PD-AAS-996

Annual Budget Submission

FY 1987

BUREAU FOR SCIENCE AND TECHNOLOGY

OFFICE OF AGRICULTURE

JUNE 1985

Agency for International Development
Washington, D.C. 20523

UNCLASSIFIED

TABLE OF CONTENTS

ITEM		Page No.
TABLE III - PROJECT OBLIGATIONS FY 85 - FY 87		1
TABLE IV - PROJECT BUDGET DATA		3
ACTIVITY DATA SHEETS		
931-0054	International Fertilizer Development Center	7
931-0060	Agricultural Sector Research Services	8
931-0242	Fisheries - Aquaculture Technical Assistance	9
931-0610	Biotechnology - Limiting Factors	10
931-0613	N Fixation - Symbiotic	11
931-1229	Soils Management Support Services	12
931-1254	CRSP - Sorghum/Millet	13
931-1310	CRSP - Beans and Cowpeas	14
931-1311	CRSP - Soil Management	15
931-1314	Aquaculture Technology Development	16
931-1323	Storage/Processing of Fruits & Vegetables	17
931-1328	CRSP - Small Ruminants	18
936-4021	Technology of Soil Moisture Management	19
936-4023	CRSP - Pond Dynamics	20
936-4024	Fisheries Development Support Services	21
936-4048	CRSP - Peanuts	22
936-4054	International Benchmarks Sites Network	23
936-4083	Host Resistance/Integrated Tick Control	24
936-4084	Agricultural Policy Analysis	25
936-4099	Farming Systems Support	26
936-4109	Agricultural Technology Research/Development	27
936-4111	International Agricultural Research Centers	28
936-4127	Water Management Synthesis II	34
936-4132	Soybean Utilization and Research	35
936-4136	Collaborative Research - IARCs	36
936-4137	Biotechnology - Tissue Culture	37
936-4141	High Value Horticultural Crops	38
936-4142	IPM & Environmental Protection	39
936-4143	R&D of Improved Seed Production & Marketing	40
936-4144	Post Harvest Grain Systems/R&D	41
936-4146	CRSP - Stock Assessment - Fisheries	42
936-4148	Technology Development Transfer and Feedback Systems in Agr.	43
COUNTRY DATA TABLE		44

SCIENCE AND TECHNOLOGY BUREAU
TABLE III - PROJECT OBLIGATIONS BY APPROPRIATION ACCOUNT
FY 1985 TO FY 1987

ST/AGR

PROJECT#	PROJECT TITLE	FY 85 OYB ($ WHOLE)	FY 1986 CP ($ 000)	FY 1987 PROPOSED ($ 000)	
	FN _ AGRICULTURE,RURAL DEV. AND NUTRITION				
931_0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	$4,300,000	$4,000,000	$4,000,000	1046
931_0060.	AGR SECTOR RESEARCH SERVICES	$545,000	$570,000	$600,000	881
931_0242.	FISHERIES-AQUACULTURE TECH. ASST.	$150,000	$190,000	$200,000	86
931_0610.	BIO-TECHNOLOGY LIMITING FACTORS	$824,000	$2,950,000	$2,950,000	1[illegible]
931_0611.	N-FIXATION - SYMBIOTIC	$800,000	$650,000	$1,000,000	1047
931_0786.	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	$312,000	$0	$0	142
931_1060.	ICLARM - RESEARCH ON LIMITING FACTORS	$300,000	$0	$0	214
931_1220.	SOILS MANAGEMENT SUPPORT SERVICES	$1,200,000	$750,000	$1,000,000	318
931_1254.	CRSP - SORGHUM/MILLET	$3,485,000	$3,750,000	$4,095,000	330
931_1310.	CRSP - BEANS AND COWPEAS	$3,200,000	$3,700,000	$3,750,000	1050
931_1311.	CRSP-SOIL MANAGEMENT	$2,750,000	$2,950,000	$3,000,000	964
931_1314.	AQUACULTURE TECHNOLOGY DEVELOPMENT	$300,000	$500,000	$400,000	14
931_1323.	STORAGE/PROCESSING OF FRUITS/VEGETABLES	$480,000	$400,000	$450,000	423
931_1328.	CRSP-SMALL RUMINANTS	$4,000,000	$3,950,000	$4,000,000	546
936_4021.	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT	$895,000	$900,000	$1,000,000	451
936_4023.	CRSP POND DYNAMICS	$1,300,000	$1,300,000	$1,300,000	459
936_4024.	FISHERIES DEVELOPMENT SUPPORT SERVICES	$0	$300,000	$300,000	687
936_4048.	CRSP - PEANUTS	$0	$2,400,000	$2,400,000	695
936_4054.	INTERNATIONAL BENCHMARK SITES NETWORK	$1,200,000	$800,000	$1,200,000	713
936_4083.	HOST RESISTANCE/INTEGRATED TICK CONTROL	$0	$300,000	$300,000	891
936_4084.	AGRICULTURAL POLICY ANALYSIS	$1,205,000	$1,400,000	$1,500,000	892

SCIENCE AND TECHNOLOGY BUREAU
TABLE III - PROJECT OBLIGATIONS BY APPROPRIATION ACCOUNT
FY 1985 TO FY 1987

ST/AGR

PROJECT#	PROJECT TITLE	FY 85 OYB ($ WHOLE)	FY 1986 (CP) ($ 000)	FY 1987 PROPOSED ($ 000)	
936_4099.	FARMING SYSTEMS SUPPORT	$1,200,000	$600,000	$700,000	895
936_4109.	AGRICULTURAL TECHNOLOGY RES./DEVELOP.	$601,000	$1,142,000	$1,100,000	982
936_4111.	INT'L AGR RESEARCH CENTERS	$2,200,000	$0	$2,000,000	985
936_4120.	PRE-POSTHARVEST RODENT AND BIRD CONTROL	$425,000	$0	$0	1001
936_4127.	WATER MANAGEMENT SYNTHESIS II	$2,500,000	$1,300,000	$1,500,000	1161
936_4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	$850,000	$850,000	$850,000	1129
936_4136.	COLLABORATIVE RESEARCH IARCS	$200,000	$1,000,000	$1,000,000	1268
936_4137.	BIO-TECHNOLOGY FOR TISSUE CULTURE	$1,100,000	$1,000,000	$1,100,000	1164
936_4141.	HIGH VALUE HORTICULTURAL CROPS	$0	$0	$400,000	1405
936_4142.	IPM AND ENVIRON PROT INCL BIO-CONTROL	$650,000	$700,000	$750,000	1286
936_4143.	POSTHARVEST GRAIN SYS R+D	$0	$360,000	$400,000	1287
936_4144.	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	$600,000	$600,000	$650,000	1288
936_4146.	CRSP: STOCK ASSESSMENT FISHERIES	$500,000	$750,000	$1,000,000	461
936_4148.	TECH DEV TRNSFR FEEDBACK SYS IN AGR	$0	$0	$125,000	1298
	* * TOTALS FOR F	$37,006,000	$40,000,000	$45,000,000	
* * TOTAL FOR: ST/AGR		$37,006,000	$40,000,000	$45,000,000	

821 - AGRICULTURE

FY 1987 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

BUREAU FOR SCIENCE AND TECHNOLOGY

PROJECT NUMBER AND TITLE	OBLIG DATE		-TOTAL COST-		OBLIG THRU	FY 84 PIPE-	ESTIMATED U.S. DOLLAR COST ($000) ----FY 1985--- OBLIG-	EXPEND-	----FY 1986--- OBLIG-	EXPEND-	--FY 87--			PROG	
G L INIT FIN			AUTH	PLAN	FY 84	LINE	ATIONS	ITURES	ATION	ITURES	AAPL	SUB CAT	% PVO	CODES	IEE NO
AGRICULTURE, RURAL DEV. AND NUTRITION															
9810054 INTL FERTILIZER DEVELOPMENT CENTER															
G 75	C		---	---	44700	3202	4000	4223	4000	4000	4000	FNIC			8139
9810060 AGRICULTURAL PLANNING AND SUPPORT															
G 77	C		---	---	4895	575	545	772	570	772	560	FNDR			8147
9810230 SEED PROGRAM AND INDUSTRY DEVELOPMENT															
G 56	84		4145	4134	4134	400	---	422	---	---	---	FNAI			11593
9810205 WEED CONTROL UTILIZATION															
G 76	84		3732	3692	3692	266	---	236	---	---	---	FNAI			11595
9810242 FISHERIES-AQUACULTURE TECH. ASST.															
G 76	C		---	---	1969	322	150	152	190	202	200	FNFD			8161
9810502 DEV. OF IMPROVED VARIETIES OF SOYBEANS															
G 78	84		7961	7960	7960	900	---	922	---	---	---	FNDR			11596
9810510 BIO-TECHNOLOGY LIMITING FACTORS															
G 76	88		7000	11200	4450	352	800	652	2950	1500	2950	FNDR			8166
9810513 N-FIXATION - SYMBIOTIC TROPICAL LEGUMES															
G 75	88		11380	11380	7580	1122	500	1000	650	553	1000	FNDR			8154
9810621 SPRING WINTER WHEAT															
G 76	84		3477	3383	3383	319	---	313	---	---	---	FNDR			11598
9810786 FOOD GRAIN STORAGE AND MARKETING															
G 67	84		10404	9727	9417	450	310	760	---	---	---	FNMS			11599
9810930 PEST MGT AND RELATED ENV PROTECTION															
G 71	84		8441	7603	7623	688	---	688	---	---	---	FNAI			11600

PROJECT NUMBER AND TITLE				ESTIMATED U.S. DOLLAR COST ($000)										
	OBLIG			OBLIG	FY 84	FY 1985		FY 1986		FY 87			PEACE	
G L	DATE INIT	FIN	TOTAL COST AUTH	PLAN	THRU FY 84	PIPE-LINE	OBLIG-ATIONS	EXPEND-ITURES	OBLIG-ATION	EXPEND-ITURES	AAPL	SUB CAT	% PVO	CORPS	ITEM NO
9311050	ICLARM-RESEARCH ON LIMITING FACTORS														
G 79	C		---	---	---	---	300	299	---	1	---	FNIC			11601
9311229	SOIL MANAGEMENT SUPPORT SERVICE														
G 79	C		---	---	4967	1210	1000	1000	750	750	1000	FNMC			8149
9311254	CRSP: SORGHUM/MILLET														
G 79	C		---	---	18150	2891	3465	3600	3750	3750	4095	FNDR			8140
9311310	CRSP: BEANS AND COWPEAS														
G 80	C		---	---	13979	3269	3000	2750	3700	3700	3750	FNDR			8141
9311311	CRSP-PROGRAM: SOILS MANAGEMENT														
G 81	C		---	---	7700	2051	2750	2750	2950	2950	3000	FNDR			8143
9311314	AQUACULTURE TECHNOLOGY DEVELOPMENT														
G 79	C		---	---	7546	25	360	360	360	360	400	FNFD			8162
9311318	CONTROL OF BARLEY DISEASES FOR LDCS														
G 78	84		1681	1590	1590	105	---	105	---	---	---	FNDR			11603
9311323	STORAGE AND PROCESS OF FRUITS AND VEGS														
G 82	90		2250	3610	1785	155	480	480	400	400	450	FNMS			8164
9311328	CRSP-PROGRAM: SMALL RUMINANTS														
G 78	C		---	---	21932	3135	4000	4000	3950	4000	4000	FNDR			8142
9364021	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT														
G 81	C		---	---	1150	250	805	805	900	900	1000	FNPA			8157
9364023	CRSP - POND DYNAMICS														
G 82	C		---	---	1950	650	1300	1300	1300	1300	1300	FNDR			8145
9364024	FISHERIES DEVELOPMENT SUPPORT SERVICES														

#21 - AGRICULTURE

FY 1987 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

BUREAU FOR SCIENCE AND TECHNOLOGY

PROJECT NUMBER AND TITLE / G I	OBLIG DATE INIT	FIN	-TOTAL COST- AUTH	PLAN	ESTIMATED U.S. DOLLAR COST ($000) OBLIG THRU FY 84	FY 84 PIPE-LINE	FY 1985 OBLIG-ATIONS	FY 1985 EXPEND-ITURES	FY 1986 OBLIG-ATION	FY 1986 EXPEND-ITURES	FY 87 AAPL	SUB CAT	% PVO	PEACE CORPS	ITEM NO
G	82	C	---	---	885	300	---	300	300	300	300	FNDR			8163
9364049 CRSP - PEANUTS															
G	82	C	---	---	4379	1704	---	1680	2400	2100	2400	FNDR			8144
9364054 INTERNATIONAL BENCHMARK SITES NETWORK															
G	82	89	9930	9930	2500	1000	1000	1000	800	1000	1000	FNDR			8153
9364055 TISSUE CULTURES FOR FOOD PRODUCTION															
G	87	93	937	93	937	121	---	121	---	---	---	FNDR			11390
9364083 HOST RESISTANCE INTEGRATED TICK CONT.															
G	83	88	1450	1450	850	425	---	300	300	300	300	FNDR			8152
9364084 AGRICULTURAL PLANNING AND POLICY ANALYSI															
G	83	88	9200	7370	1790	493	1205	1050	1400	1050	1500	FNPA			8151
9364099 FARMING SYSTEMS SUPPORT															
G	82	87	9953	7888	3842	1365	1200	1800	680	1445	700	FNDR			8150
9364100 AGRICULTURAL TECHNOLOGY RES + DEVELOPMEN															
G	81	C	---	---	3239	1232	601	1000	1140	1000	1100	FNPA			8146
9364111.99 SMALL ACTIVITIES FOR (IARC)															
G	68	C	---	---	1468	759	2200	2200	---	1720	2000				14742
9364120 POST HARVEST RODENT AND BIRD CONTROL															
G	83	92	12805	4215	1200	58	425	425	---	58	---	FNDR			8165
9364127 WATER MGT SYNTHESIS II															
G	82	88	20000	10250	6744	2239	2500	2500	1300	2000	1500				8148
9364132 INTERNATIONAL SOYBEAN RESEARCH NETWORK															
G	85	89	5950	5950	---	---	850	600	850	850	850	FNDR			8168

021 - AGRICULTURE

FY 1987 ANNUAL BUDGET SUBMISSION
TABLE IV - PROJECT BUDGET DATA

BUREAU FOR SCIENCE AND TECHNOLOGY

PROJECT NUMBER AND TITLE	G L	OBLIG DATE INIT	OBLIG DATE FIN	TOTAL COST AUTH	TOTAL COST PLAN	OBLIG THRU FY 84	FY 84 PIPE-LINE	FY 1985 OBLIG-ATIONS	FY 1985 EXPEND-ITURES	FY 1986 OBLIG-ATION	FY 1986 EXPEND-ITURES	FY 87 AAPL	SUB CAT	% PVO	PEACE CORPS	ITEM NO
9364136 COLLABORATIVE RESEARCH IARCS	G	85	89	4200	4200	---	---	200	100	1000	900	1000	FNDR			11606
9364137 BIOTECHNOLOGY TISSUE CULTURE	G	84	C	---	---	1084	1074	1100	1000	1000	1000	1100	FNDR			8156
9364141 IPM AND ENVIRON PROT INCL BIO-CONTROL	G	87	91	---	5000	---	---	---	---	---	---	400	FNAI			14743
9364142 IPM AND ENVIRON PROT INCL BIO-CONTROL	G	85	89	5800	6000	---	---	950	250	700	700	750	FNAI			8155
9364143 R+D OF IMP SEED PROD/UTILIZATION IN LDCS	G	86	92	---	3420	---	---	---	---	300	300	400	FNAI			8159
9364144 POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	G	85	89	---	3245	---	---	600	700	700	600	650	FNMS			8160
9364146 CRSP: FISHERIES/STOCK ASSESSMENT RSCH	G	85	C	---	---	---	---	[illegible]	200	750	750	1000	FNDS			8167
9364148 TECH DEV TRANSFER FEED/PACK SYSTEMS	G	84	88	1732	1732	718	518	---	240	---	240	325	FNDS			11605
9364149 CRSP NEMATODE RESEARCH AND CONTROL	G	84	84	1000	1000	1000	990	---	330	---	330	---	FNDR			11604
9364151 REPRODUCTIVE STUDIES ON MILKFISH	G	84	84	1250	1250	1250	1240	---	525	---	625	---				13879
APPROPRIATION																
TOTAL				144571	139029	206311	35625	37096	43043	42000	42499	45000				
GRANT				144571	139029	206311	35625	37096	43043	42000	42499	45000				
LOAN				---	---	---	---	---	---	---	---	---				

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: John Malcolm

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars)	
International Fertilizer Development Center	Agriculture, Rural Development and Nutrition	FY 87 4000	LIFE OF PROJECT Continuing
NUMBER 931 0054 GRANT ☒ LOAN ☐ NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986 Annex V, Centrally Funded, p. 33	INITIAL OBLIGATION FY 75	ESTIMATED FINAL OBLIGATION FY Continuing
			ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To assure a dependable supply of better fertilizer at lower cost to farmers of the developing countries.

Background and Progress to Date: Building and maintaining soil fertility is essential for increasing crop yields in the developing countries. While conservation with compost and manures can save some nutrients and biological fixation can supply some of the necessary nitrogen, fertilizer is indispensable as a source of most of the nitrogen and the mineral elements.

Since it became functional in 1975, IFDC has been working on ways to make fertilizer more efficient and less costly to the farmer. Current efforts focus on nitrogen, phosphorus and sulfur fertilizers, more efficient production, storage and transport and more effective means to educate users in cost-effective application of fertilizer.

IFDC's research has developed improvements in the composition, physical form, and application of fertilizer. A new class of urease-inhibiting compounds has been identified which can make urea a much more effective fertilizer which is far easier to use than the current products. Briquetting of urea has been shown to be a viable alternative to supergranules for deep placement in rice paddies. Deep placement has been shown to increase nitrogen efficiency by 80 to 100 percent over conventional broadcasting.

Mineralogical, laboratory, pilot plant and field evaluation has shown that two phosphate deposits in Niger can be developed to meet the country's phosphate fertilizer needs. Pilot plant work has demonstrated that Mussoorie ore from India can be used to produce a granular rock phosphate or a partially acidulated rock fertilizer. IFDC engineers assisted Egyptian engineers in design and startup of their own phosphate evaluation laboratory and pilot plant. IFDC collaborated with a private U.S. consulting firm to demonstrate that a Ugandan phosphate form could provide a local source of phosphates for both Uganda and Kenya.

A mixed fertilizer plant based on urea, phosphate rock and potassium chloride was designed by IFDC and built by a U.S. engineering company in Malaysia.

IFDC has a 17 country network of soil fertility research in Sub-Saharan Africa and is joint sponsor with IRRI of the FERRAT network, investigating fertilizer and soil fertility management throughout Asia. The phosphate studies in Latin America, while focussed on phosphates, are complete fertility trials.

Host Country and Other Donors: Australia, Bangladesh, Brazil, Canada, Colombia, Indonesia, Israel, Malaysia, the Netherlands, Nigeria, Philippines, Senegal, West Germany, IFAD, UNDP, and UNIDO, are sponsoring work at IFDC which is in addition to that covered by the A. I. D. grant.

Beneficiaries: Farmers, workers in the chemical and transportation industries, and retailers all benefit directly from the work of IFDC.

FY 87 Program: Research on programmed-release nitrogen fertilizers and non-conventional phosphates will continue. Field trials in Africa, Asia and Latin America will seek better ways to use new and conventional fertilizers. Control of nitrogen losses on upland crops will be increasingly emphasized. The sulfur research, in cooperation with host country scientists, will define the boundaries of sulfur deficient areas more sharply. Local sources of sulfur will be sought to minimize the cost of imported fertilizers. Both technical assistance and training activities will be major program components. Additional attention will be paid to studies of the economic impact of fertilizer use. New studies will be conducted on the effects of government policies on fertilizer use and crop production.

Major Outputs and A. I. D. Units:	All Years Units
New and modified fertilizers	14
Phosphate rocks characterized	135
Training (individuals)	1625
Preinvestment surveys	24
Technical Assistance Missions	225
Publications	105

A. I. D. Financed Inputs in $000s:	FY 87
Personnel (800 person months)	1800
Operations	1460
Logistics	440
Equipment, Maintenance, Repair & Modification	300
TOTAL	4000

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	44700	41700	3000		
Estimated Fiscal Year 1985	4000	4000		7/1/85 - 6/30/86	International Fertilizer Development Center
Estimated through September 30, 1985	48700	45700	3000		
Proposed FY 1986	4000	4000		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	52700	49700	3000		
Proposed FY 1987	4000	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Phillip Church

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars)	
Agricultural Sector Research Services	Agriculture, Rural Development and Nutrition	FY 87: 580	LIFE OF PROJECT: Continuing
NUMBER 936-0060 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 1986 Annex V, Centrally Funded Program, p. 33	INITIAL OBLIGATION FY 87	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To provide the assistance of agricultural economists and other agricultural specialists for project design activities, evaluations, special studies, country development strategy statements, and sector analyses in less developed countries.

Background and Progress to Date: This project has proven to be an effective means of delivering high quality expertise in agricultural economics. The cooperating agencies have shown considerable flexibility in their ability to identify and provide short-term consultants to meet requests for research support. During the last two years this project has provided services in four areas: 1) Consultative Group for International Agricultural Research (CGIAR) support staff (two persons) to manage the A.I.D.'s International Agriculture Research Centers (IARC) assistance portfolio; 2) Postharvest food protection technical support to LDCs; and 3) Project analysis, design and evaluation support to LDCs.

Specialists contracted under this project during 1984/85 engaged in a range of research support activities in support of AID recipient countries' programs that included the following: (1) In Somalia, Belize, and Dominican Republic, socio-economic analysis and design of new agriculture research projects; (2) in Madagascar, development of a new program to assist in the reform of economic policies affecting agriculture; (3) development of micro-computer programs for the assessment of returns to agricultural research and of the impact of alternative economic policy scenarios on agriculture, (4) an evaluation of an agriculture research project in Haiti, a private sector rural development scheme in Sri Lanka, and a cooperative research program on food crop development in semi-arid West Africa. Project funded specialists also worked to foster closer ties between the Agency and international private activities in post harvest technology development and transfer, particularly in the area of food conservation through irradiation.

In addition to these activities in direct support of the field, specialists under this project undertook extensive socio-economic analysis of several projects in the S&T/AGR research portfolio -- soybeans, sorghum and millet, peanuts, integrated pest management, seed processing, three post-harvest projects, crop nematodes and integrated pest management. To improve overall S&T/AGR research portfolio management, a management information system was developed by a specialist provided under this project.

Collectively, activities carried out by RSSA personnel contributed directly to highlighting the socio-economic pay-off of the S&T agriculture research portfolio and helped identify better ways to improve the cost effectiveness of agricultural research sponsored by the office. The project also helped the Office of Agriculture to better focus the Agency's program in agriculture technology development and transfer, through systematic assessments of projects' economic impact and cost effectiveness.

Beneficiaries: This project will benefit the rural poor in LDCs through improved project design and evaluation activities. Primary beneficiaries are planning offices or agencies in LDC agricultural policy and research institutions.

FY 87 Program: State-of-the-art and case studies will be commissioned in support of new Agency-wide agricultural development projects. Areas of study will emphasize micro-computer applications to analysis of agriculture projects and policies; market studies for agricultural trade diversification in LDCs, and economic assessments of new agricultural technologies. Other research will be commissioned as needs arise out of project development efforts.

Major Outputs and A.I.D. Units:	All Years Units
Project design activities	30
Case studies	26
Evaluations	27
Special projects, including country analyses	26

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (60 person months)	480
Logistical support	50
Printing and other costs	50
Total	580

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	4895	4317	578		
Estimated Fiscal Year 1985	545	770		10/1/85 - 9/30/86	United States Department of Agriculture, Office of International Cooperation and Development
Estimated through September 30, 1985	5440	5087	353		
Proposed FY 1986	570	770		10/1/86 - 9/30/87	
Estimated through Fiscal Year 1986	6010	5857	153		
Proposed FY 87	580	Future Year Obligations	Estimated Total Cost	10/1/87 - 9/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Richard Neal

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Fisheries and Aquaculture Technical Assistance	Agriculture, Rural Development and Nutrition	FY 87 200	LIFE OF PROJECT Continuing
NUMBER 931-0242 GRANT ☒ LOAN ☐ NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86 Annex V Centrally Funded Programs p. 33	INITIAL OBLIGATION FY 76	ESTIMATED FINAL OBLIGATION FY Continuing
			ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To assist less developed countries in assessing fisheries development opportunities, analyzing fisheries sector problems, and formulating and implementing solutions that will lead to increases in food opportunities for poor people in the fishery sector.

Background and Progress to Date: This project was initiated with the National Oceanic and Atmospheric Administration in 1976 as a means of procuring services of fisheries advisors and experts to assist in program guidance, field support and technical representation. Recognition of the 200-mile limit has increased the LDCs' needs for technical assistance to utilize the increased marine fisheries potential and to carry out the new management responsibilities associated with the expanded coastal zones. Technical assistance was provided to a total of 28 countries between FY 1976 and FY 1984. This has included: surveys of fisheries and aquaculture development potential, project feasibility studies, design of fisheries projects, and assistance with project implementation, management and evaluation. Assistance has been provided in Egypt, Sudan, Nigeria, Senegal, Mauritius, Mauritania, Oman, Morocco, Guinea, Guinea-Bissau, Cameroon, Djibouti, The Sahel, Panama, Colombia, Cape Verde, Peru, Honduras, Jamaica, Nicaragua, Ecuador, Haiti, Dominican Republic, Guyana, Indonesia, Philippines, Sri Lanka and Thailand. As a result of these efforts, USAIDs and other international donors have invested major resources in new or expanded fisheries projects. Major production increases of up to 350,000 tons per year are expected in just six of the countries served by this project.

Host Country and Other Donors: None

Beneficiaries: Small-scale fishermen, fishing communities, fish farmers and low-income consumers of fish and fishery products in the less developed countries are the beneficiaries, as well as the Fisheries Departments and Ministries in LDCs.

FY 87 Program: Advisory assistance will continue in approximately 10 countries to help the countries regulate fish harvests in their new 200-mile fishing zones; assist with economic aspects of aquaculture; address problems of personal income and nutrition in small scale fishing communities; and assist with management of the coastal zone and its fishery resources.

Major Outputs and A.I.D. Units:	All Years Units
Country and technical studies	20
Technical representation	35
Program and project design	42
Technical advice	550
Analyses of traditional fisheries programs	40
Workshops	13
Publications and reports	34

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (40 person months)	140
Logistic Support	60
TOTAL	200

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	1969	1647	322		Department of Commerce
Estimated Fiscal Year 1985	150	150		9/30/85 - 9/29/86	National Oceanic and
Estimated through September 30, 1985	2119	1797	322		Atmospheric Administration
Proposed FY 1986	190	200		9/30/86 - 9/29/87	
Estimated through Fiscal Year 1986	2309	1997	312		
Proposed FY 1987	200	Future Year Obligations	Estimated Total Cost	9/30/87 - 9/29/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Lloyd Frederick

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars)	
Bio-Technology Limiting Factors	Agriculture, Rural Development and Nutrition	FY 87 2950	LIFE OF PROJECT 11,200 (to be amended)

NUMBER 931-0610 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE Technical Notification #108, Submitted 12/13/84	INITIAL OBLIGATION FY 86	ESTIMATED FINAL OBLIGATION FY 88	ESTIMATED COMPLETION DATE OF PROJECT FY 89

Purpose: To develop the use of biotechnology to solve problems limiting agricultural production of food, fiber and fuel in developing countries.

Background and Progress to Date: Starting FY 86 the project was expanded to include new biotechnology thrust. A focused biotechnology research program has been underway in collaboration with scientists in developing countries to use the newer biotechnologies to overcome certain age-old problems. These new techniques may make possible such development as: plants that have greater tolerance to harsh soil and environmental conditions; crop plants able to better utilize the gaseous nitrogen in the air; plants and animals tolerant of or resistant to the attacks of pests (disease, insects and weeds). Recent advances in molecular biology research have provided tools that, when combined with the older biotechnology, give promise of revolutionary technological breakthroughs. Grants will be made to support and accelerate research by U.S. and LDC scientists on problems of importance already under investigation. Priority is given to problems identified in developing/tropical areas and to coupled research with scientists in developing countries.

Examples of research of this type are the following: 1) Monoclonal antibody technology for diagnostic tools and vaccines against plant and animal pests and toxins; 2) Recombinant DNA and protoplast fusion to develop plants and beneficial microbes with greater productive capability and specific tolerance or resistance to environmental and biological stresses; 3) Practical ways to enable crops to capture nitrogen from the air and make it available as fertilizer for food production (Biological Nitrogen Fixation - BNF).

Inoculants that show better survival at high temperatures are being tested for field use. Rhizobial strain NC-92 produced yield increases with Robut 33-1 on many fields, even where other strains had no effect. BNF problems are being studied in Sudan and Malawi (soil conditions, seed treatment), Egypt and Tunisia (salinity, phosphorus), Guyana, Turkey and Thailand (inoculant production), Morocco, Panama and Senegal (inoculation and survival), Brazil (acidity, problem soils), Costa Rica and Mexico (inoculation), Dominican Republic (minimum tillage), Kenya and Honduras (bean nodulation), Nepal and Venezuela (forage production).

Host Country and Other Donors: Host countries provide scientists, laboratories, field sites, facilities and other support for coupled collaborative work.

Beneficiaries: Scientists working with biotechnology benefit directly from increased knowledge and capability to use biotechnology. Farmers will benefit as biotechnology products are incorporated into their farming systems.

FY 87 Program: The grants program will supplement ongoing activities in biotechnology and direct work toward LDC problems. Major efforts will be in improved methods of crop and animal protection, including monoclonal antibody techniques; and improved BNF technology including inoculants and rhizobia.

Major Outputs and A. I. D. Units:	All Years Units
Grants for cooperative research	12
Improved crop materials	8
Improved animal protection	4
Improved nutrient uptake plant systems	2
Coupled BNF research with LDC scientists	12
Trained personnel to work with biotechnology	50
Technical publications	90

A. I. D. Financed Inputs in $000s:	FY 87
Research grants	2950

U.S. FINANCING (in thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	4450	4100	350		U.S. Department of Agriculture
Estimated Fiscal Year 1985	800	650		6/1/85 - 5/31/86	Cooperative States Research Services
Estimated through September 30, 1985	5250	4750	500		USDA-CSRS
Proposed FY 1986	2950	1500		6/1/86 - 5/31/87	
Estimated through Fiscal Year 1986	8200	6250	1950		
[illegible] 87	2950	Future Year Obligations	Estimated Total Cost	6/1/87 - 5/31/88	
		50	11200		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Lloyd Frederick

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
N-Fixation, Symbiotic (NifTAL)	Agriculture, Rural Development and Nutrition	FY 87 1000	LIFE OF PROJECT 11,380
NUMBER 931-0613 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986, Annex V Centrally Funded Programs p. 33	INITIAL OBLIGATION FY 75	ESTIMATED FINAL OBLIGATION FY 88 / ESTIMATED COMPLETION DATE OF PROJECT FY 89

Purpose: To develop practical ways to enable tropical legume crops to capture nitrogen from the air and to increase the use of tropical legumes.

