52400/67 (5)

A.I.D.
Reference Center
Room 1656 NS

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PD-AAB-106-F1

1. PROJECT NO.	2. PAR FOR PERIOD:	3. COUNTRY	4. PAR SERIAL NO.
524-11-120-067	TO 6/30/71	Nicaragua	72-9 4p.

5. PROJECT TITLE

Irrigation Development

6. PROJECT DURATION:	7. DATE LATEST PROP	8. DATE LATEST PIP	9. DATE PRIOR PAR
Began FY 1970 Ends FY 1970	9/11/70	-	5/18/70

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: $ 133,000	b. Current FY Estimated Budget: $ -	c. Estimated Budget to Completion After Current FY: $ -

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
UNICONSULT	B/G (GON) 1968-1
Louisiana State University	B/G (GON) 1969-1

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

A. ACTION (X) USAID	AID/W	HOST	B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
		x	As a result of this evaluation and experience in the recent past increased emphasis will be placed on variety testing of selected vegetable crops (and related cultural practices) at the experimental farm leased by the MAG for this purpose. Adopted new crops are essential in order to make maximum use of irrigation in crop rotation.	

D. REPLANNING REQUIRES REVISED OR NEW: ☐ PROP ☐ PIP ☐ PRO AG ☐ PIO/T ☐ PIO/C ☐ PIO/P

E. DATE OF MISSION REVIEW: December, 16, 1971

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE
Carl D. Koone	William R. Haynes

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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT / CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN: UNSATISFACTORY 1	2	SATISFACTORY 3	4	5	OUTSTANDING 6	7	C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X): LOW 1	MEDIUM 2	3	4	HIGH 5
1. UNICONSULT				X							X	
2. Louisiana State University				X								X
3.												

Comment on key factors determining rating

1. Due to withdrawal of this contractor about mid CY 1970 the major contribution made during this evaluation period was preparation and submission of final report which summarized project experience to date, and developed useful recommendations for future actions.

2. Although this contractor experienced some delay in placing a resident advisor in Nicaragua considerable advances have since been made in the utilization of experimental procedures for testing crop performance.

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

Comment on key factors determining rating

N. A.

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

Comment on key factors determining rating

N. A.

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

Comment on key factors determining rating

a. Positions have been fully staffed; however the academic preparation, practical experience and dedication of some staff members are not up to desired levels.

b. Inability of the Ministry to provide adequate equipment and operational funding on a timely basis has delayed operations and reduced overall output of the project.

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

(See Next Page for Comments on Other Donors)

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

While not a part of this project, irrigation development operations carried out under the auspices of the National Bank of Nicaragua with technical assistance provided through the TAHAL consulting firm contributes to the long-range objectives of this project.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMULATIVE PRIOR FY	CURRENT FY 72 TO DATE	CURRENT FY 72 TO END	FY 73	FY	END OF PROJECT
Irrigation systems established on 20 manzanas on each of five cooperator farms.	PLANNED		5 0	5			5
	ACTUAL PERFORMANCE		3				
	REPLANNED						
Twenty manzana irrigated crops experimental station established, equipped and conducting crop experiments.	PLANNED	1					1
	ACTUAL PERFORMANCE	1					
	REPLANNED						
Ten crops identified which can be profitably produced in a year round farming system using irrigation.	PLANNED		5	10			10
	ACTUAL PERFORMANCE		5				
	REPLANNED						
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						

B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS

1. COMMENT:

2. COMMENT:

3. COMMENT: Three originally selected farmer-cooperators withdrew from the project. One has been replaced. Two new cooperators are being selected.

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IV. PROJECT PURPOSE

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

To demonstrate the proper use of irrigation and determine appropriate cropping patterns for the production of annual crops on a 12 months basis on the Pacific Coast of Nicaragua.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. At least 10 crops identified that can be grown in a crop rotation utilizing irrigation in the dry season.	1. Five crops (corn, sorghum, peanuts, cowpeas and okra) have been identified and successfully produced under irrigation by commercial farmers.
2. Successful operation of irrigation practices, both in terms of profitably and technical feasibility, on at least 5 irrigated farms directly cooperating with project.	2. One farmer-cooperator operating successfully.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To assist the GON in increasing and diversifying the productive capacity of the economy.

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

The project itself will not make a significant contribution directly to goal. It, however, may be extremely significant in terms of its demonstration effect on these farmers who are installing irrigation equipment on the Pacific Coast, particularly the Leon Area. These farmers (see Logical Framework) will be able to implement the research findings of this project, and to the extent this is done and done successfully, this project will be significant.