

DEPARTMENT OF STATE

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FROM - RIO DE JANEIRO

SUBJECT - Non-Capital Project Paper (PROP)
Agricultural Education - University of Ceara (Northeast)

REFERENCE - Project 512-11-110-094.3
TOAID A-03, 1-2-70

1. The attached information is submitted to amend or supplement the original PROP on this project which was submitted under reference airgram.
2. This material was prepared in Recife in conjunction with a recent visit by Mr. Arthur Hughes, LA Evaluation Officer, and is intended to provide supplementary information regarding project targets and goals. It is understood that with this information the PROP should be subject to prompt approval.
3. As AID/W is aware, considerable attention has been given in recent months to obtaining improved contractor performance. It now appears there is some basis for expecting this performance to become better in the near future. If this proves not to be the case, further review of the project and its timetable and plan of action would, of course, be necessary.

AGR

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BOONSTRA

Attachment: Goals and Targets - PROP - Project 512-11-110-094.3

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DRAFTED BY	OFFICE	PHONE NO.	DATE	APPROVED BY:
Harrison/vsk	ADPR	416	7-2-70	A/DO: [Signature]

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Goals and Targets - PROP - Project 512-11-110-094.3

The objective of this project, therefore, is to improve the technical and institutional capacity of the University of Ceará so that it can deal effectively with the Northeast's overwhelming agricultural sector problems. As elaborated further in Part IV, this has involved and shall continue to involve (1) an upgrading of faculty to the point where graduate level research can be carried out, (2) a major institutional reorganization to convert from the traditional Brazilian "faculdade" system to the departmental system common in U. S. land grant colleges, (3) the encouragement of plant and laboratory expansion, and perhaps most difficult (4) basic attitudinal change to the end that concern for and involvement in Northeast agricultural problems by the University will be the norm.

Minimum acceptable levels of output to justify continued project involvement are simply cooperation by the University of Ceará and the GOB in the effort to achieve such goals. In a project of this type it is difficult to quantify specific means of cooperation necessary, but insofar as it is possible the following are offered as major factors to project success which are largely controlled by the host institution, and thus good output indicators:

1. Continued provision by the University of Ceará selection committee of acceptable candidates for advance degree training.
2. Satisfactory completion of physical plant additions presently under construction with University funds.
3. Continued improvement in the ratio of full-time instructors versus part-time instructors.
4. Expansion and improvement of presently adequate laboratory facilities as more sophisticated graduate-level instruction develops.
5. Eventual assumption by the University of Ceará of an even greater portion of the developmental costs at the Pentecost Agricultural Experiment Station, presently financed half from University funds and half from SUBIN.

Apparent from the above is that the positive trend necessary to ensure successful project completion is well established. Already substantial achievement is recorded, and on the basis of this activity as well as on-going and planned activity it is possible to spell out in precise terms what targets the project should achieve by 1972, as compared to the pre-project base year of 1963:

	1963	1970	1972
1. Undergraduate Courses Offered ^{1/}	46	32	47
2. Students Enrolled ^{2/}	264	612	612
3. Number of Graduates (annual)	58	140	140
4. Full-time Faculty	34	70	80

5. M.S. Degrees on Faculty	0	40	59
6. Ph.D. Degrees on Faculty <u>3/</u>	0	0	4
7. Advanced Degree Program	0	0	5

1/ The drop in courses offered from 46 to 32 was the result of consolidation of basic science courses.

2/ In 1966 the level of enrollment was fixed at the new optimum level, thus explaining the absence of change in student and graduate levels from 1970 to 1972.

3/ Five additional Ph.D.'s will complete training in 1973.