Background and Progress to Date: To optimize biological nitrogen fixation (BNF) in tropical agricultural legumes, the NifTAL project was initiated to: (a) build and test a collection of root nodule bacteria (rhizobia) so that effective competitive strains could be selected for more than 50 tropical legumes used in cropping systems, (b) train scientists in developing countries to work with rhizobia and BNF utilization, (c) conduct research on the application of BNF in cropping systems, (d) build a network of scientists through workshops and exchange of information, cultures, etc., including a BNF Bulletin, e) coordinate cooperative international legume inoculation trials (INLIT), and (f) provide technical assistance in research, training, legume inoculant production and distribution. The University of Hawaii has developed a facility for testing the rhizobia-legume symbiosis in laboratory, greenhouse and field. NifTAL's method for producing high quality rhizobia inoculant using 1/100 normal rhizobial culture was tested in LDC laboratories. The collection now has 1700 strains of rhizobia isolated from 285 different legume species originating in 56 countries. Strains are characterized for 50 target legumes important in development. Results from 110 international legume inoculation trials were received from 18 countries, analyzed and analyses returned to cooperators. A split root technique has shown that the host plant has greater control of nodulation and nitrogen fixation than previously known.

Twelve short courses in BNF technology have been completed with 180 scientists trained. The intern training program has had 44 scientists from 26 countries. Ten graduate students have completed degrees, and nine are currently in graduate programs. Four international workshops have been held in 1976, 1979, 1981 and 1983. A BNF Bulletin has been issued triannually to disseminate current information and provide communication between scientists. The NifTAL BNF Resource Center for Asia, established cooperatively in Thailand in 1983, has consulted on research and sponsored training courses in Thailand and Bangladesh.

Host Country and Other Donors: For international inoculation trials, host countries provide scientists, facilities, field sites, amounting to at least $1000 per site totaling an estimated $300,000 in FY 1984. For training, host countries provided staff and facilities amounting to at least $100,000.

Beneficiaries: Scientists working with BNF and tropical legumes derive benefits. As knowledge and capability increases, the use of BNF technology will benefit farmers who utilize BNF through legumes in their cropping systems, and the annual multi-billion dollar fertilizer N cost to LDCs will be reduced.

FY 1987 Program: Continue activities with increased attention to appropriate biotechnology with increased emphasis on effective combination of rhizobia inoculant with the legume cultivar. Determine the best combination of rhizobia and legume for different environmental conditions. Test BNF technology under field conditions in developing countries. Determine the yield effect of inserting the high-fixing genetic material into a field-hardy strain. Maintain international network of BNF scientists. Continue training in BNF. Develop packages of BNF technology for cropping systems. Increase technical assistance for optimum use of BNF science and technology in farming systems to supply nitrogen for crop and animal production.

Major Outputs and A.I.D. Units:	All Years Units
Rhizobium culture collection	1
Rhizobium strain evaluation	200
Training LDC junior scientists	200
Training intern scientists	60
Inoculant experiments through international network	500
Inoculation methodology experiments	20
Legume N - cropping system experiments	20
Technical publications	42

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (190 person months)	600
Logistics	60
Training (33 person months)	75
Operations	265
TOTAL	1000

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	7580	6458	1122		University of Hawaii
Estimated Fiscal Year 1985	500	1000		9/1/85 - 3/31/86	
Estimated through September 30, 1985	8080	7458	622		
Proposed FY 1986	650	650		4/1/86 - 3/31/87	
Estimated through Fiscal Year 1986	8730	8108	622		
Proposed FY 1987	1000	Future Year Obligations 1650	Estimated Total Cost 11380	4/1/87 - 3/31/88	

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Raymond Meyer

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Soil Management Support Services	Agriculture, Rural Development and Nutrition	FY 87: 1000	LIFE OF PROJECT: Continuing
NUMBER 931-1229 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 86, Annex V Centrally Funded Programs p. 33	INITIAL OBLIGATION FY 79 / ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To help developing countries improve their capability for managing and conserving vital soil resources for agricultural production and improve their capacity to use soil surveys and interpretations as a means of improving the applicability and transfer of agricultural information.

Background and Progress to Date: Given current trends of population growth and soil degradation, the world's soil resources must be utilized more intensively and extensively in the future. Better soil management is essential to maintain this resource. This project will attempt to help reverse and reduce the process of degradation of LDC soil resources, improve the technical basis for transfer of improved crop and soil management practices among similar agroecological zones, and provide for increased food production. The project has assisted LDCs in soil survey, land use planning, and soil conservation. It has provided basic support for the improvement of an international soil classification system. This has helped develop national programs needed for agricultural development and more long-term productive utilization of LDC land resources. Regional soil classification workshops and training courses in soil and crop management technology transfer have been held in Africa, Asia, Latin America, and the South Pacific. The project has been evaluated and commended for its progress by an outside panel. Proceedings of the workshops and other soil taxonomic information were distributed to key soil scientists in most countries. International soil classification committees have been functioning; several are ready to present their final options for improving soil classification criteria for particular tropical soils. This improved soil classification will provide a better basis for understanding and predicting problems and potentials of soils for food production. It will provide an international language for technology transfer.

Host Country and Other Donors: Almost every project-funded activity receives significant contributions from the developing countries and other collaborators. Workshops and training courses are coordinated with other donors and international and regional organizations. Many LDCs support participants in the training courses and workshops.

Beneficiaries: Advisors and officials within host governments will benefit directly by becoming more knowledgeable about soil-based agrotechnology transfer and more capable of tackling field problems; they will be able to provide more soundly based recommendations for governmental food production programs. Farmers will benefit directly from the generation and transfer of better soil-based technology on how to manage their land for an immediate increase in productivity. Farmers and consumers alike will benefit from long-range protection from damage due to uninformed exploitation.

FY 87 Program: Will continue to provide technological inputs and coordination among country institutions and AID missions in problem identification, evaluation of opportunities, and development of new information for soil surveys, land use planning and soil conservation. Greater emphasis will be based on the interpretation of soil survey information and land use planning for improved transfer of crop production technology. USAIDs are expected to share costs for the technical assistance they receive.

During the year, 25 person months of short-term TDY will be spent in LDCs developing a coordinated program in several regions. Two training courses will be conducted for thirty LDC participants each on soil-based agrotechnology transfer. Two international workshops will be held: one on soil survey/fertility interrelation; the other on soil survey/erosion interrelation.

Major Outputs and A.I.D. Units:	All Years Units
Consultancies (in person months)	450
Soil sample analyses	2400
Workshops	15
Persons trained	500
Publications	19
Improved soil classification (soil families)	6

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (80 person months)	500
Logistics	300
Training	150
Commodities	50
TOTAL	1000

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	4967	3757	1210		U.S. Department of Agriculture Soil Conservation Services
Estimated Fiscal Year 1985	1000	1000		9/30/85 - 11/15/86	
Estimated through September 30, 1985	5967	4757	1210		
Proposed FY 1986	750	750		11/16/86 - 8/31/87	
Estimated through Fiscal Year 1986	6717	5507	1210		
[illegible]	1000	Future Year Obligations	Estimated Total Cost	9/1/87 - 8/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Jackson

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Collaborative Research Support Program CRSP Sorghum/Millet	Agriculture, Rural Development and Nutrition	FY 87 4,095	LIFE OF PROJECT continuing
NUMBER 931-1254 GRANT ☒ LOAN ☐ NEW ☐ CONTINUING ☒	PRIOR REFERENCE 1986, Annex V, Centrally Funded Programs, p. 33	INITIAL OBLIGATION FY 79	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To increase sorghum and millet production and utilization and to improve research capability in LDCs through collaborative research between U.S. and LDC institutions.

Background and Progress to Date: Sorghum and millet are basic foods consumed by the poorest segment of the populations in much of Africa, the Indian subcontinent and parts of Latin America. This project has developed collaborative relationships between U.S. and LDC institutions to attack constraints to increased production and utilization of sorghum and millet in LDCs. The project is designed to: (1) expand the body of knowledge in sorghum and millet as part of small farmer production systems; (2) develop and test appropriate technologies and practices to improve productivity of target production systems; (3) expand the level of competence of LDC scientists to conduct research on grain sorghum and millet production systems; and (4) improve sorghum and millet grain production capability of developing countries.

Collaborative activities are underway in the Sudan, Mali, Honduras, Upper Volta, Mexico, Niger, Philippines, Dominican Republic and Botswana in 1983. Efforts are currently being made to identify and develop specific plans for collaborative activities with LDC collaborators in other Latin American and African countries. A joint agreement has been signed with the Centro Internacional de Agricultura Tropical (CIAT) and the International Crops Research Institute for Semi-Arid Tropics (ICRISAT) for collaborative activities in Latin America. Furthermore, the CRSP is cooperating closely with ICRISAT world wide. To avoid duplication and overlap of activities, ICRISAT has been involved in all stages of CRSP program planning. Notable achievements to date are: a) International Sorghum and Millet Research (INTSORMIL) germplasm is superior and well adapted, as attested by the hybrid sorghum released in the Sudan; b) an improved variety of sorghum has been jointly released by INTSORMIL and Recursos Naturales in Honduras; c) INTSORMIL and TROPSOIL CRSPs and IFDC will collaborate on research programs in Mali; d) INTSORMIL is advising the Sudanese government on technical and policy questions relating to establishment of a hybrid sorghum seed industry.

Host Countries and Other Donors: Each LDC collaborating institution will provide a minimum of two research workers plus supporting staff to conduct research on-site. In addition, each collaborator will provide land and laboratory facilities, estimated to be a contribution of at least $10,000 at each site. The six U.S. universities will provide a minimum of 25 percent of amount of A.I.D. funding.

Beneficiaries: LDC sorghum/millet research and production programs initially. LDC small farmers and urban poor will be the ultimate beneficiaries.

FY 87 Program: Collaborative research efforts in the developing countries will concentrate on the Sahel, Southern Africa and Latin America, particularly the Caribbean Basin countries. Special emphasis will go to strengthening seed systems in countries where new material will be ready for distribution to farmers. A degree-training program for the Southern African region will advance the preparation of about ten specialists from the area.

Major Outputs and A.I.D. Units:	All Years Units
Sorghum/millet breeding and research programs in LDCs	10
High yielding varieties	200
Multiple disease and insect resistant varieties	40
Cropping systems and packages of management practices	20
Improved village cooking methods and family nutrition programs	50
Communication strategies for technology transfer	10
New germplasm sources for disease and insect resistance in sorghum/millet	20
Training	
Degree	450
Non-degree	1500

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (500 person months)	$2125
Logistic Support	695
Training (550 person months)	275
Equipment and facilities	800
Other Costs	200
TOTAL	$4,095

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	18,150	15,259	2,891		University of Nebraska, Purdue, Texas A&M, University of Kentucky, Kansas State, Mississippi State, and Florida State University
Estimated Fiscal Year 1985	3,465	3,600		7/1/85 - 6/30/86	
Estimated through September 30, 1985	21,615	18,859	2,756		
Proposed FY 1986	3,750	3,750		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	25,365	22,609	2,756		
Proposed FY 1987	4,095	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Harvey J. Hortik

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Collaborative Research Support Program - CRSP - Beans and Cowpeas	Agriculture, Rural Development and Nutrition	FY 87 3,750	LIFE OF PROJECT Continuing

NUMBER 931-1310 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE Technical Notification #108, Submitted 12/31/84	INITIAL OBLIGATION FY 80	ESTIMATED FINAL OBLIGATION FY Continuing	ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To increase bean/cowpea production and utilization and improve research capability in LDCs through collaborative research between U.S. and LDC institutions.

Background and Progress to Date: Common beans and cowpeas are basic food legume crops consumed by the poorest segment of the populations in Africa and Latin America. This project has developed collaborative relationships between U.S. and LDC institutions to attack constraints to increased production and utilization of beans/cowpeas. The immediate objectives are to: (1) expand the body of knowledge on beans/cowpeas as part of small farmer production systems; (2) develop and test appropriate technologies and practices to improve productivity of target production systems; (3) expand the level of competence of LDC scientists to conduct research on common bean/cowpea production systems; and (4) improve bean/cowpea production capability of developing countries.

The CRSP grant was awarded September 30, 1980. Eighteen subgrants have been made to participating institutions based upon the program plan approved by A.I.D. Several new directly transferable technologies have been developed and introduced for the U.S. and LDCs during this period. For example: 1) in Brazil, insect pathogens have been identified that are considered important pest management tools and are compatible with other insect control practices; 2) in Botswana, over 500 cowpea lines have been catalogued and screened and Volume I of the Botswana Cowpea Germ Plasm Guide was prepared for publication; 3) in Puerto Rico, five new bean lines more resistant to various diseases than those traditionally used were developed and released for distribution; 4) in Kenya and Senegal, improved drought and heat tolerant disease resistant beans and cowpeas have been identified for the semi-arid regions of Africa; 5) in Brazil, bean lines have been developed with enhanced biological nitrogen fixation capability (30-40 kg/ha of nitrogen); 6) in Guatemala and Ecuador, socio-agronomic bases have been developed for bean farming systems of the highland Indians in Central America.

Host Countries and Other Donors: All collaborative developing country institutions provide personnel and facilities for conducting research in their respective countries. The participating U.S. universities provide a minimum of 25% of the A.I.D. budget in matching funds, which has amounted to $3.365 million between 1980 and 1985.

Beneficiaries: Bean/Cowpea research and production programs in developing countries benefit initially, and the small farmer producer and urban poor consumer will be the ultimate beneficiaries.

FY 87 Program: Applied research will continue to deal with constraints to increasing production and utilization of beans and cowpeas. The areas for research reviewed and approved by A.I.D. in 1980 were revised in 1985 for the next three year period. They include cropping systems on small farms and development of improved varieties for disease and insect resistance, improved nutritional quality, higher yield, and heat and drought tolerance. Collaboration between the U.S. and LDC institutions will be strengthened for the future by designating host country nationals as principal investigators at all but one LDC institution. An External Evaluation Panel will conduct an annual in-depth program evaluation. Host country training in such areas as breeding techniques, experimental design and management practices will be expanded.

Major Outputs and A.I.D. Units:	All Years Units
Self-sustaining bean and cowpea production and breeding programs	20
LDC staff trained in production and processing	175
Worldwide network for bean/cowpea research	1
Cropping systems and packages of management practices	24
Multiple disease and insect resistant varieties	80
Heat and drought tolerant varieties	20
High yielding varieties	25
Strategies for sub-regional technology transfer	20
New selection criteria for crop breeding programs	5
New germplasm sources for disease and insect resistance in beans/cowpeas added to gene bank	100
International workshops	2

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (500 person months)	$1,725
Training (190 person months)	400
Commodities	200
LDC Operating Expenses	825
Logistics	400
Other Costs	200
TOTAL	$3,750

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	13,979	10,710	3,269		
Estimated Fiscal Year 1985	3,000	2,750		7/1/85 - 6/30/86	Michigan State University
Estimated through September 30, 1985	16,979	13,460	3,519		
Proposed FY 1986	3,700	3,700		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	20,679	17,160	3,519		
Proposed FY 1987	3,750	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: John Malcolm

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars)	
Soil Management CRSP	Agriculture, Rural Development and Nutrition	FY 87 3000	LIFE OF PROJECT Continuing

NUMBER 931-1311 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE	INITIAL OBLIGATION FY 81	ESTIMATED FINAL OBLIGATION FY Continuing	ESTIMATED COMPLETION DATE OF PROJECT FY Continuing
		Technical Notification #273, Submitted 3/1/85			

Purpose: To develop economical and acceptable practices for small farmers to increase the productivity of tropical soils while protecting them from both short-term and cumulative damage and to enlarge the pool of scientists to work on soil management problems in the developing countries.

Background and Progress to Date: Previous work sponsored by A. I. D. and others has shown that tropical soils can be very productive but require specialized practices. There is an urgent need to develop soil management options for use by farmers with limited land and little money to invest.

Soil management research in three major agroecological zones is included within this program i.e., (1) humid tropics, (2) semi-arid tropics, (3) acid savannas. Critical technical problems for study are: sustaining productivity with minimum inputs, water management, lime and phosphorus requirements, nitrogen economy, erosion control and maintenance of desired soil physical properties.

Cornell, Hawaii, Texas A & M and North Carolina State U. are carrying out this research program, which includes 37 subprojects, in collaboration with LDC scientists in Brazil, Indonesia, Mali, Niger and Peru. Aluminum toxicity has been diagnosed as a potential problem in Niger, under climatic conditions where it would not be anticipated. In Brazil the acid tolerant legume mucuna has shown promise as a cover crop to suppress weeds and supply nitrogen to the succeeding crop. A rice cultivar selected from a collection made by the International Institute for Tropical Agriculture outyielded all others as a rainfed crop in the low input trials in Peru, offering hope of a better income for poor farmers developing newly cleared land. Extreme soil fertility variability, has been a problem in research in Indonesia. The problem has been overcome by extracting critical data through grid sampling, soil analysis and correlation in place of the conventional random block statistical treatment of the yield data.

Host Country and Other Donors: All host countries provide basic facilities and resources. Peru is developing additional sites, Indonesia provides matching funds for subproject costs, Niger and Brazil are expanding their activities. U.S. institutions contribute at least 25% of all research budgets. CIP, CIAT and ICRISAT are actively collaborating by providing germ plasm for research sites.

Beneficiaries: Small farmers of the tropics will benefit from the results which will provide them with information to increase yields and net income without endangering the soil resource. The professional staffs of the host countries and participating U. S. institutions will benefit by increasing their knowledge base on tropical soils.

FY 87 Program: Liming studies will examine types of lime, methods of incorporation, frequencies and rates of application with particular attention to control of aluminum toxicity. Fertility trials will be continued searching for the most economical combinations of fertilizer and alternate sources of plant nutrients at all sites. Secondary and micro-nutrients will be studied more intensively. New work in Brazil will focus on the use of legumes in rotations and in ways to enhance the nitrogen fixing capability of legume/rhizobium systems. Low input systems will be sought to provide a bridge for the small farmer between shifting cultivation and a market oriented intensive fertilizer program. Water utilization, rainfall capture and retention will be monitored and better controls devised. In Peru agroforestry will be investigated as an alternate to shifting cultivation, to provide an alternate cash crop to use family labor more efficiently, and for soil conservation.

New trials will be conducted in land clearing, especially in using mechanical clearing in Indonesia. Reclamation studies will be undertaken in Peru on degraded pastures and on eroded land. Conservation methods will be applied throughout the other trials and new combinations of techniques will be sought to minimize costly engineering approaches and sophisticated management requirements.

Major Outputs and A. I. D. Units:	All Years
Experiment sites characterized	40
Management systems devised	12
Scientists trained (500 person months)	20
Reports and publications	44

A. I. D. Financed Inputs in $000s:	FY 87
Personnel (144 person months)	1440
Logistic support	900
Training (145 person months)	435
Equipment and facilities overseas	225
TOTAL	3000

U.S. FINANCING (in thousands of dollars)

	Obligations	Expenditures	Unliquidated
Through September 30, 1984	7700	5649	2051
Estimated Fiscal Year 1985	2750	2750	
Estimated through September 30, 1985	10450	8399	2051
Proposed FY 1986	2950	2950	
Estimated through Fiscal Year 1986	13400	11349	2051
Proposed FY 1987	3000	Future Year Obligations	Estimated Total Cost
		Continuing	Continuing

Funding Period	Principal Contractors or Agencies
1/16/85 - 1/15/86	North Carolina State University Management Entity
1/16/86 - 1/15/87	Cornell University
1/16/87 - 1/15/88	University of Hawaii Texas A&M University

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Richard Neal

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Aquaculture Technology Development	Agriculture, Rural Development and Nutrition	FY 87 400	LIFE OF PROJECT Continuing
NUMBER 931-1314 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986, Annex V Centrally Funded Programs p. 34	INITIAL OBLIGATION FY 78	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To increase production and availability of fish in LDCs through improved production methods, introduction of effective management practices, and improvement of distribution and marketing systems.

Background and Progress to Date: This project, utilizing expertise developed at Auburn University under a previous 211(d) grant, supplies technical assistance and training to LDCs in aquaculture (fish farming) to increase technical and training skills and knowledge. A few examples follow: Asia - In Thailand, a cooperative program with the Department of Fisheries over a 5-year period had a significant impact on the development of local aquaculture and lake management research and extension activities. In the Philippines, major fisheries programs were developed and 32% increase in yields from brackish-water production ponds have increased fish production by the rural poor by 26%. An end of project evaluation of the Philippines project made recommendations for follow-on activities to assure maximum benefits to the country's fish farmers. A brackish water aquaculture activity assisted by Auburn in Indonesia indicated a total production increase of 56 percent as a direct result of project assistance. Latin America - A community fisheries program in Panama is utilizing hog waste from a pig fattening program to feed pond fish and then utilizing the overflow to irrigate small vegetable farms. The private sector in Jamaica became increasingly active in implementing aquaculture production enterprises ranging from 10 to 100 acres in size as a result of Auburn's technical assistance. Total fish production from aquaculture in Jamaica rose from 20 tons in 1979 to 35 tons in 1984. Africa - Three in-country training programs were held for fisheries workers in Rwanda. During the last year a fish catch assessment survey of the Niger River fishery was implemented. Data are now being collected for computer processing and subsequent analysis to develop a model to provide fishery decision makers a solid basis for management of this fishery.

Host Country and Other Donors: The State of Alabama provides the facilities for training at Auburn University. The host countries provide facilities for training/workshops, local transportation, and other support for technical assistance teams.

Beneficiaries: Beneficiaries of this project are small-scale fish farmers and low income consumers of fish and fishery products in the less developed countries.

FY 87 Program: Auburn will carry out a two week training program in aquaculture in Southeast Asia; conduct a three month intensive aquaculture training program in which the participants must raise a crop of fish, produce an aquacultural manual and quarterly newsletter; and provide short-term consultant services on a variety of technical aspects of aquaculture.

Major Outputs and A.I.D. Units:	All Years Units
Professional aquaculturists receiving graduate training	180
Professional aquaculturists receiving practical training	800
Manuals, texts and newsletters	24
Short courses	35
Consultant services	60

A.I.D. Financed Inputs in $000's:	FY 87
Personnel (140 person months)	270
Training	130
TOTAL	400

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	2546	2521	25		Auburn University
Estimated Fiscal Year 1985	360	360		1/1/85 - 12/31/85	
Estimated through September 30, 1985	2906	2881	25		
Proposed FY 1986	360	360		1/1/86 - 12/31/86	
Estimated through Fiscal Year 1986	3266	3241	25		
Proposed FY 1987	400	Future Year Obligations	Estimated Total Cost	1/1/87 - 12/31/87	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Harvey J. Hortik

TITLE	FUNCTIONAL CODE	PROPOSED OBLIGATION (in thousands of dollars)	
Storage & Processing of Fruits & Vegetables	Agriculture, Rural Development and Nutrition	FY 87 450	LIFE OF PROJECT 5,610

NUMBER 931-1323 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE Technical Notification No. 108, submitted 12/13/84	INITIAL OBLIGATION FY 80	ESTIMATED FINAL OBLIGATION FY 90	ESTIMATED COMPLETION DATE OF PROJECT FY 91

Purpose: To improve marketing, research, training and technical assistance to conserve root, tuber, fruit, vegetable and spice crops through value-adding processing and the transfer of loss reduction technologies.

Background and Progress to Date: Horticulture crops provide the basic diet for 600-800 million people. For the poor in developing countries fruit and vegetable crops may be the only source of vitamins and minerals necessary for life. When exported, high value perishables and spice crops can provide foreign exchange earnings. However, postharvest losses of 30% to 50% are common. Value-adding processing of perishable crops not only creates jobs, but reduces the need to import more costly processed foods. Adequate postharvest technology minimizes wastage of these needed foods and preserves the calories and important vitamins and minerals. Postharvest technology conserves the investment of human energy, natural resources and purchased inputs that a harvest embodies. Thus postharvest technology is a low cost corollary to production technology that strives to increase yields. Assistance in perishable loss reduction can help small farmers advance into the marketing or commercial sector of the rural economy with a higher proportion of their production. As the market volume of these products grows and as small-scale service agribusinesses develop, rural employment will increase along with the variety in the diet. Assistance has been provided for: (1) improved storage and handling practices for perishables; (2) appropriate processing systems; (3) feasibility studies for efficient marketing systems for domestic and international markets; (4) and loss assessments to pinpoint where in the postharvest food chain interventions can reduce losses significantly. Technical documentation has been provided to developing country researchers to enhance their research and design capability for improved postharvest storage, handling, packaging, and loss control for root, tuber, fruit, vegetable and spice commodities.

Host Country and Other Donors: Researchers from the Postharvest Institute for Perishables (PIP) have worked with the Asian Vegetable Research and Development Center and the International Potato Center in adaptive research and research leading to a methodology for loss assessment. These results have been incorporated in PIP's information system. PIP has developed collaborative relationships with universities in Asia and Latin America. PIP has technical exchanges with the Food and Agriculture Organization, the Association of Southeast Asian Nations Food Handling Bureau, and Volunteers in Technical Assistance. PIP cooperates with these groups and with the Asian Development Bank, World Bank, and the Peace Corps for technical assistance.

Beneficiaries: Farm families will benefit through increased net production and income, consumers will benefit through increased supply and dietary variety, and LDC governments and populace will benefit from improved nutrition and supply of perishable products, increase export potential and foreign exchange earnings.

FY 87 Program: Assistance will be provided to at least 12 developing countries in the following areas: market grades and standards, efficient transport and holding systems, improved marketing ability for domestic and export crops, new product development, improved packaging ability, loss assessment methodology, and dissemination of technical information relating to the major causes of spoilage. This program will continue to be coordinated with other multilateral development agencies and international research centers. The project will accommodate specific requests from missions for postharvest technical assistance through "buy-ins." Graduate training at the Masters level will be provided and short courses both in the U.S. and in developing countries will be given on postharvest perishable conservation technologies. Manuals and bibliographies relating to aspects of postharvest perishable technology will be developed and distributed. PIP will initiate a small research grant program to promote postharvest research with LDC research institutions.

Major Outputs and A.I.D. Units:	All Years Units
Technical responses to missions	80
Appropriate technology interventions	15
Developing country personnel trained	285
Document sharing service to LDC clients	1
Loss reduction manuals	10
International workshops	5

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (60 person months)	250
Logistics	95
Training and Others	105
TOTAL	$450

U.S. FINANCING (in thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	1,785	1,629	156		
Estimated Fiscal Year 1985	480	480		7/1/85 - 6/30/86	University of Idaho
Estimated through September 30, 1985	2,265	2,109	156		
Proposed FY 1986	400	400		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	2,665	2,509	156		
Proposed FY 1987	450	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		2,495	5,610		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: W. Phillip Warren

TITLE	FUNDS	PROPOSED OBLIGATION	LIFE OF PROJECT
Collaborative Research Support Program - CRSP - Small Ruminants	Agriculture, Rural Development and Nutrition	FY 87 4,000	Continuing

NUMBER	NEW / CONTINUING	PRIOR REFERENCE	INITIAL OBLIGATION	ESTIMATED FINAL OBLIGATION	ESTIMATED COMPLETION DATE OF PROJECT
931-1328 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	Technical Notification #273, Submitted 3/1/85	FY 79	FY Continuing	FY Continuing

Purpose: To develop institutions with a base of knowledge and manpower to improve management systems and increase production efficiency of small ruminants.

Background and Progress to Date: A.I.D. awarded a grant to the University of California/Davis, to serve as the Management Entity (ME), on September 30, 1978. This grant was completed and a new grant was awarded on October 1, 1984 to continue the program for three years. The ME manages the grant and awards subgrants to nine U.S. universities and Winrock International to conduct an integrated research program. Overseas research sites have been established in Peru, Brazil, Kenya, Indonesia, and Morocco. Research subprojects and training at these sites address problems of inadequate feed supplies, poor reproduction, cultural and economic barriers, diseases, parasites, and livestock management.

The program addresses immediate and long-term needs of host country agencies for solving constraints to small ruminant production in varied ecosystems. The limited research resources of host countries are strengthened through training, improvements in techniques, expansion of facilities, and demonstrations. Procedures established by the ME for the grantees include submission of annual work plans and budgets, reviews of these proposals, evaluations of subproject accomplishments, approval of budgets, and publication of annual progress reports.

In Northern Peru, an integrated goat project continues to receive financial support from the Canadian International Development Research Center (IDRC). In Kenya, local scientists with collaboration from CRSP scientists have made impressive progress toward the control of contagious caprine pleuropneumonia. In Morocco, prolific sheep genes have been isolated for improving reproductive capabilities. Grant progress has been evaluated annually by an independent committee, and at the completion of the first five years by subcommittes of the S&T Agricultural Sector Council and JCARD. An A.I.D. review team also examined the grant activities at the completion of four years (FY 82) and is scheduled to review the grant progress in FY 85. Reviews completed to date have recommended that the grant be continued.

Host Country and Other Donors: All host countries provide basic facilities and resources. Brazil is increasing the number of scientists collaborating in the subprojects; Peru is developing additional research sites. Indonesia provides 100% matching funds for subproject costs; Morocco is strengthening its subprojects. Kenya, Brazil and Indonesia are increasing their support to in-country subprojects even while national budgets are being reduced. Matching contributions by U.S. institutions are approximately 30% of all research budgets. The World Bank, the International Atomic Energy Commission, the IDRC and missions have also given substantial support to research subprojects.

Beneficiaries: Immediate beneficiaries are host country scientists who are expanding their capabilities for solving serious production constraints. Intermediate beneficiaries are the small-holder livestock owners who are being encouraged to use more efficient production practices and local inhabitants who will have more animal products available for consumption. The ultimate beneficiary will be the host country governments who will use less foreign exchange on the importation of animal products.

FY 1987 Program: Work will continue on the research objectives initiated in 1979 and modified from time-to-time based on recommendations by review committees and A.I.D. administrators. The publication of research reports will increase in FY 87 due to the greater accumulation of valid research results.

Major Outputs and A.I.D. Units:

	All Years Units
LDC scientists receiving graduate degrees	125
Technicians receiving on-the-job training	240
Short courses in host countries	30
Host country administrative personnel trained	18
New management systems implemented	8

A.I.D. Financed Inputs in $000s:

	FY 87
Research* (350 person months)	$2,095
Training* (412 person months)	775
Management Entity	350
Logistics**	630
Program Guidance	150
TOTAL	$4,000

*Salaries and travel
**Equipment, supplies, etc.

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	21,932	18,797	3,135		U. of CA/Davis (ME); Subgrantees: U. of MO, Texas A&M, NC State, Washington State, Texas Tech, Montana State, Colorado State, Colorado State, U. of CA, Utah State & Winrock International
Estimated Fiscal Year 1985	4,000	4,000		7/1/85 - 6/30/85	
Estimated through September 30, 1985	25,932	22,797	3,135		
Proposed FY 1986	3,950	4,000		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	29,882	26,797	3,085		
Proposed FY 1987	4,000	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Raymond Meyer

TITLE Technology of Soil Moisture Management	**FUNDS** Agriculture, Rural Development and Nutrition	**PROPOSED OBLIGATION** *(In thousands of dollars)* FY 87 1000	LIFE OF PROJECT Continuing
NUMBER 936-4021 GRANT ☒ LOAN ☐ NEW ☐ CONTINUING ☒	**PRIOR REFERENCE** Technical Notification #108, Submitted 12/13/84	INITIAL OBLIGATION FY 81	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To aid developing countries to develop a dryland soil and water management research network that will improve research planning and implementation and provide scientific interchange among participating countries, U.S. scientific communities and the international research centers.

