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AID 1020-25 (7-68)		SECURITY CLASSIFICATION		001 PROJECT NUMBER	
PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1		Unclassified		386-11-110-366.9	
002 PAR	MO.	DAY	YR.	003 U.S. OBLIGATION SPAN	004 PROJECT TITLE
AS OF:	1	2	3	FY 68	Thru FY 74
005 COOPERATING COUNTRY - REGION - AID/W OFFICE				006 PROJECT TITLE	
India/NESA				Agricultural Production - GUJARAT	

10 p.

AID DOLLAR FINANCING-OBLIGATIONS (\$000)	TOTAL	CONTRACT (NON-ADD)	PERSONNEL SERVICES			PARTICIPANTS		COMMODITIES		OTHER COSTS	
			AID	PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT	DIR. PASA	CONTRACT
CUMULATIVE NET THRU ACTUAL YEAR (FY 1968)	138	-	-	126	-	10	-	2	-	-	-
PROPOSED OPERATIONAL YEAR (FY 1969)	133	-	-	105	-	21	-	7	-	-	-

CCC VALUE OF P.L. 480 COMMODITIES (\$000) → Thru Actual Year : Operational Year Program :

007 IMPLEMENTING AGENCY TABLE

If contractors or participating agencies are employed, enter the name and contract or PASA number of each in appropriate spaces below; in the case of voluntary agencies, enter name and registration number from M.O. 1551.1, Attachment A. Enter the appropriate descriptive code in columns b and c, using the coding guide provided below.

TYPE CODE b	TYPE CODE c	a. IMPLEMENTING AGENCY	TYPE CODE		d. CONTRACT/PASA/VOLAG NO.	e. LEAVE BLANK FOR AID/W USE
			b.	c.		
1. U.S. CONTRACTOR	0. PARTICIPATING AGENCY	1. US Department of Agriculture	4	0	NESA(AJ)-33-68	
2. LOCAL CONTRACTOR	1. UNIVERSITY					
3. THIRD COUNTRY CONTRACTOR	2. NON-PROFIT INSTITUTION					
4. PARTICIPATING AGENCY	3. ARCHITECTURAL & ENGINEERING	2.				
5. VOLUNTARY AGENCY	4. CONSTRUCTION	3.				
6. OTHER:	5. OTHER COMMERCIAL					
	6. INDIVIDUAL					
	7. OTHER:					

PART I - PROJECT IMPACT

I-A. GENERAL NARRATIVE STATEMENT ON PROJECT EFFECTIVENESS, SIGNIFICANCE & EFFICIENCY.

This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from the standpoint of:

- (1) overall performance and effectiveness of project implementation in achieving stated project targets;
- (2) the contribution to achievement of sector and goal plans;
- (3) anticipated results compared to costs, i.e., efficiency in resource utilization;
- (4) the continued relevance, importance and significance of the project to country development and/or the furtherance of U.S. objectives.

Include in the above outline, as necessary and appropriate, significant remedial actions undertaken or planned. The narrative can best be done after the rest of PART I is completed. It should integrate the partial analyses in I-B and I-C into an overall balanced appraisal of the project's impact. The narrative can refer to other sections of the PAR which are pertinent. If the evaluation in the previous PAR has not significantly changed, or if the project is too new to have achieved significant results, this Part should so state.

008 NARRATIVE FOR PART I-A (Continue on form AID 1020-25 I as necessary):

See attached.

MISSION DIRECTOR APPROVAL →	SIGNATURE	DATE
	DD - John Funari	April 24, 1969

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.

008 Narrative for Part I-A

This activity seeks to "institutionalize" a pattern of work that will serve the long range needs of agricultural development in the State so that the functions of the State Department of Agriculture, which is responsible for services to the cultivators, and the State facility, which is responsible for research, are able to coordinate their responses to the needs of the cultivator in the efforts of all concerned to increase agricultural production.

This project was extended to the State of Gujarat in January 1968 when a PASA was completed and the prospective Team Leader and the Chief of the USAID Agricultural Production Division surveyed the State to determine the physical working locations for the U.S. specialists. (As a result of the decision of the State Department of Agriculture to locate each of the four U.S. specialists in different cities in the State, the progress in recruiting and implementing the activity has been slow.) The Team Leader and one other specialist arrived on August 14, 1968 and a third member arrived December 18; no firm nomination for the fourth team member has been received.

The first two members were required to spend a considerable amount of their time establishing their homes in as much as no other USAID personnel were in the appropriate cities (similarly, the third member has been required to devote a considerable amount of his time to getting settled). However, the two members have surveyed the State and are preparing an Operational Work Plan. The two members who arrived in August were able to assist the State in a field demonstration project on the nutrient status of wheat and on a demonstration of land preparation and improved methods of applying irrigation water. Each American technician has been assigned two counterparts - one from the Departmental extension staff and one from the Agricultural Colleges. In view of the short time of the team in Gujarat, several parts of this PAR are not appropriate as of December 31, 1968 and have been marked NA.

