15-110-120
4. Contract Number: USAID-514-58T
5. Project Purpose: To increase and diversify agricultural production in Colombia. This project is designed to assist a joint effort of the National University of Colombia and the Colombian Agricultural Institute (ICA) and the Ministry of Agriculture to expand and upgrade the faculties of three agricultural colleges and to orient agricultural curricula toward applied research and extension and to establish an effective agricultural extension service.
6. Project Dates: 1966-73
7. Project Funding: \$2,731,000
8. Accomplishments\*: As of January 1, 1968, there were 23 Aid-financed staff members in Colombia under the Nebraska contract, three from the Kellogg Foundation and six from the Ford Foundation. There were 39 fellowship students studying in the United States for advanced degrees under AID financing.
  1. The first classes in the graduate school were initiated.
  2. Assistance was given in undergraduate teaching.
  3. Oregon State U/Colombia weed control project begun.
  4. Rockefeller Foundation/Colombia International Center for Tropical Agriculture program was agreed upon.
  5. Agreement for Texas A&M /Rockefeller Foundation program in Veterinary Medicine.

Project Summary: This project was funded by USAID, Ford Foundation and Kellogg Foundation, with some participation by the Rockefeller Foundation.

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\*The University of Nebraska Mission in Colombia, Annual Report for Period January 1, 1968-December 31, 1968. 127 pp. AID Library Call No 630.711 N362b

## PROJECT DATA SHEET

1. Country: Costa Rica
2. Project Title: Development of the College of Agriculture
3. Project Numbers: 515-11-110-032
4. Contract Number:
5. Project Purpose: Assists Faculty of the University of Costa Rica (UCR) to develop a modern College of Agriculture by improving its capabilities in research teaching and extension, and developing a highly-trained Corps of agriculture specialists who will comprise the faculty and research staff.
6. Project Dates: 1959-1963
7. Project Funding: \$20,000

8. Accomplishments\*: Technical training of faculty through members, utilizing U.S. Universities, USOM/CR technicians. Assist development of agricultural research center; general consultations with faculty on organization; teaching methodology extension techniques and development problems, with the objective of producing 25-30 highly-trained specialists. Prior assistance through other USOM/CR projects and Rockefeller Foundation. Specific accomplishments include: building to house Faculty of Agronomy and lab facilities for soils and agronomy.

NB - In FY 1961 there were two other projects assisting the Univ. of Costa Rica - 515-66-033, Basic Sciences with Univ. of Kansas, and 515-64-027, Univ. of Costa Rica assistance which stressed education.

FY 63 - This project terminated because of "complete re-programming being done in the agricultural sector". Elements were absorbed into project 515-A-11-AA - Agricultural Development - DLF Loan; new in FY 1962.

## PROJECT DATA SHEET

1. Country: Ecuador
2. Project Title: University Contract
3. Project Numbers: 518-11-110-015
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1954-59
7. Project Funding: \$420,000
8. Accomplishments:

## PROJECT DATA SHEET

1. Country: Guatemala
2. Project Title: Agricultural Education/ California Polytechnic Institute
3. Project Numbers: 520-11-110-190
4. Contract Number:
5. Project Purpose: Designed to increase in quality and quantity the number of graduates of the Agricultural Vocational School. Three specialists from Cal. Poly. will advise on farm planning, livestock improvement, laboratory improvement and forestry. Includes some participant training.
6. Project Dates: 1968-1973
7. Project Funding: \$305,000

## PROJECT DATA SHEET

1. Country: Guatemala
2. Project Title: University of Kentucky/University of San Carlos
3. Project Numbers: 520-11-110-106
4. Contract Number: AIDc-1503, ICAc-1246
5. Project Purpose: To strengthen the Faculty of Agronomy for the best possible development of the human resources of Guatemala.
6. Project Dates: 1957-1961
7. Project Funding: \$236,835
8. Accomplishments\*: In 1956, the Dean of Faculty requested SCIDA within ICA in Guatemala to provide advice and assistance to strengthen the teaching program of the Faculty of Agronomy. Contracted with Univ. of Kentucky in February 1958. Kentucky's activities included: 1) counsel and assistance in formulating plans for labs; 2) appraisal of plan of studies, course content, teaching methods and lab use; 3) appraisal of library needs and organization; 4) provide for graduate or specialized education at Univ. of Kentucky and other institutions for selected San Carlos personnel; 5) provision of books and specialized scientific equipment. Developed new plan of studies; arranged scholarships; subject-matter emphasis on TA in soils; library TA; library book donations and purchases; TA in genetics; TA in Entomology; TA in Forestry; Biometry and Statistics TA; animal science curriculum and TA; horticulture and seeds; Plant Pathology, Ag. Engineering; Biology and Botany-pre-lab Chemistry lab; assistance in preparation of reusable projects. Work in advising extension by Kentucky COP. Participant grants to faculty members.

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\* University Agricultural Education in Guatemala, Horlacher, L.V., University of Kentucky, 1957-1963. AID Library Call Number GT 630.711

## PROJECT DATA SHEET

1. Country: Panama
2. Project Title: University of Tennessee/University of Panama
3. Project Numbers: 525-77-057
4. Contract Number: ICA-5; ICA-W-834
5. Project Purpose:
6. Project Dates: 1955-1964
7. Project Funding: \$1,256,000 (PAISHIST)  
\$ 143,706 (ICA-W-5)  
\$ 888,190 (ICA-W-184)
8. Accomplishments : Assistance in agriculture began under amendment #3 to an existing Univ. of Tennessee contract to assist Univ. of Panama in Public Administration, sent survey team in Sept. 1958. Univ. of Tennessee prepared the "Pendergrass Report" fully justifying university-level training in agriculture. School of Agriculture created in November 1958 as part of the University, as a two-year college, then as four years. Admitted students first in May 1959. In October 1959 provided an advisor from Univ. of Tenn., Dr. John P. Conrad, retired from University of California. Remained to May 1963. Degree designed to be for agricultural engineer. Curriculum developed for 4 1/2-year course. Proposal to extend to 5 years made as project was ending in 1964. Conrad prepared second-year course. Further curriculum development from University of Florida and University of California, plus textbooks, lab manuals, teaching aids. Univ. of Tennessee staff increased by three ag specialists, soils, crops, and animal husbandry. Began basic research program. Participated in early development of Agricultural Experiment Station near Tocumen Airport. Graduate work in U.S. universities for Panamanians professors - 1962-1963. Library improvement, establishment of four laboratories; herbarium.

## PROJECT DATA SHEET

1. Country: Panama
2. Project Title: Agricultural Research, Education and Extension/University of Arkansas
3. Project Numbers: 525-13-110-015
4. Contract Number:
5. Project Purpose:
6. Project Dates: 1956-1964
7. Project Funding: \$676,000

## PROJECT DATA SHEET

1. Country: Paraguay
2. Project Title: National University (Faculty of Agriculture and Veterinary Medicine)/New Mexico State University
3. Project Numbers: 526-11-660-053
4. Contract Number: AID/1a-199
5. Project Purpose: To assist the Government of Paraguay to upgrade and modernize the National University through...upgrading the faculties of medicine and nursing, agriculture,...\*
6. Project Dates: 1964-1966
7. Project Funding: \$191,000
8. Accomplishments\*: Research, fieldwork, professor exchange program, and improvement projects. Summer work scholarship projects for students with future faculty potential. Applied research trials on cereals; horticultural trials; nursery made. Soils lab; faculty dam construction; short-term consultancies on curriculum revision in Agronomy and Veterinary, and range management. Equipment purchases, including for parasitology and chemistry labs, plus equipment transferred from USAID/Paraguay. Animal Production, Crop Production Departments strengthened.

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\* Country Assistance Program, Paraguay, FY 1966, Part II, pp. 36-40.

\* Quarterly Reports, New Mexico State University. AID Library Call Number PA 630.711 M53

## PROJECT DATA SHEET

1. Country: Paraguay
2. Project Title: Montana State College/National University of Asuncion
3. Project Numbers: 526-11-660-053
4. Contract Number: ICAc-1417
5. Project Purpose: To advise and assist the College of Agronomy and Veterinary Medicine of the National University to raise the level of administration and instruction, to develop a more adequate curriculum, and to improve teaching and laboratory facilities. The target also includes achieving a closer cooperation with other faculties of the University, the Agricultural Experiment Station and the Extension Service.
6. Project Dates: 1960-63
7. Project Funding: \$160,000
8. Accomplishments: Montana State College provided advisory help from 1961-63, including resident advisors in livestock production, agricultural economics and agricultural engineering. Also see the following page for the continued assistance by the New Mexico State University.

## PROJECT DATA SHEET

1. Country: Peru
2. Project Title: Agrarian University , North Carolina State/National School of Agriculture
3. Project Numbers: 527-11-110-117
4. Contract Number: AIDc-1776
5. Project Purpose:
6. Project Dates: 1965-1971
7. Project Funding: \$2,000,000
8. Accomplishments\*:

1. Preparation of a series of 11 discussion papers dealing with major problems of agricultural sector in Peru.

2. North Carolina State assisted in reorganization of faculty curricula and basic course content, administration modernization and teaching and research programs in the Faculties of Agronomy, Animal industry, Science and Social Science.

3. Development of graduate curricula with departments having staff competence to train Specialists for developing Peru agricultural sector.

4. Initiation of program to examine four administrative offices in relation to needs of the institution and efficiency.

5. Development and implementation of sound undergraduate curricula in Economics and Rural Sociology.

6. Development of curricula for graduate level coursework in economics.

7. Initiation of many new research projects for agricultural sector.

8. Establishment of IBM computer center and training of staff to use facility.

9. Technical assistance to Poultry Department.

10. Development of program and lab for animal nutrition.

11. Progress in corn hybridization Program.

12. Efforts to increase institution size and staff to meet university growth.

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\* Progress Reports, North Carolina State University. AID Library Call Number PE 630.985 N864

## PROJECT DATA SHEET

1. Country: Peru
2. Project Title: Agricultural Institutional Development  
North Carolina State University/National University of Agriculture
3. Project Numbers: 527-11-110-060
4. Contract Number: AID/1a-510
5. Project Purpose: To support agricultural production and land reform by the improvement and expansion of education, extension, research, and reforestation. Technical assistance is provided to the National Agricultural University which provides Peru's expertise in agricultural research and extension...\*
6. Project Dates: 1962-1971
7. Project Funding: \$7,658,000 (Congressional Presentation Figure)
8. Accomplishments:
  1. Graduate level courses in soil-plant-animal nutrition and supervision of graduate research.
  2. Promotion of problem solving economic research in Economics Dept. (through coordination of Ford Foundation staff).
  3. Emphasis on curricula, course reviews, development of Textbook Loan Library and Library development.
  4. Building of four Faculty Office Buildings; Laboratory complex and site development, maintenance and Operations Building, Activities Center, National Agricultural Library.
  5. Emphasis on study and improvement of business procedures with goal of utilizing data processing equipment.
  6. Effort and support by North Carolina Mission to assist the two institutions to develop capability for better food production, processing and marketing of food crops.
  7. Built institutional capacity and initiated commodity food programs, i.e., 1966 - potato program; 1967 - fruit program; 1968 - rice program.
  8. Expansion and participation in Bean and Oils Program and Forage-Livestock Program.

