

3860281-19

AID 1020-28 (7-68)			SECURITY CLASSIFICATION			001 PROJECT NUMBER		
PROJECT APPRAISAL REPORT (PAR)			UNCLASSIFIED			386-11-110-281.7		
(U-446) See M.O. 1026.1						PD-AID-098-A1		
002 PAR	MO.	DAY	YR.	003 U.S. OBLIGATION SPA.		004 PROJECT TITLE		
AS OF:	1	2	3	6	9	FY	6	4
				Thru	FY	7	7	9
005 COOPERATING COUNTRY - REGION - AID/W OFFICE				006 PROJECT TITLE				
INDIA NESA				Agricultural University Development Uttar Pradesh				

**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 1969)	2,170	2,170	-	-	1,452	-	384	-	334	-	-
PROPOSED OPERATIONAL YEAR (FY 1970)	387	387	-	-	285	-	70	-	32	-	-

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	d. 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. University of Illinois	1	1	AID/Nesa-150	
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 history and philosophy of the Uttar Pradesh Agricultural University set forth in the 1968 PAR continue to apply in 1969. In addition, the following comments are appropriate:

MISSION DIRECTOR APPROVAL →	SIGNATURE	DATE
	<i>[Signature]</i>	4/12/70

UNCLASSIFIED  
SECURITY CLASSIFICATION

SECURITY CLASSIFICATION  
**UNCLASSIFIED**PROJECT NUMBER  
**386-11-110-281.7****PAR CONTINUATION SHEET**

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Part I-A continued

a) General: Good progress has continued in the development of the University. The University farm has provided a substantial source of income that has significantly aided the financial resources of the institution.

The University has demonstrated a high level of competence in certain areas of teaching and research and has reached a stage that justifies a leading role in these two areas throughout Uttar Pradesh State. The teaching program has continued to develop depth and strength. Undergraduate enrollment continues to increase and the number of graduate students now exceeds 300. Excellent results have been obtained from adaptive research which has been conducted; it is having an impact on solutions to problems of agricultural production throughout the nation.

Satisfactory progress is being made in the development of the extension education activities of the University. Care is being taken to build up a sound program that will be of direct benefit to farmers. Large attendances of cultivators and other interested groups have been experienced at farm fairs and at coordinated soybean workshops, agro-economic research seminars and other conferences held on the campus.

b) Specific: Much progress has been made toward developing coordinated, inter-disciplinary research in such crops as wheat, maize, rice, pulses, soybean and sugarbeets; in breeding, feeding and disease control in animals such as dairy cattle, pigs and poultry; and in water management and tillage.

The research project evaluation advisory panel has been helpful in strengthening project proposals before activation of the projects. The Research Advisory Committee has continued to function and is now scheduled to meet more regularly to discharge its obligations. Research results have been published utilizing various media. The University Press has been helpful in this area. Action on opening of new campuses, which is one of the methods which will be used to transfer State research responsibility to the University in a phased manner, has not been finalized.

Improvements have been made in both scope and quality of the extension education programs of the University. The University has extended its extension education activities to 15 districts of Uttar Pradesh State. A new communication center has been initiated in collaboration with the Ford Foundation and is expected to be in operation within a few months.

**UNCLASSIFIED**

SECURITY CLASSIFICATION

SECURITY CLASSIFICATION <b>UNCLASSIFIED</b>	PROJECT NUMBER <b>386-11-110-281.7</b>
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**PAR CONTINUATION SHEET**

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Part I-A continued

The University is working in collaboration with Glaxi Laboratories and Uttar Pradesh State Cooperative Department in developing extension activities in the field of breeding, feeding and disease control of dairy cattle in the Aligarh District. It is hoped that this activity to get an industry involved in an extension activity will open up new patterns of collaboration between the University and industry in extension education activity.

Construction of the Home Science building is expected to be delayed until the end of 1970; the first class of 40-60 students is not expected to begin their studies before January or July, 1971.

