

ISN- 32065
526005003/10

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PROJECT APPRAISAL REPORT (PAR)

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1. PROJECT NO. 526-15-110-050.3	2. PAR FOR PERIOD: 12/16/71 TO 11/30/72	3. COUNTRY PARAGUAY	4. PAR SERIAL NO. 73-3
5. PROJECT TITLE PD 7110-442			

LIVESTOCK DEVELOPMENT

6. PROJECT DURATION: Began FY 1967 Ends FY 1975	7. DATE LATEST PROP 9/22/69	8. DATE LATEST PIP 4/15/70	9. DATE PRIOR PAR 3/16/72
10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 868,000	b. Current FY Estimated Budget: \$ 435,000	c. Estimated Budget to completion After Current FY: \$ 643,000

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

d. NAME	e. CONTRACT, PASA OR VOL. AG. NO.
New Mexico State University	AID-71-520

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	Include in future project agreement a clause whereby PROMIEA will be made responsible for collecting information relative to project accomplishments.	Feb. 28, 1973
X			USAID/RDO and NMSU consult with the USAID/PASA TAX Advisor and the Ministry of Agriculture on the possibility of obtaining a special tax to support PROMIEA after 1973	March 31, 1973
X			NMSU should request PROMIEA to urge the Livestock Advisory Council to adopt some by-laws in order to define its duties and responsibilities.	Feb. 28, 1973
X			Consider what actions the Mission should take to effect a policy formulation mechanism within the GOP for the livestock sector.	March 31, 1973
X		X	The USAID/RDO explore with the Ministry of Agriculture the possibility of breaking down the Extension Service budget requests to identify the resources to be made available for the livestock extension program.	April 30, 1973
X			USAID/RDO should consult with the USAID/PASA Agricultural Statistics Advisor and MDA on the possibility of including in the annual statistical surveys information on improved practices adopted by ranchers.	Jan. 31, 1973
X			USAID/RDO and NMSU should review the livestock publications program to determine if adequate funding will be available for CY 1973 and whether the time lag between writing and publication has been reduced.	April 30, 1973
X			USAID/RDO and NMSU to review the performance of the Livestock Advisory Council.	June 30, 1973
X		X	NMSU and the Ministry to develop a training plan for Extension Service agents in livestock subject matter.	May 31, 1973

D. REPLANNING REQUIRES							E. DATE OF MISSION REVIEW
REVISED OR NEW	<input type="checkbox"/> PROP	<input checked="" type="checkbox"/> PIP	<input type="checkbox"/> PRO AG	<input type="checkbox"/> PRO/T	<input type="checkbox"/> PRO/C	<input type="checkbox"/> PRO/P	December 6, 1972
PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE				MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE			
Rural Development Officer Sanford M. White				Mission Director Donald E. ...			

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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			OUTSTANDING		LOW		MEDIUM		HIGH	
	1	2	3	4	5	6	7	1	2	3	4	5	
1. New Mexico State University				X									X
2.													
3.													

Comment on key factors determining rating The NMSU contract team satisfactorily assisted the MOA (PRONIEGA) in the planning and implementation of the Livestock Research and Extension Program. The lower performance of the contractor for this year in comparison with the last year's performance can be attributed to difficulties that developed in the planning, administration and implementation of the project extension activities. A personality conflict between project manager and one contract advisor all but stopped development of the extension work. However, mid year personnel changes by the Paraguayans and contractor corrected this problem and enabled the contractor to improve his overall performance.

4. PARTICIPANT TRAINING					X									
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Comment on key factors determining rating The training program has been carried out satisfactorily. All returned participants are being employed in the area for which they were trained. The training program is designed to assure that sufficient capable personnel exist within each specialty to provide depth to the research extension program.

5. COMMODITIES				X								X	
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Comment on key factors determining rating Commodities purchased under contract consisted of minor laboratory equipment, tools and miscellaneous items for FAV and PRONIEGA. Funds under PIC/Cs were used to provide agricultural equipment and vehicles to PRONIEGA. The provision of commodities is considered adequate but difficulties were experienced in control and maintenance. The new PRONIEGA Director has initiated a new vehicle use and maintenance system that has shown improvement in this area.

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

Comment on key factors determining rating Although in general the performance is rated satisfactory the less than adequate performance of the former PRONIEGA Director had been the cause of delays experienced in the research trials and in the proper development of an efficient extension service program. Presently, the main problems related to the performance of the cooperating country are the dependence for funding on PL 480 proceeds and ineffective administrative procedures in the MOA which prevent the timely release of funds for defraying project operating costs.