## PROJECT DATA SHEET

1. Country: Uruguay
2. Project Title: Iowa State University/University De La Republica Oriental
3. Project Numbers:
4. Contract Number: AID/1a-65
5. Project Purpose:
6. Project Dates: 1962-1965
7. Project Funding: \$1,065,000
8. Accomplishments:
  1. Establishment of a viable National Soil Survey Program for Uruguay.
  2. Delivery of soil mapping training course for soil survey party members.
  3. Advising to Soil Science Dept. on problems of soil management and faculty administration and organization.
  4. Pasture (for livestock) supplementation project.
  5. Supervision of construction of several buildings and facilities for Farm Machinery School.
  6. Development of curricula and performance testing of cattle at livestock school.
  7. Installation of equipment for a pilot processing plant at Dairy Industry School. Improvement in library facilities and classes for students.
  8. Special horticultural assistance from horticultural advisor.
  9. Laboratory procedures for making isolations and inoculum and planting of disease resistant test plots.

**NEAR EAST**

## PROJECT DATA SHEET

1. Country: Afghanistan
2. Project Title: University of Wyoming/College of Agriculture and Veterinary in Kabul University
3. Project Numbers: 306-11-690-092
4. Contract Number: ICAC-1077, AID/nesa-215
5. Project Purpose: To assist the Royal Afghan Ministry of Education in the establishment and development of a faculty of Agriculture as a part of Kabul University. This Faculty will provide a four year course at the University level in agriculture. Such departments to be adequately equipped, housed and staffed by Afghanistan personnel.
6. Project Dates: 1956-1973
7. Project Funding: \$13,084,000 (Total Project)  
The following projects were carried out under the contracts with the University of Wyoming and included in the above funding: Vocational Agriculture Project, Afghan Institute of Technology Project, Agricultural Research Project and Faculty of Agriculture and Engineering Project.
8. Accomplishments: The Team opened a Faculty of Agriculture and Engineering in Kabul University. The Faculty was later divided into a Faculty of Agriculture and a Faculty of Engineering.

In 1972, there were 114 graduates from the Faculty of Agriculture. The major fields of study included: Plant Science, Animal Science, Extension Economics, Education, and Agricultural Engineering.

Forty seven active Afghans served as staff members in the Faculty of Agriculture. Another six staff members were in training in the United States and were expected to return to the Faculty upon completion of training.

A research farm was developed and turned over to the Afghan faculty members for operation.

## PROJECT DATA SHEET

1. Country: Iran
2. Project Title:  
Utah State University/Karadj College (The College of Agriculture of the University of Tehran)
3. Project Numbers: 265-11-110-009
4. Contract Number: ICA-X-6  
First contract: 1951-54 This contract called for technicians to work throughout Iran with the Ministry of Agriculture. Fourteen technicians constituted the Utah State University staff in Iran under this contract.  
Second contract: 1954-58 This contract called for furnishing of technical assistance to the Ministry of Agriculture for the improvement of plant science and for carrying out projects in agricultural engineering. It also provided for advisory service to Karadj Agricultural College.  
Karadj College contract: 1958- This contract provided for eight advisors to work with the faculty of Karadj College of Agriculture.
5. Project Purpose: To assist in the expansion and development of the College of Agriculture of the University of Tehran to effectively meet the needs of Iran for trained leaders in the various fields of agriculture. This involves technical assistance and guidance in (A) Establishment of objectives and scope of work of the College; (B) Expansion of the physical plant; (C) Improvement of College administrative organization and business management; (D) Revision of curriculum and modernization of subject matter; (E) Development of student services and extra curricular activities; and (F) Initiation of research programs.
6. Project Dates: 1952-66
7. Project Funding: \$1,161,000
8. Accomplishments: See IR 378.55 U89  

Developed a Master Plan for college expansion and development.

Adopted a four-year curriculum to replace the former three-year curriculum. Along with this, scheduled courses on a semester basis and developed specific courses in various subject matter fields.

Between 1951 and 1961, 51 technicians served on the Utah State University Contract in Iran. There were 261 Iranian students enrolled at Utah State University during the same period of time.

## PROJECT DATA SHEET

1. Country: Iraq
2. Project Title: University of Arizona/Iraq College of Agriculture
3. Project Numbers: 266
4. Contract Number: ICA-W-591
5. Project Purpose: To assist the Government of Iraq to develop, at the Iraq College of Agriculture at Abu Ghraid, adequate facilities and competent faculty for the College level training (including graduate training) of an increasing number of Iraqi students and thus to provide the agricultural technicians needed to service the developing economy of Iraq.
6. Project Dates: 1952-1959

Project Funding: \$742,436

### E. Accomplishments:

Sixteen staff members were sent to Iraq under regular appointment.

see "The Iraq College of Agriculture. Its History, and Development 1952-1959 IO 630.711 A 714

### Project Summary

#### Physical Plant

The physical plant for the Iraq College of Agriculture was built under an Iraq Development Board grant of the equivalent of \$1,000,000.

#### Faculty

"When the college was founded in 1950, there was not one person in Iraq, of Iraqi nationality, who had had college teaching experience in agricultural subject matter, or who had had agricultural college training plus teaching experience at any college level. "(1)

By June, 1959, the regular faculty of 30 persons were all Iraqi except for two Germans, one Indian and One Pakistani. There were eight faculty members with Ph.D. degrees and four with M. S. degrees. In addition, there were 21 College of Agriculture graduates abroad for advanced study as of June, 1959.

## Curriculum

The rigid curriculum with which the college began was changed to a group system, with "majors" in Animal Science, Plant Science and General Agriculture. At the departure of the Arizona team in 1959, there were 14 departments in the College of Agriculture.

## College Library

The first library books of any consequence were a gift of the Technical Cooperation Administration. These included about 600 volumes of science subjects. The Arizona contract provided 685 volumes and a library consultant who helped to set up a new library in the Main Building. In 1959, there were about 8,000 volumes in the library.

## Research

The Agricultural College was separate from the Experiment Station. It was the responsibility of the individual departments of the college to coordinate their research activities with other research individuals and agencies of the nation.

PROJECT DATA SHEET

1. Country: Morocco
2. Project Title: Assistance to Higher Agricultural Education  
University of Minnesota
3. Project Numbers: 608-0088 (608-11-110-088)
4. Contract Number:
5. Project Purpose: To assist Hassan II Agronomic Institute in planning its curriculum and in developing Moroccan advanced teaching and research capabilities in Soil and Plant Sciences relevant to Morocco's agricultural development needs.\*
6. Project Dates: 1969-77
7. Project Funding: \$1,641,000
8. Accomplishments:

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PD-AAA-861-A1 Special Evaluation Report  
HASSAN II INSTITUTE OF AGRONOMY AND VETERINARY SCIENCE  
Practical Concepts, Inc., Washington, DC, US  
13 MAY 1975, 56P, EN  
DIC Call No: MO 630.711.P895  
6080088

Evaluates USAID assistance to Morocco from 1971 to 1974 to develop indigenous expertise in the fields of agronomy and veterinary science. The major problems in the project developed from AID's misunderstanding of the role, objectives and official context of the Hassan II Institute of Agronomy and Veterinary Science (the proj beneficiary). Because of this misunderstanding, the University of Minnesota contract team was sometimes frustrated and out of synchrony with the objectives of H II Inst. While American universities place great emphasis on research, under the European system followed by H II Inst, field and laboratory research are considered technical pursuits inappropriate to intellectuals and scholars. As a result, some US team members had no students to supervise for the first two years. A research program to develop improved and disease-resistant barley varieties was effectively implemented. Research and study efforts were also directed toward crop viruses and soil conditions. One team member is producing a textbook on Moroccan soils, their classifications and productive capabilities. Since 1974, the average number of sixth-year students per faculty member rose from 1.0 to 1.6. Evaluators note that the above figure is misleading since US faculty members often give advice to students not officially assigned to them.

The major flaws in the project were the inability of AID-supported faculty to attract motivated researchers to replace them and the failure of Hassan II administrators to place a high priority on the Moroccanization of its research and teaching staff. The evaluators recommend that USAID assign project technicians only to those disciplines for which counterparts are provided and a US faculty replacement is likely within one or two years.

Descriptors: /MOROCCO/ - /Crop pests/ /Crop diseases/ /BARLEY/ /Curriculum design/ /Higher education/ /Veterinary medicine/ /Agricultural research/ /Agricultural trainings/ /Curriculum/ /Universities and colleges/ /Agricultural education/ /Institution building/ /Participants/

Identifiers: /Indepth eval/

## PROJECT DATA SHEET

1. Country: Tunisia
2. Project Title: Chott Maria Agricultural School  
Texas A & M
3. Project Numbers: 664-51-620-169 (664-22-110-169) .  
664-0169
4. Contract Number:
5. Project Purpose: To develop a land-grant type agricultural education institution at Chott Maria. The project involves the financing of (a) preliminary and working plans and designs for the buildings by a U.S. architectural firm; (b) participant training for future staff members; (c) partial staffing and curriculum development under a contract with Texas A & M University; and (d) construction and equipping of the school under a development loan.  
Texas A & M team in 1964 included the Chief of Party (and assistant director of the school), agricultural engineer, and professors of English, horticulture, agronomy (2), rural social science, livestock-poultry, and an agricultural specialist. Instruction began at vocational agricultural school level. The second stage of raising the institution to college level was to begin by 1971-72.\*
6. Project Dates: 1962-73  
1964-76
7. Project Funding: \$2,231,000 (664-51-620-169)  
\$2,205,000 (664-0169)
8. Accomplishments:

OUTPUTS: INDIGENOUS TEACHERS TRAINED AT TEXAS A AND M UNIVERSITY. CHOTT MARIA AGRICULTURAL SCHOOL BUILT AND EQUIPPED; SCHOOL OF LAW, ECONOMICS AND BUSINESS ADMINISTRATION. UNIVERSITY OF TUNIS BUILT AND EQUIPPED. ENROLLMENTS AND EDUCATION CLASSES INCREASE. CHOTT MARIA SERVES AS IN-SERVICE TRAINING CENTER FOR TEACHERS AND ADMINISTRATORS.

