

SUMMARY OF PROJECT APPRAISAL REPORT

Country - Laos

Project - Agriculture Development - Crops and Soils

Project Number - 439-11-190-065 • 1

Date of PAR - 12/1/69 (Second PAR)

U.S. Obligation Span - FY 1966-FY 1978

U.S. Obligations - Through FY 1969, \$1,593,000; FY 1970, \$349,000

Progress (since previous PAR dated 3/1/69)

1. RLG Agriculture Research is now keyed to provide data for increasing agriculture production in the Vientiane Plains area as the market already exists in Vientiane for the increased production. (P 1A)
2. Tested 30 additional paddy and upland rice varieties for an accumulated total of 630. (P 2)
3. Conducted 12 regional research trials (P 2)
4. Conducted 18 four-replication fertilizer response trials. (P 2A)
5. Produced 90 tons extension seed as against 50 tons in the previous PAR (P 2D)
6. The Seed Testing and Certification Laboratory tested 30 seed samples (P 2D)

Problems (no change since previous PAR)

The mission is conducting an in-depth evaluation of rice production and the next PAR will reflect the conclusions reached in the evaluation. (P 9)

AID/W Follow-up

None. All problems to be handled at the Mission level.

AID 1020-25 (7-68)	SECURITY CLASSIFICATION UNCLASSIFIED	001 PROJECT NUMBER 493-11-190-065, 1 439
PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1		

002 PAR	MO.	DAY	YR.	003 U.S. OBLIGATION SPAN	004 PROJECT TITLE
AS OF: 1	0	1	5	FY 66	Thru FY 79
008 COOPERATING COUNTRY - REGION - AID/W OFFICE Laos					AGRICULTURAL DEVELOPMENT Crops and Soils

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 1970)	1,741	53	500		16	187		974		27	37
PROPOSED OPERATIONAL YEAR (FY 1971)	143	25	35		18	42		37		4	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					
2. LOCAL CONTRACTOR	1. UNIVERSITY					
3. THIRD COUNTRY CONTRACTOR	2. NON-PROFIT INSTITUTION					
4. PARTICIPATING AGENCY	3. ARCHITECTURAL & ENGINEERING					
5. VOLUNTARY AGENCY	4. CONSTRUCTION					
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):

The narrative in the previous PARs apply. There is some revision in the presentation of the TARGETS and ACTIVITIES as presented in the FY 69 PAR, and again in the FY 70 PAR. The reader is afforded a clearer study of the project's plan by the revision but the original concept and strategy remains intact.

MISSION DIRECTOR APPROVAL →	SIGNATURE <i>[Signature]</i>	December 23, 1970
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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.

A trend being given more emphasis in the program is based on clearer recognition of the need for Laos to develop agricultural diversification along with increasing rice production. This was brought out in the two semi-annual agricultural technical meetings - wet and dry season conferences. The special efforts by the Agricultural Division to dig out statistics on Lao food production, consumption, and Thai imports has revealed that Laos is importing a very substantial amount of food at large outlays of its foreign exchange. This food could be produced in Laos. As a result, the PLG/USAID Agriculture program is directing its attention more firmly to the implementation of diversified agriculture.

The Agriculture program is likewise responding to the problem of the large increase in the numbers of refugees who are in need of technology that can be put to use to give food self-sufficiency in a short period of time.

The research needs of both of the above issues are being accommodated by the general plan as it is shown in 009 on page 2 through 2 G.

(1) Overall Performance and Effectiveness of Project Implementation in Achieving Stated Project Targets. The three project goals remain the same. Selected specific achievements are worthy of addition to those already cited in the FY 69 PAR.

Items of progress under the first goal - CROP PRODUCTION RESEARCH AND DEVELOPMENT - are:

ITEM: Introductory plantings of corn, sorghum, peanuts, soybeans and sweet potatoes were added to the breeding program in dry season 1970 with promising results and good prospects for productive multiple cropping systems.

ITEM: The rice selection program, in cooperation with IRRI, has selected over 100 new, improved, pedigreed, glutinous lines in wet season 1970. This development will make it possible for PLG Agriculture to offer glutinous rice growers several glutinous varieties to choose from, and promises to enhance the adoption of high-yield varieties for 1971 wet-season production. Up to now, except for IR253, all the "green revolution" varieties have been non-glutinous while more than 90 per cent of the Lao wet-season rice crop is of the glutinous sorts.

ITEM: The new strains are photo-nonsensitive, ranging from 100 to 120 days in maturity. This range is 15 to 35 days earlier than the IR8 and IR5 varieties, and 15 to 60 days earlier than native varieties. These new varieties can be planted in June, harvested in September, and other crops can be sown to utilize residual moisture now exhausted by the long maturing varieties. This technology opens up the way for multiple cropping systems in rotation with rice.

