

3860366 (26)

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PROJECT APPRAISAL REPORT (PAR)

PD-AAD-108-C1

1. PROJECT NO. 386-11-110-366.3	2. PAR FOR PERIOD: 7/1/71 TO 9/30/72	3. COUNTRY India	4. PAR SERIAL NO. FY 73-4
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5. PROJECT TITLE

TERMINAL PAR

Agricultural Production - Orissa

6. PROJECT DURATION: Began FY 1967 Ends FY 1973	7. DATE LATEST PROP 6/24/69	8. DATE LATEST PIP -	9. DATE PRIOR PAR 9/9/71
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10. U.S. FUNDING	a. Cumulative Obligation FY72 Thru Prior FY: \$06,000	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	b. CONTRACT, PASA OR VOL. AG. NO.
University of Missouri	Contract AID/newa-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		
			All efforts to get Indian participation in an in-depth evaluation failed. However, we have copies of the required summary of team activities.	No action required as the project terminated as of September 30, 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	1/24/73

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE Ervin T. Bullard	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE Howard E. Houston
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02/09/73

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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 Missouri				X									X
2.													
3.													

Comment on key factors determining rating

During the period under review, strength of U.S. technicians progressively decreased the last advisor departing on July 19, 1972. A short-term consultant also worked for 3 months. Cooperative working relationship brought about previously by APP team members among the subject matter specialists (SMS) and the University research staff received a set back with the transfer of administrative control of SMS to the Dean of Extension in OUAT.

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

Comment on key factors determining rating

No participant went for training in FY71 and FY72. The U.S. participant training program was suspended by GOI in December 1971. The utilization of trained participants was satisfactory.

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

Comment on key factors determining rating

All equipment purchased for this project has been transferred to the Department of Agriculture and the Orissa University of Agriculture and Technology (OUAT).

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

Comment on key factors determining rating

Very few changes took place in the Indian counterparts. The transfer of administrative control of SMS to the Dean of Extension affected adversely the working of this project. After the departure of the U.S. technicians, the Field Problem Units practically ceased to function. Despite these handicaps the state is moving forward in foodgrain production.

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

(See Next Page for Comments on Other Donors)

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

N.A.

III. KEY OUTPUT INDICATORS AND TARGETS						
A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)				
		CUMULATIVE PRIOR FY	CURRENT FY		FY	FY
			TO DATE	TO END		
Quarterly meetings of the High Level Coordination Committee	PLANNED	16				16
	ACTUAL PERFORMANCE	19				
	REPLANNED					
Field demonstration kit program	PLANNED	2500				2500
	ACTUAL PERFORMANCE	2100				
	REPLANNED					
Training of Indian personnel P-Participants (U.S. trained) L-Local staff	PLANNED	P-21 L-1100				P-21 L-1100
	ACTUAL PERFORMANCE	P-10 L-1263				
	REPLANNED					
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	PLANNED					
	ACTUAL PERFORMANCE					
	REPLANNED					
1.	Status of Field Problem Units	COMMENT: FY72 started with 4-man team. By Oct.26, 1971 it was reduced to two and in May 1972 only to one. On July 19, 1972 the project ended. A short-term consultant in soil testing and soil fertility also worked from February 23 to May 7, 1972. The period under report was marked by the phasing out of the program.				
2.	Field demonstrations in relation to problems identified	Extensive Kit program was planned and administered by the FHUs in the cyclone afflicted areas. Catholic Relief Service furnished funds for 1000 paddy kits. A number of training-cum-demonstrations were also arranged on the control of rice insect pests, use of agricultural amendments, new varieties, fertilizers, etc. About 2500 farmers and 471 extension field workers were trained in fertilizer use, farm management, planning crop rotations for maximum increases, plant protection and use of farm machinery.				
3.						

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP?  YES  NO  
slightly revised

Assure continuing identification and solution of production problems resulting from the production of HYV 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. High level coordination exists &amp; among agricultural agencies.</p> <p>4. The lines of communication between the research &amp; field staff are established.</p> <p>2. Agricultural researchers and qualified field staff assigned.</p>	<p>1. During the report period two meetings of the High &amp; Level Coordination Committee were held. Revised &amp; 4. packages of practices were put out jointly by the Orissa University of Agriculture &amp; Technology (OUAT) and the Department of Agriculture. Although there is some cooperation between the two agencies, yet there is much room for improvement in their working relationship and lines of communication. A redeeming feature is that there is strong line of communication between the different divisions of the Department of Agriculture, the extension workers of Community Development Service and the private industry.</p> <p>2. Field staff of the Department of Agriculture is well qualified for development work. The research workers of the OUAT are also by and large competent in their own sphere. The participant training in U.S.A. has improved the position further. The Indian members of the FFUs were efficient and cooperative.</p>

(Continued..)

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Achieve continued rapid growth in foodgrain production in Orissa.

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.

Despite cyclones, excessive rains and high tidal waves, foodgrain production is on the increase. The area under HYV of paddy has risen to about half a million acres and of wheat and maize to about 17000 acres each. Marked increase has taken place in the plant nutrient consumption, from 27,913 tons in 1970-71 to 49,150 tons in 1971-72. Proper inputs and practices for the cultivation of HYV were under constant review aided principally by the Farm Management FFU.

3. Agricultural Research program oriented toward problems retarding foodgrain production.
3. The research program is strongly oriented to solve food production problems. The Central Rice Research Institute at Cuttack is highly useful to the state in the development of new varieties of rice and improvement of cultivation practices. Besides crop improvement, research program included soil-fertilizer correlation studies, improvement of quality and quantity of soil testing work and development of new farm machinery, etc. Feed back information from and to the university research staff, however, need further improvement.
5. Systematic interpretation and testing of research conclusions.
5. All new practices and varieties developed by the research workers undergo multi-locational trials for their suitability to different areas. They are thoroughly tested before recommending them to the cultivators. As an instance this program included comprehensive trials of high yielding varieties of wheat, rice and finger millet at government farms and farmers fields before they were released to cultivators.
6. Dissemination to farmers of tested research conclusions and farmers acceptance of recommended practices.
6. Input kits, numerous field demonstrations, training of agricultural extension workers and farmers, preparation and exhibition of charts, posters, slides and films in village meetings and preparation and distribution of information publications on important topics such as soils, fertilizer, farm machinery, farm management, were helpful in the dissemination of research findings. The Audio-Visual Van was extensively used in these activities. Fertilizer consumption and area under HYV have steadily increased.