AID 1020-2 (11-70)

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PROJECT APPRAISAL REPORT (PAR)

PD-AAB-253-EL-P.

1. PROJECT NO.	2. PAR FOR PERIOD	3. COUNTRY	4. PAR SERIAL NO.
621-11-130-092	May 1973 TO June 1974	United Republic of Tanzania	74-2

5. PROJECT TITLE

Seed Multiplication

6. PROJECT DURATION: Begin FY 70 Ends FY 80	7. DATE LATEST PROP. 4/9/73, Rev.2 1/	8. DATE LATEST PIP 9/27/72	9. DATE PRIOR PAR 4/30/73
10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: $ 785,000	b. Current FY Estimated Budget: $ 382,000	c. Estimated Budget to completion After Current FY: $ 2,353,000

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

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Experience, Incorporated	Contract AID/afr-752

12. NEW ACTIONS PROPOSED AND INDICATED AS A RESULT OF THIS EVALUATION

a. ACTION NO. USAID	AID/W	HQST	b. DESCRIPTION OF ACTIONS	c. PROPOSED ACTION COMPLETION DATE
X	X		1. Follow up with Experience Incorporated to see that technicians currently being recruited can effectively carry out the objectives of the project.	Continuing
X	X		2. Follow up with MI to assure that future reports include all the data required and that workplans are submitted on time and are sufficiently exact to provide a yardstick for measuring progress.	Continuing
X		X	3. Assign the two participants currently outside the project to positions within the project.	ASAP
X		X	4. See that the loan equipment is transported to the project sites as soon after it arrives in Tanzania as possible.	Continuing
X		X	5. Determine where the Njombe Farm will be established and when. 2/	December 31, 1974
X		X	6. Prepare specifications for the equipment to be purchased under Loan 621-H-017.	September 30, 1974
X		X	7. Prepare tables of equipment required for Msimba, Arusha and Njombe farms. Make decisions concerning AID support. 2/	July 31, 1974
		X	8. Complete Seed regulations and obtain MinAg Minister's approval.	December 31, 1974
		X	9. Develop and carry out on-the-job training of seed inspectors.	March-April, 1975
		X	10. TanGov begin implementing Seeds Act and regulations.	July 1975
X	X		11. Make arrangements for and schedule TDY evaluation team.	January 1975
		X	12. Installation of Central Seed Laboratory.	June 1975

See footnotes on Continuation Sheet immediately following page 4.

13. ACTION REQUIRED: REVISE OR NEW XX** PROP. XX PIP ☐ PRO AG. ☐ PROG. ☐ PROG. ☐ PROG. 14. DATE OF MISSION REVIEW 6/28/74

15. ACTION OFFICER TYPED NAME, SIGNED INITIALS AND DATE	MISSION DIRECTOR TYPED NAME, SIGNED INITIALS AND DATE
Henry C. Wiggin Henry C. Wiggin July 3, 1974	Vernon C. Johnson Vernon C. Johnson

**Required to delete production agronomist positions and related support.

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B. PERFORMANCE OF KEY INPUT AND ACTION AGENTS

A. INPUT OR ACTION AGENT (CONTRACTOR, PARTICIPATING AGENCY OR COUNTERPART AGENCY)	B. PERFORMANCE AGAINST PLAN: UNSATISFACTORY 1	2	SATISFACTORY 3	4	5	OUTSTANDING 6	7	C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X): LOW 1	2	MEDIUM 3	4	HIGH 5
1. Experience, Incorporated - Home Office			X									X
2. Experience, Incorporated-Field Team			X									X
3.												

Comment on key factors determining rating: A1. Contractor's selection of technicians has not been good. Of the ten specialists so far selected by EI, two have not returned for a second tour by request of the TanGov, and three did not complete their first tour. The primary difficulty appears to be adjusting to living and working conditions in Tanzania and the problem of developing effective relationships with TanGov officials and within the team itself. This has adversely affected the establishment of a team approach and, in certain cases, of a viable cooperative relationship among the various TanGov and American specialists working on the project. Unfortunately, these attitudinal, personality and/or relationship problems are not readily apparent on biodata forms, or, it seems, from personal interviews. However, the contractor...(see continuation sheet)

4. PARTICIPANT TRAINING					X							X

Comment on key factors determining rating: Participant training on schedule. Seven have returned, four are in training in US (and doing well), and four selected to begin training later this year. A total of 18 participants are approved in the PROP. Two of the returnees have been assigned by MinAg outside the project pending initiation of third seed farm in FY 75/76 (one) and departure of the US Production Agronomist in early FY 75 (the second to be assigned to this position). Remaining returnees are doing well.