ITEM: The combination of direct-sowing rice in rows, with weeding by a Japanese-type hand weeder, offers good promise of cutting labor costs appreciably over traditional transplanting methods. Direct sown rice matures 7 to 10 days earlier than transplanted rice, and is an aid to multiple cropping agriculture.

ITEM: Profits from fertilizer applied to native varieties and to "green revolution" varieties are significant and impressive.

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ITEM: Mechanization of land preparation with Japanese-type 2-wheeled tractors gives decided advantages in better seed beds and timeliness over buffalo power.

ITEM: Rice plants grown from high-vigor seeds may account for as high as 20 per cent yield increases over low-vigor seeds of the same variety, giving added importance to the contributions that might accrue to farmers who adopt new seed technology.

ITEM: Testing of a new systems of packaging and distribution of rice seed, in cooperation with St. Regis Paper Co. (U.S.) gives promise of making high-vigor seeds of 6 new varieties available directly to villages in the next crop-growing season, after their performance is confirmed in the regional yielding ability trials. This seed distribution innovation will be put into operation in the 70-71 dry season. The significance of this item is in the fact that farmers can be brought up directly to the best proven varieties in the next growing season, season after season.

The second goal - MANPOWER TRAINING - continues to concentrate on in-service training courses using returned third-country participants as instructors. Graduates of these courses are returning to their posts at all technical levels in the research, extension, and ADO network of the Directorate. One impact of this training is the gradual formation of specialized occupational groups such as plant breeders, seed technicians, and extension subject-matter specialists.

The third goal - DEVELOPMENT OF FACILITIES AND EQUIPMENT - keeps responsive to the improvement being made by the Bureau of Agricultural Research to evolve a network of central, regional, and local levels for verification trials to give better data for agro-economic analysis. Salakham is now classed as a central research station for breeding and seed technology for all crops to be developed by the Bureau. Nam Tan, Hat Dok Keo, and Sedone, as pilot development projects, now fit in to conduct regional research trials with the necessary sophistication of adequately-trained staffs and research facilities. For the local verification trials, replacing the 2-hectare plots, MINIKITS of inputs for testing are now given directly to trained farmer cooperators. This procedure can use a lower level of skill and gives a wider coverage. f

(2) The Contribution to Achievement of Sector and Goal Plans. No change.

(3) Anticipated Results Compared to Costs. Increased from the statement given in the previous PARs due to support to diversified crop production instead of to rice monoculture only, with the aim to reduce food imports.

(4) The Continued Relevance, Importance, and Significance of the Project to Country Development and/or the Furtherance of U.S. Objectives.

More relevant even than in the previous PARs, in view of the political and technical issues that are related to the prominent refugee problem of helping them to become capable of producing their own food.

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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.	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	
			c PLANNED	b. ACTUAL		
	I. GOAL 1: CROP PRODUCTION RESEARCH AND DEVELOPMENT	10/15/70				
	I-1 TARGET 1: PRODUCTION RESEARCH To conduct sharply focused, production-oriented, research projects that are to be continued for sufficiently long periods of time to produce significant results. These projects aim at overcoming technological problems of Lao farmers which stand in the way of increasing crop productivity. Varietal improvement, seed multiplication and distribution, in a vertical integration of activities, is the central operation of this target. The unique problem of refugees for timely, self-sufficiency in food production is being met as a high priority by variety improvement-seed multiplication activities with short maturity food crops for use in 365 day crop growing systems. These crops, in combination, can provide adequate nutrition levels of calories, proteins, and vitamins for nutrition health of the Lao family.					
	I-1-1 ACTIVITY - Varietal Improvement To test and select improved high-yielding varieties that are adapted to the variable, local conditions of Laos for recommendation to farmers. List of Crops and approximate number of selections for testing:					
	1) lowland rice	1030	630	630	1430	10,200
	2) upland rice	300	250	250	350	700
	3) field corn	10	10	10	30	190
	4) sorghum	10	10	10	30	190
	5) millet	0	0	0	0	30
	6) wheat	0	0	0	0	30
	7) soybeans	7	7	7	47	200
	8) peanuts	5	5	5	9	30
	9) pulses	0	0	0	0	30
	10) sweet potatoes	0	0	0	0	30
	11) kenaf	0	0	0	0	30
	12) sugar cane	5	0	0	5	20
	13) green leafy vegetables	0	0	0	5	60

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PART I-B - PROJECT EFFECTIVENESS

