

6170052 (5)

617-03-2
(see A1)

PD-AAA-833-A1

AID 1020-25 (10-70)

REPORT U-446

PAGE 1

PROJECT APPRAISAL REPORT (PAR)

9p.

1. PROJECT NO. 617-11-130-015	2. PAR FOR PERIOD: 4/30/69 TO 12/30/70	3. COUNTRY UGANDA	4. PAR SERIAL NO. 72-2
---	---	-----------------------------	----------------------------------

5. PROJECT TITLE

LIVESTOCK DEVELOPMENT

6. PROJECT DURATION: Began FY 63 Ends FY 70	7. DATE LATEST PROP August 2, 1968	8. DATE LATEST PIP June 1, 1969	9. DATE PRIOR PAR May 9, 1969
---	--	---	---

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 1,615,000	b. Current FY Estimated Budget: \$ NIL	c. Estimated Budget to completion After Current FY: \$ Completed
------------------	---	---	---

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
NIL	NIL

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

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
X		X	As the project is terminated the following actions which were funded/partially completed have been incorporated into the Livestock Production and Marketing Project 617-11-150-052.	All action items have been incorporated into the new follow on Project LIVESTOCK PRODUCTION AND MARKETING 617-11-150-052
X		X	1. Extension of one year to complete training for three participants sent to the U.S. under PIO/Ps 00049, 00050, and 00066.	
X		X	2. Continue implementation of Livestock Development Loan 617-H-006 and continue providing USAID Project Manager Supervision of Project.	
		X	Complete construction of Visual-Aids and training materials unit.	

D. REPLANNING REQUIRES	<input type="checkbox"/> NIL PROJECT	<input type="checkbox"/> CLOSED	E. DATE OF MISSION REVIEW
REVISED OR NEW:	<input type="checkbox"/> PROP	<input type="checkbox"/> PIP	<input type="checkbox"/> PRO AG
	<input type="checkbox"/> PIO/T	<input type="checkbox"/> PIO/C	<input type="checkbox"/> PIO/P

AID 1020-25 (10-70) PAGE 2 PAR	PROJECT NO. 617-11-130-015	PAR FROM: 07/30/69 TO: 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
-----------------------------------	-------------------------------	------------------------------------	-------------------	------------------------

II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)				
	UNSATISFACTORY		SATISFACTORY			OUT-STANDING		LOW	MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5
1. NIL During PAR period												
2.												
3.												

Comment on key factors determining rating

NIL

4. PARTICIPANT TRAINING						X							X
-------------------------	--	--	--	--	--	---	--	--	--	--	--	--	---

Comment on key factors determining rating

B. Excellent in following training programmed. Except for an occasional lack of qualified candidates for specialized Degree training in key areas the rating would have been higher.

C. The Ugandans trained carry out key roles at the implementation level of development activities and as "Grass-Roots feed-in" on policy.

5. COMMODITIES						X				X		
----------------	--	--	--	--	--	---	--	--	--	---	--	--

Comment on key factors determining rating

B. Utilization of previous commodity inputs was extremely good during the PAR period.

C. There was a minimum of new commodity inputs during the period of review.

6. COOPERATING COUNTRY	a. PERSONNEL					X						X
	b. OTHER					X						X

Comment on key factors determining rating

a. B and C. Personnel for supervision and implementation of development activities are the major factor in satisfactory progress and achievement. In spite of increasing demands the better than programmed input of newly qualified staff kept pace in numbers, but lack of field experience kept the rating from being even higher.

b. B and C. The dynamic and progressive policies required for sound and rapid development were promoted by the Ministry. However, performance in the area of service backstopping for transport was not up to other standards of performance

AID 1020-25(10-70) PAGE 3 PAR	PROJECT NO. 617-11-130-015	PAR FID: 4/30/69 T: 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
----------------------------------	-------------------------------	---------------------------------	-------------------	------------------------