5. COMMODITIES a. Grant					X						X	
b. Loan		X										X

Comment on key factors determining rating: a. Grant commodities, consisting mainly of vehicles and a few pieces of farm equipment purchased locally, have arrived on a timely basis and have not delayed project implementation. b. Excessive delays in arrival of loan equipment (loan 015) have had an adverse effect on meeting project objectives. These delays have been caused primarily by inability of some suppliers to deliver purchased items quickly, and lengthy shipping delays. Much of this equipment has now arrived and will be placed in operation.

6. COOPERATING COUNTRY a. PERSONNEL					X							X
b. OTHER 1. Budget					X							X
2. Transport		X										X

Comment on key factors determining rating: a. TanGov continues to meet commitments on personnel in the Seed Project, showing evidence of advanced planning, familiarity with all phases of the project, and a keen interest in improving their staff. TanGov has suggested changes in staffing that indicate increasing ability and confidence in local personnel. One US technician (Procurement/Inventory) is under the EI contract, but is working with a number of MinAg projects. In only this one case has TanGov support not been satisfactory. The Mission is working with the MinAg, however, to resolve the problem.

b. 1. TanGov project budget support has been very good. TanGov officials connected with the project have pushed vigorously for budget increases and are usually successful. This is particularly important in view of Tanzania's rather bleak economic situation. (see continuation sheet)

7. OTHER DONORS NA												

(See Next Page for Comments on Other Donors)

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1. Contractor, Grantee or key factor (including PVO and Other Donors)

N/A

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		CUMULATIVE PRIOR FY	CURRENT FY TO DATE	CURRENT FY 74 TO END	FY 75	FY 76	END OF PROJECT
A. Four Foundation Seed Farms started operation.	PLANNED	2	3	3	3	4	4
	ACTUAL	2	2				
	REVISED			2	3	3	4
B. Acreage under cultivation for foundation seed. 3/	PLANNED	1500	1800	1800	3200	5700	8500
	ACTUAL	900	1500				
	REVISED			1500	3200	5700	8500
C. Metric tons foundation seed (maize, wheat, soybean, sorhum, millet combined) produced. 4/	PLANNED	670	800	800	1360	2550	3800
	ACTUAL	357	5/				
	REVISED			5/	1000	2250	3800
D. Tanzanians trained under the project in the U.S.	PLANNED	4	7	7	11	15	18
	ACTUAL	2	7				
	REVISED			7	11	15	18

B. SUBSTANTIVE INDICATORS FOR MAJOR OUTPUTS	COMMENTS
1. Seed Company operating effectively.	Target: Company formed, agencies in appropriate areas, and certified seed being grown and distributed. Status: Company formed, contract growers in Njombe and Arusha areas, seed being distributed in Njombe.
2. Seeds Act being enforced. 3. Seed meets grade standards.	Target: Field inspectors checking fields and seed lots; certification officers approving certification, insuring standards are met. Central Seed Laboratory established. Status: Seeds Act passed and signed. Regulations under the Act in process of being finalized. TanGov is currently looking for a location for the lab.
4. Processing plants established at seed farms with consequent improvement in quality and some increase in quantity, due to timely processing.	Target: Each farm with plant for processing foundation seed. Status: Loan equipment in process of arriving. First two plants expected to be ready for 1975 harvest (June 1975).

