

PROJECT APPRAISAL REPORT (PAR) Room 1656 NS

FD-ADD-422-F1

PAGE 1

4. PROJECT NO. AB9-11-110-594	2. PAR FOR PERIOD: 11/1/70 TO 6/30/72	3. COUNTRY Republic of Korea	4. PAR SERIAL NO. 72-5
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Rural Policy Planning and Survey (Provincial Agricultural Advisors)

6. PROJECT DURATION: Began FY <u>1964</u> Ends FY <u>72</u>		7. DATE LATEST PROP 3/10/70	8. DATE LATEST PIP 3/10/70	9. DATE PRIOR PAR 10/30/70
10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ <u>1,479,000</u>	b. Current FY Estimated Budget: \$ <u>126,000</u>	c. Estimated Budget to completion After Current FY: \$ <u>20,000</u>	

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

a. NAME Provincial Agricultural Advisors	b. CONTRACT, PASA OR VOL. AG. NO. Direct Hire
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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			<p>One of the several functions of the provincial advisors has been to keep abreast of development and achievements in agricultural service systems because performance directly affects agricultural growth.</p> <p>In the future this information will be obtained by the remaining Rural Development Division direct hire staff through its contacts in the Ministry of Agriculture and Forestry.</p>	Continuous

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	March 23, 1972
PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE Francis C. Jones				MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE Michael H. B. Adler			

AID 1020-28 (10-70) PAGE 2 PAR	PROJECT NO. 489-11-110-594	PAR FOR PERIOD: to 11/1/70-6/30/72	COUNTRY Republic of Korea	PAR SERIAL NO. 72-5
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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			OUT-STANDING		LOW		MEDIUM		HIGH
	1	2	3	4	5	6	7	1	2	3	4	5
1. Provincial Agricultural Advisors (D.H.)				X							X	
2.												
3.												

Comment on key factors determining rating

N.A.

4. PARTICIPANT TRAINING														
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Comment on key factors determining rating

N.A.

5. COMMODITIES														
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Comment on key factors determining rating

Rating is for Title II, non-PIO/C commodities (wheat, wheat flour and cornmeal), which were used in Provincial Comprehensive Development and Rural Roads programs.

6. COOPERATING COUNTRY	a. PERSONNEL													
	b. OTHER													

Comment on key factors determining rating

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

AID 1020-25(10-70)	PROJECT NO. 489-11-110-594	PAR FOR PERIOD: 11/1/70-6/30/72	COUNTRY Republic of Korea	PAR SERIAL NO. 72-5
PAGE 3 PAR				

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

N.A.

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		FY ____	FY ____	
			TO DATE	TO END			
Monthly reports/recommendations on: a) status of production programs, b) supply programs for farm inputs, c) progress on the rural roads program.	PLANNED	1964-71 768*	22	34	0	0	802
	ACTUAL PERFORMANCE	768	22				
	REPLANNED			-	-	-	-
In depth analysis on programs for lime, fertilizers, mechanization, livestock and extension.	PLANNED		5	3	-	-	8
	ACTUAL PERFORMANCE		5				
	REPLANNED						
Other quantitative/statistical indicators of project achievement are attached as an appendix.	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	1.	COMMENT:					
	2.	COMMENT:					
	3.	COMMENT:					

* Cumulative based on 8 men x 8 years and 12 reports per year equaling 768 reports.

AID 1020-25 (10-70) PAGE 4 PAR	PROJECT NO. 489-11-110-594	PAR FOR PERIOD: 11/1/70-6/30/72	COUNTRY Republic of Korea	PAR SERIAL NO. 72-5
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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

To establish better management practices within ROKG provincial agencies which implement rural development programs.

* Currently this activity has more emphasis on improved provincial management and less on technical assistance per se than envisaged in the PROP.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
<p>1. A demonstrated ability to handle increasing amounts and different types of farm inputs (fertilizer, seed, credit, etc.).</p> <p>2. Continuous agricultural growth in production (Metric tons of produce) and farm income.</p>	<p>See attached statistics for evidence of current conditions and examples of management practices recommended.</p>

V. PROGRAMMING GOAL

A. Statement of Programming Goal

To meet the agricultural sector growth goal of the Second Five Year Plan which was projected to average 5% per annum.

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.*
 In Korea, the government manages the delivery system for most of the major agricultural inputs. Increased management efficiency in this system is essential for meeting the agricultural growth goals. Production and income statistics and amounts of farm inputs give evidence that the system is improving. It is felt that the 70 some man years of direct hire advice provided through this T.A. project has contributed significantly to this achievement.

APPENDIX

INDICATORS OF IMPROVED MANAGEMENT CAPABILITIES

Growth of Agricultural, Forestry and Fisheries Sector

1961 - 1965 average growth rate of 5.3%
1966 - 1970 average growth rate of 3.6%
1961 - 1970 average for decade 4.4%

Growth in Food Grain Production - Quantity (Rice, Barley & Wheat, Misc. Cereals, Pulses, Potatoes)

<u>Total Metric Tons</u>	<u>% Change</u>	<u>Planted Area (Ha.)</u>	<u>% Change</u>
1960 = 5,271,000		2,726,228	
1965 = 7,005,000	+33%	3,248,385	+ 19%
1971 = 7,271,000	+4%	2,799,311	- 14%
For Decade	+38%		+ 3%
For 1965 - 1971 land productivity increased 20%.			

Growth in Net Farm Household Income

<u>Deflated by Wholesale Price Index</u>		<u>Deflated by Prices paid by Farmers</u>	
		<u>For Household Goods</u>	
1962 = 121,223		108,964	
1965 = 112,201	- 7%	112,201	+3%
1970 = 175,328	+56%	140,938	+26%
For 1962 - 1970 period	+45%		+29%

The ability to continue to expand agricultural output on a decreasing land base, with less farmers* and from a base of high land productivity is indicative of improved program and farm management capability.

* Farm Households decreased from 2,587,000 in 1967 to 2,487,000 in 1970.

GROWTH IN FARM INPUTS AND CREDIT
(Metric Tons and Billions of Won, 1970 Constant Prices)

Year	Nutrient tons of fertilizer	Lime	Active ele- ments of pesticides	Loans granted by NACF	Feed *		B/A(%)
					(A) Total concentrates	(B) Commercial mixed	
1964	364,145	300,321	3,979	29			
1965	393,098	451,700	2,990	39	1,260	47	3.7
1966	423,711	174,492	4,059	37	1,530	108	7.0
1967	459,469	193,345	5,491	47	1,625	108	6.6
1968	477,317	141,890	6,942	55	2,090	223	10.7
1969	534,434	225,764	8,049	63	2,688	368	13.7
1970	562,900	443,000	8,666	84	2,927	508	17.3
1971	588,711	426,000	12,556	81	3,397	702	20.7
1971 % increase over 1964/66 average	49%	38%	242%	133%	144%		

* 000 Metric tons.

Examples of specific management changes recommended by project personnel and adopted by the ROKG have been:

- (a) the delivery of lime in greater quantities and in bags rather than in bulk.
- (b) the establishment of 4,500 hectares of seeded pasture in 1971 using 138 MT of imported seed rather than reliance on low nutritive value native forage.
- (c) the production of higher quality commercial feeds, using considerable imported corn and protein supplements rather than major reliance on variable quality traditional feeds.
- (d) the increased applications of high analysis fertilizer, and sales to individual farmers rather than selling to village headmen.