Background and Progress to Date: The project addresses those areas where managing the soil moisture in the soil profile is the major constraint to improved crop production. The approach used is a closely integrated effort among agroclimatologists, soil physicists, and soil and water management engineers. The scientific principles of soil and water management for improved crop production are universal, but the application of these principles under the biophysical and socioeconomic conditions existing in LDCs requires the synthesis of these principles into an appropriate technology for the particular country. This requires an improved capacity of host-country institutions and professionals to diagnose and evaluate the existing constraints in the production systems, upgrade existing country research programs, initiate research on definite production problems, and adapt existing research information from other sites to actual local conditions.

This project has aided countries in defining new research programs in dryland agriculture, and in training in the use of agroclimatic and soil-water management principles in rainfed agriculture. It has also disseminated information on soil moisture technology and evaluated rainfed vs. irrigated alternatives.

This project uses expertise from, and technology developed by, International Agricultural Research Centers (IARCs), land-grant and other agricultural universities, other A.I.D. funded research including CRSPs, and the Agricultural Research Service of the U.S. Department of Agriculture (USDA/ARS).

The project is developing an effective partnership among scientists in developing countries, international agricultural research centers, and the U.S. in the resolution of problems of dryland soil and water management.

An arrangement is being institutionalized for the development and implementation of common research methodologies, research plans, data collection and interpretation methods that will permit comparison of research results across country and organizational boundaries and will accelerate a solution of common problems. A flexible mechanism is incorporated for responding quickly to needs identified by participants and to accelerate or slacken the pace of research in any given topic.

The project will enable the international agricultural research centers to work more closely with USAID missions, A.I.D. regional bureaus, U.S. universities and the Agricultural Research Service of the U.S. Department of Agriculture, and national and international research organizations on common research and development themes.

Host Country and other Donors: The project is complementary to projects of other donors. There will be close collaboration with other A.I.D. projects and IARC programs. Host countries provide staff time and facilities.

Beneficiaries: LDC farmers in semiarid regions will benefit directly through improved production. LDCs in semiarid regions will benefit through a more stable and productive agriculture resulting in a more stable economic base.

FY 87 Program: Two research planning workshops will be conducted to plan common research methodology on specific constraints. Two baseline studies will be initiated on specific research topics such as phosphate water relationships, tillage, or agroclimatology.

Major Outputs and A.I.D. Units:	All Years Units
Constraint analysis of existing country rainfed technology	12
Problem-solving approach developed to soil moisture constraints	20
Data bases, research areas	6
Handbooks, field guides	8
Field support, advisory, consulting (months)	120

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (48 person months)	480
Logistics	360
Other costs	160
TOTAL	1000

U.S. FINANCING *(In thousands of dollars)*

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	1150	900	250		
Estimated Fiscal Year 1985	805	805		9/30/85 - 9/29/86	
Estimated through September 30, 1985	1955	1705	250		USDA/OICD/ARS
Proposed FY 1986	900	900		9/30/86 - 9/29/87	
Estimated through Fiscal Year 1986	2855	2605	250		
Proposed FY 1987	1000	**Future Year Obligations**	**Estimated Total Cost**	9/30/87 - 9/29/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Richard Neal

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)		
CRSP - Pond Dynamics	Agriculture, Rural Development and Nutrition	FY 87 1300	LIFE OF PROJECT	Continuing

NUMBER 936-4023 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE Technical Notification #108, Submitted 12/13/84	INITIAL OBLIGATION FY 82	ESTIMATED FINAL OBLIGATION FY Continuing	ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To improve the efficiency of pond culture systems by bringing together the resources of LDC and U.S. institutions to conduct a long-term comprehensive collaborative research program in pond aquaculture.

Background and Progress to Date: This CRSP was established in response to a recommendation made by the Joint Research Committee (JRC) of the Board for International Food and Agricultural Development (BIFAD).

In recommending an Aquaculture CRSP, the JRC recognized that the vast potential for producing animal protein in pond culture systems has not been fully realized in LDCs. Many successful experiences of high yields with minimal inputs are documented. However, attempts to replicate the most successful and efficient systems have resulted in highly variable levels of production. Limited understanding of the principles and mechanisms of pond culture systems is a major factor constraining aquaculture production in LDCs.

Under this project, physical, chemical, and biological mechanisms regulating the productivity of pond culture systems are being studied in a continuing series of field experiments conducted in each of the participating host countries. The six countries are: Thailand, Indonesia, Philippines, Panama, Honduras and Rwanda. Experiments are conducted using a standardized statistical design in each country and, insofar as practicable, investigating the same experimental treatments. A typical experiment involves investigation of three to five standard levels of treatment with three to four replicates of each. In each type of system investigated, the design further permits partitioning the variance of system performance into general and site specific components. The field sites have been providing data through a data management program to Oregon State University where they are entered into a computer program for the development of a model for fish production in pond systems.

Host Country and Other Donors: All collaborating LDC institutions provide personnel and facilities for conducting research in their respective countries. The participating U.S. universities will provide a minimum of 25% of the A.I.D. budget in matching funds.

Beneficiaries: Primary beneficiaries are small scale fish farmers in LDCs and low income consumers who will have access to increased quantities of low-priced fish.

FY 87 Program: Researchers will continue to develop techniques to increase the production of aquacultural systems and to document these techniques for dissemination to LDCs. Research encompassing physiochemical studies of pond environment, biological studies, nutrient flow, energy dynamics, and pond simulation models in the six countries included in the program will continue. In addition, country-specific research activities will be initiated to address problems/situations unique to fish pond production in each of the six countries.

Major Outputs:	All Years
Results will be obtained to increase production in the following aquacultural systems:	
Small low intensity tropical pond systems	6
Cooler water tropical pond systems	6
Brackish water pond systems	12
High intensity tropical pond systems	5

A.I.D. Financed Inputs in $000's:	FY 87
Personnel (170 person months)	900
Logistics	200
Subgrants	200
TOTAL	1300

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30 1984	1950	1300	650		Oregon State University
Estimated Fiscal Year 1985	1300	1300		4/1/85 - 3/31/85	
Estimated through September 30 1985	3250	2600	650		
Proposed FY 1986	1300	1300		4/1/86 - 3/31/87	
Estimated through Fiscal Year 1986	4550	3900	650		
Proposed [illegible]	1300	Future Year Obligations	Estimated Total Cost	4/1/87 - 3/31/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Richard Neal

TITLE	FUNDS	PROPOSED OBLIGATION *(In thousands of dollars)*	
Fisheries Development Support Services	Agriculture, Rural Development and Nutrition	FY 87 300	LIFE OF PROJECT Continuing
NUMBER 936-4004 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86, Annex V Centrally Funded Programs p. 34	INITIAL OBLIGATION FY 82	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To increase the quantity, quality and variety of fish available for consumption, and to increase income and employment for small-scale fishermen in less developed countries (LDCs).

Background and Progress to Date: The importance of fisheries to supplies of high protein foods has long been recognized. In many LDCs, fish products represent a significant part of animal protein consumed. In certain localized situations in Asia and Africa, these levels approach 50 percent. Areas that are capable of sustaining greater fishing effort can benefit from improved capture methods and management techniques. In the tropics, over 50 percent of the fish harvested from the sea may be lost due to spoilage or pest attack. Innovative methods for postharvest utilization and distribution can drastically reduce this unnecessary waste and increase the supply of animal protein available for human consumption. This is especially significant for small-scale fishermen who represent the poorest of the poor in many LDCs, and who produce the bulk of fish consumed domestically. Approximately 96 percent of the fish consumed by the poor in LDCs are "wild" fish, caught in the ocean, rivers, streams and lakes.

This project is carried out through a Cooperative Agreement with the University of Rhode Island - International Center for Marine Resource and Development.

During the first three years of this project, the Center developed a fishery information service that provided 43 researched responses to LDCs, distributed 2703 documents to 53 countries, printed and distributed a quarterly newsletter, printed and distributed a publications list, maintained publication exchanges with 140 fisheries agencies worldwide, and published "A Guide for the Small Scale Fishery Administrator: Information from the Harvest Sector." Technical assistance in project development was provided to USAID. Assistance was provided to Ecuador and Indonesia in missions in Djibouti, Honduras, Sri Lanka and Barbados, as well as to the Africa Bureau. In addition to 28 students from the Philippines, Indonesia and Guinea Bissau who have received non-degree training, 24 students from 18 LDCs are currently enrolled in fisheries-related degree programs.

Host Country and Other Donors: LDCs provide local facilities, equipment and services in support of the fisheries specialists.

Beneficiaries: Beneficiaries of this project are small scale fishermen, fishing communities and low income consumers of fish; as well as the fishery ministries and departments of LDCs.

FY 87 Program: Continue activities to maintain a resource center providing advisory and consulting services, training of 40 students, applied research projects, technical assistance, and information to LDC fisheries institutions on request.

Major Outputs:	All Years
Technical assistance consultancies	120
Persons trained: (graduate)	88
(short-term)	710
Information dissemination responses	12500
Training manuals, publications, reports & newsletters	150
Seminars, conferences, and planning sessions	22

A.I.D. Financed Inputs:	FY 87
Personnel (50 person months)	210
Logistics	30
Training (140 person months)	40
Other costs	20
Total	300

U.S. FINANCING *(In thousands of dollars)*

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	885	585	300		University of Rhode Island
Estimated Fiscal Year 1985	-	300		7/1/85 - 6/30/86	
Estimated through September 30, 1985	885	885	-0-		
Proposed FY 1986	300	300		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	1185	1185	-0-		
Proposed FY 1987	300	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Loren Schulze

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Collaborative Research Support Program - CRSP - Peanuts	Agriculture, Rural Development and Nutrition	FY 87 2,400	LIFE OF PROJECT Continuing

NUMBER 936-4048 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986 Annex V, Centrally Funded Programs, p. 34	INITIAL OBLIGATION FY 82	ESTIMATED FINAL OBLIGATION FY Continuing	ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To increase peanut production and utilization and improve research capability in LDCs through cooperative research between U.S. and LDC institutions.

Background and Progress to Date: Peanuts are one of the basic food legume crops consumed by the poorest segment of the populations in Africa and Asia. This project has developed cooperative relationships between U.S. and LDC institutions and the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) to attack constraints to increased production and utilization of peanuts. The project is designed to: 1) expand the body of knowledge on peanuts as part of small farmer production systems; 2) develop and test appropriate technologies and practices to improve productivity of principal production systems; 3) expand the level of competence of 20 LDC scientists to conduct research on peanut production systems through academic and on-the-job training; and 4) improve peanut production capability in developing countries through the introduction and adoption of higher yielding, disease and insect resistant cultivars and improved technology. Research programs are focusing on breeding and varietal improvement; cultural practices; disease, insect and mycotoxin management; soil microbiology; and food product storage, development and utilization.

Some early achievements are: (1) identification of high yielding and disease and insect resistant breeding materials in nine host country programs; (2) reciprocal introduction of breeding materials into U.S. breeding programs; assessment of the type and extent of disease, insect, and mycotoxin problems present in the host countries; (3) on-site testing in host country of a simple process to remove aflatoxin from crude peanut oil with the initiation of studies on peanut storage, product improvement and development; (4) completion of development and pretesting of surveys to determine peanut consumption designed to guide future product development; (5) identification of strains of mycorrhizae growing in combination with peanuts and initiated studies to determine the effects of mycorrhizae on peanut yield; (6) demonstration of positive host/strain interaction with certain peanut/rhizobia combinations and degree oriented study tours in the U.S. and at ICRISAT for several host country researchers; (7) confirmation of the causal agents for the rosette virus and the development of a method to detect the rosette virus without long-term growth and transfer.

Host Country and Other Donors: LDC institutions provide personnel and facilities for conducting research in their respective countries.

Beneficiaries: LDC peanut research and production programs and the LDC farmer and urban poor will be ultimate beneficiaries.

FY 87 Program: Activities will be continued on applied research problems dealing with solving constraints to increased production and utilization of peanuts, development of improved varieties; and peanut products.

Major Outputs and A.I.D. Units:	All Years Units
Self-sustaining peanut production and breeding programs	8
LDC staff trained in production and processing	200
Worldwide network for peanut research	1
Cropping systems and packages of management practices	8
Multiple disease and insect varieties	10
Communication strategies for technology transfer	8
New selection criteria for crop breeding programs	8
High yielding varieties	15
New germplasm sources for disease and insect resistance in peanuts	8

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (312 person months)	936
Logistic Support	480
Training (211 person months)	528
Equipment and facilities	312
Other costs	144
TOTAL	$2,400

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	4,379	2,675	1,704		University of Georgia,
Estimated Fiscal Year 1985	-0-	1,680		7/1/85 - 6/30/86	Texas A&M
Estimated through September 30, 1985	4,379	4,355	24		Alabama A&M
Proposed FY 1986	2,400	2,100		7/1/86 - 6/30/87	North Carolina State
Estimated through Fiscal Year 1986	6,779	6,455	324		
	2,400	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Tejpal Gill

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)		
International Benchmark Sites Network	Agriculture, Rural Development and Nutrition	FY 87 1000		LIFE OF PROJECT 9930
NUMBER 936-4054 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86 Annex V Centrally Funded Programs p. 34	INITIAL OBLIGATION FY 82	ESTIMATED FINAL OBLIGATION FY 89	ESTIMATED COMPLETION DATE OF PROJECT FY 90

Purpose: To integrate scientific knowledge of agricultural production through computer modelling into systems that optimize resource management and facilitate the transfer of technology in the tropics and subtropics.

Background and Progress to Date: Although the largest part of the world's as yet unexploited or underutilized arable land is located in the tropics or subtropics, those countries are nonetheless likely to experience food shortages of major proportions. However, knowledge about the management of tropical land resources for the production of food and fiber has increased dramatically in recent decades through the work of the national and international agricultural research centers. Unfortunately, the development of mechanisms for the efficient diffusion of agroproduction technology to the farmer has lagged behind the knowledge-generation process. This is particularly crucial for countries which lack the capital and human resources to establish strong national research programs or cannot delay agricultural development until their own research has yielded useful results. The International Benchmark Sites Network for Agrotechnology Transfer (IBSNAT) consists of a group of 20 cooperating and collaborating agricultural research centers, as a prototype network, to generate the data base for the development of crop performance prediction models and test their validity. The worldwide cluster of research stations has agreed to support the research effort, both financially and technically. These stations represent the dominant agroecological zones and the main types of soils of the tropics and subtropics. Data for IBSNAT comes from detailed soil, climate and site characterization, and agronomic research. The stations conduct experiments especially designed to create the data base needed for establishing the relationships between site characteristics (soil, climate, etc.), crop requirements, and performance under various levels of management inputs. The project sponsored a symposium on "Minimum Data Sets for Agrotechnology Transfer" during 1983 and another in 1984. Memoranda of understanding have been developed as the basis for collaboration between the contractor and the research stations. Standardized equipment to gather data is gradually being installed at all sites. Uniform procedures for experiment studies have been developed. One training session was completed; others are being planned.

Host Country and Other Donors: ICRISAT, CATIE, ACSAD, CIP and national centers from Panama, Venezuela, Philippines, Indonesia, Thailand, Pakistan, Taiwan, Fiji and South Pacific, Guam and North Pacific, Burundi and Cameroon are the collaborators in this project. Australia, New Zealand and U. S. (USDA) will also collaborate in the area of crop modelling.

Beneficiaries: National and international research organizations benefit from network participation and information sharing. Ultimate beneficiaries will be the tropical farmers and consumers.

FY 1987 Program: "Minimum Data Sets" for crop modelling and model validation will be generated at 15 sites. Data will be processed and analysed statistically. Two training courses will be held in computer simulation of crop response under various management and environmental conditions. Models will be tested against two specific country problems.

Major Outputs and A.I.D. Units	All Years Units
Soil and climatic data of agricultural centers	25
Crop response data from respective centers	25
Data bank (data storage and retrieval)	1
Training packages	5
Training workshops	5
Persons trained	50
Publications	20

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (125 per month)	400
Logistic	200
Training	200
Commodities	100
Other	100
TOTAL	1000

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	2500	1500	1000		
Estimated Fiscal Year 1985	1000	1000		9/1/85 - 8/31/86	
Estimated through September 30, 1985	3500	2500	1000		
Proposed FY 1986	800	1000		9/1/86 - 8/31/87	University of Hawaii
Estimated through Fiscal Year 1986	4300	3500	800		
Proposed FY 1987	1000	Future Year Obligations	Estimated Total Cost	9/1/87 - 8/31/88	
		4630	9930		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER W. Phillip Warren

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Host Resistance/Integrated Tick Control Research	Agriculture, Rural Development and Nutrition	FY 87: 300	LIFE OF PROJECT: 1,450

NUMBER 936-4083 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86, Annex V, Centrally Funded Programs, p. 34	INITIAL OBLIGATION FY 83	ESTIMATED FINAL OBLIGATION FY 88	ESTIMATED COMPLETION DATE OF PROJECT FY 89

Purpose: To develop a system to protect cattle against East Coast Fever (Theileriosis) which is transmitted by ticks.

Background and Progress to Date: East Coast Fever (ECF) is an acute disease of cattle in East, Central and South Africa which is estimated to cause losses of over $100 million per year to African livestock producers. The disease is transmitted by ticks. It has been recorded that animals exposed to tick infestation acquire a resistance which greatly reduces the ticks' ability to feed on them. Recent research on ticks and ECF in East Africa indicates that a methodology to render cattle resistant to tick infestation, and hence protect them against ECF, is possible.

The International Center for Insect Physiology and Ecology (ICIPE) has initiated studies to develop an integrated method for controlling ticks and thus eliminating tick-borne diseases. Trials have been designed to test methods for identifying tick-resistant cattle and to determine the factors that provide the animals with immunity to ticks. The effects of this tick immunity factor on disease transmission have been demonstrated in previous observations. The establishment of sound control methods for ECF, via a tick-resistant factor or factors, will be a major entomological breakthrough and could be applicable for tick control on a worldwide basis. This tick population control method could be extended to control other diseases transmitted by ticks in all classes of livestock. Controlling tick infestation would permit major gains in livestock production.

Host Country and Other Donors: ICIPE collaborates on this research with the International Laboratory for Research on Animal Diseases (ILRAD) and the Kenyan Veterinary Research Department at Maguga. Other donor support to the ICIPE tick projects includes: the United Nations Development Program, Swiss Development Corporation and the European Economic Community.

Beneficiaries: Beneficiaries will be all owners of cattle in the regions where ECF is endemic. This project will have a direct impact on virtually all owners of cattle and consumers in 30 countries of Africa. A potential outcome is the development of tick control systems for worldwide application.

FY 87 Program: As a follow up to previous research on the physiology and ecology of ticks, the immunological component proposed will determine whether cattle can be immunized against ticks. Activities for FY 87 will focus on field testing with different levels of exposure to ticks and using different breeds of cattle.

Major Outputs and A.I.D. Units:	All Years Units
Develop vaccine	1
Produce cattle resistant to tick infestation (Herds)	1
Develop disease diagnostic procedures and reagents	2

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (192 person months)	$ 204
Laboratory and services	78
Field station maintenance, etc.	18
TOTAL	$ 300

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	850	425	425		International Center for Insect Physiology & Ecology (ICIPE)
Estimated Fiscal Year 1985	300	300		7/1/85 - 6/30/86	
Estimated through September 30, 1985	950	725	125		
Proposed FY 1986	300	300		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	1,150	1,025	125		
[illegible]	300	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		-0-	1,450		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Ernesto C. Lucas

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Agricultural Policy Analysis	Agriculture, Rural Development and Nutrition	FY 87 1500	LIFE OF PROJECT 7,370
NUMBER 936-4084 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986 Annex V, Centrally Funded Programs, p. 34	INITIAL OBLIGATION FY 83	ESTIMATED FINAL OBLIGATION FY 88 / ESTIMATED COMPLETION DATE OF PROJECT FY 89

Purpose: To improve knowledge and understanding of LDC decision-makers about key policy issues and constraints affecting agricultural and rural development in LDCs.

Background and Progress to Date: Agricultural policy is important to A.I.D. for two reasons. Policies of the host country are often crucial to the success or failure of A.I.D. funded agricultural projects. On a larger scale, importantly, these policies are very significant determinants of the performance of LDC economies, which are usually dominated by agriculture.

While the need for appropriate policies is indisputable, formulating appropriate policies in each country is more difficult. A.I.D. can help the LDCs do a better job analyzing their own policies and planning agricultural development. This means working with and assisting LDC economists, other social scientists and other professionals to analyze their policies, devise policy changes when appropriate, and effectively implement these policies. This project addresses agricultural policy questions as well as provides assistance to selected countries to strengthen agricultural policy analysis and planning systems.

Technical assistance for analysis of agricultural policies, project design and evaluation have been provided to twenty-seven countries which generated $680,000 in mission buy-ins. About half of the forty-five consultants used have come from the private sector and half from state universities.

Workshops have been conducted in Liberia and in the Dominican Republic as well as in the Economic Community of West African States.

Drafts of Agricultural Officers Guidelines have been completed. The computerized roster of policy experts is being tested and the writing of Agricultural Policy Analysis Guidelines and Policy Evaluation is continuing through FY 86.

Host Country and Other Donors: Host countries contribute to the project cost by providing professional counterparts and facilities, short-term consultants and design teams. Other donors, like the World Bank and its regional affiliates, have developed and are implementing relatively large scale projects designed to provide financial support to LDC agricultural sector planning entities. A specific example is the Organization of American States, which through its Inter-American Institute of Agricultural Sciences, has established and will maintain an agricultural sector planning network for the Latin American and Caribbean Region.

Beneficiaries: Ultimately, farmers and consumers in the less developed countries will benefit from better performance of the agricultural sector. LDC agricultural and planning ministries will be the immediate beneficiaries.

FY 87 Program: Conduct analyses of agricultural policies, design or evaluate USAID projects, conduct workshops for policy analysts in two LDCs, and provide technical assistance to ongoing policy analysis activities in four countries. Complete Policy Analysis Guidelines and Comparative Evaluation of Policy Projects.

Major Outputs and A.I.D. Units:	All Years Units
Analyses of agricultural policies	14
Project design and evaluation	19
Workshops	12
Technical assistance to ongoing policy analysis activities	18

A.I.D. Financed Inputs in $000s:	FY 87
Personnel	$1,200
Materials	200
Other	100
Total	$1,500

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	1790	1297	493		
Estimated Fiscal Year 1985	1205	1050		10/1/84 - 9/30/85	Abt Associates
Estimated through September 30, 1985	2995	2347	648		
Proposed FY 1986	1400	1050		10/1/85 - 9/30/86	
Estimated through Fiscal Year 1986	4395	3397	998		
Proposed FY 1987	1500	Future Year Obligations	Estimated Total Cost	10/1/86 - 9/30/87	
		1475	7370		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Donald Osburn

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)		
Farming Systems Support	Agriculture, Rural Development and Nutrition	FY 87: 700	LIFE OF PROJECT: 7,888	
NUMBER 936-4099 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 1986 Annex V, Centrally Funded Programs, p. 34	INITIAL OBLIGATION FY 82	ESTIMATED FINAL OBLIGATION FY 87	ESTIMATED COMPLETION DATE OF PROJECT FY 88

Purpose: To support the improved design, implementation and evaluation of farming systems research and extension (FSR/E) activities.

Background and Progress to Date: Increasing attention has been focused on the role of small producers in the process of national development. Providing more appropriate technologies to small farmers promises great returns in increased food production. In order to assist small farmers more effectively, improved technologies must be adapted not only to the agro-ecological environments of these farmers but also to their particular socio-economic circumstances. In response to these concerns FSR/E has evolved in many countries and institutions. FSR/E is an approach to agricultural research and technology generation that examines resource use alternatives from the perspective of the whole farm operation rather than looking at just biological responses within the farm field. It is designed to increase the productivity and income of limited-resource farmers.

Under this cooperative agreement, the University of Florida has established working relationships with twelve other universities and four private sector firms. These universities and firms collaborate with the University of Florida in the delivery of technical assistance, training, and networking support services to developing country farming systems programs. At present, support activities are being carried out in Africa and Latin America.

By the end of FY 85, the following activities will have been completed: twelve networking workshops, project design in eight countries, short-term training in sixteen countries, eight project evaluations, one farming systems bibliography, and definition of an initial support program for Asia. Training, technical assistance and networking activities have been conducted jointly with the International Institute for Tropical Agriculture (IITA), the International Maize and Wheat Improvement Center (CIMMYT), the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), the Inter-American Institute for Cooperation on Agriculture (IICA), and the Tropical Agriculture Research and Training Center (CATIE). Through technical assistance and training activities in Paraguay, the project brought national agricultural research and extension organizations together in support of small farmers.

Host Country and Other Donors: The project enhances national agricultural research and extension organizations to improve small farmer welfare and agricultural development by enabling them to develop technology suited to local small farm needs. Host countries will jointly sponsor training and networking activities.

Beneficiaries: The ultimate beneficiaries are the small farmers whose farm production, income, and family welfare will be enhanced by their adoption of improved agricultural practices that harmonize with their socio- agro- economic family production system.

FY 87 Program: Project activities will strengthen the capacity of developing country agricultural research and extension organizations to perform farming systems research by focusing on methodological constraints. (1) Technical assistance will be provided to countries in Africa, Asia, and Latin America. (2) Six practitioner and administrator training workshops will be held. (3) Seven regional research implementation methodology or results workshops will be held, (4) Four newsletter issues will be published. (5) One annotated farming systems bibliography will be published.

Major Outputs and A.I.D. Units:	All Years Units
Projects assisted (design, implementation support, evaluation)	50
Field guidelines	5
Workshops	23
Training courses	24
Newsletter	19
Annotated bibliographies	5
Documentation center	1

A.I.D. Financed Inputs in $000s: (FY 87)	S&T	Mission	Total
Personnel (40 person months)	200	200	400
Logistics	150	200	350
Training (70 person months)	274	400	674
Publications	76	-0-	76
Total	700	800	1500

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	3842	2477	1365		University of Florida
Estimated Fiscal Year 1985	1200	1800		10/1/85 - 5/31/86	
Estimated through September 30, 1985	5042	4277	765		
Proposed FY 1986	680	1445		6/1/86 - 11/30/86	
Estimated through Fiscal Year 1986	5722	5722	0		
Proposed FY 1987	700	Future Year Obligations	Estimated Total Cost	12/31/86 - 9/30/87	
		1466	7888		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Jackson

TITLE: Agricultural Technology Research & Development	FUNDS: Agriculture, Rural Development and Nutrition	PROPOSED OBLIGATION (In thousands of dollars) FY 87 1,100		LIFE OF PROJECT: Continuing	
NUMBER: 936-4109 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 1986 Annex V, Centrally Funded Programs, p. 34	INITIAL OBLIGATION FY 81	ESTIMATED FINAL OBLIGATION FY Continuing	ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To provide technical/professional backstopping to regional bureaus, missions, and LDCs in the fields of crop production, utilization technology, livestock production and management, pest management, proper pesticide usage, development and distribution of plant seed, plant parts and rhizobium species for adaptation research in LDCs.

Background and Progress to Date: This project is a continuation of five earlier projects (Livestock Production Capability, Pest Management Capability, Crop Production and Utilization Technical Assistance, World Rhizobium Collection, and Plant and Seed Materials). Those projects provided expertise and biological materials to regional bureaus, A.I.D. missions, and LDC country programs worldwide. The expertise made available under these projects have helped to solve LDC crop, poultry and livestock production problems and assisted with project design and evaluation. This project uses expertise from several of the U.S. Department of Agriculture's branches, primarily the Agriculture Research Service, and the Animal and Plant Inspection Service. It also draws on the knowledge, technology, and breeding materials developed under A.I.D. funded research grants/contracts with universities, and International Agricultural Research Centers to assist LDC farmers increase farm productivity and farm incomes. FY 84, the Plant and Seed Materials activity distributed 3,901 items to 36 foreign countries. Oilseed species comprised 75% of the shipments. The remaining 25% were cereal, fiber, forage, fruit, nut and vegetable species. Rhizobial collection now has nearly 3,000 strains. Characterization and evaluations are continuing. By request in 1984, 614 cultures were sent to 24 countries. Materials provided included seeds, peat and antisera, together with information and literature. Records are transferred to computer and technical support provided for West African Microbiological Resources Center in Senegal. Pest management activities include provision of a full-time plant pathologist with expertise in tropical fruits. Material assistance has been provided by the project in research networking, including activities on coffee, banana, cocoa, cassava, and mango pest problems. Livestock specialists have provided technical assistance to evaluate livestock production and animal health research proposals. Livestock technical expertise has been used to provide advice on livestock minerals research and project development.

Host Country and Other Donors: The host countries will provide various levels of support services for office space, laboratory and field facilities.

Beneficiaries: Scientists, extension personnel and small farmers in LDCs worldwide.

FY 87 Program: Continue technical support for the Office of Agriculture, Bureau for Science and Technology (S&T/AGR), regional bureaus and missions. Expertise in all phases of livestock development, including feeding, breeding, disease control, herd management and marketing will be provided upon request. Assistance is available for development of integrated pest management policy and programs. The pesticide information system can assist in the selection and recommendation of environmentally safe pesticides under A.I.D. Regulation 16. Technical assistance is available for all phases of crop production and utilization. Experimental testing and development of plant seed, plant parts and rhizobium species will continue. In-country training programs, workshops, and seminars will be provided by the project. Two livestock specialists, two pest management specialists and one plant pathologist will be provided to S&T/AGR/AP.

Major Outputs and A.I.D. Inputs:	All Years Units
Assistance to missions, regional bureaus or country programs (project design & evaluation and technical backstopping)	33
Analytical and field testing support	3
In-service training of LDC personnel	16
Training (short courses & workshops)	15
Publications	75
Monitoring of S&T livestock & crop related projects (projects/year)	8

A.I.D. Financed Inputs $000s:	FY c/
Personnel (62 person months)	$375
Travel	120
Consultants	155
Workshops & small activities	200
Operations	250
TOTAL	$1,100

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	3,239	2,007	1,232		U.S. Department of Agriculture
Estimated Fiscal Year 1985	601	1,000		10/1/85 - 9/30/86	
Estimated through September 30, 1985	3,840	3,007	833		
Proposed FY 1986	1,140	1,000		10/1/86 - 9/30/87	
Estimated through Fiscal Year 1986	4,980	4,007	973		
Proposed FY 1987	1,100	Future Year Obligations	Estimated Total Cost	10/1/87 - 9/30/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Bertram

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars)	
International Agricultural Research Centers	Agriculuture, Rural Development and Nutrition	FY 87 2000	LIFE OF PROJECT Continuing
NUMBER 936-4111 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86 Annex V, Centrally funded Programs, p. 34	INITIAL OBLIGATION FY 88	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To generate, through research, urgently needed technology for increasing production of the major food crops and livestock in developing countries.

Background and Progress to Date: This program includes 12 international agricultural research centers (IARCs) and programs which are supported through the Consultative Group on International Agricultural Research (CGIAR). The IARCs link with LDC national research programs to form a key element in a global research network to supply the improved technology needed to expand food production. A.I.D. and other CGIAR members have encouraged the IARCs to focus on the problems of small farmers and poor consumers. The IARCs are now giving greater emphasis to the less favored production areas in the developing nations.

CGIAR is an organization of donors that coordinates funding and provides program guidance to the IARCs under its aegis. CGIAR was established in 1971 and first coordinated funding in 1972. Total contributions were $120 million in 1972 and rose to about $173 million in 1984. A.I.D. helped establish CGIAR and has provided about 25% of its total annual funding.

