

3860366 (22) / PS

A.I.D. Reference Center
 Room 1656
 REPORT U-446

PROJECT APPRAISAL REPORT (PAR) PD-AAD-107-F1

10-1020-28 (11-70)

PROJECT NO.
 386-11-110-366

PAR FOR PERIOD: 1/1/1970 TO 6/30/1971
 3. COUNTRY: India
 4. PAR SERIAL NO.: FY 72-6

6. PROJECT DURATION: Began FY 67 Ends FY 72
 7. DATE LATEST PROP: 6/24/1969
 8. DATE LATEST PID: -
 9. DATE PRIOR PAR: 11/12/1970

10. U.S. FUNDING: a. Cumulative Obligation Thru Prior FY: \$ 677,000
 b. Current FY Estimated Budget: \$ 44,000
 c. Estimated Budget to completion After Current FY: \$ -

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)
 a. NAME: Pennsylvania State University
 b. CONTRACT, PASA OR VOL. AG. NO.: AID/nesa-295

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION BY			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 project as stated in the logical framework.	June 30, 1972
X			2. The project manager will undertake a detailed review of his project reporting and information gathering system 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.	Feb. 29, 1972
X			3. Consider assigning a technician staff member to assist the project manager.	ASAP
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

6. DATE OF MISSION REVIEW: 9/13/71
 REVISIONS: REVISOR'S NAME: DATE: PROJECT: PLO/AC: PLO/OP:
 For PROJECT MANAGER: TYPED NAME: SIGNED INITIALS AND DATE: Houston

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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. Pennsylvania State University				X								X
2.												
3.												

Comment on key factors determining rating

For the entire program the team has made good use of short term consultants. During this period a consultant in Seed Certification/Improvement (Ditmer) and one in Soil Salinity (Hatcher) were provided to Maharashtra State.

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

Comment on key factors determining rating

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

Comment on key factors determining rating

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

Comment on key factors determining rating

Continuity of personnel was very good. State personnel associated with the activity have all been advanced to higher positions in their fields of specialization.

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

N/A

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

NA

III. KEY OUTPUT INDICATORS AND TARGETS							
A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU- LATIVE PRIOR FY	CURRENT FY		FY 72	FY	END OF PROJECT
			TO DATE	TO END			
High Level Coordination Meetings	PLANNED	5	2		4	-	Quarterly
	ACTUAL PERFORM- ANCE	5	2				
	REPLANNED						
Four Field Problem Units	PLANNED	4	3		2		
	ACTUAL PERFORM- ANCE	4	3				
	REPLANNED						
Training of Indian staff P - Participants L - Local Staff	PLANNED	P-5 L-500	P-2 L-550		P-4 L-150		11 L-1200
	ACTUAL PERFORM- ANCE	P-3 L-500	P-2 L-250				
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
1. Active seed production and certification program		Active FPU and state has also had two short term consultants. State was first one to have its own seed certification agency and have appointed staff.					
2. Cooperation with State Department of Agriculture and Irrigation & Power Department		COMMENT: Both the Department of Irrigation and Power and the Agricultural University staff have been trained in laboratory techniques for water quality determination and in soil testing for reclamation of saline soils.					
3.		COMMENT:					

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO
slightly reworded

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. High level coordination exists.</p> <p>2. Qualified researchers and field staff are assigned.</p> <p>3. Agricultural research program oriented towards problems regarding foodgrain production.</p> <p>4. Established lines of communications among related research agencies, field staff and private industry.</p> <p>5. Systematic interpretation and testing of research conclusions.</p> <p>6. Dissemination to farmers of tested research conclusions and farmers acceptance of recommended practices.</p>	<p>1. The high level coordinating committee meets regularly to review progress and resolve problems.</p> <p>2. State is in process of establishing two agricultural universities with adequate research staff. The State Department of Agr. staff is very adequate. Good soil testing laboratories, also water laboratory and salinity laboratory.</p> <p>3. Testing of inbred lines of sorghum and insecticide tests to resolve problem of shoot fly and other diseases is being conducted. Ag College has developed and tested improved machinery in threshers, plows and seed cum fertilizer drills. Agr. Department and College developed package of practices</p> <p>4. See answers 1 and 3. Also Agr. Department & University staff meet annually to plan research.</p> <p>5. All practices advocated are field tested before being recommended in package of practices. Numerous trial cum demonstration farms.</p> <p>6. Training and demonstrations of kit program has been conducted. Thousands of farmers trained in pest control and in irrigation procedures.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Assist India to achieve continuing rapid growth in foodgrain production.

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 yield varieties has increased production on individual farms three to four fold when 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 yield per unit area.