The Departments of Civil, Mechanical and Electrical Engineering as well as the Department of Agricultural Engineering are participating in programs concerned with development of agro-industries and in solving engineering problems related to agricultural development as well as with other industrial development of the country.

The course offerings in Veterinary Medicine and Animal Science were subject to intensive study and an agreement has been reached in consolidating some courses and reviewing others to obtain an improved overall instructional program in the two fields.

The Contract team specialist in Dairy Science has been especially helpful in improving the cropping system to maximize production of quality forage the year around, improving the physical facilities of the dairy barn, and establishing a breeding program to improve the genetic competence of the herd. Special work has been done on the use of coconut milk extender for cattle and buffalo semen in artificial insemination but some difficulties have been encountered when used with buffalo semen. Much needs to be done in developing effective means of preserving semen and achieving more productive insemination techniques.

A short term consultant in Food Technology helped develop plans for a food science teaching and research program at UPAU. He also assisted with development of general plans for a food technology building for instruction and research programs in food science. A Professor of Food Science and Technology and a Professor of Bio-Chemistry were appointed who will be closely associated with the food science development program.

Good progress continued on the soybean coordinated research project. The project has served to demonstrate the food potential of soybeans as a commercial crop in India. It has also provided a desirable model for coordinated, inter-disciplinary research in other crops at UPAU. Some 20 faculty members from 9 departments and 3 colleges of UPAU spent all or part of their time on the coordinated project. In addition to heavy input of research personnel,

**UNCLASSIFIED**

SECURITY CLASSIFICATION

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PART I-A continued

research funds and supplies, UPAU imported 20 tons of soybean seed of adapted varieties for increase. Approximately 180 tons of seed were produced and in 1969 some 5,200 acres were planted on the Tarai farm. A thousand tons of seeds are available for 1970 plantings.

Not all the production problems have been solved, but it has been shown that soybeans can be grown commercially in several areas in both UP and MP States. More serious problems immediately at hand concern marketing, processing and utilization. The UPAU staff has channelled considerable effort in this direction, and this was the principal emphasis of the October 1969 Soybean Conference at Pant Nagar. UPAU hopes to develop a center of excellence in food science and technology with heavy emphasis first on soybean processing and utilization as a major project, along with the addition of needed teaching and research facilities in food science and technology.

A soils wing in the UPAU agricultural building was opened at ceremonies on October 21, 1969. This laboratory has much new soil testing and analysis equipment and is a fine addition for the soils teaching and research programs.

In May 1969 an inter-disciplinary committee on soil-plant-water relationships with representatives from several concerned departments was formed with the Head of the Soils Department as Chairman. This committee will give attention to expanding coordinated activity in this very important area.

While the general progress of the University is highly satisfactory, it was somewhat impeded by the following:

1) Several important administrative as well as senior academic posts remained unfilled. Filling these post is being actively pursued but shortage of highly qualified and experienced personnel makes the task difficult. Fortunately, positions are filled on the basis of merit and will not be filled unless fully qualified applicants are available.

2) Efforts are being continued to fill the position of Dean of Post-Graduate Studies with a fulltime person. Continued review of course offerings is being made and special efforts are continuing to consolidate and eliminate duplication in post-graduate courses. Efforts to approve the orientation program for new students continues.

## 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.

PART I-A continued

Efficient administration of the extensive research program requires the full time services of a Director of Research and half time services of the Associate Directors in each college. The Director has been deputed to the Tarai Development Corporation as Managing Director and the Joint Director of Research is serving as the Acting Director of Research. Associate Directors for Research Program have been appointed in each college, which should aid in the administration of the rapidly increasing research program of the University. More effective use of the Associate Directors is needed.

Although construction of academic buildings and staff quarters are proceeding, several major building projects are not being completed on schedule. One of the big difficulties has been obtaining the services of reliable contractors who will see the project through to completion. This difficulty has been solved to some extent.