NOTE: The USDA/PASA team members participated in the preparation of this PAR. They also participate in the development of the activities in this sub-project.

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PART I-B - PROJECT EFFECTIVENESS

009 I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

1. CODE NO. AID/W USE ONLY	2. This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target.	3. ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE)				6. PROJECTED TOTAL FOR PROJECT LIFE
		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	<p>1. To promote the development and use of State institutions and service organizations which can identify production problems in the field that are retarding agricultural progress and to initiate appropriate methods for their solution.</p> <p>2. To institutionalize a pattern of cooperation between the Director of Agriculture and the Agricultural Colleges which will involve them directly in the development program of the State, orient their research programs toward the immediate problems of production, and clearly establish the Colleges or State research facilities as institutions that help the Department of Agriculture to carry out its responsibilities for developing the agriculture of the State.</p> <p>3. Through the Field Problems Units provide technical knowledge verified through applied research for further refinement of the package of practices to be recommended for each of the HYVAs.</p> <p>4. Through the FPU develop demonstration and training programs necessary to acquaint agricultural workers, at district, block, and village levels, and farmers with the package of practices technologies to assure their understanding and acceptance of the concepts and the ultimate implementation by the farm family.</p> <p>5. Through the FPU establish close communication and working relationships between the field agricultural staff of the HYVA program and those public and private agencies and facilities responsible for providing the necessary inputs.</p>	NOT	APPLICABLE			

PART I-B - Continued

010

B.2 - OVERALL ACHIEVEMENT OF PROJECT TARGETS

Place an "X" within the bracket on the following seven-point scale that represents your judgment of the overall progress towards project targets:



PART I-C - PROJECT SIGNIFICANCE

011

C.1 - RELATION TO SECTOR AND PROGRAM GOALS (See detailed instructions M.O. 1026.1)

This section is designed to indicate the potential and actual impact of the project on relevant sector and program goals. List the goals in col. b and rate potential and actual project impact in cols. c and d.

a. CODE NO. (AID/W USE ONLY)	SCALE FOR COLUMN c: 3= Very Important; 2= Important; 1= Secondary Importance SCALE FOR COLUMN d: 3= Superior/Outstanding; 2= Adequate/Satisfactory/Good; 1= Unsatisfactory/Marginal	c. POTENTIAL IMPACT ON EACH GOAL IF PROJECT ACHIEVES TARGETS	d. ACTUAL IMPACT ON GOAL TO DATE RELATIVE TO PROGRESS EXPECTED AT THIS STAGE
	b. SECTOR AND PROGRAM GOALS (LIST ONLY THOSE ON WHICH THE PROJECT HAS A SIGNIFICANT EFFECT)		
	(1) Assist India to achieve self-sufficiency in food production.	3	NA
	(2) Help achieve adequate supply and distribution of essential agricultural inputs, accompanied by the appropriate technology.	2	NA
	(3) Help develop the indigenous institutions, technical skills and management capability necessary to assure the full application of agricultural inputs.	3	NA
	(4) Help develop appropriate processing, marketing and distribution mechanisms for the agricultural products.	1	NA

For goals where column c. is rated 3 or 2 and column d. is rated 1, explain in the space for narrative. The narrative should also indicate the extent to which the potential impacts rated 3 or 2 in column c. are dependent on factors external to the achievement of the project targets, i.e., is there a substantial risk of the anticipated impact being forestalled by factors not involved in the achievement of project targets. If possible and relevant, it also would be useful to mention in the narrative your reading of any current indicators that longer-term purposes, beyond scheduled project targets, are likely or unlikely to be achieved. Each explanatory note must be identified by the number of the entry (col. b) to which it pertains.
 012 NARRATIVE FOR PART I-C.1 (Continue on form AID 1020-25 1):

This period represents only four months of operation; however, it appears that accomplishing goal 3 would make a significant impact on the accomplishment of the other three goals. This would achieve a better use of technical skills and would direct both research and field operations to field problems.