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\*Program and Project Data related to proposed Program--FY 1965.  
Region: Africa p. 375. In AID Reference Library.

## PROJECT DATA SHEET

1. Country: Turkey
2. Project Title: University of Nebraska/Ataturk University
3. Project Numbers: 277-11-660-211
4. Contract Number: ICA-W-610, AID/nesa-188
5. Project Purpose:
6. Project Dates: 1955-68
7. Project Funding: \$3,893,000 (Total Project)
8. Accomplishments: See TU 378.4961 N362a

**APPENDIX I**  
**LISTING OF CONTRACTOR**  
**PERSONNEL BY COUNTRY AND PROJECT**

**AFRICA**

Ethiopia  
 Agriculture, Education and Research  
 Oklahoma State University/College

Oklahoma State University Staff Members who served in Ethiopia:

Abbott, W.S.	Coordinator, International Programs	1954-68
Adama, O.S.	Animal Science Admin Officer	Intermittent 1954-58
Afanasiev, M.	Forestry	1964-68
Amann, V.F.	Agri Economics	1958-61
Anderson, E.	Botany	1962-66
Andrews, H.N.	Consultant	1957
Angerer, C.L.	President, Eth A&MA	1961
Arnold, D.M.	Extension Director	1952-56
Ashabranner, B.K.	Materials Production	1959-63
Atherton, J.C.	Land Resettlement	1955-57
Earham, G.M.	Math/Physical Ed	1955-57
Barnum, M.F.	Science	1962-64
Basham, C.W.	Horticulture	1960-62
Baumann, W.E.	Soils Consultant	1959-61
Beadles, J.F.	Zoology	1952
Beck, W.J.	Extension	1966-68
Bell, R.R.	Well Driller	1953-57
Bennett, H.G.	President, Olla A&M	1955-57
Berger, B.D.	Architect	1957
Bernal, A.E.	Arts and Crafts	1955-56
Biard, M.J.	Extension	1954-56
Bigbee, D.G.	Poultry Science	1958-61
Bills, C.E.	Architect	1962-66
Blair, B.J.	Architect	1952, 54, 55
Bolton, D.L.	Science	1954-56
Bolton, F.E.	Agronomy	1954-56
Bradfield, P.W.	Well Driller	1963-65
Brandt, H.W.	Accountant	1954-57
Brannon, L.H.	Director, OSU/Ethiopia	1953-55 1952-56
Burger, W.C.	Botany	1964-68
Burley, R.H.	Information	1961-65
Campbell, J.D.	English	1955-57
Canaday, E.	Information	1959-61
Champion, J.H.	Extension	1957-59
Chandler, J.B.	Linguist	1954-58
Cheseldine, C.C.	English	1955-57
Clyma, W.	Agri Engineering	1958-67
Craig, L.C.	Director, Extension Service	1964-66
Damon, E.G.	Plant Sciences	1957-59
Darlington, W.W.	Science	1958-60
Darlow, A.E.	Animal Science/Extension	1956-58
Davis, K.C.	Agri Economics	1952, 64
Davis, R.G.	Educational Research	1963-65
Davis, W.D.	Extension	1955-57
DeCory, L.	Sanitary Engineer	1953-57
Delliquadri, L.M.	Cartographer	1954-56
Dietrich, J.F.	Arts and Crafts	1953-57 1953-56

Ethiopia  
 Agriculture, Education Research  
 Oklahoma State University/College

Douglas, L.	English	1967-68
Dye, E.L.	Agri Education	1967-68
Ebert, F.E.	Well Driller	1954-55
Edington, E.S.	Consultant	1945
Elliott, D.A.	Farm Mechanics	1953-56
Elliott, J.N.	English	1957-59
Evans, C.L.	Plant Sciences	1961-65
Flanders, R.L.	Physical Plant/Services	1956-64
Frey, M.R.	Engineer	1964-68
Funk, E.	Veterinary Medicine	1954-55
Gentry, R.L.	Home Economics	1963-65
Gibson, W.G.	Plant Sciences	1957
Glass, B.F.	Farm Mechanics	1961-65
Glenn, J.C.	Zoology	1958-62
Harlan, J.	Animal Science	1962
Hartley, R.I.	Agronomy	1959-61
Hedger, H.K.	OSU Board Regents	1960
Hedrick, J.E.	Plant Sciences	1965
Henderson, L.	Information	1955-59
Herron, J.D.	Biochemistry	1961-65
Hill, E.G.	Animal Science	1961
Hobbs, W.W.	Arts and Sciences	1952-54
Hoff, W.E.	Agri Engineering Technology	1957-65
Holland, G.L.	Mathematics	1960-66
Holley, J.A.	Animal Science	1962-64
Horn, J.O.	Education	1960-68
Huffine, W.W.	Plant Science	1955, 60
Hyden, A.G.	Agronomy	1953-57
Ingersol, R.H.	Mathematics	1960
Jackson, B.R.	Arts and Sciences	1958-60
Jacob, J.M.	Vice Dean	1959-66
James, H.E.	Architect	1954-59
Jeffrey, D.B.	Science	1961-63
Johns, F.L.	Extension	1954-56
Jones, F.L.	Architect	1952-54
Jones, R.K.	Instructor	1963-65
Kamm, R.B.	Representative, Okla A&M	1964-66
Kammerlocher, A.A.	President, Okla State U	1957
Keahey, K.K.	Veterinary Medicine	1967
Kern, W.	Dean, Eth A&M	1961-63
Kindell, C.R.	Member, Board Regents	1954-60
Knowles, L.G.	Director, Jimma	1962
Kubicek, F.	Pres. HSIU Coll Agriculture	1958-60
Laase, G.R.	Well Driller	1960-66
Landry, J.W.	Physical Plant/Services	1955-57
Lee, R.E.	Plant Sciences	1956-64
Lewis, M.L.	Science	1965-67
Lindsey, J.K.	Information	1961-68
Little, E.T.	Cartographer	1960-61
	Sanitary Engineer	1955-58
	Director, Jimma	1954-55
		1952-56

Ethiopia  
 Agriculture, Education and Research  
 Oklahoma State University/College

Lockhart, W.C.	Poultry Science	1966-66
Lohmann, M.R.	Engineering	1963
Loomis, R.H.	Science	1952-54
Lord, Mrs. J.F.	Remedial Education	1955
Loveless, O.R.	Linguist	1955-57
Marshall, C.E.	Statistician	1953
McCrary, J.D.	Farm Mechanics	1952-56
McNallen, J.L.	Well Driller	1954-56
Meisner, F.G.	Dir Instruction/Research	1960-64
Meissner, L.A.	Plant Sciences	1956-61
Mercer, H.F.	Extension	1958-59
Milburn, D.J.	English	1957-59
Miller, L.F.	Dean, Coll Agriculture	1960-65
	Agri Economics, COF	1966-68
	Assoc Dir, Handicraft School	1952-57
Mitchell, M.L.	Mathematics	1952-54
Mitchell, W.D.	Extension	1959-62
Montgomery, R.L.	Administration	1952
Morrison, E.	Agri Engineering	1962-68
Moseley, Y.C.	Extension	1962-64
Moten, J.E.	Veterinarian	1954-56
Murphy, C.N.	Plant Sciences	1955-58
Murphy, H.F.		1962-65
Murray, J.W.	Social Science	1952-54
Musgrave, S.D.	Dairy Science	1965
Myers, A.	English Instruction	1953-55
Nall, R.T.	Member, Board Regents	1962
Nicholson, B.	Rep, OSU in Ethiopia	1957-64
Niehaus, M.H.	Plant Sciences	1959-61
Page, R.E.	Agri Economics	1965-67
Parcher, L.A.	Pres, IEC A&M	1955-59
Pickel, C.A.	Dir, Trade School Asmara	1955-57
Pogue, J.H.	Math/Physical Education	1964-65
Pope, L.S.	Animal Science	1965
Prentice, L.R.	Plant Sciences	1958-60
Price, C.	Farm Mechanics	1959-63
Proctor, R.O.	Science	1957-59
Pyron, J.T.	Extension	1954-57
Quenemoen, M.E.	Agri Economics	1966-68
Ridgeway, W.O.	Entomologist	1952-57
Roberts, H.N.	Dir Trade School AA	1953-58
Robertson, R.M. Jr.	Architect	1955-57
Roney, M.W.	Asst Dir, Tech Sch AA	1953-55
Ross, O.B.	V-F, OSU	1967
Rouk, H.F.	Director, Jimma	1952-58
	Director of Research	1959-67
	Plant Sciences	1953-55
Sarthou, C.L.	Architect	1954-59
Scearce, J.L.	Dir, Geography Institute	1953-57
Schilz, G.B.	Agronomy	1965
Schlehuber, A.M.	Agri Economics	1959-61
Schmedemann, I.W.	Forestry	1962-64
Schnur, G.L.		

Ethiopia  
 Agriculture, Education and Research  
 Oklahoma State University/College

Schroeder, E.W.	Agri Engineering	1962
Schultenover, B.L.	Mathematics	1964-68
Shinpoeh, J.R.	Science	1962-64
Shryock, G.D.	Science	1959-61
Siegenthaler, I.E.	Plant Sciences	1955-63
Skinner, R.V.	Admin Officer	1953-64
Smith, E.L.	Agronomy/Research Station	1963-65
Staten, H.W.	Agronomy	1952-54
Stewart, R.B.	Plant Sciences	1954-56
		1959-61
Stipe, O.	Extension	1962-64
Stratton, J.B.	Librarian	1962-63
Stringer, B.G.	Veterinary Medicine	1965-68
Taylor, J.L.	Well Driller	1955-57
Thies, S.A.	Farm Manager, Debra Zeit	1961-63
Thomas, G.V.	Soils	1958-62
Thomas, J.R.	Architect	1958-61
Thorne, J.J.	Engineer Inspector	1954-55
Tillman, A.D.	Consultant	1962
Triplett, C.M.	Animal Science	1961-63
Turman, E.J.	Animal Husbandry	1960
Turner, W.D.	Farm Mechanics	1953-62
Vance, A.W.	Mathematics	1956-62
Vines, C.A.	Agri Extension	1964
Wagner, D.G.	Animal Science	1965-68
Warkentin, L.D.	Extension	1961-63
Warren, A.G.	Director, Jimma	1964-66
Watts, D.G.	Agri Engineering	1966-68
Wayt, W.A.	Agri Economics	1961-63
Webb, B.F.	Farm Manager, Debra Zeit	1956-61
Wells, H.E.	Animal Science	1961-65
Whitenack, D.L.	Animal Science	1954-60
Wiggins, L.A.	Animal Science	1956-61
Willham, O.S.	Pres, OSU	1955-65
		Intermittent
Williams, D.V.	Well Driller	1955-57
Williams, H.G.	Plant Sciences	1953-55
Wilson, B.	Dir, Ag Improvement Center	1953-57
Wilson, C.A.	Plant Sciences	1956-58
Wolf, J.D.	Poultry Science	1958-62
Wright, J.K.	Architect	1957
Yager, L.A.	Plant Sciences	1961-66