UNCLASSIFIED

383-11-110-291.7

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 FY NEXT JUNE 30	
			a. PLANNED	b. ACTUAL		
	<ol style="list-style-type: none"> <li>1. Develop within the University an Administrative organization with a large degree of autonomy capable of directing all profession as well as supporting functions of an institution dealing with agricultural teaching, research, and extension education at undergraduate and graduate levels.</li> <li>2. Introduce teaching techniques that require students to learn by thinking and doing and that train them to perform definite jobs in agriculture.</li> <li>3. Integrate State research programs with the University and direct research work toward solving problems impeding Indian agricultural production.</li> <li>4. Develop a cooperative state extension education program receiving leadership and guidance from the university.</li> </ol>	NA	NA	NA	NA	NA

UNCLASSIFIED

SECURITY CLASSIFICATION

UNCLASSIFIED

PROJECT NUMBER

386-11-110-281.7

## 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. 1020.1)

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

The University has made a great impact on agriculture through inputs of seeds, practices and equipment developed at Uttar Pradesh Agricultural University. The Terai Farm has been a source of wheat and maize multiplication which has benefitted all of India. The seed production program is being developed into an organization with representation of the University, local growers, the National Seed Corporation and others.

The graduates of Uttar Pradesh Agricultural University depend less on governmental agencies for employment than do the graduates of any of the other agricultural universities. This happy situation is partly due to the result of excellent training with the strong emphasis on practical experience, an effective placement service and the high regard demonstrated by industry, banks and agri-business for the employment of UPAU graduates.

UNCLASSIFIED

-contd-

SECURITY CLASSIFICATION

UNCLASSIFIED

PROJECT NUMBER

386-11-110-231.7

## PAR CONTINUATION SHEET

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PART I-C.1

The University has a strong Economics and Farm Management Program. It is making an impact on decision making in the State. Nearly all the components are present at this University for an effective food technology unit. The administrative and academic climate together with Illinois expertise should provide the needed stimulus.

UNCLASSIFIED

SECURITY CLASSIFICATION

UNCLASSIFIED

386-11-110-281.7

## 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?	Y
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?	Y
017 Have any important lessons, positive or negative, emerged which might have broad applicability?	Y
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):	

- 015 & 016 = For a time some questions were raised by ICAR regarding the Ford Foundation-UPAU-University of Illinois affiliation in Agricultural Economics. This was quickly resolved to the satisfaction of all. This input has enhanced the effectiveness of the project since it is closely coordinated and allows greater coverage. A five year plan has been developed for further strengthening Agricultural Economics, including the offering of the Ph.D. degree.
- 017 = Adequate financing of the Agricultural Universities is an absolute must for rapid and significant development of the Universities.
- 019 = The Soybean Project and the total impact UPAU is having on agriculture are newsworthy.

## 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
	1. Clarify and improve the administrative structure of the University to provide for the assumption of broader responsibility in teaching, research, and extension education in the State.		X	
	2. Improve and strengthen resident instruction at both undergraduate and post graduate levels throughout the University.		X	
	3. Strengthen the College of Technology to fulfil its role in the development of agro-industry and solving engineering problems relating to agricultural development.		X	
	4. Evaluate the relative role of Animal Science and Veterinary Medicine in the Agricultural University and strengthen the teaching, research and extension in these areas.		X	
	5. Initiate the development of a coordinated, interdisciplinary program of food science.		X	
	6. Initiate planning and development of a curriculum for the new College of Home Science.	X		
	7. Strengthen research programs of the University and continue planning for the transfer of State research responsibility to the University.		X	
	8. Strengthen and broaden the interdisciplinary and inter-institutional scope of the soybean Coordinated Research Project.		X	
	9. Initiate the development of the coordinated interdisciplinary program of teaching, research and extension in the area of soil and water management.		X	
	10. Improve and strengthen the communication and dissemination of information from the University.		X	

UNCLASSIFIED

-contd-

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
	11. Strengthen the extension activity of the University and develop time phased plans for the transfer of State extension education responsibility to the University.		X	

PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

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

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

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.