In 1979 the United States and other major donors of the CGIAR agreed to try to finance a forward plan for the IARCs that would hold the other centers to a three percent real growth, complete the currently developing centers, and take up some additional high priority activities. It has not been possible to attain these growth rates partly due to high rates of inflation and unfavorable exchange rates. Thus, the older centers have been held to little or no growth in real terms (some have experienced a decrease) and newer centers have not had adequate funds to complete their development.

Total core funding provided to the CGIAR centers in 1985 was $45.43 million. This amount was allocated among individual centers as follows (in millions of dollars): IRRI, 5.94; CIMMYT, 6.27; IITA, 6.24; CIAT, 5.54; CIP, 2.3; ICRISAT, 4.815; ILRAD, 2.49; ILCA, 3.175; ICARDA, 5.46; IFPRI, 1.4; IBPGR, 0.9; and ISNAR, 0.9. The proportion of the total core budget of each center funded by A.I.D. was expected to range from 20 to 30%. Another CGIAR sponsored activity, the West Africa Rice Development Association (WARDA) receives no support from the S&T Bureau.

The total value of system funding is strongly influenced by the exchange rate of the dollar. Current estimates of total contributions in 1986 and 1987, assuming little change in exchange rates, are $190 million and $200 million respectively. Thus for 1987, 25% would be approximately $50 million. The proposed amount is $49.9 million. The budget for the CGIAR centers has been shifted to the PPC Bureau budget to reflect the agency-wide nature of the support. The budget for the non-CGIAR centers and related activities is $ 2.0 million for 1987, and remains in S&T/AGR.

Individual CGIAR centers, their locations, year of establishment, major research programs, and some accomplishments are listed below.

International Rice Research Institute (IRRI), Philippines 1960, rice and rice-based cropping systems. IRRI works with national research programs to develop high-yielding varieties specifically adapted to rice growing areas in the developing world. In 1982-83, these varieties covered more than 89 million acres in the non-communist LDC's, or about 41% of the total rice acreage in these countries. A high degree of farmer acceptance has resulted from the tolerance of these varieties to adverse growing conditions (flood, drought, acid soils), insect pests, and diseases. Twelve IRRI breeding lines were named and released by nine national rice improvement programs in 1983. IRRI's research program has also shown considerable flexibility in responding to critical needs of certain areas. For example, in 1982, when plant hopper resistance was overcome in Indonesia, IRRI identified and airlifted 21 tons of seed of a new resistant variety to the area, thus preventing serious crop losses. The center's cooperative efforts with national programs include all aspects of rice research: breeding, agronomy, farming systems, training and economic analysis. Increased rice productivity has been recorded in many countries as a result. Other joint programs, such as the collaborative hybrid rice research program with the People's Republic of China, hold significant promise to further yield increases. 936-4111.02

International Maize and Wheat Improvement Center (CIMMYT), Mexico, 1964, corn and wheat, also barley and triticale (a wheat and rye cross). In 1982-83 more than 104 million acres of wheat in developing countries (more than 61% of the total) were planted to CIMMYT-derived high yielding varieties. In the same year, CIMMYT improved wheat germplasm was released in more than fifteen countries. CIMMYT also conducts research programs in triticale and barley, both of which play important roles in certain areas where wheat production may be difficult. Important areas of research in the wheat program include: disease resistance, stress tolerance (drought, cold, aluminum toxicity), and the development of hulless barleys. The maize program produces varieties adapted to all

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	305506	305206	300		
Estimated Fiscal Year 1985 1/	2200	2200		1/1/85 - 12/31/85	IIRI, CIMMYT, IITA, CIP, CIAT, ICRISAT, ILCA, ICARDA, IFPRI, WARDA, IBPGR, ISNAR, AVRDC, ILRAD, IIMI
Estimated through September 30 1985	307706	307406	300		
Proposed FY 1986	1720	1720		1/1/86 - 12/31/86	
Estimated through Fiscal Year 1986	309426	309126			
Proposed FY 1987	2000	Future Year Obligations	Estimated Total Cost	1/1/87 - 12/31/87	
		Continuing	Continuing		

1/ As of [illegible] budget for the CGIAR centers appears [illegible] budget.

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Bertram

TITLE	FUNDS
International Agricultural Research Centers	
NUMBER 936-4111 GRANT ☐ LOAN ☐ / NEW ☐ CONTINUING ☐	PRIOR REFERENCE

PROPOSED OBLIGATION (in thousands of dollars)

FY 87		LIFE OF PROJECT
INITIAL OBLIGATION FY	ESTIMATED FINAL OBLIGATION FY	ESTIMATED COMPLETION DATE OF PROJECT FY

tropical and subtropical areas. CIMMYT-based maize varieties cover more than 5 million ha in some 22 countries. The breeding program has made substantial progress in recent years, and as a result the spread of CIMMYT maize germplasm is accelerating. The program develops shorter, earlier maturing varieties, which show good insect and disease resistance. In addition to grain yield, research is also conducted in the areas of nutritional quality and protein content. High lysine corn varieties now yield as much as normal varieties; these are being released by the national programs at an increasing rate. 936-4111.01

International Institute of Tropical Agriculture (IITA), Nigeria, 1967, cowpeas, yams, cassava, maize, rice and farming systems. IITA addresses the problems of agriculture and cropping systems in subhumid tropical areas of Africa. New minimum and no-tillage production systems have been developed which help reduce both energy use and soil erosion. IITA breeding programs work on improving yield, quality, and resistance to insects and diseases. High-yield, early maturing cowpea varieties have been released in 9 countries, and are being tested in some 20 others. IITA white maize varieties cover large areas in Nigeria and Cameroon and exhibit broad-based resistance to maize streak, an important corn disease in Africa. Yam varieties resistant to major pests have been developed, and new virus-free cassava varieties are resistant to major diseases. IITA has developed biological control methods to combat mealybug and green spider mite on cassava, which together account for losses amounting to 1.8 billion dollars per year, adversely affecting Africa's poorest farmers and consumers. IITA coordinates its rice research program with other centers working in Africa, Asia and South America. IITA farming systems collaboration has been invited by many countries. Appropriate technology featuring energy efficient machines and tools has been adopted in more than 30 developing countries. 936-4111.03

International Center for Tropical Agriculture (CIAT) Colombia, 1968, beans, forage, cassava, rice and maize. CIAT's breeding program has produced greatly improved varieties of the common bean, an important protein source in the diets of rural and urban poor in Latin America and Africa. New varieties give higher yields and show greater resistance to insects and diseases. 30 CIAT bean varieties have been released in 11 Latin American countries, and several have recently been released in central Africa. Researchers are also working to increase the nitrogen fixation capability of beans, which would reduce fertilizer requirements and increase farmer income. Since 1979, more than 50 rice varieties based on CIAT lines have been released by 15 Latin American national research programs. More than 70% of all rice land in Latin America outside of Brazil is now planted with modern improved varieties. Agronomic research at CIAT has developed improved cultural methods for cassava which result in 50% higher farm yields. CIAT has also developed new ways of handling and processing cassava which will allow farmers to market more of their production, and increase supplies available to urban consumers. CIAT's pasture-related activities include release of improved, acid tolerant forage varieties. New CIAT pasture grass varieties were released in Brazil and Colombia in 1982; releases were made in three other countries in 1983. 936-4111.04

International Potato Center (CIP), Peru, 1972, white (Irish) potatoes. CIP is conducting its work on potato propagation using "true seed" rather than tubers. This technology is expected to revolutionize potato production, and greatly facilitate the control of disease. Breeding research at the center develops new clones of potatoes adapted to the lowland tropics, and to cool, highland areas. 24 CIP-developed potato lines have been released in six Latin American, three African, and two Asian countries. CIP also develops and disseminates potato production and storage technology; its diffuse-light tuber storage system has been adopted in many developing countries. New, low-cost techniques are being devised to process and store potatoes at the village level which should make an important dietary impact on low income producers and consumers. The CIP-sponsored regional research networks continued to develop in 1983, allowing potato researchers to benefit from greatly increased communication and scientific cooperation. 936-4111.07

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India, 1972, sorghum, pearl millet, pigeon pea, chickpea, groundnut and farming systems. Sorghum and pearl millet are the principal grain crops in many semi-arid regions of Asia, Africa and Latin America. ICRISAT has developed sorghums with greatly improved disease and insect resistance, as well as greater resistance to Striga, a destructive parasitic plant. Two ICRISAT sorghums were released in Central America in 1982, and numerous lines are in the advanced testing stage in other countries. An ICRISAT pearl millet variety released in India provides poorer farmers with an inexpensive alternative to hybrid resistance. At its new Sahelian sub-center in Niger, ICRISAT will conduct research on pearl millet, groundnut, and Sahelian farming systems based on these two crops. ICRISAT also conducts breeding research on pigeonpea and chickpea. These crops constitute an important part of the protein in the diets of many countries. In 1983, a new ICRISAT-developed

U.S. FINANCING (in thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984					
Estimated Fiscal Year 1985					
Estimated through September 30, 1985					
Proposed FY 1986					
Estimated through Fiscal Year 1986					
Proposed FY 1987		Future Year Obligations	Estimated Total Cost		

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
International Agricultural Research Centers		FY 86	LIFE OF PROJECT
NUMBER 936-4111 GRANT ☐ LOAN ☐ / NEW ☐ CONTINUING ☐	PRIOR REFERENCE	INITIAL OBLIGATION FY	ESTIMATED FINAL OBLIGATION FY / ESTIMATED COMPLETION DATE OF PROJECT FY

chickpea with high yield and superior cooking quality was released in India. ICRISAT's farming systems programs have developed a number of cultivation techniques using intercropping and multiple cropping. Agronomic techniques, along with improved germplasm and training activities, make up ICRISAT's outreach activities in many countries in Asia, the Sahelian and southern African regions, and in Central and South America. ICRISAT began a new sorghum-pigeonpea-groundnut cooperative research program in Thailand in 1983. 936-4111.06

International Laboratory for Research on Animal Diseases (ILRAD), Kenya, 1974, control of trypanosomiasis and theileriosis (East Coast Fever). ILRAD continues to make progress toward the control of its two target diseases. In the case of theileriosis the laboratory is trying to develop cross-immunization which would protect an animal from any strain of the disease in a given area. Pathogen variability is less than previously thought, and the center hopes to produce a general vaccine against East Coast Fever within a few years. Experimental vaccination procedures are being tested. The thrust of the laboratory's trypanosomiasis research continues to be antigenic variation. This variation allows the parasite to evade the host animal's immune system; an understanding of the genetic mechanism involved is important to the center's efforts to treat and prevent the disease in sheep, cattle and goats. ILRAD is also cooperating with ILCA in a study of trypanotolerance in cattle, and is using embryo transfer to develop an experimental herd of N'dama cattle (trypanotolerant) in Kenya. 936-4111.08

International Livestock Center for Africa (ILCA), Ethiopia, 1974, systems of livestock production. ILCA, in cooperation with ILRAD, is actively studying the productivity and adaptability of trypanotolerant livestock breeds. The center coordinates a six-country network for trypanosomiasis tolerance research. In Nigeria, ILCA has been successful in developing small ruminant production in humid forest zones. The center has assembled a large data base on the role of livestock in traditional farming systems. Introduction of cross-bred cows has led to a ten-fold increase in milk production in some areas of the Ethiopian highlands. ILCA has found that increased livestock and crop production are generally complementary, not competitive. Increased income from dairy and livestock are often invested in improving crop production. Effective pasture management packages, developed by ILCA for sheep and goat producers, are now in the extension stage. 936-4111.09

International Center for Agricultural Research in the Dry Areas (ICARDA), Syria, Lebanon, 1976, barley, lentils, durum wheat, broad beans, chickpeas, forages, and dryland farming systems. The center's principal research station near Aleppo, Syria continues to develop, with construction of permanent laboratories and offices now well along. Barley breeding continues to make progress, with special effort given to drought resistance and dual-purpose (grazing and grain) types. Two ICARDA durum wheat varieties have been selected for release in several countries of the region. ICARDA has developed cold-tolerant, ascochyta blight-resistant chickpeas, which can yield nearly twice as much as traditional spring-planted types. One chickpea line has been released in Syria, and another will be released soon in Jordan. Faba beans have been developed with good resistance to important foliar diseases. ICARDA is also developing a mechanized lentil harvester which greatly increases efficiency. The center's forage problem concentrates on the use of legume cereal rotations and improved sheep production. ICARDA's farming systems component studies the interactions of livestock, agronomy and economic factors in farm productivity. The farming systems program uses a multi-disciplinary approach to develop productive and efficient cropping practices. 936-4111.12

International Food Policy Research Institute (IFPRI), U.S.A. (Washington), 1976, (joined CGIAR in 1980), identification and analysis of alternative national and international strategies and policies for reducing hunger and malnutrition in the world, with particular emphasis on low-income countries and on the poorer groups within those countries. IFPRI's research has concentrated on six major food policy questions: (1) food import demand by developing nations, (2) enhancing the effect of technological change in increasing food production, (3) farm production incentives and related growth and equity issues, (4) alternative agricultural commodities in future production patterns, (5) policies to allow technological change to stimulate growth in income and employment, and (6) attaining food security. Increased attention is being given to sub-Saharan Africa. A substantial number of research reports have been issued and IFPRI is increasing its "outreach" efforts with policy makers. 936-4111.14

International Board for Plant Genetic Resources (IBPGR), Italy (Rome), 1973, collection, conservation and utilization of plant genetic resources. IBPGR serves as a coordination center for the maintenance and collection of genetic variability in many species of crop plants. More than 80 countries and about 150 regional and international centers are

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984					
Estimated Fiscal Year 1985					
Estimated through September 30, 1985					
Proposed FY 1986					
Estimated through Fiscal Year 1986					
[illegible]		Future Year Obligations	Estimated Total Cost		

PROGRAM: CENTRALLY FUNDED	ACTIVITY DATA SHEET	PROJECT MANAGER: Robert Bertram

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
International Agricultural Research Centers		FY 87	LIFE OF PROJECT
NUMBER 936-4111 GRANT ☐ LOAN ☐	NEW ☐ CONTINUING ☐	PRIOR REFERENCE	INITIAL OBLIGATION FY / ESTIMATED FINAL OBLIGATION FY / ESTIMATED COMPLETION DATE OF PROJECT FY

working with IBPGR. The board is monitoring activities at 38 gene banks, 18 of which are in developing countries. Additionally, a number of gene banks at the international centers are establishing long-term base collections. In 1983, IBPGR staff were active in collection and documentation of germplasm of 73 different crops in over 50 countries; major expansion of the seed storage network covering 23 important crops was also accomplished. 936-4111.11

International Service for National Agriculture Research (ISNAR), Netherlands, 1980, technical assistance for detailed planning of national research programs, given at the request of developing countries. The newest of the CGIAR centers, ISNAR began its work in 1980. Since then it has completed intensive reviews for 15 developing nations and has others underway. Numerous other developing nations have been assisted in other ways. ISNAR also organizes conferences for research leaders on topics such as research management, research evaluation, and program planning. ISNAR has also been involved in several general studies of national systems. It is presently collaborating with a group of LDC directors of national agricultural research systems (IFARD) in a detailed survey of national research programs. 936-4111.13

Host Country and Other Donors: A.I.D. normally provides about 25% of total core funds; the other 75% is provided by 33 other donors. Several other nations are currently considering joining.

Other major donors among the developed nations, international organizations, and private foundations are: World Bank (which traditionally provided 10% of the total and which has increased its proportion to 15%), Japan, Germany, Canada, Inter-American Development Bank (IDB), United Kingdom, Commission of the European Communities, International Fund for Agricultural Development, United Nations Development Program, Australia, Netherlands, Sweden, OPEC Fund, Switzerland, Belgium, Norway, Italy, International Development Research Center (Canada), France, Denmark, Ford Foundation, Leverhume Trust, Spain, The Arab Fund, Ireland, the Asian Development Bank, and the African Development Bank. Finland joined in 1984. Another developed nation is expected to join shortly. The IDB contribution is limited to the three Latin American Centers (CIMMYT, CIAT, CIP) and is drawn from Social Progress Trust Funds money in Peru (CIP), and IBD's Fund for Special Operations (CIAT and CIMMYT).

Developing nations have provided the sites for the IARCs and four are also donor members of the CGIAR. Those in the latter category include: Nigeria (IITA), a member since 1975; Mexico (CIMMYT), 1980; Philippines (IRRI), 1980; and India (ICRISAT), 1981. Three other developing nations are donor members: Saudi Arabia (1976, 1977), 1983; Brazil, 1982; and China, 1985.

Beneficiaries: The immediate clientele of the IARCs is composed of the national agricultural research programs in the developing nations. Technologies developed at the international centers are further refined and tailored to meet local conditions. As the technologies move out from the national programs into use, the first beneficiaries are the farmers who utilize them. In the case of production technologies, they get higher yields and increased production at lower per unit costs than would otherwise be the case. As the increased production moves to market and as prices decline, all consumers of these products benefit. Low income consumers, who spend a higher proportion of their income on food than more affluent consumers, particularly benefit.

OTHER IARCs AND CGIAR SUPPORT ACTIVITIES

Purpose: To generate, through research, urgently needed technology for improving the productive base of agriculture and to increase food production in developing nations.

Background and Progress to Date: This program includes (a) three international agricultural research centers (IARCs) and programs which are not sponsored by the Consultative Group on International Agricultural Research (CGIAR), and (b) two evaluation activities concerning the CGIAR system. Item (a) involves the Asian Vegetable Research and Development Center (AVRDC), the International Irrigation Management Institute (IIMI), and the International Board for Soil Research and Management (IBSRAM). Item (b) grows out of S&T's charge to manage the agency's involvement with the IARCs. The agency's contribution to the CGIAR centers themselves is carried as a separate item in the PPC budget.

The three IARCs listed in (a) are closely linked with the CGIAR system and centers. They are organized in much the same way as the CGIAR centers, and are supported by some of the same donors. They have been considered for membership in the CGIAR and one or more of them may be brought into the group in the near future. For now they represent a highly complementary activity.

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984					
Estimated Fiscal Year 1985					
Estimated through September 30, 1985					
Proposed FY 1986					
Estimated through Fiscal Year 1986					
Proposed FY 1987		Future Year Obligations	Estimated Total Cost		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Bertram

TITLE	FUNDS	PROPOSED OBLIGATION (in thousands of dollars) FY 87	LIFE OF PROJECT
International Agricultural Research Centers			
NUMBER 936-4111 GRANT ☐ LOAN ☐ NEW ☐ CONTINUING ☐	PRIOR REFERENCE	INITIAL OBLIGATION FY	ESTIMATED FINAL OBLIGATION FY / ESTIMATED COMPLETION DATE OF PROJECT FY

In 1985, A.I.D. provided $1.67 million for the foregoing activities. Of this, $1.0 million went to AVRDC, $450,000 to IIMI (which also covered 1984), $50,000 to IBSRAM, $110,000 for special studies, and $60,000 for the scientific liaison officers. The AVRDC contribution represented 25% of the expected total funding of AVRDC, while the IIMI contribution was expected to represent roughly 10% of total funding.

For 1987, a total of $2.0 million is proposed, tentatively divided as follows: $1.2 million for AVRDC, $500,000 for IIMI, $100,000 for IBSRAM, $120,000 for special studies, and $80,000 for the scientific liaison officers.

Individual activities are discussed in greater detail below:

Asian Vegetable Research and Development Center (AVRDC), Taiwan, 1971, tomatoes, sweet potatoes, Chinese cabbage, soybeans, and mungbeans. AVRDC's objectives are to: (1) increase the yield and nutritional value of selected vegetable crops that can make significant contributions to improved diets, and (2) to increase total food production per unit of area in low-land humid tropics. Improved materials are widely distributed and tested in collaborative projects with national programs; in 1983 seed samples were sent for testing in 75 countries. Varieties developed at AVRDC have been released in 24 countries. AVRDC tomatoes alone have been released in 16 countries. In many cases, areas which could not produce summer crops are now producing high yields in the hot, humid season using AVRDC-developed heat tolerant and disease resistant varieties. Mungbean lines have been released to farmers in six Asian countries, as well as in Australia, Fiji, Peru and Zimbabwe. A new Chinese cabbage hybrid has been released in Taiwan, and a number of AVRDC lines are undergoing testing in other Asian countries. 936-4111.05

International Irrigation Management Institute (IIMI), Sri Lanka, 1984. IIMI conducts research and training projects in irrigation. While some research is being done at headquarters, much of the work is being carried out with active irrigation systems and/or those under development in LDCs. These sites serve as field laboratories, where researchers conduct diagnostic studies, identify problems and constraints to optimum water use, devise means of overcoming these constraints, and monitor the results and effectiveness of their recommendations. Site development is processed as planned and the detailed IIMI research program is now being designed. 936-4111.21

International Board for Soil Research and Management (IBSRAM), Thailand, 1984. IBSRAM was set up as a result of the interest of scientists and donor countries in improving the coordination of soil research activities. IBSRAM helps developing countries conduct soil research, conservation and management programs, allowing them to maximize the use of their soil resources for food production. The board assists in the transfer of technology between areas with fairly similar soil-related agricultural constraints. Areas which have been identified for attention include land clearing, tropical acid soils and hydromorphic soils management. 936-4111.20

CGIAR Support Activities. There are two types of supporting activities of rather different nature.

First, the CGIAR system carries out a number of special studies, generally of an evaluation nature. A full-scale external review of the CGIAR system has been held about every two years. Two reviews have been held to date and the third is currently being considered for 1986 or 1987. The purpose of the reviews is to develop recommendations for improvements in operation of the CGIAR system; previous reviews have led to a number of changes. The cost of the reviews in the past have been met by special contributions by donors; A.I.D. has contributed about 25% of the expected cost of each of the two previous reviews and it is proposed that it do so again. Some other small studies on the development and adoption of new technologies developed by the centers are also planned to be conducted by S&T, building on the wheat and rice studies currently underway.

The second activity involves the continuation of a Scientific Liaison program. U.S. scientific liaison officers have been named for each major international center. These individuals monitor scientific and technical developments, and report their observations to A.I.D. This information is used in A.I.D. evaluations of the programs of each center and in identifying opportunities for collaborative work with USAIDs and country programs. The officers also serve as a point of contact between the centers and the U.S. research community. The officers spend about two weeks each year on this activity; they are not paid salaries but are provided travel funds and per diem. This program was initiated in 1983 and expanded in 1984. The costs are very modest and the returns high; it appears to be an excellent investment.

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984					
Estimated Fiscal Year 1985					
Estimated through September 30, 1985					
Proposed FY 1986					
Estimated through Fiscal Year 1986					
Proposed FY 1987		Future Year Obligations	Estimated Total Cost		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Bertram

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
International Agricultural Research Centers		FY 87	LIFE OF PROJECT
NUMBER 936-4111 GRANT ☐ LOAN ☐ / NEW ☐ CONTINUING ☐	PRIOR REFERENCE	INITIAL OBLIGATION FY	ESTIMATED FINAL OBLIGATION FY / ESTIMATED COMPLETION DATE OF PROJECT FY

Host Country and other Donors: A.I.D. normally provides about 25% of the funding to AVRDC, but does not expect to provide as high a proportion to IITMI (10% would be a more likely level). Funding of IBSRAM is expected to be relatively minor in dollar terms and will not be set on a percentage basis.

All three IARC's are located in Asian developing nations which have provided the sites. In general, many of the same donors who provide support to the CGIAR centers also support these centers. AVRDC differs somewhat from this pattern in that the host country, Taiwan, provides about 40% of total funding and several Asian nations who are not members of the CGIAR provide relatively small amounts. Principal developed nation donors aside from the United States include Japan, Australia, and Germany.

Beneficiaries: The immediate clientele of the IARC's is composed of the national agricultural research programs in the developing nations. Technologies developed at the international centers are further refined and tailored to meet local conditions. As the technologies move out from the national programs into use, the first beneficiaries are the farmers who utilize them. In the case of production technologies, they get higher yields and increased production at lower per unit costs than would otherwise be the case. As the increased production moves to market and as prices decline, all consumers of these products benefit. Low income consumers, who spend a higher proportion of their income on food than more affluent consumers, particularly benefit.

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984					
Estimated Fiscal Year 1985					
Estimated through September 30, 1985					
Proposed FY 1986					
Estimated through Fiscal Year 1986					
Proposed FY 1987		Future Year Obligations	Estimated Total Cost		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Worth Fitzgerald

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Water Management Synthesis II	Agriculture, Rural Development and Nutrition	FY 87 1900	LIFE OF PROJECT 19,650 1/
NUMBER 936-4127 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE Technical Notification #108, Submitted 12/13/84	INITIAL OBLIGATION FY 84	ESTIMATED FINAL OBLIGATION FY 1989 / ESTIMATED COMPLETION DATE OF PROJECT FY 1987

Purpose: Strengthen LDC institutional capabilities to improve irrigation efficiency for better water productivity.

Background and Progress to Date: Irrigation is critical to meeting future LDC food needs. However, it is essential to improve the performance of existing systems, the majority of which are not operating efficiently. The project is designed to: bring about a better understanding of the importance of good water management by policy makers, planners, irrigation system operators, and farmers; strengthen the capacity of LDC institutions (including farmers' organizations) to adopt and carry out effective programs and policies for better water management; and develop improved water management technologies that will lead to improved system operation and, more broadly, irrigation sector performance.

The project has carried out over 180 activities during its first three years, including 30 special studies, 20 technology transfer activities, and responses to more than 120 requests for assistance from USAID Missions and host-countries. The latter have been well supported by the Missions involved, with "buy-ins" averaging more than $1.5 million annually.

Overall, technical assistance levels are expected to continue at the present level. However, there will be some regional shifts as well as a heavier reliance on mission funding to support them. The expanded focus on irrigation development/improvement in Africa is expected to increase further; assistance levels in Asia, Latin America and the Near East are expected to remain roughly constant.

Host Country and Other Donors: Many project activities require host country cooperation and funding support but are primarily short-term in nature (technical assistance, training and special studies). Several of these efforts will be carried out collaboratively or in coordination with other bilateral donors and/or international organizations.

Beneficiaries: Ultimately, farmers and water users will benefit through adaptation of improved water management technologies and practices. Host country institutions and agencies that design and carry out irrigation projects, programs and schemes will be the immediate beneficiaries.

FY 87 Program: Project planning/design, sector surveys and other forms of technical assistance will be provided to 25 host-countries and Missions. Six training courses are planned. Technology transfer efforts will be expanded significantly, including 5 workshop/seminars and 10 new publications. Research efforts will continue to focus on main system management, with increased emphasis on indirect investment and support approaches to irrigation development, farmer involvement, and policy adjustments that influence irrigation systems operation and overall irrigation sector performance. Attention to Africa will continue to increase.

Major Outputs and A.I.D. Units:	Units, All Years
Technical assistance (person months)	1000
Training courses	50
Participants trained	1500
Audio-visual modules developed	50
Special studies/analyses conducted	65
Guides/handbooks/newsletters	125
Seminars/workshops/planning sessions	25

A.I.D. Financed Inputs in $000s:	FY 87 All Sources, as given below
Personnel (125 person months)	2550
Equipment/Publications	630
Logistics	650
Operations/Overhead	1500
TOTAL	5330

1/ Includes funding from all sources (see table below)

Total Fiscal Year Funding in $000s

	1982-84	1985	1986	1987	Total to Date
S&T/AGR	4410	1500	1300	1500	8710
S&T/RD	1200	700	700	680	3280
ASIA	3000	1000	1000	800	5800
AFRICA	-0-	400	400	400	1200
Missions	2300	2100	1890	1950	8240
TOTAL	10910	5700	5290	5330	27230

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	6744	4505	2239		
Estimated Fiscal Year 1985	2500	2500		3/1/85 - 7/31/86	Consortium for International Development (CID)
Estimated through September 30, 1985	9244	7005	2239		
Proposed FY 1986	1300	2000		8/1/86 - 9/30/87	
Estimated through Fiscal Year 1986	10544	9005	1539		
987	1500	Future Year Obligations	Estimated Total Cost	10/1/87 - 12/31/87	
		7606	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Loren Schulze

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Soybean Utilization and Research	Agriculture, Rural Development and Nutrition	FY 87 850	LIFE OF PROJECT 5,950
NUMBER 936-4132 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE Advice of Program Change #200, Submitted 1/29/85	INITIAL OBLIGATION FY 85	ESTIMATED FINAL OBLIGATION FY 89 / ESTIMATED COMPLETION DATE OF PROJECT FY 90

Purpose: To increase utilization of soybeans and improve soybean productivity in developing countries.

Background: This project builds upon the expertise developed by the International Soybean Program (INTSOY) at the University of Illinois under an earlier project "Development of Improved Varieties of Soybeans" (931-0560) which was initiated to take advantage of the great potential of soybeans for lessening the protein and calorie shortage in the developing world. Soybeans average about 40 percent protein with excellent nutritional balance, and are capable of producing high yields per acre of excellent vegetable protein with useful edible oils. Research to date indicates that the soybean is a widely adaptable legume. Cultivars have been developed which exhibit disease resistance. Micro-organisms that affect seed quality and germination have been intensively studied through cooperative efforts of the Universities of Illinois and Puerto Rico. Excellent progress has been made in the development of model insect control management systems through interdisciplinary work between plant pathology and entomology.

This project is designed to assist LDC private businesses and government entities develop, test, adapt, and disseminate new soy products and soybean processing techniques with particular concern for products meeting the needs of the malnourished; raise soybean yields in developing countries by assisting national and regional research institutes to develop improved varieties, implement integrated crop protection strategies, improve seed viability, and overcome technical constraints; and assist developing countries to adopt economic policies and other measures needed to establish economically efficient soybean production and utilization systems.

Host Country and Other Donors: NGO collaborators in cooperating countries provide the personnel and the facilities for on site adaptive research. There is collaboration with the International Institute of Tropical Agriculture, the Centro Internacional de Agricultura Tropical, the Asian Vegetable Research and Development Center, the Cropping Systems Research Unit of the International Rice Research Institute, International Development Research Center, Australia, European Economics Community, International Board for Plant Resources and the University of Illinois.

Beneficiaries: Soybean producers and consumers in developing countries will benefit worldwide.

FY 87 Program: Collaborative research sites will be identified and established in 2-3 regions. Research will continue on developing new genetic materials and improving the knowledge base for disease, insect, and weed control of soybeans produced under tropical environments. Research will be initiated in food and oil use technology for LDCs. A research network among LDCs, International Agricultural Research Centers, A.I.D. missions and the project will be established.

Major Outputs and A.I.D. Units:	All Years Units
Collaborative LDC research sites	3
Improved varieties for LDCs	15
Integrated disease & insect control systems	8
Training (short courses)	10

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (221 person months)	663
Logistics	119
Other costs	68
TOTAL	$850

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-	-	-		
Estimated Fiscal Year 1985	850	600		2/1/85 - 1/31/86	University of Illinois
Estimated through September 30, 1985	850	600	250		
Proposed FY 1986	850	850		2/1/86 - 1/31/87	
Estimated through Fiscal Year 1986	1,700	1,450	250		
Proposed FY 1987	850	Future Year Obligations	Estimated Total Cost	2/1/87 - 1/31/88	
		3,400	5,950		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Anson Bertrand/James Walker

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Collaborative Research - IARCs	Agriculture, Rural Development and Nutrition	FY 87 1000	LIFE OF PROJECT 4200

NUMBER 936-4136 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE Advice of Program Change #194 Submitted 3/9/83	INITIAL OBLIGATION FY 85	ESTIMATED FINAL OBLIGATION FY 89	ESTIMATED COMPLETION DATE OF PROJECT FY 90

Purpose: To develop improved agricultural technology for LDCs by supporting research between U.S. institutions and the International Agricultural Research Centers (IARCs) on key biological problems.

