

8860867 (10)

AID 1020-25 (7-68)		SECURITY CLASSIFICATION		001 PROJECT NUMBER	
PROJECT APPRAISAL REPORT (PAR)		UNCLASSIFIED		386-11-190-367.3	
(U-446) See M.O. 1026.1				PD - AAD - 112 - F1	
002 PAR	MO.	DAY	YR.	003 U.S. OBLIGATION SPAN	004 PROJECT TITLE
AS OF:	1	6	69	FY 69	Thru FY 70
008 COOPERATING COUNTRY - REGION - AID/W OFFICE			004 PROJECT TITLE		
INDIA - NESAS/SA			Agr. Inputs Dev. (Plant Protection)		
			A.I.D. Reference Center Room 1656 NS		
			A.I.D. Reference Center Room 1656 NS		

006 FUNDING TABLE

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 19 69)	144	-	107	25	-	12	-	-	-	-	-
PROPOSED OPERATIONAL YEAR (FY 19 70)	108	-	53	5	-	50	-	-	-	-	-

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 2. LOCAL CONTRACTOR 3. THIRD COUNTRY CONTRACTOR 4. PARTICIPATING AGENCY 5. VOLUNTARY AGENCY 6. OTHER:	0. PARTICIPATING AGENCY 1. UNIVERSITY 2. NON-PROFIT INSTITUTION 3. ARCHITECTURAL & ENGINEERING 4. CONSTRUCTION 5. OTHER COMMERCIAL 6. INDIVIDUAL 7. OTHER:	1. USDA	4	1	NESA(AJ)-13-69	
		2.				
		3.				

PART I - PROJECT IMPACT

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

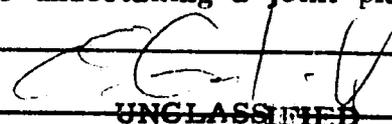
This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from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

USAID has been successful in initiating this sub-project activity with the GOI through the establishment of the position of Entomology Advisor to work with the Pesticide Association of India, a trade association representing all of the major manufacturers and formulators of pesticides in India. The ground has been laid for undertaking a joint plan of work within this facet of plant protection.

MISSION DIRECTOR APPROVAL →	SIGNATURE	DATE
		5/15/70

UNCLASSIFIED

SECURITY CLASSIFICATION

UNCLASSIFIED

PROJECT NUMBER

386-11-190-367.3

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 (Contd.)

The position of Entomology Advisor (Training) was filled in December 1969 and this aspect is now established as a functioning sub-activity.

Effective programs for plant protection as well as proper foodgrain handling and storage are essential aspects of USAID planning. Efforts have been made to thoroughly study Indian problems and outline the strategy for effective assistance in improvement of present practices. The problems are extremely complex and any action program requires many new interdisciplinary efforts by GOI ministries, departments and agencies. The complexities have repeatedly frustrated USAID efforts in helping to develop programs. However there now are indications that the GOI is beginning to be aware of the problems and possible solutions and that efforts are being made within GOI to resolve the jurisdictional aspects of rodent control and improved grain handling and storage. It is to be noted that the Rodent Control Specialist, until his departure in November 1969, studied the grain storage losses due to rats, birds, and other pests and proposed demonstration projects for reducing such losses. Implementation by the GOI, as noted above, has not been prompt.

In summary, the sub project is behind schedule, but the opportunity exists for effective programs during the coming year.

UNCLASSIFIED

SECURITY CLASSIFICATION

UNCLASSIFIED

386-11-190-367.3

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.	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>Reduce foodgrain losses thru programs to:</p> <ol style="list-style-type: none"> Promote the use of effective, economical plant/foodgrain protection techniques, materials/chemicals and equipment for effective pest control. Establish and develop a national plant protection surveillance and control system and assist with the training of personnel. Determine needs, availability and demand for pesticides. Conserve and protect foodgrains through improved pest control in storage warehouses and installations. Educate the masses as to the hazards and losses due to rodents. Evaluate and guide rodent control and plant protection research. 	NA	NA	NA	NA	NA

UNCLASSIFIED

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	1
	(2) Help achieve adequate supply and distribution of essential agricultural inputs, accompanied by the appropriate technology	3	1
	(3) Help develop the indigenous institutions, technical skills and management capability necessary to assure the full application of agricultural inputs.	3	1
	(4) Help develop appropriate processing, marketing and distribution mechanisms for the agricultural inputs/products.	2	1