009

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

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		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30		
			a. PLANNED	b. ACTUAL			
	14) other vegetables including sweet corn, beans, carrots etc	0	0	0	25	200	
	15) papaya	0	0	0	0	10	
	16) citrus	0	0	0	0	10	
	17) tea	0	0	0	0	5	
	18) coffee	0	0	0	0	10	
	<p>Note: It is recognized at this time that several additional crops—cereals, legumes, medicines, food flavorings, insecticide-bearing, and others - can be grown in Laos and for which domestic/export markets exist. Laos is in a region of Asia where there is a very varied topography and a vegetation that includes a large range of plant communities exhibiting a transition from tropical climate forms to temperate zone forms. Until peace comes, however, such opportunities for development are limited. The list of crops proposed above are ones needed to improve the diet of the Lao people who live on the hills and in the valleys, to feed livestock, and by the kenaf, to enable domestic weaving of gunny sacks. Increased production of these crops can save the Government substantial amounts of foreign exchange, stimulate the domestic economy, and improve the nutrition of the Lao people.</p> <p><u>I-1-2 Activity - Crop Practices</u></p> <p>To carry on investigations and record-keeping in the broad area of crop growing and utilization with major emphasis on those procedures which have immediate application.</p> <p><u>Procedures</u> to be carried out at central and regional production research testing sites.</p>						
	1) Agricultural meteorology, climatic influences, and Crop Weather Relations	1	0	6	1	5	
	2) Soils	0	0	0	0	1	
	3) Irrigation, Drainage, Water Supply, Water Require- ments, Soil-Plant - Water Relation, and Water management	0	0	0	0	5	

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		3. ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	4) Agronomy	0	0	0	0	5
	1) Cropping systems	0	0	0	0	5
	2) Fertilizers	3	3	3	3	5
	2) Harvesting	1	1	1	1	5
	4) Planting and Transplanting	1	1	1	1	5
	5) Soil Management & Tillage	1	1	1	1	5
	6) Weed Control	1	1	1	1	5
	5) Mechanization	1	1	1	1	5
	6) Seed Technology	1	1	1	1	1
	7) Diseases and Pests, Birds, Rats	0	0	0	0	5
	8) Product					
	1) Storage and Storage Pests	0	0	0	0	1
	2) Transportation and Processing	0	0	0	0	1
	3) Quality and Grading	0	0	0	0	1
	4) Utilization as food, non food and by-products	0	0	0	0	1
	9) Economics	0	0	0	0	1
	I-2 <u>PARCELS 2: RESEARCH EVALUATION AND EXTENSION</u>					
	To appraise research results of the above activities in terms that can be understood by Lao farmers, demonstrated by Extension agents, and promoted by Agribusiness. The aim here is to relate recommendations to economic returns and incentives for farmers, agricultural investment by agribusiness, and growth targets of national agricultural programs.					
	I-2-1 <u>Activity - To present the Results for Discussion and Recommendation at the Semiannual Agricultural Technical Conference</u>	4	2	2	6	24
	I-3 <u>TARGET 3: SEED/PLANT MULTIPLICATION, CERTIFICATION, DISTRIBUTION</u>					
	To establish a program to multiply and certify seeds/plants of recommended varieties for farmer use.					
	I-3-1 <u>Activity - Establish a National Seed Multiplication Program</u>					
	1) Prepare Hand book	1	1	1	1	1

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PART I-B - PROJECT EFFECTIVENESS

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

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		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5. PLANNED BY NEXT JUNE 30	
			4. PLANNED	5. ACTUAL		
	I-3-2 Activity - <u>Operate Seed Testing & Certification Laboratory</u> 1) Laboratory - Salakham	0	0	0	0	1
	I-3-3 Activity - <u>Operate a Seed Processing Facility to Prepare High Vigor Seed Minikits of Elite Seed Classes For Distribution to Farmers at Village Level</u> 1) Facility - Salakham	0	0	0	0	1
	I-3-4 Activity - <u>Operate Local Plant Propagation Nurseries</u> 1) One in each province	3	3	3	3	7
	II. <u>GOAL 2: MANPOWER TRAINING</u>					
	II-1 <u>TARGET 1: IN-SERVICE TRAINING</u> To conduct in-service training courses for crop production specialists					
	II-1-1 Activity - <u>Crop Experiment Methods - Six Months</u> 1) Number of Courses 2) Number of Participants	4 129	3 102	3 102	5 155	23 630
	II-1-2 Activity - <u>Seed Technology, Multiplication Certification - Two Weeks</u> 1) Number of Courses 2) Number of Participants	3 15	2 10	2 10	5 35	24 120
	II-1-3 Activity - <u>Farm Machinery Maintenance - One Month</u> 1) Number of Courses 2) Number of Participants	0 0	0 0	0 0	0 0	11 110
	II-1-4 Activity - <u>Special Topics on Crop Production Development - One Week</u> 1) Number of Seminars 2) Number of Participants	0 0	0 0	0 0	0 0	11 330
	II-1-5 Activity - <u>Program Planning and Evaluation for Research Project Managers - Two Weeks</u> 1) Number of courses 2) Number of Participants	3 30	2 15	2 15	4 45	13 195
	II-1-6 Activity - <u>Orientation for Participants Returning From Studies Abroad to Become Crop Production Specialists - Two Weeks</u> 1) Number of Courses 2) Number of Participants	3 57	2 36	2 36	4 63	14 195