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	034 Adherence to work schedule	P
026 Understanding of project purposes	035 Working relations with Americans	
027 Project planning and management	036 Working relations with cooperating country nationals	P
028 Ability to adapt technical knowledge to local situation	037 Adaptation to local working and living environment	P
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	053 Relevance of training for present project purposes	
043 Availability of host country funding	054 Appropriateness of post-training placement	P
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	P
046 Quality of technical orientation	057 Adequacy of performance	
047 Quality of general orientation	058 Continuance on project	P
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):		

SECURITY CLASSIFICATION

UNCLASSIFIED

PROJECT NUMBER

386-11-110-281.7

## 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 Timeliness of Agency program approval (i.e., P.I.O.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.				X	075 Appropriateness of use of commodities.	
068 Timeliness of shipment to port of entry.					076 Maintenance and spares support.	N
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.

This project is on schedule as far as the locale is concerned but it is ahead of schedule with respect to the average of other Agricultural Universities in India. There is a strong University leadership and a full complement of well qualified University of Illinois specialists. State support for the University is improving and Center support has increased materially during the past three years.

b. Implementing Agency

Careful selection of specialists and consultants has brought respect for the University of Illinois team. There has been a willingness to adopt and adapt projects and programs. The team members have shown high technical skill and have stimulated their counterparts.

c. Participant Training

Participant selection, availability and funding have not been problems. The returned participants have been placed in appropriate positions in line with their new found technical skills. Many of these participants are in positions of influence.

d. Commodities

Only small pieces of teaching and demonstration equipment have been introduced in recent years. These are in use and have been kept in good repair.

UNCLASSIFIED

SECURITY CLASSIFICATION

-contd-

Page 7

## 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.

PART II-B

076 - The Uttar Pradesh Agricultural University and the University of Illinois team continue to make every effort to keep equipment operating. However, equipment granted under previous projects was not always in operating condition when received. A list of replacement parts has been prepared and submitted to the Home Campus in order to bring some of this equipment into functional status. Older equipment which cannot be repaired because of unavailability of replacement parts will be disposed of under an approved procedure developed at the Mission. The record of UPAU on the maintenance of its Indian purchased equipment is satisfactory.

## 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.	P
081	Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise.	P
082	Availability of reliable data for project planning, control and evaluation.	
083	Competence and/or continuity in executive leadership of project.	P
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.	P
092	Political conditions specific to project.	P
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.	
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: U.S. Personnel Clearance	N
HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:		
099	Level of technical education and/or technical experience.	P
100	Planning and management skills.	P
101	Amount of technician man years available.	P
102	Continuity of staff.	P
103	Willingness to work in rural areas.	
104	Pay and allowances.	P
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):

- 098 - Delays within the GOI in granting country clearances for nominated specialists and consultants have occasionally impaired the effectiveness of the University of Illinois team in placing the specialists and counterparts at an appropriate time. During the past year the University of Illinois secured nominations for all ten of the top priority posts for UPAU in advance of the beginning of the new year. Previously some positions approved by GOI did not have nominations of technicians to fill them.

UNCLASSIFIED

386-11-110-281.7

## 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 purpose and design of the project is sound. However, some adjustment in the funding pattern could be tested at this University. The Soybean Project involving Uttar Pradesh Agricultural University and the Jawaharlal Nehru Krishi Vishwa Vidyalaya and the University of Illinois could very well qualify for grants involving both rupees and dollars. This would provide more flexibility and at the same time serve as a testing mechanism of maturity. The new water technology program being developed at UPAU is another area in which a strong effort will be made to apply an approach similar to that used in the Soybean Project.

Another area for applying the coordinated, interdisciplinary approach is Food Science. UPAU hopes to develop a strong program in this field starting with Soybean processing Seed Utilization. Preliminary plans for a Food Technology building, the necessary equipment, and faculty have already been worked out with the help of a short term U. S. Consultant (October-December 1969). Appointments of a Professor of Food Science and Technology and a Professor of Bio-Chemistry, were approved by the Board of Management at its December 6, 1969 meeting.

## 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.	X
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