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):

- (1) & (2) The use of plant protection practices is significantly influenced by factors external to the project; i.e., prices, supplies of other inputs, infrastructure, etc. The GOI is currently reviewing and revising plant protection programs, including subsidies, and this has caused a generally fluid situation to develop in this industry.
- (3) The PASA Entomology Advisor (Training) arrived at post for assignment to the Central Plant Protection Training Institute in December 1969. The formalities for assignment of a Entomology Advisor to the Pesticide Association of India as a GOI requested assignment were practically completed within the reporting period. (completed in January 1970). These new assignments create the opportunity to participate in institution building for effective plant protection.

SECURITY CLASSIFICATION

UNCLASSIFIED

PROJECT NUMBER

386-11-100-367.3

PART I-C - Continued

C.2 - GENERAL QUESTIONS

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?	N
014	Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments?	N
015	Have any problems arisen as the result of advice or action or major contributions to the project by another donor?	N
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?	NA
017	Have any important lessons, positive or negative, emerged which might have broad applicability?	N
018	Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative?	N
019	Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States?	N
020	Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	N

021 NARRATIVE FOR PART I-C.2 Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-25 I as necessary):

In addition to general analysis of the situation and planning of USAID strategy of technical assistance in plant protection, there has been participation in GOI and PAI activities as the opportunity has arisen to provide technical assistance. These activities have been selected and planned to provide the groundwork for effective technical assistance through the anticipated assignments to PAI and CPPTI.

UNCLASSIFIED

SECURITY CLASSIFICATION

PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

PIP ITEM NO.	MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS	(b) STATUS - PLACE AN "X" IN, ONE COLUMN		
		(1) BEHIND SCHEDULE	(2) ON SCHEDULE	(3) AHEAD OF SCHEDULE
	To develop insect and rodent control programs to reduce foodgrain losses in the field and from harvest to the point of storage.	X		
	To assist pesticides manufacturers and distributors with marketing programs and thereby contribute to an effective trade association.	X		
	To assist in the training of plant protection personnel for assignment throughout India, particularly in the area of surveillance and control.	X		
	See Part 1, I-A, 008			

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	X
(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)	X
(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)

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	P	034 Adherence to work schedule	
026 Understanding of project purposes	P	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

041 IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK:		TRAINING UTILIZATION AND FOLLOW UP	
		052 Appropriateness of original selection	P
PREDEPARTURE			
042 English language ability	P	053 Relevance of training for present project purposes	P
043 Availability of host country funding	P	054 Appropriateness of post-training placement	
044 Host country operational considerations (e.g., selection procedures)	P	055 Utility of training regardless of changes in project	
045 Technical/professional qualifications	P	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	P
050 Participants' availability for training	P	061 Other (describe):	
051 Other (describe):			

PART II-B - Continued

3. FACTORS-COMMODITIES

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON FFF	064 NO COMMODITY ELEMENT	X	
					072 Control measures against damage and deterioration in shipment.
065					073 Control measures against deterioration in storage.
066					074 Readiness and availability of facilities.
067					075 Appropriateness of use of commodities.
068					076 Maintenance and spares support.
069					077 Adequacy of property records, accounting and controls.
070					078 Other (Describe):
071					

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 1020-25 I 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. See Part I, I-A, 008

- b. Implementing Agency - The PASA technician has recently undertaken his assignment and demonstrates keen interest in developing a program of work.
- c. Participants - All participants are selected from experienced personnel of the GOI, PAI and the public and private sector plant protection units; thus utilization of training is expected to be good.
- d. Commodities - NA.

UNCLASSIFIED

386-11-170-367.3

PART III - ROLE OF THE COOPERATING COUNTRY

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 1):

In the absence of a developed program of work jointly prepared with the counterpart agencies (as of December 31, 1969) these factors have not been evaluated.

UNCLASSIFIED

SECURITY CLASSIFICATION

UNCLASSIFIED

386-11-190-367.3

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):

The opportunities for assistance are to be clarified and the plan of work to be formulated during the next year of work.

IV-B - PROPOSED ACTION

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

1. Continued as presently scheduled in PIEXX PROP	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:

UNCLASSIFIED

SECURITY CLASSIFICATION