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		3 ACTUAL CUM. TO DATE	4. AS OF PRIOR JUNE 30		5 PLANNED BY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	<u>II-1-7 Activity - Orientation Training for New Recruits From AGR Schools to Become Crop Production Trainees - One Month</u>					
	1) Number of courses	0	0	0	0	11
	2) Number of Participants	0	0	0	0	110
	<u>II-2 TARGET 2: U.S. - THIRD COUNTRY TRAINING</u> To train participants in U.S. and Third Countries in skills, principles, and basic procedures of Agricultural science that are essential for carrying out the Bureau's programs and which are lacking in the Laotian educational system. In general, those selected for this training will have demonstrated ability and potential for further training abroad during in-service training outlined above.					
	<u>II-2-1 Activity - Non Degree Training - U.S. and Third Country</u>					
	1) Number of participants	74	70	70	70	134
	<u>II-2-2 Activity - Degree Training - U.S. and Third Country</u> (The first of the degree participants will return in FY 71)					
	1) Number of participants	14	14	14	14	66
	<u>III. GOAL 3: DEVELOPMENT OF FACILITIES AND EQUIPMENT</u>					
	<u>III-1 TARGET 1: IMPROVEMENT OF EXPERIMENT STATION FACILITIES AND EQUIPMENT FOR PRODUCTION RESEARCH</u>					
	<u>III-1-1 Activity - Salakham Experiment Station (Central)</u>					
	1) Establish crop handling, weighing shed & equip	0	0	0	0	1
	2) Establish crop drying, seed cleaning, storage facility, and equip	0	0	0	0	1
	3) Establish agricultural storage shed and equip	0	0	0	0	1
	4) Establish farm machinery shed and equip	0	0	0	0	1
	5) Establish compost sheds	0	0	0	0	1
	6) Establish research laboratory for seed technology, drying, milling, cooking quality studies and equip (Contract with Mississippi State University for design of buildings, specifications, of equipment)	0	0	0	0	1
	7) Establish fish ponds	0	0	0	0	1

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			a. PLANNED	b. ACTUAL		
	<u>III-1-3 Activity - Hat Dok Keo Experiment Station (Regional)</u>					
	1) Establish crop handling, weighing shed & equip	1	0	0	1	1
	2) Establish seed cleaning, drying & storage facility and equip	0	0	0	0	1
	3) Establish agrichemical storage shed & equip	0	0	0	0	1
	4) Establish compost sheds	0	0	0	0	1
	<u>III-1-4 Activity - Sedone Experiment Station (Regional)</u>					
	1) Establish crop handling, weighing shed and equip	0	0	0	0	1
	2) Establish seed cleaning, drying & storage facility & equip	0	0	0	0	1
	3) Establish farm machinery shed and equip	0	0	0	0	1
	4) Establish agrichemical storage shed and equip	0	0	0	0	1
	5) Establish compost sheds					
	<u>III-1-5 Activity - Bolovens PK 42 Experiment Station (Regional)</u>					
	1) Establish crop handling, weighing shed and equip	0	0	0	0	1
	2) Establish crop drying, seed cleaning, storage facility and equip	0	0	0	0	0
	3) Establish agrichemical storage shed & equip	0	0	0	0	0
	4) Establish farm machinery shed & equip	0	0	0	0	0
	5) Establish compost sheds	0	0	0	0	0
	6) Establish fish pond	0	0	0	0	0
	<u>III-1-6 Activity - Local Seed/Plant Propagation Stations</u>					
	Locations: (1) Ban Houie Sai (2) Luang Prabang					
	(3) Sayaboury (4) Vientiane					
	(5) Khammouane (6) Savannakhet					
	(7) Sedone					
	1) Establish 7 crop handling, weighing sheds & equip	0	0	0	0	7
	2) Establish 7 combination agrichemical storage - farm machinery sheds and equip	0	0	0	0	7

