

PROJECT APPRAISAL REPORT (PAR)

PD-AAA-876-A1 ✓  
5p.

PROJECT NO. 620-11-110-743	START DATE July 1, 1972	END DATE June 1973	COUNTRY NIGERIA	MANAGERIAL NO. 1973-3
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PROJECT FUNDING Lifetime began FY 62 Ends FY 73			DATE LATEST PROP 6/19/70	DATE LATEST REV 7/69	DATE PRIOR PAR 6/71
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10. U.S. FUNDING Cumulative Expenditures through prior fiscal year \$5,341,000  
Current fiscal year estimated expenditures \$884,000

11. U.S. ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency) USAID or AID/W

a. NAME	b. CONTRACT, P.A.S.A. VOL. AC. NO.
i. Kansas State University of Agriculture and Applied Sciences	AID/afr-830
ii	
iii	

ACTIONS REQUIRED AS A RESULT OF THIS EVALUATION

A. USAID OFFICE RESPONSIBLE	B. ACTION DESCRIPTIONS	C. ACTION DEADLINE
	For AID/W action prepare cable or airgram or other required form	
ERM/CDE	Aggressive follow-up effort in implementing the Loan Agreement.	1/74
Agriculture	Advise the contractor to do advance planning of Ph.D.-oriented research programs.	1/74
Agriculture	Advise the contractor in bringing focus of team effort upon implementation of the plan for joint administration of the Animal Science Department by Faculty of Agriculture and Faculty of Veterinary Medicine.	1/74
Agriculture	Advise the contractor in making a revision and updating of the phase-out plan as agreed to in May 1971 and to discuss the revised plan with the Vice-Chancellor.	12/73
Agriculture	Advise the contractor to update the survey data on placement of graduates in jobs in Northern Nigeria.	12/73

Major Issues clarified in Review not listed in action descriptions above.

None.

BEST AVAILABLE COPY

REPLACING BY OTHERS: REVISION NUMBER  FIRST  IMP  PROG AG  PROJ T  PROJ C  PROJ P

F. DATE OF MISSION REVIEW: May 18, 1973

Did Host Country participate in review? YES  NO  NOT APPLICABLE

MISSION DIRECTOR TYPE NAME SIGNED INITIALS AND DATE  
William B. Ford

II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. PROJECT CONTRIBUTION TOWARDS HIGHER GOAL

State the ways by which achievement of Project Purpose is expected to contribute to attainment of the Goal.

Demands by the northern states for professionally trained agriculturalists are being supplied, including government and commercial requirements, by a permanent institution meeting high standards for teaching and research.

B. Cite evidence to date to support this linkage.

By end of FY 74 a total of 147 B.Sc. graduates will have been trained who have taken employment in government posts, staff positions at ABU, private sector, or continued their studies for advanced degrees.

III. PROJECT PURPOSE

A. 1. List end of project status conditions prior to any revision resulting from this evaluation.

- a) Effectiveness: Cumulative professional agriculturalists (B.Sc.'s) placed in Northern jobs estimated 80% of 349 graduates = 280 by 1979.
- b) Efficiency: Faculty of Agriculture non-capital cost per graduate declines from ₦5,120 in FY 1970/71 to ₦3,400 implied in 1970/71-74/75 plan.
- c) Continuous releases through ERLS of appropriate research findings.
- d) Capability of ABU to continue training good quality and quantity of agricultural degree graduates and to adapt program to meet changing needs.

B. 1. Major Assumptions or external factors that affect achievement of Purpose.

- a) Northern states will profitably absorb graduates.
- b) KSU estimate of manpower need is realistic.
- c) Complete program to train Ph.D.'s is not currently required.

2. Evidence to date of progress towards these conditions.

- a. Current placement information not now available. Enrollments are above estimates and demand is seen to run above supply through 1980.
- b. FY 73 costs/full-time student equivalent is ₦2,136 (excluding farm operational costs. Estimates being prepared).
- c. 30 min. TV on Kaduna station. 3X's/week. Radio program generates 350 letter responses/week. 111 printed releases planned in FY 73. 1,071 state ministry personnel provided in-service training.
- d. See IV.B.3.

2. Evidence to confirm or invalidate assumptions.

- a) New agricultural programs are creating new demand for graduates.
- b) Recent survey by ABU manpower need shows a need for 30 graduates a year to meet a 4% attrition rate of current employees in Federal, state agricultural offices and IAR research staff in northern states.
- c) Emphasis now given to having Ph.D. candidates do required course work in foreign universities and the research requirement at ABU where the degree is granted.

