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PROJECT APPRAISAL REPORT (PAR) 4p.

1. PROJECT NO. 512-11-110-094.3	2. PAR FOR PERIOD: Jan. 1973 Terminat.	3. COUNTRY Brazil	4. PAR SERIAL NO. 74-3
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5. PROJECT TITLE

Agricultural Education - University of Ceara

6. PROJECT DURATION: Began FY 63 Ends FY 73	7. DATE LATEST PROP 1/2/70	8. DATE LATEST PIP -	9. DATE PRIOR PAR 2/73
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$3,665,000	b. Current FY Estimated Budget: \$ -	c. Estimated Budget to completion After Current FY: \$ -
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME University of Arizona	b. CONTRACT, PASA OR VOL. AG. NO. AID/1a-145
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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		

Project Overview Discussion

- Development of UFC personnel has been critical to project success. In view of this, contract chief of party observed that the same amount of monies spent on specific technical assistance inputs to the project could have been better redistributed through the life of the project.
- Evolution of research at UFC indicates that external (non-university budget) funding of research is possible and can serve both the needs of the university and the community.
- A general benefit of the project has been that the concepts applied in the development of the UFC school of agriculture have served as a model for application in other sectors of the university.

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

E. DATE OF MISSION REVIEW: **November 26, 1973**

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE: **John Young, ARDO: [Signature]**

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE: **Howard Lusk, AD/TO: [Signature]**

PARTICIPANTS: UFC-Maine, Re. Discharge: HA-Smith, Fox Price, HSATD-Cohen

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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							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)				
	UNSATISFACTORY		SATISFACTORY			OUTSTANDING		LOW		MEDIUM		HIGH
	1	2	3	4	5	6	7	1	2	3	4	5
1. University of Arizona												
2.												
3.												

Comment on key factors determining rating

Both in terms of on-campus administration and field application, UA's understanding and implementation of the project have steadily improved. It is now felt that with or without any kind of future AID funding there will continue to be some level of continued cooperation between the UA and the UFC. Relationships between Americans and Brazilians are extremely functional and cordial.

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
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Comment on key factors determining rating

As noted on the face sheet, participant training has been the most important element in the success of this project. UFC has prepared a plan for its future training needs and is, thru various measures, taking steps to ensure that these plans become operational.

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5
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Comment on key factors determining rating

The UFC has made effective use of project purchased commodities and has effectively sought alternative domestic means for fulfilling future commodity needs. One continuing problem is the lack of a source of funding for consumable commodities.

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

Comment on key factors determining rating

UFC staff is increasingly competent. Development of graduate programs is going well. Cooperation with other Northeast research entities is good. Reform of agricultural structure of UFC is being effectively carried out. UFC's participation with the Ministry of Education in agriculture education planning has been meaningful.

* - Mission has refrained from rating the different components of the project since this is a terminal PAR and evaluation was geared to the overall achievements of the project rather than to just the last year.

7. OTHER DONORS IDB, Ford	1	2	3	4	5	6	7	1	2	3	4	5
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(See Next Page for Comments on Other Donors)

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

library for the UFC. Ford Foundation provides assistance in agricultural economics in foreign scholarships.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMULATIVE PRIOR FY	CURRENT FY		FY 75	FY ____	
			TO DATE	TO END			
Faculty with Graduate Degrees.	PLANNED	65	--	--	-	-	65
	ACTUAL PERFORMANCE	62	--	--			
	REPLANNED			18*			80
* Still in training financed by project.	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
M.S. Degree courses established.	PLANNED	10	--	--	-	-	10
	ACTUAL PERFORMANCE	85	--	--			
	REPLANNED						
Field Research Programs Planned and Implemented (funded by outside resources)	PLANNED	15	--	--	-	-	15
	ACTUAL PERFORMANCE	20	--	--			
	REPLANNED						
Physical Plant Constructed (No. of buildings) (GOB input)	PLANNED	22	--	--	-	-	
	ACTUAL PERFORMANCE	22	--	--			
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1. Plans set for the orderly expansion of the College in line with development priorities.	A reorganization of the old Agricultural School into an Agricultural Center has been carried out. In conjunction with this, a new five year development plan is in the final stage of preparation.						
2. Full commitment of College faculty and staff to obtain excellence in teaching and research activities.	COMMENT: 82% (80) of the agricultural faculty is now on a full-time basis. University researchers are supplemented by personnel funded by entities desiring specific research. University library is poorly organized.						
3. Institutionalization of College in Ceará as an effective resource for transforming and modernizing agriculture.	COMMENT: UFC has research agreements with numerous entities (BNB, SUDENE, DNOCS, Ford, etc). In addition, UFC has important role in FIPA, research coordinating council for the State of Ceará. University has also participated on agricultural council (CESA) of the Ministry of Education).						

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IV. PROJECT PURPOSE

1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

Creation of a capability at the Univ. of Ceará to 1) train students qualified for careers in agriculture, to assist in supplying the development need of the region; 2) do basic and applied research and provide graduate training and degree programs.

B. 1. Conditions which will exist when above purpose is achieved.

2. Evidence to date of progress toward these conditions.

1. Integrated program of teaching & research with utilization by extension services.

1. University research is operating under a capacity load. Major extension tie is with Federal/State extension service (ANCAR) which has, as of late, been suffering from severe financial problems.

2. Graduates are employing their knowledge in agr. development.

2. UFC agr. graduates continue to be in demand and regularly find employment in the fields of their training.

3. Outside financing supports more than 50% of the research at the College (Ford, BNB, BNDE, SUDENE, DNOCS).

3. Percentage of outside financing for UFC agr. research is in excess of 80%.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Increase capacity to develop and utilize technical knowledge in regional agriculture.

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.

Yes. Project has provided a resource to provide the means to the solution of the myriad of agricultural and agricultural related problems of the Brazilian Northeast.