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

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			a. PLANNED	b. ACTUAL		
	3) Establish 7 irrigation & drainage systems and equip	0	0	09	0	7
	4) Establish 7 fish ponds	0	0	0	0	7
	5) Establish 7 compost sheds	0	0	0	0	7
	III-1-7 Activity - Central Plant Protection & Soils Laboratory - Salakham (Building to be supplied by U.K. Government)					
	1) Provide equipment and FCW	0	0	0	0	1
	III-2 TARGET 2-IMPROVEMENT OF PRODUCTION RESEARCH TRAINING FACILITIES AND EQUIPMENT FOR IN-SERVICE TRAINING					
	III-2-1 Activity - Salakham Experiment Station					
	1) Establish a combination dormitory and classroom and equip - capacity 35 persons	0	0	0	0	1
	2) Provide instruction equipment and supplies for Training courses	0	0	0	0	1
	III-2-2 Activity - Nam Tan Experiment Station					
	1) Establish a combination dormitory - dining room building & equip - capacity 15 persons	0	0	0	0	1
	2) Establish combination office-classroom building and equip - capacity 15 persons	0	0	0	0	1
	3) Provide instruction equipment and supplies for training courses	0	0	0	0	1
	III-2-3 Activity - Hat Dok Keo Experiment Station					
	1) Establish a combination dormitory-dining room building & equip - capacity 15 persons	0	0	0	0	1
	2) Establish combination office - classroom building and equip - capacity 15 persons	0	0	0	0	1
	3) Provide instruction equipment and supplies for training courses	0	0	0	0	1

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

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			a PLANNED	b ACTUAL		
	<u>III-2-4 Activity - Sedone Experiment Station</u>					
	1) Establish a combination dormitory-dining room building & equip - capacity 15 persons	0	0	0	0	1
	2) Establish combination office-classroom building and equip - capacity 15 persons	0	0	0	0	1
	3) Provide instruction equipment and supplies for training courses	0	0	0	0	1
	<u>III-2-5 Activity - Bolovens PK 42 Experiment Station</u>					
	1) Establish a combination dormitory-dining room building & equip - capacity 15 persons	0	0	0	0	1
	2) Establish combination office - classroom building and equip - capacity 15 person	0	0	0	0	1
	3) Provide instruction equipment and supplies for training courses	0	0	0	0	1
	<u>III-2-6 Activity - Local Seed/Plant Propagation Stations</u>					
	Locations: (1) Ban Houie Sai (2) Luang Prabang					
	(3) Sayaboury (4) Vientiane					
	(5) Khammuone (6) Savannakhet					
	(7) Sedone					
	1) Establish 7 combination dormitory-dining room building and equip - capacity 15 persons	0	0	0	0	7
	2) Establish 7 combination office-classroom buildings and equip - capacity 15 persons	0	0	0	0	7
	3) Provide instruction equipment and supplies for training course - 7 locations	0	0	0	0	7

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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.

c. 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 (SEE COUNTRY FILED SUBMISSION FOR CLASSIFICATION OF U.AID LACK GOALS)		
	The UNHCR 1980s program goal is to foster the maintenance of a neutral and independent government in Laos by providing advice and assistance in the fields of (1) stabilizing the economy, (2) alleviating war caused suffering and disruption, (3) maintaining necessary government services, (4) improving social infrastructure and (5) developing the economy. Project purposes related to this goal are:		
	(a) to assist in the development of the economy through actions designed to accomplish project goals listed below.	3	3
	(b) to assist in the development of social infrastructure through actions designed to accomplish project goals listed below.	2	2
	(c) to assist in stabilizing the economy through actions designed to accomplish project goals listed below.	2	2

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):

Project goals are:

- (1) To influence the increase of agricultural productivity in government controlled areas as a means of raising farm income, reducing the need for food imports and its costs in foreign exchange.
- (2) To improve the capability of HLG to provide agricultural technology and services to village people as a means of strengthening relationships between the people and the Government.
- (3) To improve the skills and capability of the personnel of the Bureau of Agricultural Research as a means of strengthening the development of a middle class of technocrats who can rationalize nation-building.

Narrative in FY69 PAR applies.

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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?	N
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?	Y
020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.)	N
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):	

Previous narratives apply, make following addition:

019 The technology breakthroughs that are coming out of the research activities are excellent material for War On Hunger sector stories. The key point here is locally-developed new technology that can be applied to local situations in Laos (as a LEC) to feed its people.

The rise of certain personnel into technocrats and administrators of good quality, showing what happens in government services to its people when proper training programs are put into effect, can be found in the manpower development activities of this project.

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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.