Kenya  
Higher Agricultural Education  
West Virginia University/Egerton College

Partial list of Contract Staff:

Collins, E.G.	Agri. Engineering
Grafton, C.R.	Agri. Engineering
Swecker, J.	Agri. Education
Bennett, L.	Agri. Education
Wagner, J.L.	Agri. Engineering
Jensen, C.	Range Management

Malawi  
Agricultural Development  
University of Massachusetts/Bunda College of Agriculture

Partial List of Contract Staff who served in Malawi:

Smagula, J.M.	Agri Science	1968-70
Gilgut, C.J.	Agri Education	1966-68
Mentzer, F.G.Jr.	Chief of Party	1968-70
Hankinson, D.J.	Curriculum	1966
Bennet, E.	Agri Science	1968-70
Bredakis, E.J.	Agri Biology	1966-70
Black, W.G.	Animal Husbandry	1967-69

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\*Country Assistance Program, FY 1966--Malawi, Part II, October,  
1965. p. AA-134-3  
\*AID Library Call Number NY 630.711 M414  
MI 630.711 M414a

Nigeria  
Kansas State University/Ahmadu Bello University

Partial list of Kansas State University staff serving in Nigeria  
under this contract:

Olson, R.W.	Chief of Party/Provost Agr/ Veterinary Medicine	1972-
Classen, G.L.	Administrative Asst	1973-
Cramer, G.	ERLS Agri Engineer	1972-74
Gentry, P.F.	Kaduna School Advisor	1973-74
Griggs, O.	ERLS Livestock	1972-74
Quinn, D.	Somaru School Advisor	1972-74
Hobbs, J.A.	Dep. Chief Party/Soil Sci	1972-74
Lanson, G.H.	Agronomy (Ag Engin)	1972-74
Mayer, L.A.	Director, DALST	1972-74
Norman, D.W.	Ag Econ/Rural Sociology	1972-74
Sumner, E.S.	ERLS Irrigation	1972-74

Nigeria  
Michigan State University/University of Nigeria

Long-term staff serving under the Michigan State University  
contract with the University of Nigeria:

Stearns, T.	Chief of Party/Principal	1960-61
Bright, N.	Admin. Officer	1960-61
Loving, A.	Student Affairs	1960-62
Davis, R.	Vocational Education	1960-63
Hanson, J.W.	Education	1960-62
Ferguson, L.	Analyst	1960-62
Hill, M.	Social Science	1960-62
Edwards, A.	Economics	1960-62
Johnson, G.M.	Chief of Party/Principal Vice Chancellor	1960-63
Lawton, K.	Agriculture	1961-64
Martin, E.C.	Science	1961-63
Fibbs, M.	Executive Secretary	1961-63
Bain, J.M.	Dep. Chief of Party	1961-63
Haines, J.	Physical Education	1961-63
Morton, J.	Registration	1961-63
Druse, J.	Humanities	1962-63
Henderson, H.E.	Animal Science	1962-64
Williams, W.	Natural Science	1-7/62
Floyd, B.N.	Geography	1962-64
Chang, J.	Engineering	6-10/62
Henderson, J.F.	Economics	1962-64
Sinclair, W.W.	Education	1962-63
Zerby, L.K.	Social Science	1962-66
Lawrence, E.	English	1962-64
Gunkel, W.	Agri Engineering	1962-63
Lumianski, R.	English	1962-64
Ferry, B.L.	Student Affairs	1962-64
Doyle, L.A.	Continuing Education	1962-64
Fritz, G.E.	Chief of Party	1966-68
Hammarskjold, E.	Continuing Education	1962-66
Doane, C.	Architecture	1962-65
Wynn, R.L.	Administrative Officer	1962-65
Johnson, G.L.	Continuing Education	1962-64
Hawley, W.B.	EDI	1963-64
MacFarlane, D.	Chief of Part.	1963-65
Ferns, G.W.	EDI	1963-65
Lindquist, W.	Vocational Education	1963-66
Packard, P.C.	Microbiology	1963-65
Elliott, J.C.	EDI	1963-65
	Natural Science	1963-67

Nigeria  
Michigan State University/University of Nigeria

Lawson, E.C.	Engineering	1963-67
Boyd, J. S.	Agri Engineering	1963-65
Niemeyer, R.K.	Physical Education	1963-65
Moore, G.R.	Veterinary Science	1963-67
Eicher, C.K.	EDI	1963-66
Wagner, D.F.	Farm Management	1964-66
Kramer, J.W.	Veterinary Pathology	1964-66
Deans, R.J.	Animal Science	1964-67
House, C.B.	Humanities	1964-67
Veltrop, J.A.	Engineering	1964-67
Kaufman, C.A.	Continuing Education	1964-66
	Community Development	
Buschman, M.	Continuing Education	1964-66
Payne, K.T.	Agriculture	1964-66
Morsberger, R.	English	1964-66
Taggart, G.L.	Vice-Chancellor	1964-66
Frost, C.F.	Psychology	1964-66
Siccardi, F.J.	Poultry Pathology	1964-66
Fore, R.E.	Plant Science	1964-66
Hav, G.	EDI	1965-66
Holley, M.J.	Home Economics	1965-67
	Continuing Education	
	EDI	1965-McKeeen,
Friszel, H.C.	Administrative Officer	1965-67
R.C.	Chief of Party	1965-67
Amin, G.H.	Architecture	1965-68
Cabaniss, J.	Science	1965-67
Ferguson, L.	Agri Engineering	1965-67
Cargill, B.F.	EDI	1965-67
Liedholm, Carl	Continuing Education	1966-67
McMillan, D.R.	" "	1966-67
Wiggins, B.C.	Farm Management	1966-67
Braun, N.W.	Agri Economics	1966-67
Vincent, W.	Business Administration	1966-67
Lewis, R.	General Studies	1966-67
Hall, J.O.	Vocational Education	1966-67
Ray, R.E.	Rural Sociology	1966-67
Dyer, D.	Agriculture	1966-67
Carolus, R.	Anatomy	1966-67
Titkemeyer, C.	EDI	1966-67
Sheppard, C.		

Sierra Leone  
 Njala University College  
 Universtiy of Illinois/Njala University

**Staff of the University of Illinois contract team at Njala:**

Brams, E.A.	Soils	1967-70
Brown, R.M.	Science Education	1966-68
Crawford, J.E.	Assistant to Chief of Party	1966-68
Dyasi, H.M.	Science Education	1968-
Ehler, E.J.	Admin Secretary	1966-69
Harlan, J.R.	Research	11-12/68
Hodges, W.W.	Agri Shops	1964-
Hurter, C.G.	Asst. to Chief of Party	1969-
Inman, L.L.	Crops	1968-70
Karnes, M.R.	Chief of Party/Admin	1967-
Karr, G.L.	Agri Economics	1967-
Kurtz, T.L.	Soil Science	3-4/68
Mahoney, K.J.	Extension Education	1968-
Melsted, S.W.	Soils	1965-67
Myers, V.V.	Printing Consultant	1966-67
Odell, R.T.	Chief of Party/Admin	1966-67
Roberts, R.K.	Home Economics	1964-69
Tyner, E.H.	Rice Research	2-4/69
Walker, W.M.	Statistical Analysis	4-8/67
Weibel, R.O.	Tropical Crops	1966-68
Wilson, D.A.	English Language	1966-67
Wack, H.R.	Extension	1965-67
Worker, N.A.	Dean of Agriculture	1967-
Zimmerman, G.Z.	Agri Education	1967-

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 \*Progress Reports, University of Illinois. AID Library Call Number S  
 378.664 I29bA

Tanzania  
Agri College Tanzania  
West Virginia University/Morogoro

**Partial list of staff serving in Tanzania:**

Baughman, N.M.	Acting Principal/Soils	1964-
Thies, S.A.	Farm Manager/Agronomy	1964-
Cromer, C.	Agri Mechanics	1965-
Dye, W.	Animal Husbandry	1965-
Emerson, R.	Agri Engineering	3-5/64
Kelley, R.K.	Chief of Party	1965-
Hurlbutt, H.W.	Zoology	1966 .
Badiei, A.A.	Agri Chemistry	1966

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\*Termination Report, USAID/afr 527, Tanzania Agricultural College. Office of International Programs, West Virginia University, Morgantown, West Virginia. June, 1970. 50 pp. (AID Library Call Number TZ 630.711 W522) Also see progress and terminal reports at same number.

Uganda

Makerere Agriculture Faculty, University of East Africa  
West Virginia

**Partial List of West Virginia University staff who served in the Faculty of Agriculture:**

Baughman, N.M.	Agri Educator	1965-67
Nelson, R.E.	Agri Educator	1967-70
van Eck, W.A.	Soil Conservation	1966-71
Olsen, F.J.	Pasture Agronomy	1967-71
Kelly, P.	Animal Husbandry	1967-69
Wurster, R.T.	Horticulture	1967-
Abbott, O.J.	Animal Physiology (Poultry)	1967-
Moe, P.	Soil Microbiology	1968-
Amann, V.F.	Livestock Economy	1969-
McIlroy, D.	Animal Husbandry	1969-71

## Uganda

West Virginia University/Arapai Agricultural College, Soroti (See also Bukalasa Agricultural College and Veterinary Training Institute)

### Staff members provided under contract

Gay, R.	Animal Husbandry	1964-67
Ambrester, F. U.	Agri. Mechanics	1963-65
Bennett, F. W.	" "	1964-66
Ferguson, G. E.	" "	1967-69
Easley, W. B.	" "	1966-68
VandeLinde, O. U.	Agri. Economics	1963-65
Easley, W. B.	Extension Methods	1968-71
Ferry, B. A.	Agri. Chemistry	1965-70