Background and Progress to Date: The IARCs conduct biological research, primarily of an applied nature, on crops, livestock and farming systems in the Near East, Africa, Asia and Latin America. The Centers were established to supply improved technology to expand food production in LDCs. The IARCs have encountered a number of specific basic research obstacles in the development of these new technologies. Because their resources - facilities, staff and budgets - are tailored to fairly specific program objectives, the Centers do not have the flexibility to address many problems which require development of basic research methodologies or application of multidisciplinary analysis. On the other hand, U.S. research institutions, primarily universities, have the trained scientists and special equipment and facilities to overcome many of these constraints to technological breakthroughs.

This project is designed to form linkages between the Centers and U.S. research institutions in order to apply the heretofore untapped scientific and technological resources available in the United States to some of the intractable problems encountered by the Centers. A small grants program will be set up to support collaborative research between U.S. universities and the IARCs on the special constraints which hinder the generation of research and methodologies to improve food production and consumption in LDCs. The Centers and A.I.D. will identify priority agricultural research activities that promise high payoff from modest investments to overcome specific production constraints. Emphasis will be on research which the IARCs cannot complete themselves and in areas in which U.S. research institutions have a comparative advantage.

Examples of potential areas for research include study of the physiological processes in plants which control water and other nutrient use efficiency, and research to provide more cost-effective methods to field test fertilizers and new crop varieties.

Host Country and Other Donors: The IARCs will provide the personnel and facilities for conducting research in their respective centers. The U.S. institutions will provide the backstopping required for the U.S. scientists both on-campus, and, where necessary, while they are stationed in the IARCs.

Beneficiaries: The ultimate beneficiaries will be LDC farmers who will receive technological recommendations that build upon existing production and policy systems. The immediate beneficiaries of this project will be the researchers at the IARCs.

FY 1987 Program: The program will continue identifying special constraints to IARCs research agendas, which the IARCs themselves lack the scientific resources to address. Grants will be made to U.S. universities able to address these constraints in a form which will advance the IARCs' research programs.

Major Outputs:	All Years
Research grants	85

A.I.D. Financed Inputs in $000s:	FY-87
20 Research grants	$1,000

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-	-	-		
Estimated Fiscal Year 1985	200	100		8/1/85 - 7/31/86	
Estimated through September 30, 1985	200	100	100		USDA/CSRS
Proposed FY 1986	1000	900		8/1/86 - 7/31/87	
Estimated through Fiscal Year 1986	1200	1000	200		
Proposed FY 1987	1000	Future Year Obligations	Estimated Total Cost	8/1/87 - 7/31/88	
		2000	4200		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: James Walker

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Biotechnology - Tissue Culture	Agriculture, Rural Development and Nutrition	FY 87 1100	LIFE OF PROJECT: Continuing
NUMBER 936-4137 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 1986, Annex V Centrally Funded Programs, p. 35	INITIAL OBLIGATION FY 84	ESTIMATED FINAL OBLIGATION FY Continuing / ESTIMATED COMPLETION DATE OF PROJECT FY Continuing

Purpose: To test plant tissue culture as a cost-effective technique to improve stress tolerant characteristics of legumes, maize, wheat, rice, sorghum, millet and vegetatively propagated crops.

Background and Progress to Date: This project builds on the work of an earlier A.I.D. funded research grant to Colorado State University. That study demonstrated that after plant cells have been exposed to increasing levels of salt, some cells will stand out as being able to tolerate much higher levels of salt than the original cells. These cells are regenerated into whole plants which retain their salt tolerance from one generation to another. In the tropical and sub-tropical world, over two billion hectares experience stresses such as mineral deficiencies or toxicities, low and high temperature and drought conditions. Current approaches to alleviate the situation are to change or amend the soil to fit the plant needs or, in a few instances, to fit the plant to the environment. However, certain conditions cannot be corrected, either because an economical technology does not exist or because a delivery system to bring a suitable technology to the small farmer in the LDCs. These problems can be addressed through development of stress-tolerant varieties by means of plant tissue culture techniques. The project will first develop laboratory methods that are reliable for the identification of plant tissue that is resistant to or tolerant of environmental stresses due to salt, aluminum concentration, heat and drought. Then, it will test the stress tolerance found in the laboratory through a series of greenhouse trials where whole plants will be grown from the regenerated tissue of maize, wheat, sorghum, millet, legumes and vegetatively propagated crops such as cassava. This will be followed by verification of stress tolerance in the field through a network of research centers in the U.S. and overseas which will be responsible for testing the greenhouse-screened material under open air conditions.

Host Country and Other Donors: The project is linked with international and national agricultural research centers with regard to germ plasm and utilization of technique. These centers will test the stress tolerant crop varieties at no cost and participate in both the international as well as the regional tissue culture research networks.

Beneficiaries: LDC scientists and their research institutions will directly benefit through specialized training in the most modern plant tissue culture techniques. This training, together with their participation in the plant tissue culture network, will enable these LDC scientists to produce and identify crop cultivars that are highly adapted to each country's unique crop production environments and associated stresses. Since the thrust of the program is to advance knowledge for crop production on marginal lands, it will indirectly benefit impoverished farmers, especially women, who have traditionally played a major role in such areas, by providing them crops adapted to stressed environments where crop production has traditionally been instable and unreliable.

FY 87 Program: Activities programmed for 1987 include: Continue research on improving tolerance levels for salt and aluminum toxicity in rice and salt-tolerant cell lines of millet; continue greenhouse testing of salt-tolerant wheat and rice varieties; regenerate other wheat and rice lines tolerant to salt and aluminum toxicity; implement research on tissue cultures of soybeans, groundnuts, cowpeas and cassava; regeneration of wheat, rice, corn, pearl millet, proso millet; initiate heat-tolerance (wheat) and nitrate efficiency (rice); and hold first International Network Meeting.

Major Outputs and A.I.D. Units:	All Years Units
Legume varieties tolerant to 1 stress	10
Wheat varieties tolerant to 3 stresses	30
Rice varieties tolerant to 3 stresses	30
Millet varieties tolerant to 1 stress	10
Trained scientists	120
International network in tissue culture research	1
Regional network coordination workshops	20

A.I.D. Financed Inputs:	FY 87
Personnel (221 person months)	357
Logistics and grants	214
Equipment and Supplies	314
Indirect Costs	215
TOTAL	1100

U.S. FINANCING (In thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	1084	10	1074		Colorado State University
Estimated Fiscal Year 1985	1100	1000		9/30/85 - 8/31/86	
Estimated through September 30, 1985	2184	1010	1174		
Proposed FY 1986	1000	1000		9/30/86 - 8/31/87	
Estimated through Fiscal Year 1986	3184	2010	1174		
Proposed FY 1987	1100	Future Year Obligations	Estimated Total Cost	9/30/87 - 8/31/88	
		Continuing	Continuing		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Harvey J. Hortik

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
High-Value Horticultural Crops and Agribusiness Development	Agriculture, Rural Development and Nutrition	FY 87: 400	LIFE OF PROJECT: 5,000
NUMBER 936-4141 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1985 Annex V, Centrally Funded Programs, p. 46	INITIAL OBLIGATION FY 1987	ESTIMATED FINAL OBLIGATION FY 91 / ESTIMATED COMPLETION DATE OF PROJECT FY 92

Purpose: To develop production systems for high cash-value horticultural crops.

Background: Horticultural crops such as vegetables, fruits and nuts are grown in all developing countries and contribute significantly to the vitamin fiber and mineral intake in the diets of the people in these countries. The nutrients provided by these crops are generally not available elsewhere. Cereals and animal products simply do not contain essential vitamins (i.e., Vitamin C) and trace elements necessary for normal growth and maturation. Generally, production practices are unimproved, and the available genetic materials include inferior traits passed down from generation to generation. Concentration by donor agencies on the extensively grown agronomic crops has resulted in only a minor effort to provide assistance in the horticultural sector of agriculture in LDCs. Income generation and job creation in horticultural crop agribusiness activity is already significant in many developing areas, and has great potential for expansion domestically and through international trade. Production for export marketing can utilize women and men in small farming areas to assure quality produce needed to meet the grades and standards required by the importing countries. Improved horticultural crop production and marketing can dramatically help the diet and income-generation potential of many developing countries. This project will support the Agency's mandate to assist the poor majority by reducing malnutrition, generating jobs in horticultural-crop agribusiness activity, and stimulating income for small farmers and developing nations as horticultural crop production and marketing increase. Opportunities to use biotechnology to increase horticultural crop production will be utilized along with modern know-how for efficient marketing through improved trade intelligence, expertise sharing and training, and appropriate horticultural crop research implementation and networking. Better nutrition, more jobs, added income, increase international trade opportunities and increased self-sufficiency will result from this project.

Host Countries and Other Donors: Host countries will provide facilities, land, research staff and supporting staff for conducting research.

Beneficiaries: LDC horticultural research and production programs will benefit initially. The LDC small-holder and urban poor will be the ultimate beneficiaries. The program will have its largest impact in the Near East, Africa, and Latin America-Caribbean regions.

FY 87 Program: A technical staff for management and conduct of the program will be assembled. A minimum of five technical assistance teams will be provided to missions upon request. The information collection and dissemination system will be established to include the format for information collection and dissemination and required hardware. Initial arrangements will be made for student training and offering of short courses.

Major Outputs and A.I.D. Units:	All Years Units
Horticultural technical assistance teams TDYs	100
Cropping system and packages of management practices	20
Seed production, maintenance and storage systems	30
Training (person months)	300
Information dissemination unit	1
Horticultural resource directory	1
Short courses	10

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (48 person months)	$200
Logistic Support	75
Training (24 person months)	50
Equipment and Facilities	50
Other Costs	25
TOTAL	$400

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-0-	-0-	-0-		
Estimated Fiscal Year 1985	-0-	-0-			
Estimated through September 30, 1985	-0-	-0-	-0-		To be determined
Proposed FY 1986	-0-	-0-			
Estimated through Fiscal Year 1986	-0-	-0-	-0-		
Proposed FY [illegible]	400	Future Year Obligations	Estimated Total Cost		
		4,600	5,000		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Carroll Collier

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Integrated Pest Management and Environmental Protection	Agriculture, Rural Development and Nutrition	FY 87 750	LIFE OF PROJECT 5,800
NUMBER 936-4142 GRANT ☒ LOAN ☐ / NEW ☒ CONTINUING ☐	PRIOR REFERENCE FY 86 Annex V, Centrally Funded Programs, p. 35	INITIAL OBLIGATION FY 85 / ESTIMATED FINAL OBLIGATION FY 89	ESTIMATED COMPLETION DATE OF PROJECT FY 90

Purpose: To provide missions and regional bureaus with a comprehensive multidisciplinary capability in pest and pesticide management.

Background: This project combines the major features of two previous projects, Pest Management and Related Environmental Protection (931-0930) and Weed Control Utilization (931-0206). Since weeds are classified as plant pests in a similar fashion as are insects and fungi, joining the two efforts into a single project will eliminate redundancy of effort and will assure that weed pests are always considered within the overall context of integrated pest management which takes into account all pests, regardless of their nature. Moreover, the integrated approach allows coverage of all pesticides, including not only weed killers, but also insecticides and fungicides. Compared with its predecessors, this project will put more emphasis on research.

The project will provide a balanced combination of basic research and technical development; foster and accelerate appropriate training for LDC agricultural educators, extension and research technicians, private sector employees, and Peace Corps Volunteers; and produce, publish, and distribute publications on pest and pesticide management.

Host Country and Other Donors: The Food and Agriculture Organization and bilateral donors such as the Canadian International Development Agency, German Agency for Technical Cooperation and Overseas Development Administration will collaborate with the research aspects of the project. The project will closely coordinate its activities with the International Agricultural Research Centers, national universities and governmental agencies having a responsibility for crop protection. Most donations will be in the form of manpower and physical facilities.

Beneficiaries: Small farmers will benefit from a reduction of preharvest food and cash crop losses. The general consumer will have increased quantities, less expensive and higher quality food. Increased production of cash crops will benefit the countries' balance of payments. There will also be a positive environmental impact due to improved management of pesticides and a decreased dependency on expensive chemical inputs. LDC research institutions and crop protection agencies, including extension personnel will materially benefit from training and "hands-on" research experience.

FY 87 Program: The project will emphasize the establishment of regional research networks having one or more elements of crop protection as a common theme. Field demonstration of appropriate IPM research results will be actively encouraged. The multidisciplinary resources of the project will be shared with interested LDC collaborators and with projects funded by other donors. The following activities are planned for FY 87: Conduct multidisciplinary pest management surveys for LDCs and missions; provide short-term technical assistance in pest and pesticide management; conduct short courses and seminars/workshops in safe use of pesticides, pesticide residue analysis, and integrated pest management; prepare and publish specialized information on pest management; assist in design and implementation of crop protection research activities; assist in design of agricultural production projects; conduct environmental monitoring studies and assessments, as required under A.I.D. Regulation 16.

Major Outputs and A.I.D. Units:	All Years Units
Collaborative research activities	12
Project design and evaluation (person months)	110
Technical backstopping (IPM, biocontrol, weed management, pesticide management, environmental assessments) (person months)	185
Training courses (IPM, weed control, pesticide analysis (person months)	205
Seminar/Workshops	5
Networking activities	3

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (120 person months)	350
Travel	190
Equipment and Supplies	20
Other	190
TOTAL	$750

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-0-	-0-	-0-		
Estimated Fiscal Year 1985	950	250		7/1/85 - 6/30/86	To be determined
Estimated through September 30, 1985	950	250	750		
Proposed FY 1986	700	700		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	1,650	950	700		
Proposed FY 1987	750	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		3,400	5,800		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Robert Jackson

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
R&D of Improved Seed Production and Utilization	Agriculture, Rural Development and Nutrition	FY 87 400	LIFE OF PROJECT 3,420
NUMBER 936-4143 GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 86 Annex V, Centrally Funded Programs, pp. 35 and 42	INITIAL OBLIGATION FY 86	ESTIMATED FINAL OBLIGATION FY 92 / ESTIMATED COMPLETION DATE OF PROJECT FY 93

Purpose: To develop and implement programs for producing, processing and distributing food and feed crop seed to LDC farmers.

Background: Seed is essential to the survival of mankind. Improved seed stores the highest genetic potential that science can develop, and, as a vital ingredient in modern agriculture, permits farmers to produce larger crops with more nutritional value than would otherwise be possible. To reach the LDC farmers with these improved varieties, seed production and utilization systems must be established and maintained.

Only a few LDCs have sufficient technical, managerial and economic resource capability in seed production and utilization systems to fulfill the requirements needed to get improved seeds to their farmers. External assistance is required in the form of adaptive research, training, technology transfer and networking.

This new FY 1986 project grew out of successful country models developed under a previous project, Seed Program and Industry Development (931-0203) and the continuing LDC need for assistance to develop and implement seed production and marketing systems to get improved seeds to the farmers. Whereas activities under the previous agreement focussed primarily on technical assistance, this project emphasizes research and expansion of the network system among U.S., LDC national, regional and international organizations and institutions.

This project will impact directly on A.I.D.'s agricultural policy and strategy and complement bilateral assistance by supporting long-term U.S. based research for workable LDC adaptation, providing academic and technical training, transferring appropriate technology and building sound research networks.

Host Country and Other Donors: The State of Mississippi provides a complex of seed production, training, service, laboratories and operational facilities in support of this project at MSU. All collaborating LDCs, regional and international institutions provide technical and support staff for conducting research and the necessary facilities for training/workshops, local transportation, seed processing equipment, seed research and seed analysis laboratories.

Beneficiaries: This project will strengthen national, regional and global institutional capability to develop and implement economically efficient, socially acceptable and environmentally sound programs for producing, processing and distributing food and feed crops seeds. The ultimate beneficiaries are the small and medium farmers in developing countries who receive the improved seeds and realize substantial increases in production.

FY 87 Program: Research will be undertaken on seed multiplication and production procedures to minimize deterioration and incidence of seed borne diseases in storage; adequate systems for drying seed in the tropics; and improved conditioning procedures and quality evaluation methods. Training programs will be designed and implemented in the U.S. and at LDC national, regional and international institutions. Training will range from graduate degrees to in-service training at the LDC operational level. Technology transfer will include technical advice, problem solving, assistance and feedback of information into the system.

Major Outputs and A.I.D. Units:	All Years Units
Research Activities	41
Training programs for 340 participants	19
Project, design, assessment and evaluation assistance	100
Handbooks	3
Technical inquiries	1,000
Workshops	7
Research papers	42
Network and linkages established	14
Newsletters	14

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (60 person months)	$224
Logistics	58
Other Costs	118
TOTAL	$400

U.S. FINANCING (in thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-0-				Mississippi State University
Estimated Fiscal Year 1985	-0-				
Estimated through September 30, 1985	-0-				
Proposed FY 1986	360	300		11/15/85 - 11/14/86	
Estimated through Fiscal Year 1986	360	300	60		
Proposed FY 1987	400	Future Year Obligations	Estimated Total Cost	11/15/86 - 11/14/87	
		2,660	3,420		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: R. Jaffan/H. Shuyler

TITLE: Postharvest Grain Systems/ R&D	FUNDS: Agriculture, Rural Development and Nutrition	PROPOSED OBLIGATION (In thousands of dollars) FY 87: 650	LIFE OF PROJECT: 3,245
NUMBER: 936-4144 GRANT ☒ LOAN ☐ NEW ☐ CONTINUING ☒	PRIOR REFERENCE: FY 86, Annex V, Centrally Funded Programs, p. 35	INITIAL OBLIGATION FY 85	ESTIMATED FINAL OBLIGATION FY 89 / ESTIMATED COMPLETION DATE OF PROJECT FY 90

Purpose: To improve the capability of national and international researchers and LDC government agencies to develop, support, and implement economically acceptable and environmentally sound programs which will enable small farmers and marketers to reduce postharvest cereal and legume grain losses.

Background: Under a previous project carried out by Kansas State University (KSU), technical assistance was provided to 57 countries. Over 370 individuals from 55 countries received training at KSU, 320 people received training in twelve overseas locations, approximately 100 special purpose technical reports were written, 25 analyses of national grain storage programs were carried out and recommendations for improvement made. Research and technical assistance overseas was provided for: review of technical designs of grain storage systems, suggestions related to grain processing systems, investigations of grain policy alternatives, cooperation with the World Bank on grain storage projects, investigations of appropriate improved postharvest grain storage and drying technology for small farmers. Extensive research was conducted at KSU focusing on major problems in the LDCs, such as development of improved grain dryers. As a result of this project, significant changes toward improved grain handling and marketing have been made in many countries, and in many others an appreciation of the dimensions of the postharvest grain loss problem has been instilled and the capability to deal with it is being developed. Much remains to be done.

The goal of this new project is to increase food supplies to improve human welfare and to reduce dependency on imported cereal and grain legumes by reducing postharvest losses. The goal will be accomplished through the four components of this project, which consist of: 1) research, 2) training, 3) networking and, 4) technical assistance. The project will provide a balanced combination of sound research and technical development; foster and accelerate appropriate training for LDC extension and research technicians, private sector employees and Peace Corps Volunteers; produce, publish and distribute publications on postharvest loss interventions and management. Qualified technical expertise will be provided to backstop research, extension and development carried out in LDCs through A.I.D. bilateral programs, the International Agricultural Research Centers (IARCs), LDC institutions and various international organizations.

Host Country and Other Donors: Host countries will provide professional research counterparts, institutional facilities, technical personnel and trainees. IARCs and other international and national organizations are also expected to collaborate in areas of mutual concern. Active membership will continue in the Group for the Assistance on Systems related to Grains After-harvest.

Beneficiaries: The immediate beneficiaries are the LDC organizations and institutions and postharvest specialists. The ultimate beneficiaries are the farmers and consumers of LDCs.

FY 87 Program: The project will design, implement and monitor adaptive and applied research which supports and assists host countries to improve postharvest grain systems. Research activities include: 1) loss assessment studies; 2) improvement of harvesting, handling and drying of grains; 3) improvement of design and utilization of farm, cooperative and other inland and port storage; 4) improvement of grain quality control and integrated pest management programs for insect and mold problems; 5) improvement of processing technology; 6) analysis and improvement of marketing systems; 7) studies to develop appropriate technologies which are tailored to developing countries' socio-economic, political and ecological milieu. The project will provide: short - and long-term technical assistance; in-country short course training emphasizing training of trainers; needed documents to LDCs, upon request, from a computerized data base; coordination of research networks; models developed for improvement of postharvest systems; and guidance on development of agribusiness related to postharvest grain systems.

Major Outputs and A.I.D. Units:	All Years Units
Team responses to mission requests	100
In-country seminars conducted	20
Developing country personnel trained in U.S.	200
Postharvest documentation service	1

A.I.D. Financed Inputs in $000s:	FY 87
Personnel (133 person months)	$480
Logistics	30
Training (30 person months)	100
Other	40
TOTAL	$650

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	-	-	-		
Estimated Fiscal Year 1985	600	200		7/1/85 - 6/30/86	To be determined
Estimated through September 30, 1985	600	200	400		
Proposed FY 1986	600	600		7/1/86 - 6/30/87	
Estimated through Fiscal Year 1986	1,200	800	400		
Proposed FY 1987	650	Future Year Obligations	Estimated Total Cost	7/1/87 - 6/30/88	
		1,395	3,245		

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Richard Neal

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
CRSP – Stock Assessment Fisheries	Agriculture, Rural Development and Nutrition	FY 87 1000	LIFE OF PROJECT Continuing

NUMBER 936-4146 GRANT ☒ LOAN ☐	NEW ☐ CONTINUING ☒	PRIOR REFERENCE	INITIAL OBLIGATION FY	ESTIMATED FINAL OBLIGATION FY	ESTIMATED COMPLETION DATE OF PROJECT FY
		Advice of Program Change #356 Submitted 4/17/85	85	Continuing	Continuing

Purpose: To develop means of adequately determining fish stock sizes in tropical conditions with the ultimate goal of refining fishery management practices in developing countries.

Background: In an analysis of fisheries sector needs in LDCs and the capabilities of U.S. universities to meet those needs, stock assessment has been identified as a priority area. The concept of stock assessment includes the identification and delineation of species and stocks, the measurement of stock abundance, the collection of biological and economic information necessary for wise management, and the analysis and interpretation of the data to permit formulation of management plans. The project will be implemented under the mandate of Title XII of the Foreign Assistance Act, as amended, as a Collaborative Research Support Program (CRSP). The University of Maryland carried out the planning phase.

Three U.S. universities are working with LDC scientists to develop technology for marine fisheries stock assessment that can be used in the developing world. Project activities will include development of models to test statistical gathering theories, management theories, multispecies interactions, and age/size relationships. Model development will be carried out in the U.S., using data collected from developing countries primarily. Field testing of statistical gathering and analytical techniques, as well as development of sampling methodology, will be concentrated in the Philippines and Costa Rica. These countries were chosen partly due to the interest shown by host country researchers and partly due to actual or potential importance of fisheries to the country. Special sampling techniques will be evaluated for efficiency and practicability for use of LDCs, including sonar for sampling fish abundance and bottom characteristics. Other techniques will be evaluated for the aging of fish. Economic implications of new methods developed in this study will also be examined. One product of this research, a stock assessment manual, will be prepared for fisheries evaluation and management under tropical conditions. The U.S. and other developed countries will also be able to apply these research results to the management of their tropical fisheries.

Host Country and Other Donors: All collaborative developing country institutions provide personnel and facilities for conducting research in their respective countries. The participating U.S. universities will provide a minimum of 25% of the A.I.D. budget in matching funds.

Beneficiaries: Beneficiaries of this project are primarily fishery managers in LDCs and small-scale fishermen and low income consumers who will have access to increased quantities of fish.

FY 87 program: Refine methodology for assessment of marine fish populations. Initiate work in U.S. universities on basic principles and integrate this research with results being generated from work in the LDCs.

Major Outputs:	All Years Units
Scientific publications	50
Research reports	40
Technical manual	1

A.I.D. Financed Inputs	FY 87
Personnel (120 person months)	620
Logistics	80
Equipment and facilities overseas	300
TOTAL	1000

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated
Through September 30, 1984	–	–	–
Estimated Fiscal Year 1985	500	200	
Estimated through September 30, 1985	500	200	300
Proposed FY 1986	750	750	
Estimated through Fiscal Year 1986	1250	950	300
Proposed FY 1987	1000	Future Year Obligations	Estimated Total Cost
		Continuing	Continuing

Funding Period	Principal Contractors or Agencies
	University of Maryland
8/1/85 – 7/31/86	Management Entity
8/1/86 – 7/31/87	Subgrants: University of Washington
	University of Rhode Island
8/1/87 – 7/31/88	University of Maryland

PROGRAM: CENTRALLY FUNDED

ACTIVITY DATA SHEET

PROJECT MANAGER: Wendell Morse

TITLE	FUNDS	PROPOSED OBLIGATION (In thousands of dollars)	
Technology Development Transfer and Feedback Systems in Agriculture	Agriculture, Rural Development and Nutrition	FY 87: 325	LIFE OF PROJECT: 1,732
NUMBER 936-4148 / GRANT ☒ LOAN ☐ / NEW ☐ CONTINUING ☒	PRIOR REFERENCE FY 1986 Annex V, Centrally Funded Programs, p. 35	INITIAL OBLIGATION FY 84	ESTIMATED FINAL OBLIGATION FY 88 / ESTIMATED COMPLETION DATE OF PROJECT FY 89

Purpose: To provide farmers in less developed countries (LDCs) with a sustained flow of improved technology consistent with their needs and production potentials.

Background and Progress to date: The development and effective transfer of improved technology to farmers is critical to the agricultural development process in LDCs. Despite sustained major investments by both national governments and external donors, agricultural research and extension institutions in many countries remain ineffective in developing improved technology and making it available to farmers in a manner consistent with their needs and resources. There is a substantial and growing consensus among national leaders, donor organizations and scholars that the technology development and transfer process is only partially responsive to farmer needs, is poorly understood, and is in serious need of reassessment.

This project is based on the hypothesis that an effective system for technology development and transfer to LDCs must be interactive in its operational mode and holistic in approach in order to provide full and effective communication flow and linkage among farmers, agribusiness firms, and public sector support organizations involved in food and fiber production, manufacturing, and distribution processes. The project consists of five phases: (a) conceptualizing a comprehensive model for agricultural technology development and transfer using a systems analysis approach with emphasis on practical applications in developing country situations; (b) testing and refining the model through empirical evaluation based on case studies of successes and failures of operating agricultural technology development and transfer systems; (c) presenting the final model and case study findings at an international conference for review and critique by experts and policy makers; (d) publishing a major technical report that presents the model and case study results, and provides guidance for improving national technology development and transfer systems; and (e) developing instructional materials and organizing workshops to disseminate the results.

A methodology for assessing the performance of national technology development and transfer systems has been developed. The methodology will be field-tested in June, 1985.

Host Country and Other Donors: Host countries will support case study activities and help organize and conduct workshops to disseminate the study results. The project will involve consultation and participation of the Food and Agriculture Organization, World Bank, International Service for National Agricultural Research, and other donor organizations that have major commitment to technology development and transfer activities in support of LDCs.

Beneficiaries: Primary beneficiaries will be the farmers in LDCs who will be able to attain higher levels of productivity and profits as a result of a more responsive system for technology transfer. Secondary benefits will accrue to the consumers in LDCs through a more efficient agricultural production system that generates increased supplies of food and fiber at lower costs.