(a) 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
	<u>PROCEDURES</u> - to be carried out at central and regional production research testing sites:			
	1) Agricultural meteorology, Climatic influences, and Crop weather relations		X	
	2) Soils		X	
	3) Irrigation, Drainage, Water supply, Water requirements, Soil-Plant-Water relation, and Water management		X	
	4) Agronomy		X	
	1. Cropping systems		X	
	2. Fertilizers		X	
	3. Harvesting		X	
	4. Planting and Transplanting		X	
	5. Soil Management and Tillage		X	
	6. Weed Control		X	
	5) Mechanization		X	
	6) Seed Technology		X	
	7) Diseases and Pests, Birds, Rats		X	
	8) Product		X	
	1. Storage and Storage pests		X	
	2. Transportation and Processing		X	
	3. Quality and Grading		X	
	4. Utilization as food, non-food, and by-products		X	
	9) Economics		X	
	I-2 <u>TARGET 2: RESEARCH EVALUATION AND RECOMMENDATION</u>			
	I-2-1 ACTIVITY - <u>To Present the Results of the Research for Discussion and Recommendation at the Semi-annual Agricultural Technical Conferences</u>			
	I-3 <u>TARGET 3: SEED/PLANT MULTIPLICATION, CERTIFICATION, DISTRIBUTION</u> To establish a program to multiply and certify seeds/plants of recommended varieties for farmer use.			
	I-3-1 ACTIVITY - <u>Establish a National Seed Multiplication Program</u>			
	1) Prepare handbook		X	
	I-3-2 ACTIVITY - <u>Operate Seed Testing & Certification Laboratory</u>			
	1) Laboratory - Salakham		X	

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		(1)	(2)	(3)
		BEHIND SCHEDULE	ON SCHEDULE	AHEAD OF SCHEDULE
I-3-3	ACTIVITY - <u>Operate a Seed Processing Facility to Prepare High-Vigor Seed Minikits of Elite Seed Classes for Distribution to Farmers at Village Level</u> 1) Facility - Salakham		X	
I-3-4	ACTIVITY - <u>Operate Local Plant Propagation Nurseries - One in Each province</u>		X	
II	<u>GOAL 2. MANPOWER TRAINING</u>			
II-1	<u>TARGET 1: IN-SERVICE TRAINING</u> To conduct in-service training courses at Salakham Training Center and/or other Training Centers for rice production specialists, technicians, and trainees of the various Bureaus - Research, Extension, Irrigation, RBD - and of the private sector. For the following courses, to: 1) Prepare curriculum 2) Invite instructors 3) Provide supplies		X X X	
II-1-1	ACTIVITY - <u>Crop Experiment Methods - Six Months</u> 30 students each course		X	
II-1-2	ACTIVITY - <u>Seed Technology, Multiplication, Certification - Two Weeks</u> 7-10 students each course		X	
II-1-3	ACTIVITY - <u>Farm Machinery Maintenance - One Month</u> 10 participants each course		X	
II-1-4	ACTIVITY - <u>Special Topics on Crop Production Development - One Week</u> 30 participants each seminar		X	
II-1-5	ACTIVITY - <u>Program Planning & Evaluation for Experiment Station & Two-Hectare Chiefs - Two Weeks</u> 15 participants each course		X	
II-1-6	ACTIVITY - <u>Orientation for Participants Returning from Studies Abroad to Become Crop Production Specialists - Two Weeks</u> 10-20 students each course		X	

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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
II-1-7	ACTIVITY - <u>Orientation Training for New Recruits from Agricultural Schools to Become Crop Production Trainees - One Month</u> 10 students each course		X	
II-2	TARGET 2: <u>THIRD COUNTRY - U.S. TRAINING</u> To train participants in U.S. and Third Countries in skills and basic principles of agricultural science that are essential for carrying out the Bureau's programs and which are lacking in the Laotian educational system. For the participants of the following training programs to: (1) Screen candidates (2) Select candidates (3) Provide orientation (4) Prepare PIO/Ps			
II-2-1	ACTIVITY - <u>Non-Degree Training - U.S. & Third Country</u>		X	
II-2-2	ACTIVITY - <u>Degree Training - U.S. & Third Country</u> (The first of the degree participants will return in FY'71)		X	
III	<u>GOAL 3. DEVELOPMENT OF FACILITIES AND EQUIPMENT</u>			
III-1	TARGET 1: <u>IMPROVEMENT OF EXPERIMENT STATION FACILITIES AND EQUIPMENT FOR PRODUCTION RESEARCH WORK</u> For the following construction, to prepare designs, estimates of cost, and let for bidding.			
III-1-1	ACTIVITY - <u>Salakham Experiment Station -(CENTRAL)</u> 1) Establish crop handling, weighing shed and equip 2) Establish crop drying, seed cleaning, storage facility and feed room and equip 3) Establish agrichemical storage shed and equip 4) Establish farm machinery shed and equip 5) Establish compost sheds 6) Establish research laboratory for seed technology, drying, milling & cooking quality studies & equip. (Negotiate contract with Mississippi State University for design of buildings, specifications of equip)		X	

