

ORIGINAL

UNCLASSIFIED CLASSIFICATION 93106140015019310614-2

PROJECT EVALUATION SUMMARY (PES) - PART I

Report Symbol U-

1. PROJECT TITLE Pest Management - Root-knot Nematode 111 E/973 #19		2. PROJECT NUMBER 931-0614 PD-AAC-929-E	3. MISSION/AID/W OFFICE DS/AGR/FCP
5. KEY PROJECT IMPLEMENTATION DATES		4. EVALUATION NUMBER (Enter the number maintained by the reporting unit e.g., Country or AID/W Administrative Code, Fiscal Year, Serial No. beginning with No. 1 each FY)	

5. KEY PROJECT IMPLEMENTATION DATES		6. ESTIMATED PROJECT FUNDING	7. PERIOD COVERED BY EVALUATION
A. First PRO-AG or Equivalent FY <u>75</u>	B. Final Obligation Expected FY <u>82</u>	A. Total \$ <u>1,123,822</u>	From (month/yr.) <u>6/30/77</u>
		B. U.S. \$ <u>1,123,822</u>	To (month/yr.) <u>1/4/79</u>
			Date of Evaluation Review <u>1/4/79</u>

8. ACTION DECISIONS APPROVED BY MISSION OR AID/W OFFICE DIRECTOR

A. List decisions and/or unresolved issues; cite those items needing further study. (NOTE: Mission decisions which anticipate AID/W or regional office action should specify type of document, e.g., airgram, SPAR, PIO, which will present detailed request.)	B. NAME OF OFFICER RESPONSIBLE FOR ACTION	C. DATE ACTION TO BE COMPLETED
1. This project was evaluated on Jan. 4, 1979 and there are no problems or issues which will delay the accomplishment of the purpose for which this project was approved. The project is on schedule and I recommend its continuation without any changes in design.	--	
2. An external review of project activities is scheduled for early in CY 80 at which time guidance will be sought on possible future activities, the role these activities should assume in the planned Title XII Integrated Crop Protection Research Project, and whether the current activities should be transferred to ISTC, as now planned (see Item 23 below).	Whittenore DS/AGR/FCP	Jan. 31, 1980

9. INVENTORY OF DOCUMENTS TO BE REVISED PER ABOVE DECISIONS

<input type="checkbox"/> Project Paper	<input type="checkbox"/> Implementation Plan e.g., CPI Network	<input type="checkbox"/> N/A
<input type="checkbox"/> Financial Plan	<input type="checkbox"/> PIO/T	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Logical Framework	<input type="checkbox"/> PIO/C	<input type="checkbox"/> Other (Specify) _____
<input type="checkbox"/> Project Agreement	<input type="checkbox"/> PIO/P	

10. ALTERNATIVE DECISIONS ON FUTURE OF PROJECT

A. Continue Project Without Change

B. Change Project Design and/or Change Implementation Plan

C. Discontinue Project

11. PROJECT OFFICER AND HOST COUNTRY OR OTHER RANKING PARTICIPANTS AS APPROPRIATE (Names and Titles)

DS/AGR/FCP: FWhittenore *FWhittenore*

DS/AGR/FCP: KByergo *KByergo*

DS/AGR: MZozynski *MZozynski*

12. Mission/AID/W Office Director Approval

Signature *John R. Wilson*

Type Name John R. Wilson, DS/AGR

Date _____

13. Summary. This project is moving ahead on schedule with full cooperation of country and regional collaborators. Project outputs in terms of publications have exceeded those originally envisaged and significant progress is being made in characterizing the nematode problem in terms of geographical distribution of species and races and identification of resistant cultivars. Country collaborators are utilizing information developed by the project in designing crop rotation schemes which will minimize nematode damage.
14. Evaluation methodology. The evaluation was made by the A.I.D. Project Manager to measure project progress and consisted of an oral presentation by the Project Director and other project members of their activities, including a review of the nature and scope of project publications which had been or would shortly be distributed to country and regional collaborators.
15. External factors. Not pertinent at this time.
16. Inputs. There are no problems with inputs.
17. Outputs. In terms of the implementation plan all outputs will have been provided with the exception of utilization of resistant cultivars in the LDCs and the implementation of effective rotation schemes. The original implementation plan called for these to have been completed by the end-of-project (EOP). In fact, such schemes can only be put in place when a significant body of research data is available and this is only now being accumulated. Hence, the original assumption that such programs could be initiated early in the life of the project was erroneous. It is planned to have this problem examined by an external review team early in CY 1980, at which time guidance will be sought on the advisability of continuing project activities beyond the currently approved date of June, 1980.
18. Purpose. The purpose of the project is to determine the extent of the root-knot nematode problem on a global basis, the economic effects on crop production and to develop economic methods of control. As indicated under "Output", above, excellent progress is being made towards achieving EOPs conditions, with the exception of the implementation of effective rotation schemes in the LDCs. Assuming that achievement of this condition by the EOP was quite unrealistic, because much data still remains to be developed and appropriate crop rotation schemes can only be designed when adequate information on the effects of nematodes on all crops in specific local cropping systems is available. Furthermore, such crop rotation schemes, even after they are developed, may have to be modified on a continuing basis to take into account changing consumer demand for, and economic profitability of various crops on a year-to-year basis.

19. Goal/Subgoal. Specific goals and subgoals have been met in that all specified activities in Project Phases I through III have been accomplished and the research activities specified in Phase IV are well in hand.

20. Beneficiaries. The ultimate beneficiaries of this project will be small farmers in that the utilization of crop rotation schemes which will minimize root-knot nematode damage will increase agricultural productivity.

21. Unplanned effects. None

22. Lessons learned. Perhaps the most significant lesson learned in the implementation of this project was that selection of regional coordinators, as contrasted to the selection of country collaborators, should be delayed until such time as the most highly qualified and motivated individual scientist, can be identified in each region. These scientists must also be recognized by other scientists in their region as being pre-eminently qualified to assume the role of regional coordinator.

23. Special Comments. Excellent progress is being made in this project and while additional research on the impact of root-knot nematode damage is still required for a number of specific crops, enough information is now available on certain crops to allow for the design of specific crop rotation schemes as has already been done for the Caribbean Region. It is visualized that this specific area of research activity will ultimately be combined in the Title XII Integrated Crop Protection Research Project while the outreach activities will ultimately be combined in the GTS Project on Pest Management. Although this project is tentatively scheduled for transfer to ISTC, this decision should be re-examined since the applied research activities of this project are a logical component of the Title XII Project. However, since the Title XII Research Project will not be in place prior to FY 81, some budgeting operation may be necessary for this project, to carry it from the currently authorized date of June 30, 1980 until such time as the activities can be incorporated in the Title XII Project.