Major Outputs and A.I.D. Units:	All Years Units
Case Study Monographs	14
Workshops	4
Conference Proceedings	1
Major Technical Report	1

A.I.D. Financed Inputs in $000s: (FY 87)	S&T	Mission	Total
Personnel (18 person months)	180	-	180
Travel	95	75	170
Operations	50	50	97
Total	325	125	447

U.S. FINANCING (In thousands of dollars)	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1984	718	100	618		
Estimated Fiscal Year 1985	-0-	240	-	1/1/84 - 12/31/86	University of Illinois
Estimated through September 30, 1985	718	340	378		
Proposed FY 1986	-0-	240			
Estimated through Fiscal Year 1986	718	580	138		
Proposed FY 1987	325	Future Year Obligations: 689	Estimated Total Cost: 1732	1/1/87 - 12/31/87	

COUNTRY: MOROCCO

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	7	0	1	1	A	7	0	1	4	A	0	0	0	0
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	5	0	1	0	B	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.C1		A	5	0	1	0	A	5	0	1	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	0	0	0	0	A	10	0	2	2	A	20	0	2	4
	CRSP-SMALL RUMINANTS															
931-1328.		A	450	3	10	5	A	550	4	5	5	A	550	3	5	5
	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT															
936-4021.		A	20	0	3	2	A	20	0	3	3	A	30	0	4	6
	INT'L AGR RESEARCH CENTERS															
936-4111.C3		B	441	0	0	0	B	461	0	0	0	B	486	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		B	10	0	1	0	B	5	0	1	0	B	0	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	2	0	0	0	A	2	0	0	0	A	2	0	0	0
	BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.		B	5	0	1	0	B	5	0	1	0	B	10	0	1	1
	R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.		A	0	0	0	0	A	0	0	0	0	A	11	2	1	0
	CROP NEMATODE RESEARCH AND CONTROL															
936-4149.		B	0	0	0	0	B	0	0	0	0	B	12	0	2	2
COUNTRY TOTAL:			940	3	17	8		1070	4	15	15		1123	5	16	18

COUNTRY: CYPRUS

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	10	0	2	0	A	12	0	2	0	A	0	0	0	0
COUNTRY TOTAL:			10	0	2	0		12	0	2	0		0	0	0	0

A - ACTIVE P - PENDING MISSION APPROVAL

NEAR EAST

COUNTRY: ALGERIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
936-4111.03	INT'L AGR RESEARCH CENTERS	B	413	0	0	0	B	432	0	0	0	B	455	0	0	0
COUNTRY TOTAL:			413	0	0	0		432	0	0	0		455	0	0	0

COUNTRY: EGYPT

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	5	0	1	7	A	6	0	1	8	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	6	0	2	8
931-0610.	BIO-TECHNOLOGY LIMITING FACTORS	A	15	0	2	1	A	15	0	2	0	A	15	0	3	1
931-0613.	N-FIXATION - SYMBIOTIC	A	10	0	2	1	A	10	0	2	1	A	5	0	1	0
931-0786.	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	B	20	0	0	2	B	0	0	0	0	B	0	0	0	0
931-1314.	AQUACULTURE TECHNOLOGY DEVELOPMENT	B	20	0	2	3	B	25	0	1	2	B	30	0	2	4
931-1323.	STORAGE/PROCESSING OF FRUITS/VEGETABLES	B	10	0	1	0	B	10	0	1	0	B	10	0	1	0
931-1328.	CRSP-SMALL RUMINANTS	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
936-4111.	INT'L AGR RESEARCH CENTERS	B	873	0	0	0	B	912	0	0	0	B	962	0	0	0
936-4120.	PRE-POSTHARVEST RODENT AND BIRD CONTROL	B	20	0	3	4	B	15	0	2	10	B	0	0	0	0
936-4127.	WATER MANAGEMENT SYNTHESIS II	A	0	0	0	0	A	75	0	2	4	A	0	0	0	0
936-4127.		B	75	0	2	4	B	0	0	0	0	B	75	0	2	4
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	2	0	0	0	A	2	0	0	0	A	2	0	0	0
936-4137.	BIO-TECHNOLOGY FOR TISSUE CULTURE	B	5	0	1	1	B	5	0	1	1	B	10	0	1	1
936-4144.	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	B	0	0	0	0	B	20	0	0	2	B	20	0	1	2

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY TOTAL:		1065	0	15	23		1095	0	12	28		1135	0	13	20

COUNTRY: TUNISIA

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.	A	0	0	0	1	A	0	0	0	1	A	0	0	0	0
BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.	A	10	0	2	1	A	10	0	2	0	A	15	0	3	1
N-FIXATION - SYMBIOTIC															
931-0613.C1	A	5	0	1	1	A	5	0	1	0	A	0	0	0	0
931-0613.C1	B	0	0	0	0	B	0	0	0	0	B	3	0	1	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	2	0	2	0	A	30	0	2	15	A	10	0	2	4
INT'L AGR RESEARCH CENTERS															
936-4111.C3	B	141	0	0	0	B	147	0	0	0	B	155	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	2	0	0	0	A	2	0	1	0	A	2	0	1	0
IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	0	0	0	0	B	10	0	1	1
COUNTRY TOTAL:		158	0	3	3		204	0	7	15		195	0	8	6

COUNTRY: IRAN

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L AGR RESEARCH CENTERS															
936-4111.	B	831	0	0	0	B	868	0	0	0	B	915	0	0	0
COUNTRY TOTAL:		831	0	0	0		868	0	0	0		915	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

NEAR EAST

LAST UPDATE: 16 MAY 85

COUNTRY: IRAQ

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L AGR RESEARCH CENTERS 936-4111.		B	286	0	0	0	B	299	0	0	0	B	315	0	0	0
COUNTRY TOTAL:			286	0	0	0		299	0	0	0		315	0	0	0

COUNTRY: KUWAIT

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG 931-3054.		A	0	0	0	1	A	8	0	1	1	A	0	0	0	0
INT'L AGR RESEARCH CENTERS 936-4111.		B	28	0	0	0	B	29	0	0	0	B	31	0	0	0
COUNTRY TOTAL:			28	0	0	1		37	0	1	1		31	0	0	0

COUNTRY: LEBANON

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L AGR RESEARCH CENTERS 936-4111.		B	56	0	0	0	B	59	0	0	0	B	62	0	0	0
COUNTRY TOTAL:			56	0	0	0		59	0	0	0		62	0	0	0

A - ACTIVE P - PENDING MISSION APPROVAL

NEAR EAST

COUNTRY: ISRAEL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	0	2	0	1	A	0	2	0	3	A	0	2	0	0
936-4111.	INT'L AGR RESEARCH CENTERS	B	85	2	0	0	B	88	2	0	0	B	93	2	0	0
COUNTRY TOTAL:			85	2	0	1		88	2	0	3		93	2	0	0

COUNTRY: OMAN

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0242.	FISHERIES-AQUACULTURE TECH. ASST.	B	0	0	0	0	B	0	0	0	0	B	8	0	2	0
COUNTRY TOTAL:			0	0	0	0		0	0	0	0		8	0	2	0

COUNTRY: SAUDI ARABIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	0	0	0	2	A	0	0	0	2	A	0	0	0	0
936-4111.	INT'L AGR RESEARCH CENTERS	B	197	0	0	0	B	206	0	0	0	B	217	0	0	0
COUNTRY TOTAL:			197	0	0	2		206	0	0	2		217	0	0	2

A - ACTIVE B - PENDING MISSION APPROVAL

NEAR EAST LAST UPDATE: 16 MAY 85

COUNTRY: SYRIA

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	15	0	3	0	A	10	0	3	0	A	0	0	0	0
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		B	10	0	2	2	B	10	0	2	2	B	5	0	2	2
INT'L AGR RESEARCH CENTERS																
936-4111.		B	197	0	0	0	B	206	0	0	0	B	217	0	0	0
COLLABORATIVE RESEARCH IARCS																
936-4136.		B	0	0	0	0	B	40	0	2	0	B	60	1	2	0
COUNTRY TOTAL:			222	0	5	2		266	0	7	2		282	1	4	2

COUNTRY: TURKEY

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	5	0	1	0	A	0	0	0	0	A	0	0	0	0
INT'L AGR RESEARCH CENTERS																
936-4111.		B	990	0	0	0	B	1036	0	0	0	B	1091	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	1	0	0	0	A	1	0	3	0	A	1	0	2	0
COUNTRY TOTAL:			996	0	1	0		1037	0	3	0		1092	0	2	0

COUNTRY: JORDAN

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	7	0	1	5	A	7	0	1	4	A	0	0	0	0
WEED CONTROL UTILIZATION																

A - ACTIVE B - PENDING MISSION APPROVAL

NEAR EAST														
931-0206. IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	A	5	0	1	5	A	0	0	0	0	A	0	0	0	0
931-0786. PEST MGMT/RELATED ENVIRNMTL PROTECT CICP	A	8	0	0	1	A	0	0	0	0	A	0	0	0	0
931-0930. SOILS MANAGEMENT SUPPORT SERVICES	B	20	0	2	0	B	0	0	0	0	B	0	0	0	0
931-1229. TECHNOLOGY OF SOIL MOISTURE MANAGEMENT	A	10	0	1	0	A	10	0	1	2	A	10	0	2	4
936-4021. INTERNATIONAL BENCHMARK SITES NETWORK	A	20	0	3	3	A	30	0	4	5	A	10	0	2	4
936-4054. INT'L AGR RESEARCH CENTERS	B	10	0	2	2	B	10	0	2	2	B	10	0	2	2
936-4111. WATER MANAGEMENT SYNTHESIS II	B	70	0	0	0	B	74	0	0	0	B	78	0	0	0
936-4127. IPM AND ENVIRON PROT INCL BIO-CONTROL	B	80	0	3	0	B	50	0	2	0	B	50	0	2	2
936-4142. POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
936-4144.	A	0	0	0	0	A	8	0	0	1	A	8	0	0	1
COUNTRY TOTAL:		230	0	13	16		199	0	11	12		166	0	8	11

COUNTRY: YEMEN

	FY 1985				FY 1986				FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP
ST/AGR												
SOILS MANAGEMENT SUPPORT SERVICES 931-1229.	B	0	0 0	0	B	0	0 0	0	B	10	0 1	2
INT'L AGR RESEARCH CENTERS 936-4111.	B	127	0 0	0	B	132	0 0	0	B	140	0 0	0
COUNTRY TOTAL:		127	0 0	0		132	0 0	0		150	0 1	2
TOTAL FOR REGION:		5644	3 56	56		6004	4 58	79		6239	5 54	59

A - ACTIVE B - PENDING MISSION APPROVAL

SOUTH ASIA LAST UPDATE: 10 MAY 85

COUNTRY: BHUTAN

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
936-4111.	INT'L AGR RESEARCH CENTERS	B	28	0	0	0	B	29	0	0	0	B	31	0	0	0
COUNTRY TOTAL:			28	0	0	0		29	0	0	0		31	0	0	0

COUNTRY: NEPAL

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	0	0	0	4	A	0	0	0	3	A	0	0	0	0
931-0613.01	N-FIKATION - SYMBIOTIC	A	5	0	2	0	A	5	0	2	0	A	0	0	0	0
931-0613.01		B	0	0	0	0	B	0	0	0	0	B	3	0	1	3
931-0786.	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	A	0	0	0	0	A	0	0	0	0	A	0	0	0	0
931-1323.	STORAGE/PROCESSING OF FRUITS/VEGETABLES	B	10	0	2	0	B	10	0	1	0	B	10	0	1	0
936-4099.	FARMING SYSTEMS SUPPORT	A	5	0	1	0	A	0	0	0	0	A	0	0	0	0
936-4111.	INT'L AGR RESEARCH CENTERS	B	310	0	0	0	B	324	0	0	0	B	341	0	0	0
936-4127.	WATER MANAGEMENT SYNTHESIS II	A	0	0	0	0	A	150	0	5	0	A	0	0	0	0
936-4127.		B	130	0	5	0	B	0	0	0	0	B	150	0	5	0
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
936-4143.	R+D OF IMP SEED PROD AND UTILIZATION	A	0	0	0	0	A	0	0	0	0	A	15	2	1	0
936-4144.	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:			461	0	10	4		500	0	9	4		520	2	8	0

A - ACTIVE B - PENDING MISSION APPROVAL

SOUTH ASIA LAST UPDATE: 16 MAY 85

COUNTRY: SRI LANKA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	5	0	1	3	A	12	0	2	2	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	8	0	2	0
AGR SECTOR RESEARCH SERVICES																
931-0060.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	2
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	15	0	2	1	A	10	0	1	0	A	10	0	2	1
N-FIXATION - SYMBIOTIC																
931-0613.		A	2	0	2	1	A	6	0	2	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	50	0	2	0	A	0	0	0	0	A	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	20	0	2	10	A	10	0	1	10	A	0	0	0	0
931-1229.		B	2	0	0	0	B	0	0	0	0	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		B	0	0	0	0	B	40	0	3	20	B	0	0	0	0
TECHNOLOGY OF SOIL MOISTURE MANAGEMENT																
936-4021.		A	10	0	1	2	A	10	0	1	2	A	20	0	3	4
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		B	10	0	2	2	B	12	0	2	1	B	10	0	2	2
AGRICULTURAL POLICY ANALYSIS																
936-4084.		A	80	1	4	0	A	20	0	1	0	A	0	0	0	0
936-4084.		B	0	0	0	0	B	0	0	0	0	B	5	0	4	0
INT'L AGR RESEARCH CENTERS																
936-4111.		B	324	0	0	0	B	338	0	0	0	B	357	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		A	0	0	0	0	A	250	1	4	0	A	0	0	0	0
936-4127.		B	220	1	2	0	B	0	0	0	0	B	250	1	4	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	2	0	0	0	A	5	0	3	0	A	7	0	3	0
BIO-TECHNOLOGY FOR TISSUE CULTURE																
936-4137.		B	5	0	1	0	B	5	0	1	1	B	10	0	1	1
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	15	0	1	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		A	0	0	0	0	A	0	0	0	0	A	30	0	0	0
936-4144.		B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:			743	2	22	19		746	1	24	37		724	3	25	8

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY: INDIA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	166	1	8	5	A	175	1	14	6	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	180	1	8	8
	FISHERIES-AQUACULTURE TECH. ASST.															
931-2242.		B	0	0	0	0	B	4	0	1	0	B	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.		A	20	0	4	1	A	0	0	0	0	A	20	0	4	1
931-0613.		B	0	0	0	0	B	20	0	4	1	B	0	0	0	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	40	0	5	30	A	50	0	6	40	A	30	0	3	4
	CRSP - SORGHUM/MILLET															
931-1254.		A	300	0	10	0	A	0	0	0	0	A	33	0	3	0
931-1254.		B	0	0	0	0	B	50	0	4	0	B	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	10	0	1	1	B	10	0	1	0	B	0	0	0	0
	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT															
936-4021.		A	20	0	4	4	A	12	0	1	2	A	20	0	2	3
	INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.		B	0	0	0	0	B	20	0	2	2	B	22	0	2	1
	INT'L AGR RESEARCH CENTERS															
936-4111.		B	14699	0	0	0	B	15356	0	0	0	B	16192	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		A	1200	2	18	0	A	1200	2	18	0	A	0	0	0	0
936-4127.		B	0	0	0	0	B	0	0	0	0	B	900	1	12	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	15	0	2	0	A	9	0	3	0	A	9	0	3	0
	COLLABORATIVE RESEARCH IARCS															
936-4135.		B	40	0	1	0	B	60	1	2	0	B	60	1	2	0
	BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.		B	5	0	1	0	B	5	0	1	0	B	10	0	1	1
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:			16515	3	54	41		16979	4	58	52		17474	3	40	18

A - ACTIVE B - PENDING MISSION APPROVAL

SOUTH ASIA LAST UPDATE: 16 MAY 85

COUNTRY: BANGLADESH

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	0	0	0	5	A	0	0	0	7	A	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.		A	10	0	3	1	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	10	0	3	0	B	2	0	1	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	10	0	1	1	B	10	0	1	0	B	10	0	1	0
	FISHERIES DEVELOPMENT SUPPORT SERVICES															
936-4024.		B	0	0	0	0	B	4	4	0	15	B	2	0	2	4
	INT'L AGR RESEARCH CENTERS															
936-4111.		B	1971	0	0	0	B	2059	0	0	0	B	2171	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		A	20	0	2	25	A	20	0	2	20	A	0	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		A	450	0	10	0	A	0	0	0	0	A	0	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
	BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.		B	5	0	1	0	B	10	0	2	1	B	15	0	2	2
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		B	0	0	0	0	B	12	0	1	1	B	15	0	1	2
	CROP NEMATODE RESEARCH AND CONTROL															
936-4149.		B	0	0	0	0	B	0	0	0	0	B	12	0	2	2
COUNTRY TOTAL:			2487	0	17	32		2134	4	9	45		2229	0	7	10

COUNTRY: PAKISTAN

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	18	0	4	4	A	22	0	4	3	A	0	0	0	0
	WEED CONTROL UTILIZATION															
931-0206.		A	2	0	2	24	A	2	0	0	0	A	0	0	2	2

N-FIXATION - SYMBIOTIC
A - ACTIVE B - PENDING MISSION APPROVAL

LAST UPDATE: 16 MAY 85

SOUTH ASIA														
931-0613.	A	10	0	2	1	A	6	0	2	1	A	0	0	0	0
931-0613.	B	0	0	0	0	B	0	0	0	0	B	0	0	0	1
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	B	20	0	2	1	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	0	0	0	0	A	30	0	4	5	A	20	0	4	4
931-1229.	B	30	0	4	30	B	0	0	0	0	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	20	0	1	0	B	10	0	1	0	B	15	0	1	0
CRSP-SMALL RUMINANTS															
931-1328.	B	10	1	1	0	B	10	0	2	0	B	10	0	2	0
INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.	A	15	0	2	2	A	15	0	2	2	A	15	0	2	2
AGRICULTURAL POLICY ANALYSIS															
936-4084.	B	10	0	2	0	B	40	0	1	0	B	10	0	3	0
INT'L AGR RESEARCH CENTERS															
936-4111.	B	1793	0	0	0	B	1873	0	0	0	B	1975	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.	B	30	0	3	25	B	35	0	3	20	B	0	0	0	0
WATER MANAGEMENT SYNTHESIS II															
936-4127.	A	0	0	0	0	A	400	0	0	0	A	0	0	0	0
936-4127.	B	250	1	6	0	B	0	0	0	0	B	400	1	6	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	10	0	2	0	A	5	0	3	0	A	5	0	3	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	15	2	1	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	A	0	0	0	0	A	0	0	0	0	A	50	0	2	0
936-4144.	B	0	0	0	0	B	20	0	2	2	B	0	0	0	0
CROP NEMATODE RESEARCH AND CONTROL															
936-4149.	A	0	0	0	0	A	10	0	2	2	A	0	0	0	0
COUNTRY TOTAL:		2224	2	33	87		2474	0	26	35		2517	3	29	7
TOTAL FOR REGION:		22438	7	136	183		22852	9	126	173		23494	11	109	43

A - ACTIVE B - PENDING MISSION APPROVAL

EAST ASIA

LAST UPDATE: 16 MAY 85

COUNTRY: HONG KONG

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L AGR RESEARCH CENTERS																
936-4111.		B	113	0	0	0	B	118	0	0	0	B	124	0	0	0
COUNTRY TOTAL:			113	0	0	0		118	0	0	0		124	0	0	0

COUNTRY: SINGAPORE

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	15	0	3	0	A	18	0	3	0	A	15	0	3	0
INT'L AGR RESEARCH CENTERS																
936-4111.		B	52	0	0	0	B	54	0	0	0	B	57	0	0	0
COUNTRY TOTAL:			67	0	3	0		72	0	3	0		75	0	3	0

COUNTRY: BURMA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	4	0	1	3	A	15	0	3	4	A	15	0	2	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	5	0	1	0	B	0	0	0	0
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	6	0	3	1	A	6	0	3	2	A	6	0	2	1
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	0	0	0	0	B	20	0	3	3	B	25	0	2	3
INT'L AGR RESEARCH CENTERS																

A - ACTIVE B - PENDING MISSION APPROVAL

LAST UPDATE: 16 MAY 85

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
EAST ASIA																
936-4111.		B	727	0	0	0	B	760	0	0	0	B	801	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		B	20	0	1	0	B	20	0	1	0	B	20	0	1	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	1	0	0	0	A	2	0	1	0	A	2	0	1	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		B	0	0	0	0	B	15	0	1	1	B	15	0	1	1
COUNTRY TOTAL:			758	0	5	4		843	0	13	12		884	0	9	5

COUNTRY: MALAYSIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-2054.		A	0	0	0	0	A	75	0	12	3	A	0	0	0	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	5	0	1	0	A	2	0	1	0	A	0	0	0	0
N-FIXATION - SYMBIOTIC																
931-0613.		A	4	0	3	0	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	5	0	2	0	B	2	0	1	0
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		B	10	0	2	1	B	5	0	2	1	B	5	0	2	1
INT'L AGR RESEARCH CENTERS																
936-4111.		B	296	0	0	0	B	309	0	0	0	B	326	0	0	0
COUNTRY TOTAL:			315	0	6	1		396	0	17	4		333	0	3	1

COUNTRY: TAIWAN

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		A	6	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	8	0	2	1	B	5	0	2	0
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		B	10	0	2	2	B	5	0	2	2	B	5	0	2	1
INT'L AGR RESEARCH CENTERS																
936-4111.		B	385	0	0	0	B	402	0	0	0	B	424	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	70	0	2	0	A	3	0	2	0	A	3	0	2	0

A - ACTIVE B - PENDING MISSION APPROVAL

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
EAST ASIA															
COLLABORATIVE RESEARCH IARCS															
936-4136.	B	0	0	0	0	B	30	0	1	0	B	60	1	2	0
CROP NEMATODE RESEARCH AND CONTROL															
936-4149.	A	0	0	0	0	A	10	0	2	2	A	0	0	0	0
REPRODUCTIVE STUDIES ON MILKFISH															
936-4161.	A	50	0	2	0	A	50	0	7	4	A	0	0	0	0
COUNTRY TOTAL:		521	0	8	2		508	0	16	9		500	1	8	1

COUNTRY: KOREA

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L AGR RESEARCH CENTERS															
936-4111.	B	840	0	0	0	B	878	0	0	0	B	925	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
CROP NEMATODE RESEARCH AND CONTROL															
936-4149.	B	0	0	0	0	B	0	0	0	0	B	12	0	2	2
COUNTRY TOTAL:		841	0	0	0		879	0	0	0		938	0	2	2

COUNTRY WESTERN SAMOA

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	10	0	1	10	A	70	0	3	10	A	10	0	1	2
COUNTRY TOTAL:		10	0	1	10		70	0	3	10		10	0	1	2

COUNTRY: PHILIPPINES

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															

A - ACTIVE P - PENDING MISSION APPROVAL

EAST ASIA

LAST UPDATE: 16 MAY 85

INT'L FERTILIZER DEVELOPMENT CTR - 33														
931-0054.	A	369	5	8	0	A	413	5	12	3	A	429	5	5	2
FISHERIES-AQUACULTURE TECH. ASST.														
931-0242.	A	3	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0242.	B	0	0	0	0	B	20	0	4	0	B	20	0	4	2
BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.	A	5	0	1	0	A	5	0	1	0	A	0	0	0	0
931-0610.	B	0	0	0	0	B	0	0	0	0	B	12	0	3	1
N-FIXATION - SYMBIOTIC															
931-0613.C1	A	5	0	2	0	A	6	0	2	1	A	0	0	0	0
931-0613.C1	B	0	0	0	0	B	0	0	0	0	B	6	0	2	1
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	B	35	0	2	25	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	20	0	3	0	A	20	0	3	0	A	10	0	2	4
CRSP - SORGHUM/MILLET															
931-1254.	A	250	1	5	2	A	200	0	5	2	A	80	0	1	2
AQUACULTURE TECHNOLOGY DEVELOPMENT															
931-1314.	B	0	0	0	0	B	25	0	2	4	B	30	0	2	2
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	40	0	2	1	B	20	0	1	35	B	20	0	2	3
CRSP-SMALL RUMINANTS															
931-1328.	A	10	0	3	0	A	0	0	0	0	A	0	0	0	0
931-1328.	B	0	0	0	0	B	20	0	7	0	B	50	2	4	6
TECHNOLOGY OF SOIL MOISTURE MANAGEMENT															
936-4021.	B	0	0	0	0	B	10	0	1	2	B	10	0	1	2
CRSP POND DYNAMICS															
936-4023.	A	155	1	5	3	A	230	0	4	4	A	230	1	4	4
FISHERIES DEVELOPMENT SUPPORT SERVICES															
936-4024.	B	0	0	0	0	B	40	0	8	12	B	5	0	1	3
CRSP - PEANUTS															
936-4048.	A	180	1	12	8	A	180	1	12	8	A	180	1	8	8
INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.	A	10	0	1	1	A	10	0	1	1	A	15	0	2	2
FARMING SYSTEMS SUPPORT															
936-4099.	A	35	0	5	5	A	0	0	0	0	A	0	0	0	0
936-4099.	B	0	0	0	0	B	40	0	2	0	B	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.	B	1047	0	0	0	B	1093	0	0	0	B	1153	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.	A	5	0	1	1	A	0	0	0	0	A	0	0	0	0
936-4120.	B	0	0	0	0	B	5	0	1	1	B	0	0	0	0
WATER MANAGEMENT SYNTHESIS II															
936-4127.	B	50	0	2	0	B	0	0	0	0	B	0	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	6	0	5	0	A	9	0	5	0	A	9	0	5	0
COLLABORATIVE RESEARCH IARCS															
936-4136.	B	40	0	1	0	B	50	1	2	0	B	60	1	2	0
BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.	A	15	0	2	0	A	0	0	0	0	A	0	0	0	0
936-4137.	B	0	0	0	0	B	20	0	2	2	B	25	0	2	2
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	30	2	2	0

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
EAST ASIA																
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		B	0	0	0	0	B	15	0	2	15	B	0	0	0	0
CRSP: STOCK ASSESSMENT FISHERIES																
936-4146.		A	30	1	2	0	A	150	1	4	2	A	200	1	5	3
CROP NEMATODE RESEARCH AND CONTROL																
936-4149.		A	0	0	0	0	A	12	0	2	2	A	0	0	0	0
REPRODUCTIVE STUDIES ON MILKFISH																
936-4161.		A	50	1	2	0	A	50	1	7	4	A	0	0	0	0
COUNTRY TOTAL:			2370	10	66	46		2641	9	90	95		2563	13	61	43
COUNTRY: THAILAND																
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	80	0	15	0	A	84	0	14	0	A	60	0	10	0
AGR SECTOR RESEARCH SERVICES																
931-0060.		B	0	0	0	0	B	20	0	1	0	B	10	0	1	0
WEED CONTROL UTILIZATION																
931-0206.		A	45	0	3	12	A	0	0	0	0	A	0	0	0	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		A	2	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	15	0	3	0	B	10	0	2	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		B	0	0	0	0	B	15	0	2	1	B	15	0	3	1
N-FIXATION - SYMBIOTIC																
931-0613.		A	65	1	12	1	A	65	1	10	0	A	60	1	8	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP																
931-0930.		B	30	0	3	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	40	0	3	10	A	40	0	3	10	A	10	0	3	5
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	0	0	0	0	B	20	0	2	3	B	25	0	1	2
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		B	50	0	4	1	B	120	1	2	50	B	20	0	1	2
TECHNOLOGY OF SOIL MOISTURE MANAGEMENT																
936-4021.		A	30	0	4	4	A	15	0	2	4	A	10	0	1	2
CRSP POND DYNAMICS																
936-4023.		A	140	1	4	3	A	200	1	3	3	A	200	1	4	4
FISHERIES DEVELOPMENT SUPPORT SERVICES																
936-4024.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
CRSP - PEANUTS																
936-4048.		A	180	1	12	12	A	180	1	12	12	A	180	1	8	8
INTERNATIONAL BENCHMARK SITES NETWORK																

A - ACTIVE B - PENDING MISSION APPROVAL

EAST ASIA

936-4054.	B	15	0	2	2	B	15	0	2	2	B	15	0	2	2
FARMING SYSTEMS SUPPORT															
936-4099.	A	20	0	4	6	A	0	0	0	0	A	0	0	0	0
936-4099.	B	0	0	0	0	B	20	0	2	10	B	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.	B	1014	0	0	0	B	1059	0	0	0	B	1117	0	0	0
WATER MANAGEMENT SYNTHESIS II															
936-4127.	A	0	0	0	0	A	50	0	3	0	A	0	0	0	0
936-4127.	B	75	0	3	0	B	0	0	0	0	B	50	0	3	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	4	0	3	0	A	3	0	2	0	A	3	0	2	0
BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.	A	20	0	2	2	A	0	0	0	0	A	0	0	0	0
936-4137.	B	0	0	0	0	B	40	0	2	2	B	40	0	2	1
IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	32	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	0	1	1	B	10	0	1	1
CROP NEMATODE RESEARCH AND CONTROL															
936-4149.	B	0	0	0	0	B	0	0	0	0	B	12	0	2	2
COUNTRY TOTAL:		1810	3	75	53		1981	4	67	98		1879	5	54	33

COUNTRY: INDONESIA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	304	3	18	7	A	339	3	21	6	A	400	3	16	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		A	1	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	15	0	3	0	B	20	0	4	0
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	10	0	2	1	A	6	0	2	1	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	0	0	0	0	B	6	0	2	1
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	20	0	2	0	A	0	0	0	0	A	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	10	0	1	0	A	30	0	3	10	A	20	0	4	5
CRSP-SOIL MANAGEMENT																
931-1311.		A	730	5	8	2	A	800	5	10	5	A	750	5	10	5
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		A	10	0	1	1	A	0	0	0	0	A	0	0	0	0
931-1314.		B	0	0	0	0	B	30	0	2	4	B	25	0	1	2
STORAGE/PROCESSING OF FRUITS/VEGETABLES																

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
EAST ASIA																
931-1323.		A	30	0	4	40	A	0	0	0	0	A	0	0	0	0
931-1323.		B	0	0	0	0	B	30	0	2	20	B	10	0	1	2
CRSP-SMALL RUMINANTS																
931-1328.		A	500	2	7	5	A	500	3	8	5	A	500	2	7	5
CRSP POND DYNAMICS																
936-4023.		A	155	1	5	3	A	230	1	4	4	A	230	1	4	4
FISHERIES DEVELOPMENT SUPPORT SERVICES																
936-4024.		B	0	0	0	0	B	10	0	2	3	B	5	0	1	4
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		A	10	0	2	2	A	10	0	2	2	A	15	0	2	2
INT'L AGR RESEARCH CENTERS																
936-4111.		B	3191	0	0	0	B	3334	0	0	0	B	3516	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL																
936-4120.		B	20	0	2	2	B	5	0	1	1	B	0	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		A	0	0	0	0	A	200	1	4	5	A	0	0	0	0
936-4127.		B	200	1	4	5	B	0	0	0	0	B	200	1	4	5
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	4	0	3	0	A	4	0	3	0	A	4	0	3	0
BIO-TECHNOLOGY FOR TISSUE CULTURE																
936-4137.		B	5	0	1	1	B	10	0	1	2	B	20	0	2	2
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	30	2	3	0
936-4143.		B	70	3	2	4	B	0	0	0	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		A	0	0	0	0	A	0	0	0	0	A	40	0	2	2
936-4144.		B	0	0	0	0	B	20	0	2	0	B	0	0	0	0
REPRODUCTIVE STUDIES ON MILKFISH																
936-4161.		A	2	0	1	0	A	6	0	3	0	A	0	0	0	0
COUNTRY TOTAL:			5272	15	64	73		5579	14	73	68		5791	15	65	39
COUNTRY: ASIA REGIONAL																
ST/AGR																
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		A	0	0	0	0	A	30	0	2	40	A	0	0	0	0
931-1323.		B	0	0	0	0	B	0	0	0	0	B	20	0	1	5
FARMING SYSTEMS SUPPORT																
936-4099.		A	10	0	2	0	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	40	0	3	20	B	40	0	3	20
COUNTRY TOTAL:			10	0	2	0		70	0	5	60		60	0	4	25

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT

BY GEOGRAPHIC AREA - FY 85 THRU 87

LAST UPDATE: 16 MAY 85

EAST ASIA

TOTAL FOR REGION:	12087	28	230	189	13157	27	287	354	13157	34	213	151

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA LAST UPDATE: 16 MAY 85

COUNTRY: GUYANA

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	19	0	0	0	B	20	0	0	0	B	21	0	0	0
	R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.		A	0	0	0	0	A	0	0	0	0	A	11	2	1	0
COUNTRY TOTAL:			19	0	0	0		20	0	0	0		32	2	1	0

COUNTRY: BELIZE

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
	AGR SECTOR RESEARCH SERVICES															
931-0060.		A	25	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0060.		B	0	0	0	0	B	0	0	0	0	B	10	0	1	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0796.		A	12	0	0	2	A	0	0	0	0	A	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	10	0	1	0	B	10	0	1	0	B	15	0	1	1
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		A	0	0	0	0	A	65	0	0	3	A	0	0	0	0
COUNTRY TOTAL:			47	0	2	2		75	0	1	3		25	0	2	1

COUNTRY: SURINAME

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	9	0	0	0	B	10	0	0	0	B	10	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY TOTAL:		9	0	0	0		12	0	0	0		10	0	0	0

COUNTRY: ARGENTINA

PROJECT / TITLE / ST/AGR	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.	A	11	0	1	0	A	0	0	0	0	A	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	605	0	0	0	B	583	0	0	0	B	567	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:		617	0	1	0		583	0	0	0		568	0	0	0

COUNTRY: BOLIVIA

PROJECT / TITLE / ST/AGR	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
WEED CONTROL UTILIZATION															
931-0206.	A	13	0	3	50	A	0	0	0	0	A	0	0	0	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.	B	20	0	2	0	B	0	0	0	0	B	0	0	0	0
AGRICULTURAL POLICY ANALYSIS															
936-4084.	B	5	0	3	0	B	13	0	1	0	B	5	0	1	0
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	122	0	0	0	B	128	0	0	0	B	134	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.	B	0	0	0	0	B	20	0	2	0	B	0	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	11	2	1	0
COUNTRY TOTAL:		161	0	8	50		159	0	3	0		151	2	2	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA — LAST UPDATE: 16 MAY 85

COUNTRY: BRAZIL

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	28	0	4	2	A	35	0	5	3	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	20	0	5	4
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	15	0	3	0	A	5	0	1	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	0	0	0	0	B	5	0	1	0
	N-FIXATION - SYMBIOTIC															
931-0613.		A	0	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	2	0	2	0	B	2	0	2	0
	CRSP - SORGHUM/MILLET															
931-1254.		A	0	0	0	0	A	0	0	0	0	A	31	0	4	0
	CRSP - BEANS AND COWPEAS															
931-1310.		A	320	2	6	3	A	320	2	8	3	A	300	2	10	3
	CRSP-SOIL MANAGEMENT															
931-1311.		A	165	4	7	1	A	175	5	6	2	A	180	4	8	3
	CRSP-SMALL RUMINANTS															
931-1328.		A	400	4	8	4	A	500	4	10	5	A	450	4	9	5
	INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.		B	0	0	0	0	B	5	0	1	1	B	5	0	2	1
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	2591	0	0	0	B	2736	0	0	0	B	2854	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			3520	10	30	10		3749	11	33	15		4048	10	41	10