Most project assisted activities at the Faculty of Agronomy and Veterinary Sciences are essentially completed. The major exception is the implementation of a new curriculum, which is currently being considered for approval by the National University Council. Should the curriculum not be approved and implemented for the CY 1973 school year, a reappraisal of USAID assistance to the FAV will be required.

7. OTHER DONORS				X									
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(See Next Page for Comments on Other Donors)

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

The reactivation of the Advisory Council has stimulated increased coordination of efforts and resources in respective livestock development programs. A prime example is the financing by the Fondo Ganadero (IEVD) livestock breeding research.

The funding provided by the BID/PIDAP to PROMIEGA is sufficient at this time to provide machinery, equipment and supplies. Sufficient livestock credit will be available from these international banks for the foreseeable future.

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 73		FY 74	FY 75	
			TO DATE	TO END			
Research studies which meet NMSU standards (completed; cumulative)	PLANNED	5	5	7	10	12	12
	ACTUAL PERFORM- ANCE	0	1				
	REPLANNED			2	6	18	20
Ranches engaged in con- tinuing program of coopera- tion with SEA and PROMIEGA (cumulative)	PLANNED	10	13	15	20	30	30
	ACTUAL PERFORM- ANCE	12	25				
	REPLANNED			36	50	60	65 1/2
MOA Extension Agents (SEA and PROMIEGA) trained to become competent to assist ranchers (cumulative)	PLANNED	--	--	--	--	--	--
	ACTUAL PERFORM- ANCE	--	--				
	REPLANNED			5	18	26	34
Field days/Short courses where the knowledge of im- proved production techniques is disseminated (cumulative)	PLANNED	--	--	--	--	--	--
	ACTUAL PERFORM- ANCE	8/2	8/2				
	REPLANNED				26/10	38/16	38/16
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1. NMSU quality standards	The new research program was developed by PROMIEGA in cooperation with NMSU contract team and was reviewed and approved by NMSU campus experts.						
2. Production technology adopted by local ranchers	COMMENT: Information based on research studies and the knowledge of modern beef production techniques by the NMSU staff are providing the local ranchers with valuable technical assistance. To date 25 ranchers have adopted practices as a direct result of PROMIEGA extension work.						
3.	COMMENT:						

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IV. PROJECT PURPOSE

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

The purpose is to create a viable institution that will provide adequate research, demonstration and extension services to the livestock industry.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
<p>1. Increased beef animal production through:</p> <p>a. Calving rate of 60-65%</p> <p>b. Age at marketing of 3 yrs. with weight at marketing over 400 kilos.</p>	<p>1. At present, no systematic information is available on increases achieved on calving rates and marketing age. Data should be available in the future through PRONIEGA records and the annual agricultural Sample Survey. NMSU technicians estimate that current age at marketing is averaging 4 years.</p>
<p>2. PRONIEGA budget totally funded from local financial sources.</p>	<p>2. The tendency has been to rely on the availability of PL 480 funds and reduce the GOP National Budget input. Other local financial sources will be sought to ensure survival of PRONIEGA.</p>
<p>3. Ranchers visiting innovator ranches. Some improved practices adopted by 50% of visitors.</p>	<p>3. Several ranches have already adopted new production practices as the result of project activities. The progress achieved will be more accurately verified through the PRONIEGA and SEAG improved records.</p>
<p>4. 50% of FAV graduates in veterinary sciences working in livestock industry jobs.</p>	<p>4. The exact number of students engaged in ranching industry jobs is not known at present. A study made by NMSU shows that 15% of graduates were employed in private ranches during 1970 on a full time basis and an unknown number working in other areas of livestock. Accurate data needs to be developed to monitor this output.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To increase the total annual beef tonnage production from the 101 thousand m.t. of 1968 to more than 120 thousand m.t. by 1976.

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.

The research studies being performed and the dissemination of the knowledge of modern technology is aimed at achieving better production conditions which will have the final effect of increasing the total beef production in Paraguay.

The increase in beef prices during recent years provides an incentive to engage in livestock production. The number of private ranchers is increasing and the existing ones are now devoting more interest and increasing their inputs. This condition facilitates the adoption of new production practices which will improve the efficiency of the livestock industry.