### Returned Participant Staff

Osuban, A. K., M. Sc.	Principal	1968-70
Mbiru, J. B.	Principal	1970-
Waibale, J. Z. M. Sc.	Crop Husbandry	1966-70
Kembe, E. B. Sc.	" "	1968-
Ruvwa, R. U. A. M. Sc.	" "	1970-
Irigiei, R. A. M. Sc.	Animal Husbandry	1965-68
Okot, M. B. Sc.	" "	1968-70
Mbiru, J. B.	" "	1968-70
Mukacha, A. M. Sc.	Agri. Mechanics	1968-70
Onaba, B. M. Sc.	Agri. Biology	1966-66
Osuban, A. K. M. Sc.	Agri. Economics	1963-68
Omoding, J. O. Y.	" "	1970-
Amone, C. A. B. Sc.	Extension Methods	1971-
Eyedu, S. M. Sc.	Agri. Chemistry	1971-

## Uganda

West Virginia University/Bukalasa Agricultural College, Bombo

### Staff members provided by the Contract:

Casto, G.A.	Extension Methods	1963-65
Gay, J.A.	Animal Husbandry	1964-66
Holmes, F. A.	Agri. Education	1964-67
Scholten, A.G.	Agri. Chemistry	1965-67
Thies, S.A.	Agri. Mechanics	1966-68
Moore, C. P.	Animal Husbandry	1966-68
Sperow, C. B.	Agri. Chemistry	1967-71
Kulver, D. E.	Agri. Mechanics	1967-69
Price, C.	Agri. Education	1969-71

### Returned Participant Staff

Odhuba, E. M.Sc.	Principal	1968-70
Waibale, J.M.Sc.	"	1970-
Odhuba, E. M.Sc.	Animal Husbandry	1964-68
Olum, Z. B.Sc.	Agri. Mechanics	1968-
Mwogi, V. M.Sc.	Agri. Chemistry	1966-69
Kiggundu, M. M.Sc.	"	1971-
Nyankori, J. M.Sc.	Agri. Econ/Farm Mgmt	1968-
Katende	"	1969-
Nsereko, N. M.Sc.	Extension Methods	1967-
Kiyingi, S., Mrs.	Home Economics	1970-
Rwakijuma, M. Miss B.Sc.	"	1971-

**Uganda**  
**West Virginia University/Veterinary Training Institute, Entebbe**

Staff Members Provided under the Contract:

Welch, J.A.	Animal Husbandry	1963-66
	Chief of Party	
Woodson, F.E.	Veterinary Medicine	1963-70
Merinar, C. C.	Dairy Husbandry	1965-71
Gay, J. M.	Animal Husbandry	1966-69

Returned Participant Staff:

Kafero, G. B.Sc.	Animal Husbandry	1968-
Kiyingi, C. M.Sc.	" "	1970-
Swerwanja, J. M.Sc.	" "	1969-

**ASIA**

Bangladesh  
 East Pakistan Universities  
 Texas A&M/U Dacca

Partial Staff who served in East Pakistan (Bangladesh)

Faust, H.L.	Veterinary Science	1954-58
Coleman, J.D.	" "	1956-60
Boring, G.	" "	1956-58
Fayne, B.J.	" "	1959-63
Watkins, T.D.	Animal Science	1959-63
Dietrich, W.H.	Veterinary Public Health	1961-63
Ross, H.	Agri Education (COP)	1957-61
Creech, E.P.	Extension/Agronomy	1958-63
Kimbrough, E.	Agri Engineer	1959-61
Peterson, G.	" "	1961-68
Alexander, R.	Basic Sciences	1960-62
Leighton, R.E.	Animal Science (COP)	1961-63
Reeves, R.G.	Agronomy/Research	1963-65
Barcus, G.	University Adm/Organ	1962-64
Dickson, C.H.	Basic Sciences	1962-64
Sloan, J.	Agri Education/Extension	1963-65
Underwood, F.L.	Agri Economics	1964-
Graves, D.	Poultry Science	1963-65
Young, M.F.	Vet Medicine/Surgery	1964-66
Linne, A.	Student Affairs	1962-67
Rupel, I.W.	Agri Education/Animal Sci (COP)	1965-67
Judge, H.V.	Agri/Extension Education	1965-67

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 \*AID Library Call Number BG 378.5192 T355a

Holze, D.H.	Basic Sciences	1965-67
Tilton, J.	Fisheries	1965-68
Talley, P.J.	Agronomy/Crops Research	1967-
Van Conner, J.	Fisheries	1966-70
Harrington, E.L.	Irrigation	1969-70
Gaines, J.C.	Agri Education/Entomology Chief of Party	1967-70
Price, A.A.	Veterinary Medicine	10/12-59
Cheaney, R.L.	Rice Production	9/10-66
Baldauf, R.	Fisheries	8-68
Hall, C.	Veterinarian	6/7-69
McNeely, J.G.	Agri Economics	7/8-69
Quisenberry, J.	Poultry Science	8/10-69

**India**  
**Agricultural University Development**

**Partial List of Staff Members who served the constituent colleges  
on J. Nehru Agricultural University/University of Illinois/USAID  
contracts.**

Blackman, G.H.	Horticulture	1957-59
Garber, R.J.	Plant Breeding	1957-59
Keyes, E.A.	Animal Husbandry	1958-59
Sinha, S.K.	Pharmacology	1960-61
Lindstrom, D.E.	Rural Sociology	1960-62
Shuman, F.H.	Extension	1962-64
Buddemeier, W.D.	Group Leader, Administration	1964-67
Russell, M.B.	Research	9-11/65
Salisbury, G.W.	Dairy Science	11-12/65
Lanham, F.B.	Ag Engineering	12/65-2/66
Jacobs, J.A.	Agronomy	2-4/66
Thorne, M.D.	Soils	9-12/66
Smith, C.D.	Registrar	2-4/66
Swing, J.H.	Campus Planning	2-5/66
Nesheim, R.O.	Animal Science	2-3/66
Harlan, J.R.	Plant Genetics	11/66-2/67
Russell, M.B.	Research	2-5/67
Lustman, W.H.	Research	5-8/67
Oliver, E.F.	Ag Engineering, Chief Party	1967-69
Jacobs, J.A.	Agronomy	1967-
Brooks, B.L.	Ag Marketing	1967-69
Mowery, O.D.	Ag Extension	1967-69
Farnham, C.H.	Farm Development	3/7-66
Bryan, H.S.	Veterinary Medicine	1966-68
Minor, H.C.	Research Assoc. CRF	1968-69
Behrens, J.H.	Communications/Publications	1969-
Minehart, D.J.	Farm Development	1969-

India  
 University of Illinois/Utter Pradesh  
 Agricultural University (Now Govind Ballabh Plant University of  
 Agriculture and Technology)

University of Illinois staff who served in India under this  
 project:

Renne, R.R.	Chief of Party Curr Development	1969-71
Thorne, M.D.	Chief of Party Water Technology	1970-
Ormiston, E.E.	Dairy Science	1968-71
Thorne, M.D.	Water Technology	1970-72
Matsuura, R.M.	Agronomy	1968-71
Gingrich, J.	Soil Science Water Technology	1968-70 1971-73
Dean, J.	Home Science	1969-71
Bittner, C.S.	Horticulture	1970-72
Rodda, E.D.	Agri Engineering	1968-70
Jugeneimer, R.W.	Research Administration	1968-70

Reeder, H.	Seed Processing	11/70-2/71
Glissendorf, O.F.	News-Publications	1-3/71
minners, S.W.	Poultry Nutrition	1-6/71
Nelson, A.I.	Food Processing/Engin	1971-
Davidson, F.	Commercial Production	1971-
Everett, T.R.	Entomology	1971-
Miller, H. J.	Campus Development	1971-
Scott, W.O.	Seed Certification/Testing	2-4/72

Staff Members funded under Ford Foundation:

Wagner, M.M.	Agri Economics	1969-71
Schwartz, R.B.	Farm Management	1968-70
Martin, L.J.	Graduate Research Assistant	1969-71
Baker, C.B.	Agri Economics	2-4/71

**India**  
**Agricultural University Development**

**Additional Kansas State University team members who served in India:**

Gerritz, E.M.	Registrar	2-3/65
Hamon, J.M.	Seed Production	1965-71
Harris, J.O.	Bacteriology	7-8/68
Herpich, R.L.	Irrigation	3-4/68
Hoffman, T.E.	Agri Information	1967-69
Johnson, P.E.	Dairy Technology	1965-71
Johnson, S.L.	Research	1967-68
Knorr, L.C.	Citrus Virology	9-10/70
Larson, V.C.	Agri Education	1970-72
Lawrence, L.D.	Farm Mechanization	1967-71
Leasure, E.E.	Veterinary Medicine	6-7/67
Mader, E.L.	Soil Conservation	1970-72
Medlin, R.C.	Agri Communication	1970-72
Miller, H.J.	Campus Development	1964-71
	Consultant, as needed	
Miller, W.R.	Animal Virology	10-12/71
Norman, C.	Artificial Insemination	10-12/65
		5-8/70
Overly, C.B.	Seed Production	1967-69
Pad, S.M.	Aerobiology	1967-69
Peterson, V.H.	Soil Fertility	1967-69
Raney, R.J.	Irrigation	1969-72
Richardson, D.	Agri Education	1966-70
Schafer, D.E.	Meat Technology	1966-69
Sill, W.H.	Agri Research	1966-68
Stith, M.M.	Family/Child Development	6-12/66
Sughrue, K.E.	Home Science	1-6/68
Terpening, G.K.	Farm Management	1968-69
Tinklin, G.L.	Food and Nutrition	1966-67
Walter, D.F.	Veterinary Clinician	1968-70
Warden, J.A.	Home Science	6-12/67
Weber, A.D.	Agri Educ/Chief of Party	1965-68
Weyerts, A.C.	Instrumentation	7-9/69
		8-10/70
Winkler, J.K.	Veterinary	1970-72

India  
Agricultural University Development, Maharestra

Kansas State University Team Members not included above:

Anthelm, L.S.	Irrigation	1969-71
Cox, R.F.	Sheep Breeding/Grassland	11-12/68
Deyoe, C.W.	Feed Technology	11-12/71
Dicken, D.D.	Soil Fertility	1969-71
Dixon, J.E.	Agric Engineering	1967-69
Dodge, G.R.	Comptroller	10-12/64
Dubois, R.H.	Irrigation	1967-69
Ellis, R.	Soil Micronutrients	6-7/70
Eshbaugh, E.L.	Plant Protection	1967-71
Fowler, G.R.	Veterinary	4-5/57

India

Agricultural University Development, Maharestra

ADVISERS TO COOPERATING INSTITUTIONS

College of Agriculture, Osmania University-Hyderabad

Busset, G.M.	Extension Training	1956-58
Baird, M.	Home Science	5/60-12/60
Montgomery, G.	Agri Economics, Gp Leader	1958-60
Prawl, W.L.	Extension Education	1962-66
Amstein, W.G.	Horticulture	1963-68

College of Veterinary Science, Osmania University-Hyderabad

Moore, E.N.	Poultry	1961-62
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College of Agriculture, Bapatla

Donahue, R.L.	Soil Science	1956-61
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College of Agriculture, Poon

Hill, R.C.	Rural Sociology	1955-58
Hoskins, E.R.	Extension Training	1958-59
Jacobs, J.A.	Grassland Specialist	1958-60
Montgomery, G.	Agri Economics, Chief of Party	1960-62
Hodges, J.A.	Farm Management	1963-65

Veterinary College, Nagpur

Moore, E.N.	Poultry	1958-61
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Institute of Agriculture, Anand

Baird, M.	Home Science	1959-60
Chilson, W.H.	Dairy Science	1956-58

Department of Agriculture, Andhra Pradesh Government, Hyderabad

Filinger, G.A.	Horticulturist, Gp Leader	1956-58
Fickett, Wm. F.	Agri Education, Chief of Party	1962-64

Indian Veterinary Research Institute, Isatnagar, U. P.