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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
III-1-2	ACTIVITY - <u>Nam Tam Experiment Station (Regional)</u> 1) Establish crop handling, weighing shed & equip 2) Establish crop drying, seed cleaning, storage facility and feed room and equip 3) Establish agrichemical storage shed & equip 4) Establish farm machinery shed and equip 5) Establish compost sheds. 6) Establish fish ponds (This construction is funded under AGR Extension Project)		Xx X X X X X	
III-1-3	ACTIVITY- <u>Hat Dok Keo Experiment Station (Regional)</u> 1) Establish crop handling, weighing shed & equip 2) Establish seed cleaning, drying & storage facility & equip 3) Establish agrichemical storage shed & equip 4) Establish compost sheds		X X X X	
III-1-4	ACTIVITY - <u>Sedone Experiment Station (Regional)</u> 1) Establish crop handling, weighing shed & equip 2) Establish seed cleaning, drying & storage facility & equip 3) Establish farm machinery shed & equip 4) Establish agrichemical storage shed & equip 5) Establish compost sheds		X X X X X	
III-1-5	ACTIVITY- <u>Bolovens PK 42 Experiment Station (Regional)</u> 1) Establish crop handling, weighing shed & equip 2) Establish crop drying, seed cleaning, storage facility & feed room & equip 3) Establish agrichemical storage shed & equip 4) Establish farm machinery 5) Establish compost sheds 6) Establish fish ponds		X X X X X X	
III-1-6	ACTIVITY - <u>Local Seed/Plant Propagation Stations</u> Locations: (1) Ban Houei Sai, (2) Luang Prabang), (3) Sayaboury, (4) Vientiane, (5) Khammouane, (6) Savannakhet, (7) Sedone 1) Establish 7 crop handling, weighing sheds & equip 2) Establish 7 combination agrichemical storage-farm machinery sheds & equip 3) Establish 7 irrigation & drainage systems & equip 4) Establish 7 fish ponds 5) Establish compost sheds - 7 locations 6) Establish 7 crop drying, seed cleaning, & storage facilities & equip		X X X X X X	

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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.

(a) 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
III-1-7	ACTIVITY - Nam Tan Experiment Station <u>Regional Laboratory (Salakham)</u> 1) Provide equipment (Due to delay in U.K. government contribution)	X		
III-2	<u>TARGET 2: IMPROVEMENT OF PRODUCTION RESEARCH TRAINING FACILITIES AND EQUIPMENT FOR IN-SERVICE TRAINING</u>			
III-2-1	ACTIVITY - <u>Salakham Experiment Station</u> 1) Establish a combination dormitory & classroom & equip - capacity 35 persons 2) Provide instruction equipment & supplies for training courses. (Delay due to waiting for U.K. Government plans)	X X		
III-2-2	ACTIVITY - <u>Nam Tan Experiment Station</u> 1) Establish combination dormitory-dining- room building & equip - capacity 15 persons 2) Establish combination office-classroom building & equip - capacity 15 persons 3) Provide instruction equipment & supplies for training courses (Funded under Agr. Extension Project)		X X X	
III-2-3	ACTIVITY - <u>Hat Dok Keo Experiment Station</u> 1) Establish combination dormitory-dining room building & equip - capacity 15 persons 2) Establish combination office-classroom building & equip - capacity 15 persons 3) Provide instruction equipment & supplies for training courses		X X X	
III-2-4	ACTIVITY - <u>Sedone Experiment Station</u> 1) Establish combination dormitory-dining room building & equip - capacity 15 persons 2) Establish combination office-classroom building & equip - capacity 15 persons 3) Provide instruction equipment & supplies for training courses		X X X	

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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.

(a) 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
III-2-5	<p><u>ACTIVITY - Bolovens PK-42 Experiment Station</u></p> <p>1) Establish combination dormitory-dining room building & equip - capacity 15 persons</p> <p>2) Establish combination office-classroom building & equip - capacity 15 persons.</p> <p>3) Provide instruction equipment & supplies for training courses</p>		<p>X</p> <p>X</p> <p>X</p>	
III-2-6	<p><u>ACTIVITY - Local Seed/Plant Propagation Stations</u></p> <p>Locations: (1) Ban Houei Sai (2) Luang Prabang (3) Sayaboury (4) Vientiane (5) Khammouane (6) Savannakhet (7) Sedone</p> <p>1) Establish 7 combination dormitory-dining-room buildings & equip - capacity 15 persons</p> <p>2) Establish 7 combination office-classroom buildings & equip - capacity 15 persons</p> <p>3) Provide instruction equipment & supplies for training courses</p>		<p>X</p> <p>X</p>	

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PART II - Continued

023 II-A.2 - OVERALL TIMELINESS

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

	X
(a) On schedule	
(b) Ahead of schedule	
(c) Behind schedule	

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.