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

Only at the end of the project did other donor inputs begin to play a significant role. The World Bank in Ranching Loans, Danish Government in Dairy Training and Milk Marketing, UK in tick and tsetse control, and UNDP in Ranching were major other donors.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CY-69 CUMULATIVE PRIOR FY	CY-70 CURRENT FY		FY ____	FY ____	
			TO DATE	TO END			
Number of square miles reclaimed from Tsetse Fly for Livestock Utilization	PLANNED	2100	2550				
	ACTUAL PERFORMANCE	2100	3100				
	REPLANNED						
Number of Milk Collecting Centers established (Daily capacity of an average of 500 Gals each)	PLANNED	30	40				
	ACTUAL PERFORMANCE	30	70				
	REPLANNED						
Number of Mobile Disease Control Units established	PLANNED	1	6				
	ACTUAL PERFORMANCE	1	6				
	REPLANNED						
Number of Tick Control Centers established in project and loan areas (Capacity of 2000 head each)	PLANNED	150	175				
	ACTUAL PERFORMANCE	160	263				
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT: On basis of successful operation of initial unit this policy was adopted to improve both services and utilization/ control of trained personnel on a country wide basis for preventive vaccination campaigns and to control sporadic out breaks.					
1.	Established policy of utilizing mobile Disease Control Units.						
2.	Established policy of communal type area wide tick control	COMMENT: Kagwe pilot scheme proved feasibility of area-communal Tick Control which is being pursued vigorously in other areas, with the goal of nation wide coverage.					
3.		COMMENT:					

AID 1020-25(10-70) PAGE 3 PAR	PROJECT NO. 617-11-130-015	PAR FOR PERIOD: 4/30/69 To 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
----------------------------------	-------------------------------	---	-------------------	------------------------

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

(CONTINUATION) 2

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMU- LATIVE PRIOR FY	CURRENT FY 70		FY ____	FY ____	
			TO DATE	TO END			
Acres of land occupied by stabilized and improved ranch- ing.	PLANNED	250,000	325,000				
	ACTUAL PERFORM- ANCE	300,000	330,000				
	REPLANNED						
New Dairy Farm Units established.	PLANNED	410	450				
	ACTUAL PERFORM- ANCE	400	500				
	REPLANNED						
Existing Dairy Farm Units improving facilities (Annually)	PLANNED	30	100				
	ACTUAL PERFORM- ANCE	75	125				
	REPLANNED						
Slaughter cattle produced on Ankole/Masaka ranches as a demonstration of production potential (Annually)	PLANNED	1000	3000				
	ACTUAL PERFORM- ANCE	1480	3858				
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT: Based on successful demonstration of Ruhengere Field Station and Ankole/Masaka Ranching Project, G.O.U. established a policy to encourage ranch development on similar pattern to replace traditional cattle keeping.					
1. A progressive policy on stabilized ranching has been established.							
2. A policy of improving cattle quality by crossbreeding and use of non-indigenous cattle has been established.		COMMENT: Based on successful results of Crossbreeding work at Ruhengere and Nakyesasa, G.O.U. policy is to improve quality through use of non-indigenous breeds and Crossbreeding on indigenous stock.					
3. A change of attitude on part of livestock owners and other rural people has been observable.		COMMENT: This is evidenced by increasing number of farmers and ranchers establishing commercial enterprises. Econom- ic and commercial approaches to the livestock industry is becoming widely accepted by traditional livestock keepers					

AID 1020-25 (10-70) PAGE 4 PAR	PROJECT NO. 617-11-130-015	PAR FOR PERIOD 4/30/69 To 12/31/70	COUNTRY	PAR SERIAL NO. 72-2
-----------------------------------	-------------------------------	--	---------	------------------------

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

The project is to assist in establishing the prerequisite G.O.U. policy and service infrastructure together with an operational base which will permit the rapid growth of an economically viable commercial livestock industry capable of attaining livestock production goals as set forth in the project.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
a) Sound progressive production policies established and in effective operation.	<p>a) The following G.O.U. basic policies are effectively operational, gaining rapid acceptance by livestock owners, and producing desired results:</p> <ol style="list-style-type: none"> 1) Comprehensive disease control measures including vaccinations against epidemic diseases and individual and community area tick control. 2) The promotion of stabilized improved ranching for beef production. 3) Development of specialized dairy production, and where feasible integration with crop production. 4) The improvement of cattle quality through introduction of improved breeds and crossbreeding on indigenous cattle. 5) Through technical services and other means improving feeding, especially pastures, livestock management, and commercially oriented marketing.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To assist Ugandan efforts to become self sufficient in livestock products, diversify and strengthen the economy of the rural sector and raise the standard of human nutrition.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Achievement of project purpose will make a significant contribution to programming goal.

