

586 0866/320
REPORT U-444

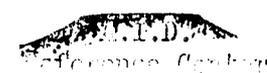
PROJECT APPRAISAL REPORT (PAR)

PD-AAD-107-D1

PAGE 1

1. PROJECT NO. 386-11-110-366.3	2. PAR FOR PERIOD 1/1/1970 TO 6/30/1971	3. COUNTRY India	4. PAR SERIAL NO. FY 72-4
------------------------------------	--	---------------------	------------------------------

5. PROJECT TITLE
Agricultural Production (Orissa)



6. PROJECT DURATION: Began FY 67 Ends FY 73	7. DATE LATEST PROP 6/24/1969	8. DATE LATEST PIP -	9. DATE PRIOR PAR 11/12/1970
---	----------------------------------	-------------------------	---------------------------------

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 793,000	b. Current FY Estimated Budget: \$ 36,000	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.
University of Missouri	Contract AID/nesa-320

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. Future contracts should be worded to include the purpose, outputs and conditions expected at the end of the contract as stated in the logical framework.	June 1972
X			2. Consider assigning a technical staff member to assist project manager.	ASAP
X			3. The project manager will undertake a detailed review of his project reporting and information gathering systems to assure that more adequate data are being collected, over the next year, to measure the project outputs and conditions expected at the end of the project stated in the logical framework.	February 29, 1972
x1	x2		4. Assure implementation of the in-depth evaluation scheduled in the USAID/Delhi FY 1972 Evaluation Plan (TOAID A-487 - page 7).	June 30, 1972
x1		x2	5. Project Manager will report whether or not the Government of Orissa has assumed responsibility for the subject matter specialists activity.	March 31, 1972

D. REPLANNING REQUIRES	E. DATE OF MISSION REVIEW
REVISED 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"/> PIO/P	9/9/71

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE
A. R. Downie

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE
Howard E. Houston

AID 1020-25(10-70) PAGE 3 PAR	PROJECT NO. 386-11-110-366.3	PAR FOR PERIOD: 1/1/70 to 6/30/71	COUNTRY India	PAR SERIAL NO. FY 72-4
----------------------------------	--	---	-------------------------	----------------------------------

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

Not Applicable

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMULATIVE PRIOR FY	CURRENT FY <u>71</u>		FY <u>72</u>	FY ____	
			TO DATE	TO END			
Field Demonstrations Kit Program	PLANNED	500	800	800	1200		2500
	ACTUAL PERFORMANCE	300	800				
	REPLANNED						
Quarterly meetings of High Level Coordinating Committee	PLANNED	8	4	-	4	-	Quarterly
	ACTUAL PERFORMANCE	8	4				
	REPLANNED						
Training of Indian Personnel Participants - P Local staff - L	PLANNED	P - 7 L - 100	P - 9 L - 500	P - 9 L - 500	P - 5 L - 500	P - 3 L - 500	P - 24 L - 1600
	ACTUAL PERFORMANCE	P - 6 L - 120	P - 5 L - 672				
	REPLANNED						
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1. Establish 5 Field Problem Units	Four new American technicians having better qualifications have improved team performance.						
2. Development of procedures involve small farmers in adoption of new varieties and new practices	COMMENT: Development of kit which contains seed, fertilizer, pesticides and instructions on procedures has been completed. Twelve hundred such kits made up of 3 different crops were provided in the last 18 months. Each kit covers 1/4 acre and are given to small farmers who are given training in procedures. Farmer pays back the cost						
3.	COMMENT. of the kit and the practice is continued.						

AID 1020-25 (10-70) PAGE 4 PAR	PROJECT NO. 386-11-110-366.3	PAR FOR PERIOD: 1/1/70 to 6/30/71	CCOUNTRY India	PAR SERIAL NO. FY 72-4
-----------------------------------	---------------------------------	--------------------------------------	-------------------	---------------------------

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO
Slight Changes

Assure continuing identification and solution of production problems resulting from the introduction of high yielding varieties and associated inputs and the farm-level adoption of recommended practices.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
<p>1 & 3. High level coordination exists between Dept. of Agr. and Univ. and Community Development Dept. and Industry. Established lines of communication among related research agencies, field staff, and private industry.</p> <p>2. Problems identified by subject matter specialists are being incorporated in research program of University.</p> <p>4. Systematic interpretation and testing of research conclusions.</p> <p>5. Dissemination to farmers.</p>	<p>1 & 3. High level coordinating committee meets on a regular basis. This was the first step to get Dept. of Agr. and University to talk together. University subject matter specialists are now working with Dept. counterparts.</p> <p>2. University has good plant breeding program and is stressing practical research which was not conducted before. Subject matter specialists are feeding back information to University on current problems. Subject matter specialists needed in other fields.</p> <p>4. All practices in package of practices are being tested and modified.</p> <p>5. Fertilizer consumption and acreage under high yield varieties has increased.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Achieve continued rapid growth in foodgrain production in India.

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 rapid introduction of high yielding varieties may be expected to increase production three to four fold provided the proper production inputs are used and corrective practices are employed. The solution of field problems will identify the proper inputs and practices required to maximize yields per unit area.