(1) AID/W Program Approval	
(2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency)	
(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)

024 IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK:	X	032 Quality, comprehensiveness and candor of required reports	
025 Adequacy of technical knowledge		033 Promptness of required reports	
026 Understanding of project purposes		034 Adherence to work schedule	
027 Project planning and management		035 Working relations with Americans	
028 Ability to adapt technical knowledge to local situation		036 Working relations with cooperating country nationals	
029 Effective use of participant training element		037 Adaptation to local working and living environment	
030 Ability to train and utilize local staff		038 Home office backstopping and substantive interest	
031 Adherence to AID administrative and other requirements		039 Timely recruiting of qualified technicians	
		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	
PREDEPARTURE		052 Appropriateness of original selection	
042 English language ability		053 Relevance of training for present project purposes	P
043 Availability of host country funding		054 Appropriateness of post-training placement	P
044 Host country operational considerations (e.g., selection procedures)	P	055 Utility of training regardless of changes in project	P
045 Technical/professional qualifications		056 Ability to get meritorious ideas accepted by supervisors	P
046 Quality of technical orientation	P	057 Adequacy of performance	P
047 Quality of general orientation	P	058 Continuance on project	P
048 Participants' collaboration in planning content of program	P	059 Availability of necessary facilities and equipment	P
049 Collaboration by participants' supervisors in planning training	P	060 Mission or contractor follow-up activity	
050 Participants' availability for training	P	061 Other (describe):	
051 Other (describe):			

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PART II-B - Continued

3. FACTORS-COMMODITIES

PLACE AN "X" IN APPROPRIATE BLOCK:	062 FFF	063 NON-FFF	064 NO COMMODITY ELEMENT			
					072 Control measures against damage and deterioration in shipment.	P
065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization).					073 Control measures against deterioration in storage.	P
066 Quality of commodities, adherence to specifications, marking.				P	074 Readiness and availability of facilities.	P
067 Timeliness in procurement or reconditioning.				P	075 Appropriateness of use of commodities.	P
068 Timeliness of shipment to port of entry.					076 Maintenance and spares support.	P
069 Adequacy of port and inland storage facilities.					077 Adequacy of property records, accounting and controls.	P
070 Timeliness of shipment from port to site.				P	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 1020-25 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.

No change

(b) Implementing Agency. Not applicable

(c) Participants. Narrative in FY69 PAR applies. Make following addition: Participants sent to UNRI for in-service training courses are picking up enough self-confidence and knowledge that they are capable teachers on return. This procedure now gives PLC a training program that is producing superior results to that obtained by sending participants to the Thai Government institutions in agriculture for observation tours.

(d) Commodities. No change.

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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.	N
083 Competence and/or continuity in executive leadership of project.	P
084 Host country project funding.	N
085 Legislative changes relevant to project purposes.	
086 Existence and adequacy of a project-related LDC organization.	P
087 Resolution of procedural and bureaucratic problems.	P
088 Availability of LDC physical resource inputs and/or supporting services and facilities.	N
089 Maintenance of facilities and equipment.	N
090 Resolution of tribal, class or caste problems.	
091 Receptivity to change and innovation.	P
092 Political conditions specific to project.	N
093 Capacity to transform ideas into actions, i.e., ability to implement project plans.	P
094 Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated.	N
095 Extent of LDC efforts to widen the dissemination of project benefits and services.	P
096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations.	P
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.	N
100 Planning and management skills.	N
101 Amount of technician man years available.	N
102 Continuity of staff.	N
103 Willingness to work in rural areas.	P
104 Pay and allowances.	N
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):

No change.

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):

In CO3, reference is made to diversified crop production and refugee food self sufficiency. Both issues have come into full prominence as priority issues to be addressed by the Mission Agricultural Development Program. The basic activity approach given in CO9 accommodates both issues.

IV-B - PROPOSED ACTION

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

- | | |
|--|--|
| 1. Continued as presently scheduled in PIP. | |
| 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:

The PWP and PIP are current. Skills may become the bottleneck to achievement of PIP targets. Periodic evaluations will carefully check whether targets exceed WAC capability, in which case implementation rates will need to be reduced.