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PART I-C - Continued

C.2 - GENERAL QUESTIONS NA

These questions concern developments since the prior PAR. For each question place "Y" for Yes, "N" for No, or "NA" for Not Applicable in the right hand column. For each question where "Y" is entered, explain briefly in the space below the table.	MARK IN THIS COL.
013 Have there been any significant, unusual or unanticipated results not covered so far in this PAR?	
014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments?	
015 Have any problems arisen as the result of advice or action or major contributions to the project by another donor?	
016 If the answer to 014 or 015 is yes, or for any other reason, is the project now less necessary, unnecessary or subject to modification or earlier termination?	
017 Have any important lessons, positive or negative, emerged which might have broad applicability?	
018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative?	
019 Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States?	
020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	
021 <u>NARRATIVE FOR PART I-C.2</u> Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-25 I as necessary):	

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PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

In general, project implementation is (place an "X" in one block):

BLOCK (c): If marked, place an "X" in any of the blocks one thru eight that apply. This is limited to key aspects of implementation, e.g., timely delivery of commodities, return of participants to assume their project responsibilities, cooperating country funding, arrival of technicians.	(a) On schedule	
	(b) Ahead of schedule	
	(c) Behind schedule	Y
	(1) AID/W Program Approval	
	(2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency)	X
	(3) Technicians	
	(4) Participants	
	(5) Commodities (non-FFF)	
	(6) Cooperating Country	
(7) Commodities (FFF)		
(8) Other (specify):		

II-B - RESOURCE INPUTS

This section appraises the effectiveness of U.S. resource inputs. There follow illustrative lists of factors, grouped under Implementing Agency, Participant Training and Commodities, that might influence the effectiveness of each of these types of project resources. In the blocks after only those factors which significantly affect project accomplishments, write the letter P if effect is positive or satisfactory, or the letter N if effect is negative or less than satisfactory.

1. FACTORS-IMPLEMENTING AGENCY (Contract/Participating Agency/Voluntary Agency)

NA

024 IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:	032 Quality, comprehensiveness and candor of required reports	
	033 Promptness of required reports	
025 Adequacy of technical knowledge	034 Adherence to work schedule	
026 Understanding of project purposes	035 Working relations with Americans	
027 Project planning and management	036 Working relations with cooperating country nationals	
028 Ability to adapt technical knowledge to local situation	037 Adaptation to local working and living environment	
029 Effective use of participant training element	038 Home office backstopping and substantive interest	
030 Ability to train and utilize local staff	039 Timely recruiting of qualified technicians	
031 Adherence to AID administrative and other requirements	040 Other (describe):	

2. FACTORS-PARTICIPANT TRAINING

NA

041 IF NO PARTICIPANT ELEMENT IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:	TRAINING UTILIZATION AND FOLLOW UP	
	052 Appropriateness of original selection	
PREDEPARTURE		
042 English language ability	053 Relevance of training for present project purposes	
043 Availability of host country funding	054 Appropriateness of post-training placement	
044 Host country operational considerations (e.g., selection procedures)	055 Utility of training regardless of changes in project	
045 Technical/professional qualifications	056 Ability to get meritorious ideas accepted by supervisors	
046 Quality of technical orientation	057 Adequacy of performance	
047 Quality of general orientation	058 Continuance on project	
048 Participants' collaboration in planning content of program	059 Availability of necessary facilities and equipment	
049 Collaboration by participants' supervisors in planning training	060 Mission or contractor follow-up activity	
050 Participants' availability for training	061 Other (describe):	
051 Other (describe):		

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PART II-B - Continued

3. FACTORS-COMMODITIES NA

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON-FFF	064 NO COMMODITY ELEMENT	072 Control measures against damage and deterioration in shipment.
065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization).				073 Control measures against deterioration in storage.
066 Quality of commodities, adherence to specifications, marking.				074 Readiness and availability of facilities.
067 Timeliness in procurement or reconditioning.				075 Appropriateness of use of commodities.
068 Timeliness of shipment to port of entry.				076 Maintenance and spares support.
069 Adequacy of port and inland storage facilities.				077 Adequacy of property records, accounting and controls.
070 Timeliness of shipment from port to site.				078 Other (Describe):
071 Control measures against loss and theft.				

Indicate in a concise narrative statement (under the heading a. Overall Implementation Performance, below) your summary appraisal of the status of project implementation, covering both significant achievements and problem areas. This should include any comments about the adequacy of provision of direct hire technicians as well as an overall appraisal of the comments provided under the three headings (b, c & d) which follow. For projects which include a dollar input for generation of local currency to meet local cost requirements, indicate the status of that input (see Detailed Instructions).

Discuss separately (under separate headings b, c & d) the status of Implementing Agency Actions, Participants and Commodities. Where above listed factors are causing significant problems (marked N), describe briefly in the appropriate narrative section: (1) the cause and source of the problem, (2) the consequences of not correcting it, and (3) what corrective action has been taken, called for, or planned by the Mission. Identify each factor discussed by its number.