COUNTRY: CHILE

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	244	0	0	0	B	255	0	0	0	B	269	0	0	0
COUNTRY TOTAL:			244	0	0	0		255	0	0	0		269	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA LAST UPDATE: 16 MAY 85

COUNTRY: COLOMBIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	175	2	10	4	A	180	2	0	0	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	180	2	0	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	15	0	2	1	A	10	0	2	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	0	0	0	0	B	5	0	1	1
N-FIXATION - SYMBIOTIC																
931-0613.		A	5	0	2	1	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	5	0	3	0	B	2	0	1	0
CRSP - SORGHUM/MILLET																
931-1254.		A	0	0	0	0	A	0	0	0	0	A	285	1	10	0
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	582	0	0	0	B	608	0	0	0	B	341	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	120	1	2	0	A	121	1	3	0	A	6	0	3	0
COLLABORATIVE RESEARCH IARCS																
936-4136.		B	0	0	0	0	B	20	0	1	0	B	50	1	2	0
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	26	2	2	0
COUNTRY TOTAL:			897	3	16	6		944	3	9	0		1195	5	19	1

COUNTRY: COSTA RICA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
WEED CONTROL UTILIZATION																
931-0206.		A	5	0	1	30	A	0	0	0	0	A	0	0	0	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	3	0	1	0	B	0	0	0	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	5	0	2	0	A	5	0	2	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	0	0	0	0	B	5	0	1	0
N-FIXATION - SYMBIOTIC																
931-0613.		A	10	0	2	1	A	8	0	2	0	A	2	0	1	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	0	0	6	0	A	0	0	0	0	A	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
LATIN AMERICA															
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	10	0	1	0	A	20	0	3	30	A	0	0	0	0
931-1229.	B	0	0	0	0	B	0	0	0	0	B	10	0	1	2
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	0	0	0	0	B	0	0	0	0	B	10	0	1	1
FISHERIES DEVELOPMENT SUPPORT SERVICES															
936-4024.	B	0	0	0	0	B	5	0	2	3	B	4	0	1	3
INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.	B	10	0	2	2	B	10	0	2	2	B	10	0	2	2
AGRICULTURAL POLICY ANALYSIS															
936-4084.	B	5	0	1	0	B	5	0	1	0	B	5	0	1	0
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	47	0	0	0	B	49	0	0	0	B	52	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.	B	5	0	2	6	B	5	0	2	10	B	0	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	2	0	1	0	A	2	0	1	0	A	2	0	1	0
BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.	B	5	0	1	0	B	5	0	1	1	B	10	0	1	1
IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	29	2	2	0
936-4143.	B	40	2	2	2	B	0	0	0	0	B	7	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	A	0	0	0	0	A	75	0	6	15	A	0	0	0	0
936-4144.	B	0	0	0	0	B	0	0	0	0	B	30	0	4	1
CRSP: STOCK ASSESSMENT FISHERIES															
936-4146.	A	30	0	2	0	A	150	1	4	2	A	200	1	5	3
CROP NEMATODE RESEARCH AND CONTROL															
936-4149.	A	0	0	0	0	A	4	0	2	2	A	0	0	0	0
COUNTRY TOTAL:		184	2	24	41		356	1	30	65		369	3	21	13

COUNTRY: DOMINICAN REPUBLIC

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0254.	A	3	0	1	0	A	0	0	0	0	A	0	0	0	0
AGR SECTOR RESEARCH SERVICES															
931-0262.	A	20	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0262.	B	0	0	0	0	B	10	0	1	0	B	10	0	1	0
FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.	B	0	0	0	0	B	3	0	1	0	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

LAST UPDATE: 16 MAY 85

LATIN AMERICA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	10	0	3	1	A	5	0	2	1	A	15	0	4	1
	N-FIXATION - SYMBIOTIC															
931-0613.		A	4	0	2	0	A	4	0	1	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
	CRSP - SORGHUM/MILLET															
931-1254.		A	0	0	0	0	A	0	0	0	0	A	25	0	4	1
	CRSP - BEANS AND COWPEAS															
931-1310.		A	425	0	8	2	A	415	0	8	2	A	350	2	6	2
	AQUACULTURE TECHNOLOGY DEVELOPMENT															
931-1314.		B	15	0	2	2	B	30	0	4	6	B	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	20	0	2	1	B	5	0	1	0	B	20	0	1	3
	AGRICULTURAL POLICY ANALYSIS															
936-4084.		B	50	0	4	0	B	20	0	3	0	B	10	0	2	0
	FARMING SYSTEMS SUPPORT															
936-4099.		A	20	0	2	20	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	30	0	2	15	B	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	117	0	0	0	B	123	0	0	0	B	129	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		B	5	0	1	1	B	5	0	1	1	B	0	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		B	150	0	4	4	B	200	0	5	4	B	200	0	5	4
	R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.		A	40	2	2	3	A	0	0	0	0	A	11	2	1	0
COUNTRY TOTAL:			979	2	33	34		850	0	29	29		772	4	25	11

COUNTRY: ECUADOR

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	5	0	1	0	A	0	0	0	0	A	0	0	0	0
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	3	0	1	0	B	2	0	1	0
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	12	0	2	1	A	12	0	2	0	A	10	0	2	1
	N-FIXATION - SYMBIOTIC															
931-0613.		A	5	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	5	0	0	0	B	2	0	1	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		A	20	0	3	0	A	0	0	0	0	A	0	0	0	0
	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.		B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
	SOILS MANAGEMENT SUPPORT SERVICES															

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
LATIN AMERICA																
931-1229.	CRSP - BEANS AND COWPEAS	A	10	0	1	0	A	20	0	2	10	A	10	0	1	2
931-1310.	AQUACULTURE TECHNOLOGY DEVELOPMENT	A	150	0	6	4	A	150	0	4	3	A	180	2	5	3
931-1314.	STORAGE/PROCESSING OF FRUITS/VEGETABLES	B	20	0	2	3	B	25	0	3	4	B	0	0	0	0
931-1323.		A	30	0	1	0	A	150	0	4	70	A	0	0	0	0
931-1323.		B	0	0	0	0	B	0	0	0	0	B	20	0	2	2
936-4024.	FISHERIES DEVELOPMENT SUPPORT SERVICES	A	6	0	3	0	A	0	0	0	0	A	0	0	0	0
936-4024.		B	0	0	0	0	B	5	0	2	2	B	8	0	3	3
936-4054.	INTERNATIONAL BENCHMARK SITES NETWORK	B	0	0	0	0	B	10	0	2	0	B	10	0	2	2
936-4111.C2	INT'L AGR RESEARCH CENTERS	B	183	0	0	0	B	191	0	0	0	B	202	0	0	0
936-4127.	WATER MANAGEMENT SYNTHESIS II	A	0	0	0	0	A	200	0	5	5	A	0	0	0	0
936-4127.		B	150	0	4	4	B	0	0	0	0	B	300	0	5	5
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
936-4142.	IPM AND ENVIRON PROT INCL BIO-CONTROL	B	0	0	0	0	B	20	0	2	0	B	0	0	0	0
936-4143.	R+D OF IMP SEED PROD AND UTILIZATION	A	0	0	0	0	A	0	0	0	0	A	11	2	1	0
936-4144.	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	A	0	0	0	0	A	0	0	0	0	A	14	0	1	3
936-4144.		B	0	0	0	0	B	10	0	1	15	B	0	0	0	0
COUNTRY TOTAL:			602	0	26	12		802	0	28	109		770	4	24	21

COUNTRY: EL SALVADOR

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-0060.	AGR SECTOR RESEARCH SERVICES	B	0	0	0	0	B	20	0	1	0	B	0	0	0	0
936-4084.	AGRICULTURAL POLICY ANALYSIS	B	30	0	5	0	B	30	0	3	0	B	20	0	2	0
936-4111.C2	INT'L AGR RESEARCH CENTERS	B	99	0	0	0	B	103	0	0	0	B	109	0	0	0
936-4120.	PRE-POSTHARVEST RODENT AND BIRD CONTROL	B	5	0	1	1	B	5	0	1	1	B	0	0	0	0
936-4127.	WATER MANAGEMENT SYNTHESIS II	A	0	0	0	0	A	50	0	4	0	A	0	0	0	0
936-4127.		B	0	0	0	0	B	0	0	0	0	B	50	0	4	0
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA															
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	2	1	1	B	12	0	1	1
COUNTRY TOTAL:		135	0	6	1		219	0	10	2		190	0	7	1

COUNTRY: GUATEMALA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
AGR SECTOR RESEARCH SERVICES																
931-0060.		B	0	0	0	0	B	10	0	1	0	B	42	0	3	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	2	0	1	0	B	0	0	0	0
N-FIXATION - SYMBIOTIC																
931-0613.01		A	5	0	2	1	A	5	0	2	2	A	2	0	0	2
931-0613.01		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	15	0	0	3	A	0	0	0	0	A	0	0	0	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP																
931-0930.		B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		B	0	0	0	0	B	0	0	0	0	B	10	0	1	2
CRSP - SORGHUM/MILLET																
931-1254.		B	100	0	3	1	B	100	0	2	1	B	0	0	0	0
CRSP - BEANS AND COWPEAS																
931-1510.		A	350	0	2	3	A	300	0	2	3	A	400	0	3	3
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	0	0	0	0	B	20	0	1	1	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		A	20	0	2	0	A	50	0	2	20	A	0	0	0	0
931-1323.		B	0	0	0	0	B	0	0	0	0	B	30	0	2	3
INT'L AGR RESEARCH CENTERS																
936-4111.02		B	155	0	0	0	B	162	0	0	0	B	171	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	27	2	2	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		A	0	0	0	0	A	25	0	0	2	A	25	0	0	2
COUNTRY TOTAL:			656	0	10	8		675	0	11	27		706	2	12	10

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA LAST UPDATE: 16 MAY 85

COUNTRY: HAITI

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	WEED CONTROL UTILIZATION															
931-0206.		A	2	0	1	3	A	0	0	0	0	A	0	0	0	0
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	2	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	5	0	2	1	B	5	0	1	1
	N-FIXATION - SYMBIOTIC															
931-0613.C1		A	5	0	2	1	A	0	0	0	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	5	0	1	0	B	2	0	1	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		A	15	0	3	0	A	0	0	0	0	A	0	0	0	0
	CRSP - SORGHUM/MILLET															
931-1254.		A	300	0	5	2	A	0	0	0	0	A	0	0	0	0
931-1254.		B	0	0	0	0	B	100	0	2	0	B	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	15	0	2	0	B	0	0	0	0	B	20	0	1	5
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	108	0	0	0	B	113	0	0	0	B	119	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		A	10	0	2	4	A	10	0	2	5	A	0	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		B	40	0	2	0	B	0	0	0	0	B	0	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		A	0	0	0	0	A	0	0	0	0	A	20	0	2	2
936-4144.		B	2	3	0	0	B	5	0	1	2	B	0	0	0	0
COUNTRY TOTAL:			438	0	18	12		239	0	8	8		167	0	5	6

COUNTRY: HONDURAS

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	AGR SECTOR RESEARCH SERVICES															
931-0062.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
	WEED CONTROL UTILIZATION															
931-0206.		A	5	0	1	32	A	0	0	0	0	A	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
LATIN AMERICA																
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		A	10	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	0	0	0	0	B	1	0	1	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	15	0	3	1	A	15	0	3	1	A	15	0	3	1
N-FIXATION - SYMBIOTIC																
931-0613.		A	2	0	1	1	A	5	0	2	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	0	0	0	0	B	2	0	2	2
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	20	0	2	4	A	0	0	0	0	A	0	0	0	0
CRSP - SORGHUM/MILLET																
931-1254.		A	325	1	8	3	A	325	2	8	2	A	286	1	8	2
CRSP - BEANS AND COWPEAS																
931-1310.		A	125	0	4	2	A	140	1	6	2	A	170	1	5	2
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		A	20	0	2	2	A	0	0	0	0	A	0	0	0	0
931-1314.		B	0	0	0	0	B	20	0	2	1	B	15	0	1	1
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		A	0	0	0	0	A	120	0	6	25	A	0	0	0	0
931-1323.		B	0	0	0	0	B	0	0	0	0	B	50	0	2	5
CRSP POND DYNAMICS																
936-4023.		A	100	1	3	3	A	150	1	2	3	A	150	1	2	4
FARMING SYSTEMS SUPPORT																
936-4099.		A	45	0	8	0	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	32	0	3	0	B	0	0	0	0
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	80	0	0	0	B	83	0	0	0	B	88	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL																
936-4120.		B	10	0	2	2	B	10	0	2	2	B	0	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	11	0	1	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		A	0	0	0	0	A	0	0	0	0	A	70	0	2	0
936-4144.		B	0	0	0	0	B	20	0	2	15	B	0	0	0	0
COUNTRY TOTAL:			758	2	35	48		929	4	37	51		559	3	27	15

COUNTRY: MEXICO

PROJECT	TITLE	STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	6	0	1	1	A	6	0	1	3	A	6	0	3	0
BIO-TECHNOLOGY LIMITING FACTORS																
931-0610.		A	5	0	1	0	A	5	0	1	1	A	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA														
931-0610.	B	0	0	0	0	B	0	0	0	0	B	5	0	2	0
N-FIXATION - SYMBIOTIC														
931-0613.	A	5	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0613.	B	0	0	0	0	B	3	0	2	0	B	2	0	1	2
CRSP - SORGHUM/MILLET														
931-1254.	A	350	0	10	2	A	200	0	5	4	A	118	1	9	3
CRSP - BEANS AND COWPEAS														
931-1310.	A	150	0	4	1	A	150	0	4	2	A	100	1	4	2
CRSP-SMALL RUMINANTS														
931-1328.	B	0	0	1	1	B	0	0	0	0	B	0	0	0	0
INT'L AGR RESEARCH CENTERS														
936-4111.C2	B	1474	0	0	0	B	1540	0	0	0	B	1623	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK														
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COLLABORATIVE RESEARCH IARCS														
936-4136.	B	20	0	1	0	B	30	0	2	0	B	50	1	2	0
BIO-TECHNOLOGY FOR TISSUE CULTURE														
936-4137.	A	15	0	2	0	A	0	0	0	0	A	0	0	0	0
936-4137.	B	0	0	0	0	B	20	0	2	2	B	25	0	2	2
COUNTRY TOTAL:		2026	0	22	5		1955	0	18	12		1930	3	23	7

COUNTRY: NICARAGUA

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP
	ST/AGR												
INT'L AGR RESEARCH CENTERS													
936-4111.C2		B	56	0 0	0	B	59	0 0	0	B	62	0 0	0
COUNTRY TOTAL:			56	0 0	0		59	0 0	0		62	0 0	0

COUNTRY: PANAMA

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF #OF TDYS	#OF PTP
	ST/AGR												
FISHERIES-AQUACULTURE TECH. ASST.													
931-0242.		A	10	0 1	0	A	0	0 2	0	A	0	0 0	0
931-0242.		B	0	0 0	0	B	0	0 0	0	B	1	0 1	0
BIO-TECHNOLOGY LIMITING FACTORS													
931-0610.		A	15	0 2	1	A	5	0 2	0	A	0	0 0	0
931-0610.		B	0	0 0	0	B	0	0 0	0	B	5	0 2	1

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA LAST UPDATE: 16 MAY 85

N-FIXATION - SYMBIOTIC															
931-0613.	A	2	0	2	0	A	0	0	0	0	A	0	0	0	0
931-0613.	B	0	0	0	0	B	2	0	1	0	B	2	0	1	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.	A	15	0	2	0	A	10	0	2	10	A	10	0	2	2
AQUACULTURE TECHNOLOGY DEVELOPMENT															
931-1314.	B	10	0	1	1	B	20	0	2	3	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	A	30	0	2	20	A	50	0	4	25	A	0	0	0	0
931-1323.	B	0	0	0	0	B	10	0	1	0	B	30	0	2	1
CRSP POND DYNAMICS															
936-4023.	A	157	2	4	3	A	240	2	4	4	A	240	2	4	4
INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.	A	10	0	2	1	A	10	0	2	1	A	10	0	2	1
AGRICULTURAL POLICY ANALYSIS															
936-4084.	B	10	0	2	0	B	5	0	2	0	B	5	0	1	0
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	42	0	0	0	B	44	0	0	0	B	47	0	0	0
BIO-TECHNOLOGY FOR TISSUE CULTURE															
936-4137.	B	5	0	1	0	B	5	0	1	1	B	10	0	1	1
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	0	0	0	0	A	0	0	0	0	A	11	2	1	0
COUNTRY TOTAL:		316	2	20	26		401	2	21	44		371	4	17	10

COUNTRY: PARAGUAY

PROJECT TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR															
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
FARMING SYSTEMS SUPPORT															
936-4099.	A	15	0	1	0	A	75	0	6	0	A	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	66	0	0	0	B	69	0	0	0	B	72	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	0	1	1	B	10	0	4	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA

COUNTRY TOTAL:		92	0	2	0		155	0	7	1		83	0	4	0
COUNTRY: PERU															
		FY 1985					FY 1986					FY 1987			
PROJECT / ST/AGR	TITLE	STATUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STATUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STATUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	INT'L FERTILIZER DEVELOPMENT CTR - CG														
931-0054.		A	12	0	2	0	A	20	0	4	0	A	0	0	2	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	20	0	4	0
	AGR SECTOR RESEARCH SERVICES															
931-0060.		B	0	0	0	0	B	10	0	1	0	B	12	0	1	0
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	2	0	1	0	B	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.		B	0	0	0	0	B	5	0	2	0	B	3	0	1	0
	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.		B	30	0	3	0	B	0	0	0	0	B	0	0	0	0
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	20	0	2	10	A	10	0	4	2	A	20	0	2	2
	CRSP - SORGHUM/MILLET															
931-1254.		A	0	0	0	0	A	0	0	0	0	A	5	0	2	0
	CRSP-SOIL MANAGEMENT															
931-1311.		A	750	4	15	10	A	750	5	10	8	A	750	5	8	8
	AQUACULTURE TECHNOLOGY DEVELOPMENT															
931-1314.		B	0	0	0	0	B	30	0	1	1	B	0	0	0	0
	CRSP-SMALL RUMINANTS															
931-1328.		A	900	6	12	7	A	900	5	10	7	A	900	5	12	8
	FISHERIES DEVELOPMENT SUPPORT SERVICES															
936-4024.		B	0	0	0	0	B	5	0	1	2	B	5	0	1	2
	INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.		B	10	0	2	1	B	10	0	2	1	B	12	0	3	1
	AGRICULTURAL POLICY ANALYSIS															
936-4084.		B	12	0	2	0	B	5	0	1	0	B	5	0	1	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	385	0	0	0	B	402	0	0	0	B	424	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		B	20	0	2	1	B	10	0	1	1	B	0	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		A	0	0	0	0	A	120	0	5	0	A	0	0	0	0
936-4127.		B	100	0	4	0	B	0	0	0	0	B	120	0	6	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	0	0	1	0	A	0	0	1	0	A	0	0	1	0
	COLLABORATIVE RESEARCH IARCS															
936-4136.		B	0	0	0	0	B	40	0	2	0	B	60	1	2	0
	IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.		B	0	0	0	0	B	20	0	2	0	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA														
R+D OF IMP SEED PROD AND UTILIZATION														
936-4143.	A	0	0	0	0	A	2	0	0	2	A	15	2	1	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D														
936-4144.	A	0	0	0	0	A	2	0	0	0	A	40	2	1	0
936-4144.	B	0	0	0	0	B	26	0	3	3	B	2	0	0	0
COUNTRY TOTAL:		2240	10	45	29		2268	10	51	25		2392	14	45	21

COUNTRY: URUGUAY

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	66	0	0	0	B	69	0	0	0	B	72	0	0	0
COUNTRY TOTAL:		66	0	0	0		69	0	0	0		72	0	0	0

COUNTRY: VENEZUELA

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.	A	52	0	9	4	A	18	0	3	1	A	0	0	0	0
BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.	A	2	0	1	0	A	0	0	0	0	A	0	0	0	0
INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.	A	15	0	2	1	A	15	0	2	1	A	15	0	2	1
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	324	0	0	0	B	338	0	0	0	B	357	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	2	0	1	0	A	2	0	1	0
COUNTRY TOTAL:		394	0	12	5		373	0	6	2		374	0	3	1

COUNTRY: JAMAICA

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	3	0	1	0	B	0	0	0	0
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		A	10	0	1	0	A	10	0	1	0	A	0	0	0	0
931-1323.		B	0	0	0	0	B	0	0	0	0	B	10	0	1	10
	FARMING SYSTEMS SUPPORT															
936-4099.		A	20	0	8	20	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	30	0	2	10	B	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	47	0	0	0	B	49	0	0	0	B	52	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	1	A	0	0	0	0
	CROP NEMATODE RESEARCH AND CONTROL															
936-4149.		A	0	0	0	0	A	4	0	2	2	A	0	0	0	0
COUNTRY TOTAL:			78	0	9	20		97	0	6	13		62	0	1	10

COUNTRY: TRINIDAD AND TOBAGO

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	N-FIXATION - SYMBIOTIC															
931-0613.		A	5	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	5	0	1	0	B	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	24	0	0	0	B	25	0	0	0	B	26	0	0	0
COUNTRY TOTAL:			29	0	1	0		30	0	1	0		26	0	0	0

COUNTRY: BARBADOS

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	10	0	1	0	A	10	0	2	0	A	12	0	2	0
	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP															
931-0930.		B	12	0	1	0	B	0	0	0	0	B	0	0	0	0
	IPM AND ENVIRON PROT INCL BIO-CONTROL															

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA															
936-4142.	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
COUNTRY TOTAL:		20	0	2	0		20	0	3	0		10	0	2	0

COUNTRY: CARIBBEAN REGIONAL

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	10	0	1	0	B	40	0	2	0	B	30	0	2	2
CRSP - PEANUTS															
936-4048.	A	67	0	8	2	A	67	0	8	2	A	67	0	4	4
COUNTRY TOTAL:		77	0	9	2		107	0	10	2		97	0	6	4

COUNTRY: GRENADA

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TJS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
AGR SECTOR RESEARCH SERVICES															
931-0200.	B	20	0	1	0	B	20	0	1	0	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	20	0	2	0	B	20	0	1	0	B	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.02	B	5	0	0	0	B	5	0	0	0	B	5	0	0	0
COUNTRY TOTAL:		45	0	3	0		45	0	2	0		5	0	0	0

COUNTRY: ST. LUCIA

		FY 1985				FY 1986				FY 1987				
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	SIA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.	B	0	0	0	0	B	2	0	1	0	B	0	0	0	0
INT'L AGR RESEARCH CENTERS															

A - ACTIVE B - PENDING MISSION APPROVAL

LATIN AMERICA 936-4111.C2	B	5	0	0	0	B	5	0	0	0	B	5	0	0	0
COUNTRY TOTAL:		5	0	0	0		7	0	1	0		5	0	0	0

COUNTRY: DECNAME 593*********

PROJECT TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
FISHERIES-AQUACULTURE TECH. ASST. 931-0242.	B	0	0	0	0	B	2	0	1	0	B	0	0	0	0
COUNTRY TOTAL:		0	0	0	0		2	0	1	0		0	0	0	0

COUNTRY: ROCAP

PROJECT TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
SOILS MANAGEMENT SUPPORT SERVICES 931-1229.	B	30	0	3	30	B	10	0	1	0	B	10	0	1	0
COUNTRY TOTAL:		30	0	3	30		10	0	1	0		10	0	1	0

COUNTRY: LAC REGIONAL

PROJECT TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
FARMING SYSTEMS SUPPORT 936-4099. 936-4099.	A B	40 0	0 0	5 0	50 0	A B	0 50	0 0	0 5	0 50	A B	0 50	0 0	0 5	0 50
COUNTRY TOTAL:		40	0	5	50		50	0	5	50		50	0	5	50

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT

BY GEOGRAPHIC AREA - FY 85 THRU 87

LAST UPDATE: 16 MAY 85

LATIN AMERICA

TOTAL FOR REGION:	14740	31	342	389	15613	31	331	458	15778	59	294	198

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

COUNTRY: DJIBOUTI

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	0	0	0	0	B	10	0	2	0
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	15	0	2	0	A	10	0	1	0	A	10	0	1	0
COUNTRY TOTAL:			15	0	2	0		10	0	1	0		20	0	3	0

COUNTRY: ZAMBIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	6	0	1	2	A	35	0	5	0	A	0	0	0	0
	WEED CONTROL UTILIZATION															
931-0206.		A	5	0	1	10	A	0	0	0	0	A	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.C1		A	10	0	3	1	A	5	0	2	1	A	15	0	3	1
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	0	0	0	0	A	10	0	2	3	A	10	0	1	2
931-1229.		B	32	0	3	32	B	0	0	0	0	B	0	0	0	0
	INTERNATIONAL BENCHMARK SITES NETWORK															
936-4054.		B	12	0	2	2	B	15	0	2	2	B	15	0	2	2
	INT'L AGR RESEARCH CENTERS															
936-4111.C3		B	127	0	0	0	B	132	0	0	0	B	140	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	9	0	3	0	A	15	0	4	0	A	15	0	4	0
	IPM AND ENVIRON PROT INCL BIO-CONTROL															
936-4142.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
COUNTRY TOTAL:			196	0	13	45		222	0	16	6		195	0	10	5

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

LAST UPDATE: 16 MAY 85

COUNTRY: MALAWI

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	12	0	2	2	A	18	0	3	2	A	0	0	0	0
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		A	15	0	3	1	A	10	0	2	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	0	0	0	0	B	5	0	1	1
	N-FIXATION - SYMBIOTIC															
931-0613.		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
	CRSP - BEANS AND COWPEAS															
931-1310.		A	225	2	2	2	A	253	2	2	2	A	180	2	2	2
	FARMING SYSTEMS SUPPORT															
936-4099.		A	1	0	0	2	A	0	0	0	0	A	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	131	0	0	0	B	137	0	0	0	B	145	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	3	0	0	0	A	2	0	1	0	A	2	0	1	0
COUNTRY TOTAL:			387	2	7	7		417	2	8	4		334	2	5	3

COUNTRY: ZIMBABWE

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	30	0	4	2	A	49	0	7	4	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	100	2	4	0
	N-FIXATION - SYMBIOTIC															
931-0613.C1		A	5	0	2	1	A	5	0	2	1	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	0	0	0	0	B	2	0	1	0
	SOILS MANAGEMENT SUPPORT SERVICES															
931-1229.		A	10	0	2	20	A	0	0	0	0	A	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	160	0	0	0	B	167	0	0	0	B	176	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	9	0	4	0	A	16	0	4	0	A	16	0	4	0
COUNTRY TOTAL:			214	0	12	23		237	0	13	5		294	2	9	0

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

COUNTRY: KENYA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	15	0	3	0	A	68	0	11	4	A	0	0	0	0
	WEED CONTROL UTILIZATION															
931-0206.		A	5	0	1	4	A	0	0	0	0	A	0	0	0	0
	BIO-TECHNOLOGY LIMITING FACTORS															
931-0610.		B	10	0	2	1	B	10	0	2	0	B	10	0	2	1
	N-FIXATION - SYMBIOTIC															
931-0613.		A	5	0	3	1	A	0	0	0	0	A	0	0	0	0
931-0613.		B	0	0	0	0	B	0	0	2	0	B	0	0	2	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
	CRSP - SORGHUM/MILLET															
931-1254.		A	0	0	0	0	A	0	0	0	0	A	80	1	2	0
	CRSP - BEANS AND COWPEAS															
931-1310.		A	250	0	3	2	A	275	0	2	2	A	150	1	3	2
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.			0	0	0	0		0	0	0	0		30	0	2	2
931-1323.		B	10	0	1	0	B	0	0	0	0	B	30	0	2	2
	CRSP-SMALL RUMINANTS															
931-1328.		A	850	4	10	4	A	750	4	11	4	A	850	4	10	4
	HOST RESISTANCE/INTEGRATED TICK CONTROL															
936-4083.		A	300	4	7	0	A	300	4	4	2	A	300	4	3	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C2		B	347	2	0	0	B	363	0	0	2	B	383	0	2	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4124.		B	20	2	2	3	B	10	0	1	1	B	2	0	2	2
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	2	0	0	2	A	2	0	1	0	A	2	0	1	1
	COLLABORATIVE RESEARCH IARCS															
936-4136.		B	0	0	0	0	B	20	0	2	0	B	50	1	2	0
	R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.		A	2	0	0	2	A	0	2	2	0	A	15	2	1	0
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		B	0	0	0	0	B	10	0	1	20	B	10	0	0	0
	CROP NEMATODE RESEARCH AND CONTROL															
936-4149.		B	0	0	0	0	B	0	0	0	0	B	12	0	2	2
COUNTRY TOTAL:			1814	8	32	15		1816	8	37	31		1725	13	32	13

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA LAST UPDATE: 16 MAY 85

COUNTRY: UGANDA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	286	0	0	0	B	299	0	0	0	B	315	0	0	0
COUNTRY TOTAL:			286	0	0	0		299	0	0	0		315	0	0	0

COUNTRY: NIGERIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-2054.		A	0	0	0	0	A	145	1	12	2	A	0	0	0	0
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	2	0	1	0	A	2	0	1	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
CRSP - BEANS AND COWPEAS																
931-1310.		A	439	0	1	2	A	375	0	4	2	A	124	1	3	1
CRSP - PEANUTS																
936-4048.		A	39	0	6	2	A	39	0	6	2	A	39	0	2	2
FARMING SYSTEMS SUPPORT																
936-4099.		A	20	0	3	0	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	20	0	2	0	B	20	0	2	0
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	1849	0	0	0	B	1932	0	0	0	B	2037	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	13	1	10	0	A	21	1	10	0	A	21	1	10	0
COLLABORATIVE RESEARCH IARCS																
936-4136.		B	30	0	1	0	B	50	1	2	0	B	60	1	2	0
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	0	0	0	0	A	0	0	0	0	A	27	2	2	0
COUNTRY TOTAL:			2353	1	25	4		2584	3	37	4		2324	5	23	3

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY: TANZANIA

PROJECT	TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	5	0	1	4	A	5	0	1	2	A	0	0	0	0
	WEED CONTROL UTILIZATION															
931-0206.		A	5	0	1	25	A	0	0	0	0	A	0	0	0	0
	N-FIXATION - SYMBIOTIC															
931-0613.C1		A	4	0	1	1	A	0	0	0	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	4	0	1	0	B	2	0	1	0
	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.		B	20	0	2	2	B	0	0	0	0	B	0	0	0	0
	CRSP - SORGHUM/MILLET															
931-1254.		A	250	1	5	3	A	300	1	3	2	A	0	0	0	0
	CRSP - BEANS AND COWPEAS															
931-1310.		A	400	0	2	1	A	375	0	4	1	A	275	1	1	2
	INT'L AGR RESEARCH CENTERS															
936-4111.C3		B	394	0	0	0	B	412	0	0	0	B	434	0	0	0
	PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.		B	20	0	2	2	B	5	0	1	1	B	0	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.		B	0	0	0	0	B	20	0	2	2	B	10	0	2	0
COUNTRY TOTAL:			1099	1	14	38		1123	1	12	8		722	1	7	2