Wilson, I.D.	Deputy Group Leader and Post Graduate Advisor	1958-60
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Veterinary College, Mhow, Madhya Pradesh

Swope, R.E.	Veterinary Pathologist	1958-60
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Soil Conservation Service, Raipur

Albertson, F.W.	Agronomist	1956-58
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India  
 Agricultural University Development, Mysore State  
 University of Tennessee/University of Agricultural Sciences, Bangalore and others

Partial list of Contract staff provided:

College and University Development

Education and Administration

Badenhop, M.B.	Chief of Party Agri. Research	1960-64
Buehner, T.F.	Chief of Party Admin/Education	1964-66
Horlacher, L. J.	Admin Advisor	1956-58
Long, E.J.	Chief of Party Agri. Economics	1956-60
Thorpe, D.M.	Chief of Party Agri Admin/Education	1966-70
Ward, W.E.	Agri Communications Chief of Party	1/71-9/72
Welling, M.G.	Agri Extension Chief of Party	1/71-5/72

Agricultural Economics

Badenhop, M. B.	1958-60
Henderson, H.A.	1964-66
Hudson, E.H.	1969-71

Agricultural Engineering

Juttrali, H.	2/70-5/70
Sharp, M.A.	1956-58

Agricultural Extension

Lay, I.G.	1957-59
McLeod, J.H.	1957-61
Ross, V.E.	1961-67
Welling, M.G.	1968-70

Economy

Ell, F.F.	1/70-3/70
Long, O.H.	1967-71
Marcks, W.L.	1/71-3/71
Kold, L.N.	1961-66
Pillman, C.O.	1960-62
Weeks, M.E.	1968-69

**India**  
**University of Missouri/Orissa Agricultural**

**India Advisory staff:**

Klemme, A.W.	Group Leader/Soil Fertility	1957-62
Stevens, C.E.	Agri Engineer	1958-59
Ulrey, O.	Ag Econ/Farm Management	1958-62
Davis, E.H.	Irrigation/Drainage Engin	1959-61
Trotter, I.F.	Education Administration	1960-63
Willenig, W.L.	Chief of Party/Extension Ed	1969-1972
Wood, H.W.	Veterinarian	1960-62
Kinder, O.E.	Faultry	1961-63
Rogers, F.E.	Group Leader/Extension	1962-64
Hoeler, C.R.	Extension Education	1962-
Pohlman, J.M.	Research	1963-
Johnson, P.E.	Agri Engineering	1964-
Farker, M.M.	Farm Shop Tools	1964-
McLinsey, J.W.	Group Leader/Ag Econ	1964-

Seventy two of the 143 Orissa University staff have gone overseas for advanced degree training. Out of this number 35 are presently on the staff at OUAT and 14 are still in the U.S. in graduate study programs (as of 1972). In addition, there are 12 other staff who have earned graduate degrees in American or European universities.

Integration of Teaching, Research and Extension at the Departmental level was a concept which was the base of the Rural University. This remained a critical area of concern when the project was phased out.

**India**

**Agricultural University Development, Mysore College of Fisheries, Mangalore**

**Advisors serving in India under the contract:**

Dickerson, R.B.	Agri Ed and Adm Chief of Party	1968-69
Swope, R.E.	Agri Ed Chief of Party	1969-70
Cloninger, W.H.	Dairy Cattle Breeding	1970
McArdle, F.J.	Agri Technology	1970-71
McAlexander, R.H.	Res. Org., Chief of Party	1971-72
Williams, J.B.	Dairy Cattle Breeding	1971-73

**Consultants service in India under the contract:**

Hatcher, H. M.	Home Science	12/68-3/69
Gobble, J.L.	Animal Husbandry	1/69-4/69
	Animal Husbandry (Swine)	11/71-2/72
Lynch, M.R.	Extension Education	1/69-4/69
McArdle, F.J.	Agri Technology	1/69-4/69
Peikert, F.W.	Agri Engineering	1/69-4/69
	Agri Engineering	1/71-4/71
Bloom, J.R.	Plant Pathology	1/70-3/70
Coon, B.F.	Entomology	1/70-4/70
Stemberger, A.P.	Agri Economics	1/70-4/70
Hickok, R.B.	Water Management	9/71-11/71

India  
Agricultural University Development, Mysore College of Fisheries, Mangalore

Agricultural Research

Badenhop, M.B. 1960-64  
Seath, D.M. 1967-71

Animal Husbandry

Parker, L.C. 1967-72  
Norman, C. 6/68-8/68

Dairy Production

Stark, C.N. 1957-59

Home Economics

Davidson, E. 1962-64

Rural Sociology

Ramsey, R.J. 1967-69

Veterinary Medicine

Garlick, G.K. 1964-70  
Venable, J.H. 5/69-8/69  
Cunningham, C.H. 7/69-9/69

University of Agricultural Sciences, Bangalore

Consultants in Administration and Operation

TO

Anderson, J.L.	Comptroller	1/68-3/68
Beasley, W.M.	Registrar	3/69-6/69
Hamilton, R.L.	Agri. Publications	2/70-5/70
Jett, D.W.	Librarian	2/68-5/68
Miller, H.J.	Campus Development	1967-72
		part-time
Moss, D.D.	Fisheries	1/70-3/70
		7/71-8/71

Progress Report on the Nine Colleges Assisted by the University of Tennessee, March 1956-October 1963

Agricultural College and Research Institute, Vellayani, Trivandrum, Kerala

Kerala Veterinary College, Trichur

Department of Agriculture, Annamalai University, Annamalainagar, Madras

Madras Veterinary College, Madras

Agricultural College and Research Institute, Coimbatore

Sri Avinashilingam Home Science College, Coimbatore

Agricultural College, Dharwar

Agricultural College and Research Institute, Hebbal

Mysore Veterinary College, Hebbal

Indonesia  
University of Kentucky/University of Indonesia, Bogor

Staff Members provided under the contract.

Aamodt, Olaf S.	Chief of Party	1958-60
Schwan, T.C.	" "	1960-62
Beers, H.W.	" "	1962-67
Underwood, F.L.	Agriculture	1955-62
Kline, C.K.	Agri Engineering	1959-62
Wheeler, B.E.	Agri Extension	1958-59
Earley, H.B.	Agronomy	1960-61
Massey, H.F.	"	1962-64
Sigefus, R.	"	1965-66
Sauberlich, H.E.	Animal Nutrition	1958-59
Garner, H.B.	Botany	1958-61
Long, N.O.	Chemistry	1958-59
Schwan, T.C.	"	1960-62
Knudson, A.	Biochemistry	1952-59
Aamodt, O.S.	Genetics	1958-60
Thompson, A.E.	Horticulture	1959-60
Cotter, D.J.	"	1963-64
Wheeler, D.K. (Mrs)	Home Economics	1958-59
Beers, B.V. (Mrs)	" "	1961-63
McQueen, J. (miss)	" "	1961-63
Speckels, E.	" "	1965
Edney, J. M.	Parasitology	1958-59
Snedegar, W.H.	Physics	1958-61
Bensend, D.W.	Forestry	1961-63
Haines, H.C.	"	1963-66
Johnston, R.F.	Animal Physiology	1961-62
Lasheen, A.M.	Plant Physiology	1962-66
McKenzie, F.F.	Animal Husb-Vet. Gyn.	1961-63
Titkemeyer, C.	Vet Anatomy	1961-62
Tuttle, J.W.	Poultry Husbandry	1962-63
Cooper, J.B.	" "	1964-65
Worthington, O.J.	Food Technology	1961-64
Moss, D.D.	Inland Fisheries	1962-66
Harper, C.	Animal Husbandry	1962-66
Beers, H.W.	Rural Sociology	1963-66
White, B.E.	Marketing	1962
Clarke, H.E.	"	1963-66
McCollum, W.H.	Virology	1963-64
Rickey, D.	"	1965-66
McDonnaughy, B.H.	Marine Fisheries	1964-66
Long, D. R.	Agri Processing	1964-66
Steggs, J.W.	Vet Public Health	1964-66
Henry, E.J.	Administration	1963
Maury, Hill	Admin Officer	1958-61
Henry, E.J.	"	1962-63
Dunlap, W.A.	"	1963-66

The Philippines  
 University of Philippines (660)  
 College of Agriculture (110)  
 Cornell University

Cornell University staff serving at Los Banos during the  
 contract:

