

5220118 (8)

AID 1020-23 (10-70)

PD-AAB-068-D1

A.I.D. REPORT U-445  
Reference Center  
Room 1656 MS 4

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PROJECT APPRAISAL REPORT (PAR)

1. PROJECT NO. 522-11-190- <del>036</del> (A)	2. PAR FOR PERIOD: TO 1 March 71	3. COUNTRY HONDURAS	4. PAR SERIAL NO. 71-1
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5. PROJECT TITLE  
AGRICULTURAL DEVELOPMENT (Research & Extension)

6. PROJECT DURATION: Began FY <u>69</u> Ends FY <u>73</u>	7. DATE LATEST PROP 12-11-70	8. DATE LATEST PIP 1-30-71	9. DATE PRIOR PAR None
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ <u>1,250,000</u>	b. Current FY Estimated Budget: \$ <u>114,000</u>	c. Estimated Budget to completion After Current FY: \$ <u>464,000</u>
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
		X	1. Develop estimates for staffing & training requirements (Extension & research branches).	Continuous
X			2. Review & provide target budgets for DESARRURAL to the budget Director GON. Also build necessary amount of budget support required into future Pro Ags.	Annual
X		X	3. Review indicators as to applicability and also in terms of ability to get data to verify progress.	Continuous
X		X	4. Isolate areas in which statistical feedback is needed and review the feasibility of obtaining a short term study team to help out in this area.	F.Y. 1972
X		X	5. Review productivity of DESARRURAL's technical assistance in order to gauge impact on agricultural sector production.	F.Y. 1972
X		X	6. Identify the research directions which DESARRURAL should take.	October 1972
X			7. Reexamine the role that USAID assistance should take in livestock sector given substantial inputs by IBRD and UN.	October 1972

D. REPLANNING REQUIRES	REVISOR OR NEW: <input type="checkbox"/> PROP <input type="checkbox"/> PIP <input type="checkbox"/> PRO AG <input type="checkbox"/> PIO/T <input type="checkbox"/> PIO/C <input type="checkbox"/> PID/P	E. DATE OF MISSION REVIEW March 1971
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PROJECT MANAGER TYPED NAME, SIGNED INITIALS AND DATE HAROLD D. KOONE <i>REK for 6/11/71</i>	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE JOHN E. NEPPLE <i>3/25/71</i>
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H.D.K.

**II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS**

1. INPUT OR ACTION AGENT TRACTOR PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)				
	UNSATISFACTORY		SATISFACTORY			OJT. STANDING		LOW		MEDIUM		HIGH
	1	2	3	4	5	6	7	1	2	3	4	5
1. Short term contractors				X							X	
2. USAID DIRECT HIRE				X							X	
3.												

Comment on key factors determining rating

- S.T. Contractors - (4): Hubbard (animal fertility advisor) provided useful info to research center in Comayagua re calving rates; Birdsoll (fertilizer expert) info on fertilizer trials & research; De Alva (pasture) training sessions in pasture management, Cramer (machines) demonstration of hay bailing.
- USAID/Direct Hire - (Dep. RDO) - USAID performance has been hampered by lack of consensus on the future of DESARRURAL. Neither USAID nor DESARRURAL has a long range plan for the agency and assistance, therefore, is without clear direction.

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
				X								X

Comment on key factors determining rating

Following training participants have been placed in important management & operational positions. At present, there is a need for a clearly defined statement of DESARRURAL's training & staffing requirements.

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5
			X						X			

Timeliness of procurement has had negative impact on project, however, commodities (demonstration equipment & vehicles) have been appropriate to project needs. Recipients have made good use of the equipment.

6. COOPERATING COUNTRY	a. PERSONNEL	1	2	3	4	5	6	7	1	2	3	4	5
	b. OTHER			X									X

Comment on key factors determining rating

Loss of semi-autonomous status for DESARRURAL and relatively low pay scales for qualified personnel have been key factors in holding back the efficiency of the organization.

Lack of management information system which would provide statistics in important areas and activities also hindered performance.

7. OTHER DONORS	1	2	3	4	5	6	7	1	2	3	4	5

Comment on key factors determining rating

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II. 7. Continued: Comment on key factors determining rating of Other Donors

### III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU- LATIVE PRIOR FY	CURRENT FY 71		FY 72	FY 73	END OF PROJECT
			TO DATE	TO END			
Participants trained	PLANNED	24	7	7	11	14	56
	ACTUAL PERFORM- ANCE	24	11				
	REPLANNED			11	10	10	55
Small & medium basic grain & livestock producers receiv- ing DESAPRURAL assistance.	PLANNED						
	ACTUAL PERFORM- ANCE	8,000	1,500				
	REPLANNED			4,600	2,700	2,700	18,000
Increased use of fertilizer	PLANNED	33,000	3,000				
	ACTUAL PERFORM- ANCE	20,000	2,500				
	REPLANNED			5,200	3,100	3,200	31,500
Improvement in Quantity and quality of Agricultural research. (Number of major and/or national experimental projects.	PLANNED	3	1	1	2	2	8
	ACTUAL PERFORM- ANCE	4	-				
	REPLANNED			1	1	2	8
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
1.							
2.		COMMENT:					
3.		COMMENT:					

**IV. PROJECT PURPOSE**

1. Statement of purpose as currently envisaged. 2. Same as in PROP?  YES  NO

Create an effective & viable agricultural research & extension service (DESARRURAL) which can coordinate its services with the BNF's credit program.

D. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Qualified staff & internal training capability.  2. Effective extension assistance to 18,000 small & medium basic grain & livestock producers by 1973 & increasing by 12% per year thereafter.  3. Adequate budget support.  4. Research branch has capacity (manpower & facilities) to continually improve: seeds, fertilizer use and livestock raising.	1. No clear evidence. Manpower requirements need to be reviewed.  2. Currently servicing 9,500. Need study of effect on productivity.  3. Budget of 1.5 million at present. Need study of budget requirement at expanded level.  4. Currently there are 8 degree agronomic research workers (4 with masters) conducting adaptive research in basic grains and 2 modern seed plants produced 16,000 cwt of improved seed in FY 71, i.e. corn, beans, rice. Low land adaptive rice research initiated in FY 71; distributed 450 pure bred breeding animals to farmers in 1970. Need to improve research facilities.

**V. PROGRAMMING GOAL**

A. Statement of Programming Goal  
  
 Growth rate in agricultural sector of 6% per year, (with particular emphasis on small farmers).

D. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Explain.

Achievement of project purpose will materially assist development of a more effective or efficient agricultural sector. Primary benefit will occur to farmers through increased income. Related benefits include foreign exchange savings from increased food production, wages to unchilled labor, and a more nutritious diet for farmers.