## IV KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMU- LATIVE PRIOR FY	CURRENT FY 73		FY 74	FY 75	
			TO DATE	TO END			
1.	Faculty of Agriculture Phase II Buildings and Equipment completed by 1973/74.	PLANNED				II	
		ACTUAL PERFORMANCE					
		REPLANNED				(Completion now expected by 1-1-76.	)
2.	Nigerians acting in four accessible Section Head positions by 1979 (Agr.Econ. Agr. Eng., Agron., and Animal Husbandry).	PLANNED				0	
		ACTUAL PERFORMANCE	0	0			
		REPLANNED		0		0	
3.	Undergraduate enrollment peaks and levels off at 120 per year by 1975/76.	PLANNED	58		65	91	
		ACTUAL PERFORMANCE	64	77			
		REPLANNED			-	108	
4.		PLANNED					
		ACTUAL PERFORMANCE					
		REPLANNED					
5.		PLANNED					
		ACTUAL PERFORMANCE					
		REPLANNED					
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT					
1.							
2.		COMMENT:					
3.		COMMENT:					
4.	Good practical competence of Faculty of Agriculture graduates to work effectively in Northern agriculture.	COMMENT: Rigid testing of both technical and practical competencies of students at each level is carefully performed under supervision of external examiners with feedback to individual instructors. Other feedback comes to ABU direct from state levels.					

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### C. KEY OUTPUT PERFORMANCE PROBLEMS

Identify output problems and comment on the effects these problems will have on achieving purpose and goal.

1. Ability of Faculty of Agriculture to hold staff from taking employment in government and private enterprise. Even a small loss of personnel already identified is certain to extend dependence upon expatriates and delay Nigerianization plans.
2. Delay in completion of Phase II building is certain to affect the enrollment schedule for Faculty of Agriculture.
3. Problems of expanding northern enrollment now lessened, but remains the problem of competing with other faculties for the talented students.
4. Inability to place qualified Nigerians in senior positions of four departments creates a leadership problem for completing curriculum development and maturing the "service to farm people" philosophy.

D. 1. Original assumptions, constraints, or external factors affecting outputs.

- a) ABU willingness to accelerate advancement of four key counterparts to acting section head levels.
- b) Non-capital budgets for Faculty of Agriculture adequate to support program.
- c) Supply of students to first-year enrollment sufficient to permit following enrollment schedule.

2. Current evidence to confirm or invalidate realism of assumptions.

- a) The Vice-Chancellor has committed himself to advance qualified Nigerians at an accelerated rate to senior positions in four departments admitting at the same time that approval by his faculty is a prerequisite to all appointments.
- b) Operational funds (35% above last year) have been voted in ample amounts for planned growth.
- c) Basic studies course plus growing interest in study of agriculture provides adequate supply in the first year class.

### V. KEY INPUT PROBLEMS: AID, Host, Other Donors

Identify these problems and comment on the effects for achieving outputs.

#### A. Implementing Agents

Participant training earlier visualized as coming from other funding sources has not materialized to the level required to meet full training requirements of the Faculty of Agriculture; thus, Nigerianization will be affected in years following end of project.

#### B. Participants and in country training

Arrange schedules to carry out provisions contained in Pro-Ag in order that return of participants is not delayed and services are available in teaching and research.

#### C. Commodities

Delay in completing the Loan Agreement aggravates the problem of meeting post-graduate training of Ph.D. candidates whose training is essential to Faculty of Agriculture staff development. Both space and equipment are required for the graduate research.

#### D. Other

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MC GREGOR AND WARNER, INC. - WASHINGTON 25, D. C.

AID (020-25) (7-68)

SECURITY CLASSIFICATION  
**UNCLASSIFIED**

PROJECT NUMBER

620-11-110-743

**PAR CONTINUATION SHEET**

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

**Part IV, B, 1 - Comment:**

Course options in the areas: Agric. Economics, Agronomy, Crop Protection and Soil Science provide opportunity to specialize along interest lines. The curriculum provides a core of basic courses branching into specializations guided by outlines and syllabi prepared in each major field. The provision of practical instruction is being carried out in individual courses by appropriate field trips, excursions and case study assignments.

**B, 2 - Comment:**

The volume of research activity of IAR in FY-73 involved 49 professional scientists and a budget of 2.7 million dollar equivalent. Relevancy to northern Nigeria is judged to be appropriate.

**B, 3 - Comment:**

The distribution by rank is: Research Fellows - 20; Assistant Research Fellows - 31; and Technicians - 7. These are young people who, based on work performance, are to be scheduled for advanced training and groomed for higher levels of administrative and teaching responsibility. Maturity of the Nigerian staff is seen to meet qualifications as heads of sections only after the closing of the contract in FY 74. Estimates set academic year 74/75 when the first Nigerian section head is qualified.