Robinson, M.E.	Project Leader	1952-55
Haves, H.K.	Plant Breeding	1952-54
Goodman, A.M.	Agri Engineering	1952-54
Bratton, C.A.	Agri Economics	1952-53
Lent, G.C.	Plant Pathology	1952-54
Brady, N.C.	Soils	1953-54
Loebl, J.K.	Animal Husbandry	1953-54
Robertson, L.S.	Agri Economics	1953-56
Wark, P.	Vegetable Crops	1953-55
Brewbaker, J.L.	Plant Breeding	1953-55
Newhall, A.G.	Plant Pathology	1954-56
Fearl, C.D.	Agri Economics	1954-56
Hoff, F.R.	Agri Engineering	1954-56
Brunson, A.M.	Plant Breeding	1954-56
Sims, A.J.	Extension/Publications	1954-56
Tork, F.L.	Animal Husbandry	1954-55
Wood, C.M.	Home Economics	1954-55
Matthysse, J.C.	Entomology	1954-56
Fertig, S.N.	Botany	1954-56
Cline, M.G.	Project Leader/Soils	1954-56
York, T.L.	Agronomy	1955-57
Oppenfeld, H. von	Agri Economics	1955-
Nelson, L.E.	Soils	1955-57
Salmon, S.C.	Plant Breeding	1955-57
Trimberger, G.W.	Project Leader/Animal Husb.	1955-57
Reddy, C.S.	Plant Pathology	1956-57
Everett, H.L.	Plant Breeding	1956-57
Dean, R.W.	Entomology	1956-57
Folson, R.A.	Education	3-8/56
Ward, W.B.	Extension/Publications	1956-57
Gray, H.E.	Agri Engineering	1956-57
Hedlund, G.W.	Agri Economics	1956-57
Dickerson, R.B.	Education	1956-57
Kelsey, L.D.	Extension/Comm Development	1956-58
Knapp, H.B.	Project Leader	1957-60
Barnah, L.B.	Agri Economics	1957-58
Spalding, R.W.	Animal Husbandry	1957-58
Muggrave, R.B.	Agronomy	1957-58
Lutz, E.A.	Local Government	1957-58
Travis, B.V.	Entomology	1957-59
Poliquist, E.M.	Botany	1957-59
MacDaniels, L.H.	Horticulture	1957-59
French, J.C.	Agri Engineering	1958-59
Luchman, H.B.	Agri Education	1958-59
Schaefer, L.A.	Plant Pathology	1958-59
Lynner, E.H.	Soils	1958-59
Somers, G.F.	College Org/Adm	1958-59
Devton, J.W.	Extension Serv/Education	1958-60
Ellis, W.C.	Horticultural Crops	1959-60
MacDonald, H.A.	Field, Forage & Pasture Crops	1959-60
Allred, W.N.	Local Government	1959-

Entomology	1/70-4/70
Agri Economics	1/70-4/70
Water Management	9/71-11/71
Fodder Crops & Pasture Mgt	9/71-12/71
Campus Planning and Development	1966-72 Occasional

Thailand  
 University of Hawaii Kasesart University

Summary of UH Contract staff that has been stationed at  
 Kasesart:

Kamenoto, H.	Horticulture	1962-65
Koshi, J.H.	Dairy Husbandry	1962-65
Lagler, K.F.	Fisheries	1964-65
McCall, W.W.	Agronomy and Soils	1964-65
Namba, R.	Entomology	1962-65
Peters, C.W.	Chief of Party	1962-65
Sinclair, J.D.	Watershed Management	1962-65
Smyth, J.A.	Fisheries	1962-64
Carr, E.B.	Teaching English	4-5/65
DeLoach, D.B.	Agri Business	11/64-1/65
Eder, M.S.	Home Economics	8-9/65
Hoshor, J.F.	Arts and Sciences	4/65
Jensen, R.	Veterinary Science	9-12/64
Ross, E.	Poultry	5-6/63
Tuthill, L.D.	Graduate Programs	4-5/65

**LATIN AMERICA  
AND THE  
CARIBBEAN**

**Brazil**  
**Purdue University/Rural University of Minas Gerais**

**Partial list of Purdue University staff members serving in Brazil:**

Atkinson, J.H.	Agri Economics	1964-67
Eronson, R.D.	Chief of Party	1964-69
Kehrberg, E.	Agri Economics	1966-69
Hill, D.	Animal Physiology	1964-67
Yahner, J.	Crop/Soils Specialist	1962-66
Collom, J.L.	Forester	1966
Erickson, H.T.	Vegetables	1966

Colombia  
University of Nebraska/Inst Colom Agr

Partial List of AID Financed staff members who served in Colombia  
under this contract:

Colwell, W. E.	Chief of Party	1966-69
Elder, C.R.	Dep. Chief of Party	1966-68
	Chief of Party	1968-70
Yeutter, C.	Chief of Party	1970
Norman, B.B.	Veterinarian	1966-68
Mussman, H.C.	Veterinarian	1966-69
Jeffery, L.S.	Agronomist/Weed Control	1966-68
Teter, N.	Agri Engineer	1967-70
Vera, T.	Veterinarian	1967-69
Whiteley, G.	Admin Assistant	1967-69
Tritschler, L.G.	Veterinarian	1967-69
Ross, C.V.	Beef Prod/Management	1967-69
Hobbs, W.W.	Agri Engineer	1967-69
Bushman, D.F.	Animal Nutritionist	1967-69
Davis, F.S.	Crop Physiologist	1967-69
Warren, A.G.	Poultry Prod/Extension	1967-69
Rush, I.G.	Extension/Livestock	1967-69
Brower, S.L.	Rural Sociologist	1967-69
Stonaker, H.	Animal Breeding/Production	1968-70
Frank, K.D.	Soil Fertility and Management	1968-70
Manbeck, D.M.	Agri Engineer	1966-70
Low, M.C.	Extension	1967-69
Collins, W.H.	Agri Engineer	1967-69
Steiner, M.	Agri Economics	1968-70
Conley, G.O.		1968-70
Stoller, R.E.	Extension	1967-69
Jorgensen, C.J.	Crop Physiologist	1967-69
Burdette, R.	Agri Economist	1967-69
Bullis, D.	Animal Nutritionist	1967-69
Dunkelberg, G.H.	Agri Engineer	1968-70

PERSONNEL OF THE FACULTY OF AGRONOMY:

The Dean of the Faculty of Agronomy was the person who had major responsibility to work with the Director of the University of Kentucky Contract. The three Deans who filled this position were:

1. Ing. Bernardo Fuentes Alvarado, Dean 10 February 1955 to 10 February 1958.
2. Ing. Marco Tulio Urizar Montúfar, Dean 10 February 1959 to 8 February 1963.
3. Ing. Eduardo D. Goyaueta Valenzuela, Dean 8 February 1963 to 8 February 1967.

Professors in the Faculty of Agronomy who served as counterparts for the University of Kentucky advisors were:

1. Lic. Alfredo Chacón, Professor of Animal Science. (Also one of the counterparts of Dr. L. J. Horlacher)
2. Ing. Mario Braeuner, Chief of the Laboratory of Soils.
3. Srta. Palmira Ramírez, and Sr. Mario Gilberto González, Library.
4. Ing. René Molina, Chief of the Laboratory of Genetics.
5. Lic. Tomás Rodas (died in 1962), Chief of the Laboratory of Entomology.
6. Ing. Alfredo Pinillos, Professor of Forestry.
7. Ing. Armando Fletes, Chief of the Laboratory of Biometry and Statistics.
8. Ing. Mario A. Martínez, Chief of the Laboratory of Field Experiments.

PERSONNEL OF THE UNIVERSITY OF KENTUCKY WHO VISITED THE PROGRAM

1. Dr. Frank G. Dickey, President
2. Dr. Merl Baker, Director of the Kentucky Research Foundation
3. Dr. & Mrs. W. D. Valleau, Professor of Plant Pathology.
4. Dr. & Mrs. Verne C. Finkner & Family, Professor of Agronomy.
5. Dr. Frank Welch, Dean of Agriculture
6. Dr. W. A. Seay, Dean of Agriculture
7. Dr. Robert Walton, Professor of Dairy Science.

CONTRACT REPRESENTATIVES:

The Food and Agriculture Officers for ICA and AID Guatemala who served as Contract Representatives were:

1. C. Kenneth Pearce
2. Albert Brown.

COLLABORATORS BY CORRESPONDENCE:

Several members of the personnel of the University of Kentucky in Lexington gave valuable help by correspondence:

1. Dr. L. H. Townsend, Head of the Department of Entomology and Botany.
2. Dr. W. P. Garrigue, Head of the Department of Animal Science.
3. Dr. C. E. Barnhart, Associate Director of the Experiment Station.
4. Dr. Stanley Wall, Associate Dean of Agriculture.
5. Dr. Malcolm Davenport, Head of the Section of Forestry.
6. Dr. E. N. Fergus, Head of the Section of Crops.
7. Dr. Earl Young, Professor of Agricultural Engineering.
8. Dr. G. T. Webster, Head of the Department of Agronomy.
9. Dr. Frank Buck, Professor of Animal Science.

OTHER VISITORS:

Many persons visited the Kentucky Group and the Faculty of Agronomy to learn more about the program, including:

1. Dr. Lewis M. Roberts, Rockefeller Foundation.
2. Mr. H. J. Meharry, United Nations Food and Agriculture Organization Representative in Guatemala.
3. Mr. Philip Cochran, United Nations Special Fund.
4. Dr. C. H. ter Kuile, United Nations
5. Ing. Agronomo, Carlos Gieseke, Guatemala
6. Mr. Thomas Burland, McGraw-Hill Book Co, International Division.
7. Mr. Moses Hirschtritt, Department of State, Washington.
8. Mr. Olen Leonard, Interamerican Institute of Agricultural Sciences.
9. Dr. A. T. Semple, Interamerican Institute of Agricultural Sciences.
10. Ing. Leonel Robles G., Director School of Agriculture, Monterrey, Mexico.
11. Dr. Wolfgang Köch, Plant Pathologist, Germany
12. Mr. Thomas Harris, Carrollton, Kentucky
13. Mr. Dan Davis, Texas A & M College
14. Dr. Philip Blackerby, Kellogg Foundation
15. Dr. & Mrs. E. M. Funk, University of Missouri
16. Dr. L. A. Laing, University of London, UNESCO.

There were many other visitors who lived in Guatemala or who were working for international agencies in Guatemala. All expressed much interest in the program and its importance for the agriculture of Guatemala.

1. Dr. Levi J. Harlocker, Professor of Animal Husbandry and Associate Dean of the Faculty of Agriculture of the University of Kentucky. Administrative assistant and Chief of the Contract Program of the University of Kentucky and University of San Carlos of Guatemala, January 1958 to June 1963.
2. Dr. Herbert F. Massey, Professor of Soils in the University of Kentucky. Advisor in Soils, 1 January, 1960 to 31 March, 1960.
3. Miss Francis J. Flick, Reference Librarian University of Iowa. Library Advisor 1 February, 1960 to 30 April, 1960.
4. Dr. Dewey G. Steele, Professor of Animal Science University of Kentucky. Advisor in Genetics 1 February 1961 to 20 June, 1961.
5. Dr. Juan G. Rodríguez, Professor of Entomology University of Kentucky. Advisor in Entomology 1 July to 30 September 1961.
6. Mr. Harry C. Haines, Ex-Advisor in Forestry Agency for International Development. Advisor in Forestry 21 February to 20 June 1962.
7. Dr. C. B. Godbey, Head of the Department of Genetics Texas A & M College. Advisor in Biometry and Statistics 16 July to 13 October 1962.
8. Srita. Rosa A. Ligorría, Guatemala City. Bilingual Secretary and Interpreter, 1 July 1958 to 30 June 1963.
9. Dr. Merl Baker, Director Kentucky Research Foundation and Agency for International Development Programs, University of Kentucky.
10. Dr. William H. Jansen, Coordinator of Agency for International Development Programs, University of Kentucky.
11. Mr. Sam Isbell, Assistant Director of Agency for International Development Programs University of Kentucky.
12. Mr. Nicholas M. Rice, Assistant Director of Agency for International Development Programs, University of Kentucky.
13. Mr. William Jenkins, Assistant Coordinator for International Cooperation Administration Programs University of Kentucky.
14. Mr. Thomas Wilborn, Assistant Coordinator for International Cooperation Administration Programs University of Kentucky.
15. Mr. Lawrence Gaitskill, Assistant Coordinator for ICA Programs University of Kentucky.