COUNTRY: DECNAME 622*********

PROJECT	TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		A	2	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	5	0	2	0	B	2	0	1	0
COUNTRY TOTAL:			2	0	1	0		5	0	2	0		2	0	1	0

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA LAST UPDATE: 16 MAY 85

COUNTRY: REDSO-WEST AFR

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
931-0242.	FISHERIES-AQUACULTURE TECH. ASST.	B	0	0	0	0	B	4	0	1	0	B	0	0	0	0
COUNTRY TOTAL:			0	0	0	0		4	0	1	0		0	0	0	0

COUNTRY: CAMEROON

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	35	0	5	0	A	12	0	2	0	A	0	0	0	0
931-0610.	BIO-TECHNOLOGY LIMITING FACTORS	A	10	0	2	1	A	10	0	2	0	A	0	0	0	0
931-0610.		B	0	0	0	0	B	0	0	0	0	B	10	0	1	0
931-0786.	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	D	10	0	1	1	B	0	0	0	0	B	0	0	0	0
931-0930.	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP	B	30	0	3	0	B	0	0	0	0	B	0	0	0	0
931-1229.	SOILS MANAGEMENT SUPPORT SERVICES	A	15	0	1	0	A	0	0	0	0	A	10	0	1	2
931-1229.		B	0	0	0	0	B	15	0	1	0	B	0	0	0	0
931-1310.	CRSP - BEANS AND COWPEAS	A	300	1	2	1	A	250	1	2	1	A	170	1	2	1
931-1314.	AQUACULTURE TECHNOLOGY DEVELOPMENT	B	0	0	0	0	B	30	0	3	3	B	0	0	0	0
936-4021.	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT	B	0	0	0	0	B	10	0	1	2	B	10	0	1	2
936-4099.	FARMING SYSTEMS SUPPORT	A	25	0	4	0	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	25	0	4	0	B	25	0	4	0
936-4111.C2	INT'L AGR RESEARCH CENTERS	B	183	0	0	0	B	191	0	0	0	B	202	0	0	0
936-4120.	PRE-POSTHARVEST RODENT AND BIRD CONTROL	B	10	0	2	0	B	15	0	2	1	B	0	0	0	0
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
	IPM AND ENVIRON PROT INCL BIO-CONTROL															

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA															
936-4142.	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:		619	1	20	3		579	1	19	3		428	1	9	5

COUNTRY: LESOTHO

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	15	0	3	0	A	10	0	2	0	A	0	0	0	0
WEED CONTROL UTILIZATION																
931-0206.		A	5	0	1	5	A	0	0	0	0	A	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	20	0	2	0	A	0	0	0	0	A	10	0	1	2
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	28	0	0	0	B	29	0	0	0	B	31	0	0	0
IPM AND ENVIRON PROT INCL BIO-CONTROL																
936-4142.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
COUNTRY TOTAL:			68	0	6	5		49	0	3	0		41	0	1	2

COUNTRY: BOTSWANA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	0	0	0	2	A	0	0	0	0	A	0	0	0	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	10	0	0	2	A	0	0	0	0	A	0	0	0	0
CRSP - SORGHUM/MILLET																
931-1254.		A	300	1	10	3	A	400	2	6	3	A	262	2	6	2
CRSP - BEANS AND COWPEAS																
931-1310.		A	300	1	2	1	A	300	1	2	1	A	200	1	2	1
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	19	0	0	0	B	20	0	0	0	B	21	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		B	0	0	0	0	B	15	0	0	2	B	12	0	0	2

A - ACTIVE B - PENDING MISSION APPROVAL

	FY 1985				FY 1986				FY 1987			
COUNTRY TOTAL:	629	2	12	5	735	3	8	6	495	3	5	5

COUNTRY: ZAMBIA

PROJECT TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.	A	0	0	0	2	A	0	0	0	4	A	0	0	0	2
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	A	8	0	0	1	A	0	0	0	0	A	0	0	0	0
FARMING SYSTEMS SUPPORT															
936-4099.	A	80	0	8	40	A	0	0	0	0	A	0	2	0	2
936-4099.	B	0	0	0	0	B	0	0	0	0	B	50	0	2	15
INT'L AGR RESEARCH CENTERS															
936-4111.02	B	14	0	0	0	B	15	0	0	0	B	16	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	0	0	2	B	10	0	0	1
COUNTRY TOTAL:		102	0	8	43		25	0	0	6		76	0	2	16

COUNTRY: SIERRA LEONE

PROJECT TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.	B	0	0	0	0	B	2	0	1	0	B	0	0	0	0
FISHERIES DEVELOPMENT SUPPORT SERVICES															
936-4024.	B	0	0	0	0	B	10	0	2	3	B	5	0	0	3
FARMING SYSTEMS SUPPORT															
936-4099.	B	0	0	0	0	B	50	0	4	0	B	50	0	4	0
INT'L AGR RESEARCH CENTERS															
936-4111.03	B	75	0	0	0	B	78	0	0	0	B	83	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:		76	0	0	0		141	0	7	3		139	0	4	3

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA LAST UPDATE: 16 MAY 85

COUNTRY: GHANA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	2	0	1	1	A	0	0	0	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	2	0	1	0	B	2	0	1	0
FISHERIES DEVELOPMENT SUPPORT SERVICES																
936-4024.		B	0	0	0	0	B	4	0	1	3	B	2	0	0	3
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	253	0	0	0	B	265	0	0	0	B	279	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	3	0	0	0	A	1	0	0	0	A	1	0	0	0
R+D OF IMP SEED PROD AND UTILIZATION																
936-4143.		A	50	2	2	4	A	0	0	2	0	A	11	2	1	0
COUNTRY TOTAL:			308	2	3	5		272	0	2	3		295	2	2	3

COUNTRY: SWAZILAND

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	10	0	1	1	B	0	0	0	0	B	20	0	2	2
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	14	0	0	0	B	15	0	0	0	B	16	0	0	0
COUNTRY TOTAL:			24	0	1	1		15	0	0	0		36	0	2	2

COUNTRY: SOMALIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
AGR SECTOR RESEARCH SERVICES																
961-0260.		A	20	0	1	0	A	0	0	0	0	A	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

		FY 1985				FY 1986					FY 1987				
PROJECT TITLE		STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
AFRICA																
931-0060.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	0	0	0	0	B	5	0	1	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP																
931-0930.		B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	20	0	3	25	A	0	0	0	0	A	10	0	1	2
931-1229.		B	0	0	0	0	B	10	0	1	2	B	0	0	0	0
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	85	0	0	0	B	88	0	0	0	B	93	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL																
936-4120.		B	10	0	1	1	B	5	0	1	1	B	0	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		B	0	0	0	0	B	20	0	3	0	B	20	0	3	0
COUNTRY TOTAL:			145	0	6	26		133	0	6	3		128	0	5	2

COUNTRY: SUDAN

		FY 1985				FY 1986					FY 1987				
PROJECT TITLE		STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	0	0	0	1	A	0	0	0	0	A	0	0	0	0
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	2	0	2	1	A	0	0	0	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	4	0	1	0	B	2	0	1	0
PEST MGMT/RELATED ENVIRNMTL PROTECT CICP																
931-0930.		B	50	0	4	0	B	0	0	0	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	30	0	3	0	A	20	0	2	2	A	20	0	4	4
CRSP - SORGHUM/MILLET																
931-1254.		A	0	0	0	0	A	500	2	10	4	A	680	1	12	4
931-1254.		B	750	4	14	4	B	0	0	0	0	B	0	0	0	0
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	0	0	0	0	B	20	0	2	3	B	25	0	1	3
STORAGE/PROCESSING OF FRUITS/VEGETABLES																
931-1323.		B	10	0	1	0	B	0	0	0	0	B	20	0	1	1
TECHNOLOGY OF SOIL MOISTURE MANAGEMENT																
936-4021.		A	10	0	2	2	A	20	0	4	4	A	30	0	4	5
CRSP - PEANUTS																
936-4048.		A	40	0	9	2	A	49	0	9	2	A	49	0	9	4
INTERNATIONAL BENCHMARK SITES NETWORK																
936-4054.		B	5	0	2	1	B	10	0	2	1	B	10	0	2	1
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	399	0	0	0	B	417	0	0	0	B	440	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL																
936-4120.		B	10	0	2	0	B	10	0	1	1	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
AFRICA																
WATER MANAGEMENT SYNTHESIS II																
936-4127.		B	40	0	2	0	B	0	0	0	0	B	0	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	2	0	0	0	A	3	0	1	0	A	3	0	1	0
IPM AND ENVIRON PROT INCL BIO-CONTROL																
936-4142.		B	0	0	0	0	B	20	0	2	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		B	0	0	0	0	B	10	0	1	1	B	10	0	2	0
COUNTRY TOTAL:			1357	4	41	11		1083	2	35	18		1289	1	30	22
COUNTRY: CAPE VERDE																
	ST/AGR															
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		B	0	0	0	0	B	0	0	0	0	B	4	0	1	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		B	10	0	1	2	B	0	0	0	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		B	0	0	0	0	B	10	0	1	2	B	10	0	1	0
COUNTRY TOTAL:			10	0	1	2		10	0	1	2		14	0	2	0
COUNTRY: MOZAMBIQUE																
	ST/AGR															
INT'L AGR RESEARCH CENTERS																
936-4111.03		B	230	0	0	0	B	240	0	0	0	B	253	0	0	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	2	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			232	0	0	0		241	0	0	0		254	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA LAST UPDATE: 14 MAY 86

COUNTRY: GUINEA-BISSAU

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
931-0242.	FISHERIES-AQUACULTURE TECH. ASST.	B	0	0	0	0	B	0	2	2	0	B	4	2	1	0
936-4024.	FISHERIES DEVELOPMENT SUPPORT SERVICES	B	0	0	0	0	B	8	2	2	3	B	10	0	1	4
936-4111.C2	INT'L AGR RESEARCH CENTERS	B	19	0	0	0	B	20	2	2	0	B	21	2	2	0
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			20	0	0	0		29	0	2	3		36	0	2	4

COUNTRY: ZAIRE

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR																
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	0	0	0	0	A	7	0	1	0	A	0	0	0	0
931-0610.	BIO-TECHNOLOGY LIMITING FACTORS	B	0	0	0	0	B	15	0	3	1	B	15	0	3	1
931-0786.	IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
931-0930.	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP	B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
931-1229.	SOILS MANAGEMENT SUPPORT SERVICES	A	40	0	3	10	A	10	0	3	3	A	10	0	1	2
931-1314.	AQUACULTURE TECHNOLOGY DEVELOPMENT	B	0	0	0	0	B	10	0	1	2	B	0	0	0	0
936-4054.	INTERNATIONAL BENCHMARK SITES NETWORK	B	15	0	2	3	B	15	0	2	2	B	15	0	2	2
936-4084.	AGRICULTURAL POLICY ANALYSIS	B	50	0	4	0	B	80	0	4	0	B	50	0	4	0
936-4111.C3	INT'L AGR RESEARCH CENTERS	B	620	0	0	0	B	647	0	0	0	B	582	0	0	0
936-4132.	INTERNATIONAL SOYBEAN RESEARCH NETWORK	A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
936-4144.	POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D	B	0	0	0	0	B	10	0	1	15	B	10	0	2	0

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT

BY GEOGRAPHIC AREA - FY 85 THRU 87

AFRICA

LAST UPDATE: 16 MAY 85

		FY 1985				FY 1986				FY 1987			
		STA	AMT	STAF	#OF	#OF	STA	AMT	STAF	#OF	#OF	STA	AMT	STAF	#OF	#OF
PROJECT	TITLE	TUS	($000)		TDYS	PTP	TUS	($000)		TDYS	PTP	TUS	($000)		TDYS	PTP
COUNTRY TOTAL:			746	0	11	13		795	0	15	23		783	0	12	5
COUNTRY: ETHIOPIA																
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	5	0	1	0	A	5	0	1	0	A	0	0	0	0
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	685	0	0	0	B	716	0	0	0	B	755	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	3	0	0	0	A	1	0	0	0	A	1	0	0	0
	COLLABORATIVE RESEARCH IARCS															
936-4136.		B	0	0	0	0	B	33	0	2	0	B	50	1	2	0
COUNTRY TOTAL:			693	0	1	0		753	0	3	2		806	1	2	0
COUNTRY: LIBERIA																
	ST/AGR															
	AGRICULTURAL POLICY ANALYSIS															
936-4084.		B	60	0	3	0	B	30	0	3	0	B	20	0	3	0
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	42	0	0	0	B	44	0	0	2	B	47	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			103	0	3	0		75	0	3	0		68	0	3	0
COUNTRY: LIBYA																
	ST/AGR															

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT / TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
INT'L AGR RESEARCH CENTERS															
936-4111.02	B	66	0	0	0	B	69	0	0	0	B	72	0	0	0
COUNTRY TOTAL:		66	0	0	0		69	0	0	0		72	0	0	0
COUNTRY: GUINEA															
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CO															
931-0054.	A	0	0	0	0	A	7	0	1	0	A	0	0	0	0
INT'L AGR RESEARCH CENTERS															
936-4111.02	B	117	0	0	0	B	123	0	0	0	B	129	0	0	0
COUNTRY TOTAL:		117	0	0	0		130	0	1	0		129	0	0	0
COUNTRY: CENTRAL AFR REPUBLIC															
ST/AGR															
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS															
931-0786.	B	30	0	4	3	B	0	0	0	0	B	0	0	0	0
STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.	B	0	0	0	0	B	0	0	0	0	B	50	0	2	10
INT'L AGR RESEARCH CENTERS															
936-4111.02	B	52	0	0	0	B	54	0	0	0	B	57	0	0	0
PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.	B	20	0	2	1	B	25	0	3	1	B	0	0	0	0
COUNTRY TOTAL:		102	0	6	4		79	0	3	1		107	0	2	10
COUNTRY: CHAD															
ST/AGR															

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

PROJECT	TITLE	STA	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STA	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STA	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	99	0	0	0	B	103	0	0	0	B	109	2	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		A	0	0	0	0	A	40	0	3	0	A	0	0	0	0
936-4127.		B	20	0	0	0	B	0	0	0	0	B	40	0	4	0
COUNTRY TOTAL:			119	0	0	0		143	0	3	0		149	0	4	0

COUNTRY: GABON

PROJECT	TITLE	STA	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STA	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STA	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	14	0	0	0	B	15	0	0	0	B	16	0	0	0
	INTERNATIONAL SOYBEAN RESEARCH NETWORK															
936-4132.		A	2	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			16	0	0	0		16	0	0	0		17	0	0	0

COUNTRY: CONGO

PROJECT	TITLE	STA	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STA	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STA	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	33	0	0	0	B	34	0	0	0	B	36	0	0	0
COUNTRY TOTAL:			33	0	0	0		34	0	0	0		36	0	0	0

COUNTRY: BENIN

PROJECT	TITLE	STA	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STA	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STA	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
	INT'L AGR RESEARCH CENTERS															
936-4111.02		B	25	2	0	0	B	78	2	0	2	B	83	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

		FY 1985				FY 1986				FY 1987			
COUNTRY TOTAL:		75	0	0	0		79	2	0	3		83	2	3	0

COUNTRY: IVORY COAST

PROJECT	TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	20	0	4	2	A	24	0	4	0	A	0	0	0	0
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		B	0	0	0	0	B	30	0	1	2	B	20	0	1	1
FARMING SYSTEMS SUPPORT																
936-4099.		A	25	0	4	3	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	10	0	1	2	B	10	0	1	2
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	188	0	0	0	B	196	2	0	0	B	207	0	2	0
INTERNATIONAL SOYBEAN RESEARCH NETWORK																
936-4132.		A	1	0	0	0	A	1	0	0	0	A	1	0	0	0
COUNTRY TOTAL:			234	0	8	5		261	0	6	2		238	0	2	1

COUNTRY: MAURITANIA

PROJECT	TITLE	STA TUS	FY 1985 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1986 AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	FY 1987 AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0780.		B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
AGRICULTURAL POLICY ANALYSIS																
936-4064.		B	10	0	2	0	B	60	0	3	0	B	10	0	3	0
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	38	0	0	0	B	39	0	0	0	B	41	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		B	60	0	3	0	B	20	0	3	0	B	20	0	4	0
COUNTRY TOTAL:			108	0	5	0		119	0	6	0		71	0	7	0

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA LAST UPDATE: 16 MAY 85

COUNTRY: NIGER

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	129	2	8	0	A	143	2	8	2	A	150	2	6	3
	CRSP - SORGHUM/MILLET															
931-1254.		A	250	0	8	2	A	300	0	8	2	A	120	0	12	2
	CRSP-SOIL MANAGEMENT															
931-1311.		A	642	4	8	1	A	652	5	10	3	A	675	5	12	3
	AQUACULTURE TECHNOLOGY DEVELOPMENT															
931-1314.		A	10	0	1	1	A	0	0	0	0	A	0	0	0	0
931-1314.		B	0	0	0	0	B	0	0	0	0	B	20	0	2	1
	STORAGE/PROCESSING OF FRUITS/VEGETABLES															
931-1323.		B	0	0	0	0	B	0	0	0	0	B	20	1	1	0
	CRSP-SMALL RUMINANTS															
931-1328.		B	5	1	1	0	B	0	0	0	0	B	0	0	0	0
	TECHNOLOGY OF SOIL MOISTURE MANAGEMENT															
936-4021.		A	10	0	2	2	A	20	0	4	4	A	20	0	4	5
	CRSP - PEANUTS															
936-4048.		A	23	0	3	1	A	23	0	3	1	A	23	0	1	1
	AGRICULTURAL POLICY ANALYSIS															
936-4084.		B	0	0	2	0	B	60	0	3	0	B	5	0	2	0
	INT'L AGR RESEARCH CENTERS															
936-4111.C3		B	117	0	0	0	B	123	0	0	0	B	129	0	0	0
	WATER MANAGEMENT SYNTHESIS II															
936-4127.		A	0	0	0	0	A	40	1	3	0	A	0	0	0	0
936-4127.		B	0	0	0	0	B	0	0	0	0	B	40	1	5	0
COUNTRY TOTAL:			1184	7	33	7		1369	8	39	12		1202	9	41	15

COUNTRY: SENEGAL

PROJECT	TITLE	FY 1985 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1986 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	FY 1987 STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
	ST/AGR															
	INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.		A	15	0	5	2	A	15	0	5	0	A	0	0	0	0
	AGR SECTOR RESEARCH SERVICES															
931-0062.		B	0	0	0	0	B	12	0	1	0	B	0	0	0	0
	FISHERIES-AQUACULTURE TECH. ASST.															
931-0242.		B	0	0	0	0	B	0	0	1	0	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

PROJECT	TITLE	STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
N-FIXATION - SYMBIOTIC																
931-0613.C1		A	10	0	2	1	A	0	0	0	0	A	0	0	0	0
931-0613.C1		B	0	0	0	0	B	0	0	0	0	B	4	0	2	1
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		A	20	0	3	0	A	0	0	0	0	A	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	10	0	1	0	A	20	0	3	5	A	20	0	2	4
CRSP - SORGHUM/MILLET																
931-1254.		A	0	0	0	0	A	0	0	0	0	A	35	0	1	0
CRSP - BEANS AND COWPEAS																
931-1310.		A	250	1	4	2	A	300	1	4	3	A	200	1	4	3
TECHNOLOGY OF SOIL MOISTURE MANAGEMENT																
936-4021.		A	10	0	2	2	A	20	0	2	3	A	22	0	3	3
CRSP - PEANUTS																
936-4048.		A	200	1	10	6	A	200	1	10	6	A	200	1	6	6
AGRICULTURAL POLICY ANALYSIS																
936-4084.		B	50	0	2	0	B	40	0	2	0	B	20	0	2	0
FARMING SYSTEMS SUPPORT																
936-4099.		A	35	0	2	10	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	10	0	0	4	B	20	0	5	20
INT'L AGR RESEARCH CENTERS																
936-4111.C3		B	122	0	0	0	B	128	0	0	0	B	134	0	0	0
WATER MANAGEMENT SYNTHESIS II																
936-4127.		B	100	0	0	4	B	0	0	0	0	B	0	0	0	0
IPM AND ENVIRON PROT INCL BIO-CONTROL																
936-4142.		B	0	0	0	0	B	20	0	2	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D																
936-4144.		A	0	0	0	0	A	0	0	0	0	A	15	0	0	0
936-4144.		B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:			825	2	32	25		780	2	33	22		568	2	27	37

COUNTRY: BURKINA

PROJECT	TITLE	STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG																
931-0054.		A	78	0	12	4	A	100	0	16	0	A	0	0	0	0
AGR SECTOR RESEARCH SERVICES																
931-0060.		B	45	0	2	0	B	10	0	1	0	B	0	0	0	0
IMPROVEMENT OF POSTHARVEST GRAIN SYSTEMS																
931-0786.		B	10	0	1	0	B	0	0	0	0	B	0	0	0	0
CRSP - SORGHUM/MILLET																
931-1254.		A	0	0	0	0	A	0	0	0	0	A	13	0	1	0
CRSP - PEANUTS																
936-4048.		A	51	0	6	3	A	51	0	6	3	A	51	0	2	3
INT'L AGR RESEARCH CENTERS																

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA															
936-4111.C3	B	127	0	0	0	B	132	3	0	3	B	140	3	4	
PRE-POSTHARVEST RODENT AND BIRD CONTROL															
936-4120.	B	10	0	1	0	B	5	2	1	0	B	0	0	2	0
R+D OF IMP SEED PROD AND UTILIZATION															
936-4143.	A	60	4	4	3	A	0	0	0	0	A	0	0	0	0
936-4143.	B	0	0	0	0	B	0	0	0	0	B	0	0	0	0
POSTHARVEST GRAIN SYS/AGRIBUSINESS R+D															
936-4144.	B	0	0	0	0	B	10	0	1	1	B	0	0	0	0
COUNTRY TOTAL:		381	4	26	10		308	0	25	4		204	0	3	3

COUNTRY: MADAGASCAR

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
AGR SECTOR RESEARCH SERVICES															
931-0062.	A	30	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0060.	B	0	0	0	0	B	20	0	2	0	B	0	0	2	0
AGRICULTURAL POLICY ANALYSIS															
936-4084.	B	50	0	4	0	B	30	0	4	0	B	0	5	0	1
INT'L AGR RESEARCH CENTERS															
936-4111.C2	B	192	0	0	0	B	201	0	0	0	B	212	0	0	0
COUNTRY TOTAL:		272	0	5	0		251	0	6	0		212	5	0	1

COUNTRY: MALI

		FY 1985					FY 1986					FY 1987			
PROJECT TITLE	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP	STA TUS	AMT ($000)	STAF	#OF TDYS	#OF PTP
ST/AGR															
INT'L FERTILIZER DEVELOPMENT CTR - CG															
931-0054.	A	48	0	8	4	A	62	0	8	3	A	0	2	2	0
AGR SECTOR RESEARCH SERVICES															
931-0062.	B	0	0	2	0	B	12	0	1	0	B	25	0	2	2
N-FIXATION - SYMBIOTIC															
931-0613.	A	2	0	1	0	A	0	0	0	0	A	0	2	0	0
931-0613.	B	2	0	2	0	B	2	0	1	2	B	2	0	1	0
CRSP - SORGHUM/MILLET															
931-1254.	A	235	0	9	2	A	250	2	5	2	A	50	0	2	2
CRSP-SOIL MANAGEMENT															
931-1311.	A	25	0	4	1	A	42	0	4	2	A	50	0	6	2

TECHNOLOGY OF SOIL MOISTURE MANAGEMENT

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

LAST UPDATE: 15 MAY 85

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
936-4021.	CRSP - PEANUTS	A	10	0	2	2	A	20	0	3	3	A	20	0	3	3
936-4045.	FARMING SYSTEMS SUPPORT	A	23	0	3	1	A	23	0	3	1	A	23	0	1	1
936-4099.		A	20	0	1	10	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	50	0	5	0	B	100	0	10	0
936-4111.C2	INT'L AGR RESEARCH CENTERS	B	150	0	0	0	B	157	0	0	0	B	165	0	0	0
936-4127.	WATER MANAGEMENT SYNTHESIS II	B	30	0	2	0	B	0	0	0	0	B	0	0	0	0
COUNTRY TOTAL:			543	0	30	20		614	0	32	11		435	0	25	8

COUNTRY: TOGO

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	5	0	1	0	A	15	0	3	0	A	0	0	0	0
931-0054.		B	0	0	0	0	B	0	0	0	0	B	15	0	3	0
931-0930.	PEST MGMT/RELATED ENVIRNMTL PROTECT CICP	A	50	0	4	0	A	0	0	0	0	A	0	0	0	0
936-4099.	FARMING SYSTEMS SUPPORT	A	60	0	4	10	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	60	0	4	20	B	60	0	4	20
936-4111.C3	INT'L AGR RESEARCH CENTERS	B	56	0	0	0	B	59	0	0	0	B	63	0	0	0
936-4142.	IPM AND ENVIRON PROT INCL BIO-CONTROL	B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
COUNTRY TOTAL:			171	0	9	10		144	0	8	20		138	0	7	20

COUNTRY: BURUNDI

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
	ST/AGR															
931-0054.	INT'L FERTILIZER DEVELOPMENT CTR - CG	A	0	0	0	0	A	7	0	1	0	A	0	0	0	0
931-1229.	SOILS MANAGEMENT SUPPORT SERVICES	A	25	0	2	0	A	30	0	2	15	A	10	0	1	2

INTERNATIONAL BENCHMARK SITES NETWORK

A - ACTIVE B - PENDING MISSION APPROVAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
AFRICA																
936-4054.	FARMING SYSTEMS SUPPORT	A	10	0	2	2	A	10	0	2	2	A	10	0	2	2
936-4099.	INT'L AGR RESEARCH CENTERS	B	0	0	0	0	B	20	0	2	15	B	20	0	2	10
936-4111.C2	INTERNATIONAL SOYBEAN RESEARCH NETWORK	B	89	0	0	0	B	93	0	0	0	B	98	0	0	0
936-4132.	IPM AND ENVIRON PROT INCL BIO-CONTROL	A	2	0	0	0	A	1	0	0	0	A	1	0	0	0
936-4142.		B	0	0	0	0	B	10	0	1	0	B	0	0	0	0
COUNTRY TOTAL:			126	0	4	2		171	0	8	32		139	0	5	14

COUNTRY: RWANDA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
FISHERIES-AQUACULTURE TECH. ASST.																
931-0242.		A	3	0	1	0	A	0	0	0	0	A	0	0	0	0
931-0242.		B	0	0	0	0	B	5	0	1	0	B	0	0	0	0
SOILS MANAGEMENT SUPPORT SERVICES																
931-1229.		A	20	0	2	25	A	17	0	2	15	A	10	0	1	2
AQUACULTURE TECHNOLOGY DEVELOPMENT																
931-1314.		A	15	0	2	1	A	0	0	0	0	A	0	0	0	0
931-1314.		B	0	0	0	0	B	15	0	1	2	B	20	0	1	2
CRSP POND DYNAMICS																
936-4023.		A	140	1	3	3	A	200	1	3	3	A	200	1	3	4
INT'L AGR RESEARCH CENTERS																
936-4111.C2		B	113	0	0	0	B	118	0	0	0	B	124	0	0	0
COUNTRY TOTAL:			291	1	8	29		368	1	7	20		354	1	5	8

COUNTRY: AFRICA REGIONAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
FARMING SYSTEMS SUPPORT																
936-4099.		A	220	0	5	40	A	0	0	0	0	A	0	0	0	0
936-4099.		B	0	0	0	0	B	500	1	15	60	B	500	1	13	60
COUNTRY TOTAL:			220	0	5	40		500	1	15	60		500	1	13	60

A - ACTIVE B - PENDING MISSION APPROVAL

AFRICA

TOTAL FOR REGION:	16361	35	390	401	17079	32	423	315	15573	49	312	272

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT

BY GEOGRAPHIC AREA - FY 85 THRU 87

05/16

PROJECT SERVICES AT MISSION OR BUREAU REQUEST LAST UPDATE: 16 MAY 85

COUNTRY: SERVICES AT MISSION / BUREAU REQUEST

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-1323.	STORAGE/PROCESSING OF FRUITS/VEGETABLES	B	7	0	1	0	B	0	0	0	0	B	200	0	5	20
COUNTRY TOTAL:			7	0	1	0		0	0	0	0		200	0	5	20
TOTAL FOR REGION:			7	0	1	0		0	0	0	0		200	0	5	20

A - ACTIVE P - PENDING MISSION APPROVAL

COUNTRY: SOLOMON ISLANDS

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF TDYS	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF TDYS	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF TDYS	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
SOILS MANAGEMENT SUPPORT SERVICES 931-1229.		A	0	0	0	0	A	40	0	3	25	A	10	0	1	2
COUNTRY TOTAL:			0	0	0	0		40	0	3	25		10	0	1	2

COUNTRY: SO PACIFIC REGIONAL

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF TDYS	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF TDYS	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF TDYS	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
FISHERIES-AQUACULTURE TECH. ASST. 931-0242.		B	0	0	0	0	B	6	0	1	0	B	7	0	1	0
COUNTRY TOTAL:			0	0	0	0		6	0	1	0		7	0	1	0

COUNTRY: AUSTRALIA

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF TDYS	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF TDYS	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF TDYS	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
INT'L FERTILIZER DEVELOPMENT CTR - CG 931-0054.		A	30	0	4	0	A	30	0	4	0	A	0	0	0	0
COUNTRY TOTAL:			30	0	4	0		30	0	4	0		0	0	0	0

COUNTRY: FIJI

PROJECT	TITLE	FY 1985 STA TUS	FY 1985 AMT ($000)	FY 1985 STAF TDYS	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STA TUS	FY 1986 AMT ($000)	FY 1986 STAF TDYS	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STA TUS	FY 1987 AMT ($000)	FY 1987 STAF TDYS	FY 1987 #OF TDYS	FY 1987 #OF PTP

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT

BY GEOGRAPHIC AREA - FY 85 THRU 87

LAST UPDATE: 16 MAY 85

OTHER

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-1229.	SOILS MANAGEMENT SUPPORT SERVICES	A	10	0	1	0	A	0	0	0	0	A	10	0	1	2
COUNTRY TOTAL:			10	0	1	0		0	0	0	0		10	0	1	2

COUNTRY: PAPUA NEW GUINEA

PROJECT	TITLE	FY 1985 STATUS	FY 1985 AMT ($000)	FY 1985 STAF	FY 1985 #OF TDYS	FY 1985 #OF PTP	FY 1986 STATUS	FY 1986 AMT ($000)	FY 1986 STAF	FY 1986 #OF TDYS	FY 1986 #OF PTP	FY 1987 STATUS	FY 1987 AMT ($000)	FY 1987 STAF	FY 1987 #OF TDYS	FY 1987 #OF PTP
ST/AGR																
931-1229.	SOILS MANAGEMENT SUPPORT SERVICES	A	0	0	0	0	A	0	0	0	0	A	10	0	1	2
936-4111.	INT'L AGR RESEARCH CENTERS	B	66	0	0	0	B	69	0	0	0	B	72	0	0	0
COUNTRY TOTAL:			66	0	0	0		69	0	0	0		82	0	1	2
TOTAL FOR REGION:			106	0	1	0		145	0	3	25		109	0	4	6
OVERALL TOTAL:			71383	104	1160	1218		74850	103	1235	1404		74550	159	991	749

A - ACTIVE B - PENDING MISSION APPROVAL