

PD-AAI-482-01

PROJECT APPRAISAL REPORT (PAR)

9310/4400/002 REPORT U-446

2

PAGE 1

1. PROJECT NO. 931-11-130-144	2. PAR FOR PERIOD: TO	3. COUNTRY	4. PAR SERIAL NO.
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5. PROJECT TITLE  
Livestock Production in the Tropics with Emphasis on Nutrition and Forage Production and Use

6. PROJECT DURATION: Began FY 7/72 Ends FY 6/77	7. DATE LATEST PROP	8. DATE LATEST PIP	9. DATE PRIOR PAR
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10. U.S. FUNDING	a. Cumulative Obligation thru Prior FY: \$ 500,000	b. Current FY Estimated Budget: \$	c. Estimated Budget to completion After Current FY: \$ 500,000
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1. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)	
a. NAME University of Florida	b. CONTRACT, PASA OR VOL. AG. NO. 211(d) Grant
University of Florida is a member of a consortium of Universities (Texas A&M, Tuskegee Institute, Purdue University) who are developing greater capability in animal agriculture under a 211(d) grant.	

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

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
UNIV	AID/W	HOST		
			<p>1. <u>General</u></p> <p>Objective of this Grant is to increase the capacity and competence of the University of Florida to assist AID, other donor agencies and LDCs in the analysis of ruminant animal production through a systems approach to identify animal nutrition requirements and production of tropical forages to meet these requirements.</p>	
	X		<p>This Grant is one of four (Tuskegee Institute, Texas A&amp;M, Purdue University) that was reviewed in April 1976. This review was conducted in accordance with AID Handbook "Att, APPZC, HB13" dated October 1974.</p> <p>This Grant is equally divided between the Department of Animal Science and Agronomy. The steps taken to achieve the objectives of this Grant were:</p>	May 1976
	X		<p>a. identify major nutritional deficiencies and requirements of ruminants animals in tropical and semi-tropical (wet/dry) environments.</p>	June 1977
	X		<p>b. identify species of grass and legumes that may be adaptable for establishment of improve pastures in wet/dry tropical environments.</p>	June 1977
	X		<p>c. conduct research and training activities relating to nutritional requirements of ruminant animals under varying management systems and adaptability of various native or introduced species of grasses and legumes to establish improved pastures in wet/dry tropical environments.</p>	June 1977

D. REPLANNING REQUIRES	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	

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE  
Ned S. Raun *Ned S. Raun* 10 Jan 76

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE  
Leon F. Hesser

PROJECT APPRAISAL REPORT (CONTINUATION REPORT)  
PROJECT TITLE - Livestock Production in the Tropics with Emphasis on  
Nutrition and Forage Production and Use - csd 3684

- ✓ d. develop/design information relating to nutrition (mineral, protein, etc.) requirements under varying managements systems that may serve as inputs to production models and information relating to establishment and management of improved pastures in wet/dry tropics.
- e. involve members of faculty in grant supported activities.
- f. develop information and data bank relating to animal nutrition, tropical forage grasses and legumes.

NARRATIVE

The University of Florida's Grant is one of four that "would explore the livestock industry from a total systems viewpoint, on the assumption that fragmented attacks on a complex problem (nutrition, breeding, disease control or credit have been inadequate".<sup>1</sup>

The observations of the Review Team were:

1. That the University of Florida has a long record of participating in LDCs tropical agricultural programs. The primary geographical focus has been in South and Central America.
2. That the University has competence and capacity in forage/animal nutrition analysis but has not made a great effort to bringing this capability to interface with other disciplines involved in the systems approach.
3. That the integration of graduate students from LDCs into research and training activities is complementary to enhancing staff capability in understanding limitation of LDC institutions.

GRANT POTENTIALITIES FOR LDCs

The Review Team found that the University of Florida is involved in many activities relating to research, workshops, seminars and training courses in Latin America that provide staff real opportunities to acquire greater knowledge and competence in animal production problems.

The mineral research contract carried out by the University under contractual arrangement with AID is closely linked to this Grant. Much

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<sup>1</sup>Extracted from original grant document signed by Administrator John Hananah.

PROJECT APPRAISAL REPORT (CONTINUATION REPORT)  
PROJECT TITLE - Livestock Production in the Tropics with Emphasis on  
Nutrition and Forage Production and Use - csd 3684

of this research is being conducted in collaboration with LDC research institutions. This linkage should enhance the potential for utilizing Florida's capability in identifying nutritional, mineral deficiencies, problems and development of improved pastures to overcome nutritional problems.

GENERAL MANAGEMENT/OTHER PROBLEMS

The Review Team observed that there were delays in communication between the University/AID/Consortium and lack of centralized authority or leadership within the Consortium.

The Review Team also noted that regional bureaus were excluded from planning consortium activities except on occasional, historical or individual basis.

RECOMMENDATIONS.

AID/W

Summary of the recommendations made by the Review Team to TAB are:

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|---|--|-------|
| X | a. Mount a continuing effort to inform regional bureaus, AID Mission, donor agencies of universities capability to design, plan implement animal agriculture programs. | 6/77  |
| X | b. Determine mechanisms and formulas for universities to maintain staff (response capability to requests for services) on stand-by basis.                              | 6/77  |
| X | c. Establish contractual guidelines that assure consideration of consortium in the participation of contracts.   | 12/76 |
| X | d. Take steps to utilize consortium's capacity during pre-project phase to review, plan and design animal agriculture programs.  | 12/76 |
| X | e. Direct final year of Grants toward proximate needs in LDCs.   | 17/76 |
| X | f. Only consider extension of Grants to permit judicious use of original grant funds.  | 12/76 |