Panama  
University of Tennessee/University of Panama

Partial List of staff members serving in Panama:

Conrad, J.F.	Agri Adv/COF	1959-63
Cheaney, R.L.	Soils/Rice	1962-64
Repp, W.W.	Animal Husbandry	1962-64
Blackmon, C.R.	Crops/Plant Diseases	1962-64

\* The University and Foreign Aid, Terminal Report of the University of Tennessee to the Agency for International Development concerning Contract Operations in Panama, 1955-64. The University of Tennessee, Knoxville, Tennessee. 1965. 196 pp. AID Library Call Number PN 378.862 T297c

Peru  
Agrarian University/North Carolina  
State/National School of Agriculture

<u>Name</u>	<u>Long-Term Position</u>	<u>Arrival Date</u>	<u>Departure Date</u>
M.T. Scofield	Academic Affairs Adv.	9/2/63	7/16/65
H.L. Bumgardner	Poultry Advisor	1/15/63	
W.A. Compton	Genetics Advisor	9/7/63	7/31/65
K.C. Beeson	Animal Nutrition Adv.	5/2/64	
R.A. King	Ag. Economics Adv.	2/2/64	7/25/65
J.A. Seagraves	Ag. Economics Adv.	7/1/65	
J.D. Coffey	Ag. Economics Adv.(F-E)	7/2/63	3/27/65
M.A. Mathia	Ag. Economics Adv. (F-R)	2/2/64	12/19/65
A.C. McCann	Rural Sociology Adv. (F-R)	3/2/63	7/23/65
G.A. Spiva	Ag. Economics Adv. (F-R)	6/14/65	
R.C. Manning	Ag. Economics Adv. (F-R)	9/4/65	
R.B. Simmons	Ag. Economics Adv. (F-R)	12/17/65	
W.W. Craig	Rural Sociology Adv. (F-R)	11/4/65	
R.V. Etheredge	Chief Architect (Loan)	3/19/63	
W.B. O'Brien	Supervisory Architect (Loan)	1/21/63	
B.W. Vaugh	Chief Design Architect	7/22/63	4/4/65
<u>Short-Term</u>			
C.E. Bishop	Program Consultant Ag. Economics (F-R)	1/9/65	1/21/65

Peru  
Agricultural Institutional Development  
North Carolina State University/National University

Partial list of staff serving in Peru under this contract:

Boynton, D.	Academic/Research Adviser	1966-68
Wolfe, H.S.	Fruit	1966-68
Neuman, D.F.	Agri Economics	1967-68
Thompson, R.W.	Architect	1966-68

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\*Agency for International Development/Alliance for Progress,  
Program and Project Data. Presentation to the Congress--FY 1966.  
Latin America. p. 351

Uruguay  
Iowa State University/University de la Republica  
Oriental

<u>Long-Term Staff</u>	<u>Title</u>	<u>Dates of Assignment in Peru</u>	
Frederick Mann*	Law Advisor	4/25/63	-
David Brown	Agr. Economist and Chief of Party	5/1/63	-
Melvin Blase	Resource Economist	7/11/63	- 5/11/65
Dean Schreiner	Research Associate	9/4/63	-
Apostolos Condos	Research Associate	9/4/63	-
Erik Thorbecke	Ec. Growth Advisor	9/15/63	- 9/4/64
Rene Vandendries	Research Associate	12/16/63	-
Enrique Vigues	Research Associate	12/15/63	-
J. T. Scott	Chief-of-Party	4/18/64	- 5/16/65
Eugene Brady	Ec. Growth Advisor	6/21/64	-
Thyrele Robertson	Agr. Marketing Adv.	12/2/64	-
Hylke Van de Wetering	Agr. Prod. Adv.	3/3/65	-
Ronald Tinnermeier	Agr. Economist	3/8/65	-
William Merrill	Food Economics Adv.	6/1/65	-

Consultants

James Prescott	Econometrician	6/2/64	- 8/29/64
Samuel Fahr*	Law Advisor	7/11/64	- 9/15/64
		5/30/65	-
Raymond Beneke	Program Economist	6/14/64	- 8/29/64
		6/2/65	-
John Timmons	Program Director	2/22/65	- 3/6/65
Lehman Fletcher	Agr. Economist	3/7/65	- 5/25/65
Donald Kaldor	Agr. Economist	5/1/65	- 6/27/65
Donald Winkelmann	Growth Economist	5/14/65	-

Supporting Staff in Ames

		<u>Dates of Employment</u>	
John F. Timmons	Executive Director	10/2/62	-
Richard Perrin	Campus Coordinator	6/3/63	-
Donna Stevenson	Stenographer	9/3/63	-
Carolyn Thomas	Stenographer	11/15/63	- 5/21/65
Jeane McCrary	Stenographer	5/22/65	-

From the staff of the State University of Iowa. Other staff members are from Iowa State University.

**NEAR EAST**

Afghanistan

University of Wyoming/College of Agriculture and Veterinary in Kabul University

**Chief of Party**

Bradshaw, B.	1954-56
Burns, R.H.	1956-58
Moncur, E.	1958-60
Vaughn, J.R.	1960-62
Solheim, W.G.	1963-65
Oxley, J.U.	1965-67
Pfadt, R.E.	1967-68
Becker, C.	1968-70
Denniston, R.H.	1970-73

**Partial list of staff members provided under the contract:**

Baxter, F.P.	Soils Scientist	1958-62
Connel, W.E.	Animal Science	1962-64
Fabricius, A.G.	Agri Engineering	1966-73
Fabricius, L.J.	General Agriculture	1959-63
First, J.K.	Farm Manager	1966-66
Harlan, R.K.	Economics & Extension	1963-68
Haws, D.	Plant Protection	1962-66
Hoopes, F.E.	Animal Science	1967-72
Kantz, A.D.	Agri Chemistry	1963-66
Kreuger, Hugo	Zoology	1960-64
Kumler, M.L.	Plant Science	1963-65
Loudon, T.L.	Agri Engineering	1966-68
McKellar, E.K.	Animal Science	1964-66
Millsell, O.H.	General Agriculture	1960-62
Mitch, L.W.	Agronomy	1958-59
	Agri Engineering	1955-58
Nielsen, G.A.	Soil Science	1963-67
Owens, G.P.	Agri Economics	1966-72
Parker, L.C.	Animal Science	1961-65
Pfadt, R.E.	Plant Protection	1966-67
Pickett, L.C.	Plant Science	1963-67
	Agri Education	1967-69
Fallsbury, H.	Horticulture	1967-71
Richardson, A.L.	Horticulture	1962-64
Rollins, W.L.	Animal Science	1963-67
Saboe, L.C.	Plant Science	1969-73
Smith, W.L.	Agronomist	1958-59
Snelling, K.W.	Soil Science	1968-73
Sumner, E.S.	Agronomist	1959-61
Thompson, R.C.	Animal Science	1966-70
Tippets, D.H.	Farm Manager	1969-71
Willard, H.S.	Animal Science	1959-61

Afghanistan  
University of Wyoming/College of Agriculture and Veterinary in Kabul University

Short-Term Staff Members Provided under the contract:

Becker, C.J.	Agri Engineering	7/66-8/66
Benn, H.W.	Contract Review	7/54-8/54
Briggs, H.M.		7/55-8/55
		7/57-8/57
Surman, R.D.	Agri Engineering	7/71-8/71
Downs, R.B.	Library	7/63-9/63
Kercher, C.J.	Animal Science	10/71-11/71
Oxley, J.W.	Animal Science	1/63-2/63
Vanvig, A.	Agri Economics	7/65-8/65
Vaughn, J.R.	Agri Review	6/59-7/59

Iran  
 Utah State University/Karadj College (The College of Agriculture of the University  
 of Tehran)

Partial list of Contract Staff members:

Walker, R. H.	Administration, Curriculum	1952-
Jacobsen, E.A.	College Org., Administration	1957-1959
Blanch, G.T.	Agri. Economics	1953-
Follard, L.H.	Horticulture	1953-
Wahlquist, A.G.	Agronomy	1953-
Steffen, H.	Animal Science	1953-
Stenquist, L.B.	Business Management	1957-59
Snelgrove, A.M.	" "	1953-
Farnsworth, R.B.	Soil Science	1959
Harris, L.H.	Librarian	1959-60

Additional staff listed in Iran and Utah State University who were in  
 Iran in 1961:

Bowman, A.E.	Contract Supervisor	1957-58
Ballard, J.C.	Contract Supervisor	1951-53
		1960-
Embry, B.L.	Agri Engineering	1960-
Gerber, R.K.	Horticulture	1960-
Sims, A.J.	Agri Information	1960-
Madsen, M.A.	Animal Science	1961-
Van Epps, G.	Soil and Agronomy	1961-

Iraq  
University of Arizona/Iraq College of Agriculture

The following persons served on the Iraq College of Agriculture staff as members of the UA/ICA/Iraq staff:

Name	Field of Service	Tour Dates	Academic Terms
Ian A. Briggs	Field Crops	1953-54	3
D. S. Buchanan	Dairy Husbandry	1953-54	3
G. B. McLercy	Animal Husbandry	1953-56	7
T. F. Euehrer	Soils	1953-53	1.5
J. C. Russel	Soils	1953-53	12
E. F. Felton	Agric. Engineering	1954-55	2
K. O. Rachie	Field Crops	1954-55	2
G. R. Younge	Field Crops	1955-57	3
W. E. Adams	Agric. Economics	1955-57	4
J. E. Smith	Agric. Engineering	1955-59	8
F. L. Herum	Farm Machinery	1955-57	4
C. A. Larson	Field Crops	1957-59	4
J. E. Snavely	Agric. Engineering	1957-59	4
C. E. Safley	Animal Husbandry	1957-59	3
R. S. McGlothlin	Agric. Economics	1957-59	3
M. K. Luther	Agric. Education	1957-59	2

Total Staff members: 16 Total semesters of service: 65