079 NARRATIVE FOR PART II-B: (After narrative section a. Overall Implementation Performance, below, follow, on form AID 1020-251 as needed, with the following narrative section headings: b. Implementing Agency, c. Participants, d. Commodities. List all narrative section headings in order. For any headings which are not applicable, mark them as such and follow immediately below with the next narrative section heading.)

a. Overall Implementation Performance.

Two technicians have been at post for approximately four months. Most of the time has been spent getting acquainted with the agricultural conditions, developing working arrangements with counterparts, and solving logistic problems of housing and living arrangements. Each technician is headquartered in a different town. However, the two men at post had started work on field problems related to their technical areas.

b. Implementing Agency.

This is a PASA with the USDA. Recruitment of personnel has been slow and some candidates have turned down the positions because of the isolation and lack of schools or other facilities.

c. Participants.

Two participants were approved and sent last year. They returned late in the year so no assessment is appropriate.

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PART III - ROLE OF THE COOPERATING COUNTRY NA

The following list of illustrative items are to be considered by the evaluator. In the block after only those items which significantly affect project effectiveness, write the letter P if the effect of the item is positive or satisfactory, or the letter N if the effect of the item is negative or less than satisfactory.

SPECIFIC OPERATIONAL FACTORS:

- 080 Coordination and cooperation within and between ministries.
- 081 Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise.
- 082 Availability of reliable data for project planning, control and evaluation.
- 083 Competence and/or continuity in executive leadership of project.
- 084 Host country project funding.
- 085 Legislative changes relevant to project purposes.
- 086 Existence and adequacy of a project-related LDC organization.
- 087 Resolution of procedural and bureaucratic problems.
- 088 Availability of LDC physical resource inputs and/or supporting services and facilities.
- 089 Maintenance of facilities and equipment.
- 090 Resolution of tribal, class or caste problems.
- 091 Receptivity to change and innovation.
- 092 Political conditions specific to project.
- 093 Capacity to transform ideas into actions, i.e., ability to implement project plans.
- 094 Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated.
- 095 Extent of LDC efforts to widen the dissemination of project benefits and services.
- 096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations.
- 097 Enforcement of relevant procedures (e.g., newly established tax collection and audit system).
- 098 Other:

HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:

- 099 Level of technical education and/or technical experience.
- 100 Planning and management skills.
- 101 Amount of technician man years available.
- 102 Continuity of staff.
- 103 Willingness to work in rural areas.
- 104 Pay and allowances.
- 105 Other:

In the space below for narrative provide a succinct discussion and overall appraisal of the quality of country performance related to this project, particularly over the past year. Consider important trends and prospects. See Detailed Instructions for an illustrative list of considerations to be covered.

For only those items marked N include brief statements covering the nature of the problem, its impact on the achievement of project targets (i.e., its importance) and the nature and cost of corrective action taken or planned. Identify each explanatory note.

106 NARRATIVE FOR PART III (Continue on form AID 1020-25 I):

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PART IV - PROGRAMMING IMPLICATIONS

IV-A - EFFECT ON PURPOSE AND DESIGN

Indicate in a brief narrative whether the Mission experience to date with this project and/or changing country circumstances call for some adjustment in project purposes or design, and why, and the approximate cost implications. Cover any of the following considerations or others that may be relevant. (See Detailed Instructions for additional illustrative considerations.) Relevant experience or country situations that were described earlier can simply be referenced. The spelling out of specific changes should be left to the appropriate programming documents, but a brief indication of the type of change contemplated should be given here to clarify the need for change.

For example, changes might be indicated if they would:

1. better achieve program/project purposes;
2. address more critical or higher priority purposes within a goal plan;
3. produce desired results at less cost;
4. give more assurance of lasting institutional development upon U.S. withdrawal.

107 NARRATIVE FOR PART IV-A (Continue on form AID 1020-25 I):

No design changes appear to be warranted at this time.

IV-B - PROPOSED ACTION

108 This project should be (Place an "X" in appropriate block(s)):

1. Continued as presently scheduled in PIP.	X
2. Continued with minor changes in the PIP, made at Mission level (not requiring submission of an amended PIP to AID/W).	
3. Continued with significant changes in the PIP (but not sufficient to require a revised PROP). A formally revised PIP will follow.	
4. Extended beyond its present schedule to (Date): Mo. ___ Day ___ Yr. ___. Explain in narrative, PROP will follow.	
5. Substantively revised. PROP will follow.	
6. Evaluated in depth to determine its effectiveness, future scope, and duration.	
7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___	
8. Other. Explain in narrative.	

109 NARRATIVE FOR PART IV-B:

An in-depth evaluation of the activities in four states (Madras, Orissa, Andhra Pradesh, Maharashtra) where U.S. teams have been in place long enough for valid judgments to be made will occur in the Spring of 1969; conclusions therefrom will be related and adapted as appropriate to the conditions in Gujarat.

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