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? ☒ YES ☐ NO

To assist Tanzania to become self-sufficient in the multiplication of improved high quality food crops seed to satisfy national demand.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
a. The TanGov has developed its technical and managerial skills and budgetary support to operate foundation seed farms.	a. TanGov has provided very good participant candidates as well as highly satisfactory farm personnel to work with the US technicians (see page 2 of this PAR). Excellent budget support (T.Shs. 5,800,000 for next operating year). This will be sufficient to operate and further develop the two farms presently in operation, and also to begin developing the Njombe farm (the third of the four covered in the Seed Multiplication Project PROP).
b. Certified growers are able to provide adequate improved seed for the needs of Tanzania's farmers and are operating within the terms of an acceptable TanGov SeedCertification Act.	b. The Seeds Act was signed into law in December 1973. Preparation of regulations to be applied under the Act is going forward, with a series of meetings being held to prepare the regulations. The writing of these regulations is expected to be completed by November, 1974. Tanzania Seed Company is established and is multiplying foundation seed through contract growers in the Njombe and Arusha areas. It is distributing seed to farmers through the company's agents.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Assist Tanzania to achieve its objective of self-sufficiency in the food crops agricultural subsector.

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

Yes.

1. Imports of food crop products should be reduced, because of increased yields from improved varieties and pure seed of known germination.

2. Domestically produced food crop products should be available in sufficient supply to permit marketing and distribution to meet national demand.

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Continuation Sheet, Footnotes.

1/ Revision 2 was the substantive revision. Revision 3, dtd 8/30/73, provided only for the position of Parts Procurement Specialist for four man-years, without changing the conditions in Revision 2.

2/ The Ministry of Agriculture proposed to start the Njombe farm (third of four farms proposed in the PROP), during the second half of FY 1974. However, budgetary restrictions did not permit this. The new budget for the 1974/1975 year has been approved at Shs. 5,800,000 ($813,000, approximately), although it is not yet published. This provided funds for construction of facilities and operation of the existing two farms plus approximately Shs. 1.1 million for initiation of the third farm. The MinAg intends to go forward with the third farm, whether or not AID is prepared to assist. The Mission estimates that the site will be located and steps taken to acquire it by December, 1974. If it is not too late in the season, and depending on the previous cultivation of the site, perhaps 100-200 acres of maize and wheat might be planted. Allowing for construction of housing and farm buildings, if not available at the site, it is estimated that an American farm manager would not be made available until the last quarter of FY 1976. Provision of farming equipment would have to be made before this, however, and could be assisted by loans of equipment from the Msimba farm. The Msimba farm would not require all of its farm machinery until approximately FY 1977, when the farm will be completely cleared.

3/ Acreage did not increase as planned because of late arrival of heavy machinery for land clearing. Should be back on schedule in FY 1975.

4/ This covers foundation seed produced, not total production. In cumulative prior FY, about 700 metric tons were produced, but over half had to be sold as milling or feeding quality, because of poor husbandry, untimely harvests, and inadequate cleaning and processing, due to lack of equipment. Drought in 1973 also produced grain of low seed quality.

5/ Harvest has not been completed yet. Indications are that yields will be low due to poor rainfall distribution. Replanning indicates low yields because of drought in FY 1974. Lower replanned yields in FY 1975 are a reflection of insufficient seed stocks and poorer seed beds on newly cleared land in early FY 1975.

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Continuation Sheet page 2:

11.A.1. (contd.) is quite concerned about the problem and is attempting more searching in-depth interviews. The contractor is also more effectively keeping abreast of Tanzanian living/working conditions sotthat prospective employees can be more fully briefed before accepting a position with EI.

Although this is considered to be an "OPEX" project, it is in fact an institutional type activity, which has definite objectives, requires a team approach, and demands a certain amount of backstopping from the contractor. During the last year, the contractor's efforts in this regard have improved greatly, to include, if required, monitoring loan equipment procurement, participants studying in the U.S., as well as the usual requirements of supporting the field team's efforts.

Contractor reporting, while adequate, needs some improving, and EI is aware of this. The annual report for 1973 was much improved over previous ones.

11.A.2. The field team technicians' effort has generally been less than adequate, for reasons stated above. However, three of the specialists have performed well, and their work keeps the rating from falling into the "unsatisfactory" block. There is a need for better project administration within the team, but this is improving.

11.A.6.b.2.

Transport. TanGov success in transporting the loan-procured machinery and equipment from Dar es Salaam to up-country locations has been very poor, due primarily to the lack of TanGov trucks and to prolonged negotiations within the government to permit renting vehicles. There are sufficient funds available to hire the required transport, however. A continuing effort on USAID's part is required to see that the necessary transport is provided.