Prior to project initiation the cattle industry was based virtually on traditional cattle keeping only. It was mainly a socially oriented rural activity with dairying based on subsistence requirements. A large percent of livestock products for urban commercial trade was imported. Imports of livestock products have been reduced by nearly 60% while annual per capita consumption has increased. Farmers are diversifying by including dairying as one of their enterprises and others are entering commercial livestock enterprises as investment and commercial activity. The rate at which the livestock industry is entering into commercial activity and the numbers of traditional cattlemen and subsistence farmers entering into the cash economy is having a significant

AID 1020-25(10-70) PAGE 3 PAR	PROJECT NO. 617-11-130-015	PAR FOR PERIOD: 4/30/69 To 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
----------------------------------	-------------------------------	---	-------------------	------------------------

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

(CONTINUATION) 3

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMULATIVE PRIOR FY 69	CURRENT FY 70		FY ____	FY ____	
			TO DATE	TO END			
Number of degree level Ugandans trained and working on MAIGF staff in support of the Livestock Industry	PLANNED	50	60				
	ACTUAL PERFORMANCE	55	71				
	REPLANNED						
Number of Diploma level Ugandans trained and working on MAIGF staff in operational positions on Ministry projects and in technical support for farmers.	PLANNED	100	115				
	ACTUAL PERFORMANCE	107	140				
	REPLANNED						
Persons attending short courses at Farmers Training Centers to improve their livestock management capabilities (Annually)	PLANNED	240	1000				
	ACTUAL PERFORMANCE	280	700				
	REPLANNED						
Man days of MAIGF staff in-service training to upgrade their service capability. (Annually)	PLANNED	100	1000				
	ACTUAL PERFORMANCE	165	500				
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT:					
1. An increase in Farmer Training and Technical Assistance in Management.		Except for disease control virtually no such activity existed. This requirement is recognized and receiving considerable emphasis. Farmer training through short courses is established. Technical assistance through MAIGF field service is increasing. More effective use is being made of personnel trained in livestock production as well as veterinarians.					
2.							
3.		COMMENT:					

AID 1020-25 (10-7U)	PROJECT NO. 617-11-130-015	PAR FOR PERIOD 1/30/69 To 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
PAGE 4 PAR				

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

(CONTINUATION) 2

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
b) a MAIGF infrastructure established which is capable of growing with and servicing the livestock industry.	b) A basic field service with qualified staff has been established to provide technical assistance in disease control, planning, breeding, feeding, and management aspects. A training program is in effect to up-grade present personnel and to provide additional personnel for expansion of this field service.
c) A change in attitude on the part of cattlemen and farmers from the traditional to one of economically commercial production.	c) There is an observable change in attitude of traditional cattlemen and farmers toward accepting the principle of commercial production as evidenced by the increase in stabilized ranching, specialized dairy units, use of improved breeds and crossbreeding of cattle, and recommended management practices. In addition there has been a significant increase in the livestock producers demand for MAIGF services in technical assistance and training.
d) A program established and in effective operation for the continual upgrading of livestock producers management capabilities.	d) Greatly expanded management training is taking place at District Farm Institutes, and newly established Farmer Training Centers and Demonstration Farms.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

AID 1020-25 (10-70) PAGE 4 PAR	PROJECT NO. 617-11-130-015	PAR FOR REFERENCE To 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
-----------------------------------	-------------------------------	----------------------------------	-------------------	------------------------

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged. 2. Same as in PROP? YES NO

(CONTINUATION) 3

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
<p>e) A base for growth of production units which are capable, when fully operational, of economic production annually of 95 million gallons of milk, 290 million pounds of beef, and Hides and Skins export valued at \$4, million.</p>	<p>e) The following production base has been successfully established to date from which expansion can take place:</p> <ol style="list-style-type: none"> 1) Over 100 stabilized ranches, 490 new dairy units, and 600 improved dairy units. 2) By tsetse reclamation an additional 2000 square miles of grazing land is available. 3) Seven MAIOF cattle Breeding multiplication units are in operation, as well as a competent artificial insemination service for cattle improvement. 4) 70 rural milk collecting centers for adequately handling milk destined for urban processing plants. This base together with the four previously mentioned conditions has already resulted in production during 1970 of 82,500,000 gallons of milk, 267,000,000 pounds of beef, and an export of hides and skins valued at \$3,600,000. <p style="text-align: right;">Contd.....4</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

AID 1C20-25 (10-70) PAGE 1 PAR	PROJECT NO. 617-11-130-015	PAR FOR PERIOD From 6/30/69 To 12/31/70	COUNTRY UGANDA	PAR SERIAL NO. 72-2
-----------------------------------	-------------------------------	---	-------------------	------------------------

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

(CONTINUATION) 4

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
	<p>A follow on Livestock Production and Marketing Project 617-11-150-052 was initiated in FY-71 for the purpose of fully developing the production potential of this base and its further expansion.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.