



ANNEX 2. - Assignment Schedule

TABLE-1 ASSIGNMENT SCHEDULE FOR THE FEASIBILITY STUDY ON THE NYAKOMBA IRRIGATION DEVELOPMENT PROJECT IN THE REPUBLIC OF ZIMBABWE

SPECIALITY	NAME	1989							1990									
		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
Team Leader	MOCHIZUKI Yoshizo	5 11	28 16	12	18 27	13	10 15	24 24	17 26	13 26				15 15	12 26			
Sub Leader / Irrigation & Drainage	ISHIZAKA Jimpei	5 11	15	90	13 13	40	24 24	12 12	50				17 15	50	12 26			
Facilities Planning	SAKANASHI RYOSUKE			60	13 25	30	24	26	46				1 40	15				
Agriculture	YOSHIDA Yoshio	11 16	90	13 13	40	24	12	60				1 10	25					
Hidrology & Meteorology	IWAMOTO Akira		61 16	10 15	21 30													
Land Use	ISOMURA Masahiro							12	60				1 30	30				
Economic Evaluation	OGAWA Takehiko							26	46			1 60	15					
Design & Cost Estima- tion	HOSONO Syunichi							26	46			1 45	30					
Reporting																		

NOTE )  : Work in Zimbabwe  
 : Work in Japan  
 IC/R : Inception Report, PR/R : Progress Report(I), IT/R : Interim Report,  
 P/R(II) : Progress Report(II), DF/R : Draft Final Report, F/R : Final Report

ANNEX 3.- Minutes of Meeting on the submitting the PROGRESS REPORT( I )  
/ Harare, 10 November 1989

MINUTES OF MEETING  
FOR  
THE FEASIBILITY STUDY  
ON  
THE NYAKOMBA IRRIGATION DEVELOPMENT PROJECT  
IN  
THE REPUBLIC OF ZIMBABWE

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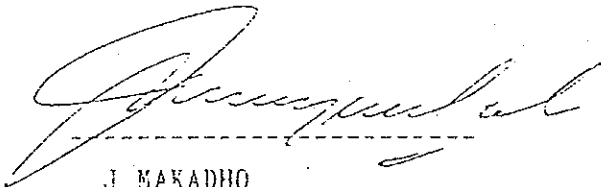
Agreed Upon Between

DEPARTMENT OF AGRICULTURAL TECHNICAL AND EXTENSION SERVICES  
( AGRITEX )  
REPUBLIC OF ZIMBABWE

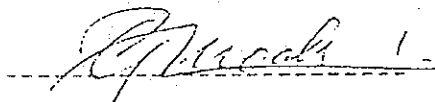
AND

JAPAN INTERNATIONAL COOPERATION AGENCY  
( JICA )

HARARE, 10 November 1989



J. MAKADHO  
ACTING DIRECTOR OF  
DEPARTMENT OF AGRICULTURAL  
TECHNICAL AND EXTENSION  
SERVICES, ZIMBABWE



Y. MOCHIZUKI  
LEADER OF  
THE FEASIBILITY STUDY TEAM  
JAPAN INTERNATIONAL  
COOPERATION AGENCY, JAPAN

SUBJECT

These Minutes have been prepared for the confirmation of technical matters on the Phase I Field Survey of the Nyakomba Irrigation Development Project.

1. JICA Study Team submitted 20 copies of PROGRESS REPORT (I) to AGRITEX for their study and comments.
2. AGRITEX expressed their satisfaction on the PROGRESS REPORT (I). Study Team expressed their gratitude to AGRITEX's eager cooperation.
3. AGRITEX strongly requested that,
  - (1) JICA accepts counterparts training in Japan within the planning term, because it is very important and urgent to train the management method on the operation and maintenance of pumping stations for the establishment of managing system in the AGRITEX.
  - (2) JICA donates set of portable type computer for the effective planning of irrigation project and the effective control of project operation and maintenance, and in the field.
  - (3) JICA donates a set of Theodolite and a set of Current Meter which are being supplied for the Phase I Field Survey.

JICA Study Team replied to convey the AGRITEX's requests to JICA Headquarters.

4. AGRITEX requested that JICA Study Team should examine the comparison with a pumping system and an earth fill dam system, not only technical and cost evaluation viewpoint but also financial source viewpoint.



MINUTES OF MEETING  
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THE REPUBLIC OF ZIMBABWE

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Agreed Upon Between

DEPARTMENT OF AGRICULTURAL TECHNICAL AND EXTENSION SERVICES  
( AGRITEX )

AND

JAPAN INTERNATIONAL COOPERATION AGENCY  
( JICA )

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HARARE. 24 JANUARY 1990

*S. Pazvakavambwa*  
for S. Pazvakavambwa

*Y. Mochizuki*  
Y. MOCHIZUKI

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DIRECTOR,  
DEPARTMENT OF AGRICULTURAL  
TECHNICAL AND EXTENSION  
SERVICE. ZIMBABWE

LEADER,  
THE FEASIBILITY STUDY TEAM  
JAPAN INTERNATIONAL  
COOPERATION AGENCY. JAPAN

## SUBJECT

These Minutes have been prepared for the confirmation of technical matters on the Phase 2 Field Survey of the Nyakomba Irrigation Development Project.

1. JICA Study Team submitted 20 copies of INTERIM REPORT to AGRITEX for their study and comments.  
AGRITEX expressed their satisfaction with INTERIM REPORT, Study Team expressed their gratitude to AGRITEX's eager cooperation.
2. On the Comment prepared by AGRITEX dated on 10th January 1990, JICA Study Team expressed that the Team received it on 11th January, it will be studied and some items are accepted into the Progress Report No.2 and the Draft Final Report.
3. Briefing of INTERIM REPORT, which including findings of the Phase 1 Study, data analysis by the home office works and the outline of basic concept for the development plan, was carried out by JICA Study Team.
4. JICA Study Team indicated the following main points of the Phase 2 Study, and both Parties were confirmed to solve the main points with the cooperation by both Parties.

- Point 1. to decide suitable cropping system(s),
2. to investigate water source, (especially, pumping system from Gairezi R.)
  3. to establish the pilot farm with tractor system for farmers training,
  4. to set up farmers organization,
  5. to built a meeting hall, warehouses, tobacco drying houses, etc.,
  6. to study an inland transportation from a port to the project site,
  7. to study the regulation on tax exemption for the cooperation project,
  8. to investigate existing conditions on contractors, manufacturers, material supply systems, etc. in Zimbabwe.

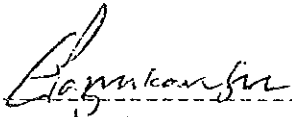
ANNEX 5.- Minutes of Meeting on the submitting the PROGRESS REPORT(II)

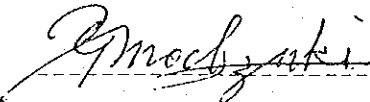
/ Harare, 9 March 1990

MINUTES OF MEETING  
FOR  
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ON  
THE NYAKOMBA IRRIGATION DEVELOPMENT PROJECT  
IN  
THE REPUBLIC OF ZIMBABWE

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Agreed Upon Between  
DEPARTMENT OF AGRICULTURAL TECHNICAL AND EXTENSION SERVICES  
( AGRITEX )  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY  
( JICA )

HARARE, 9 March 1990

  
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S. PAZVAKAVAMWA  
DIRECTOR OF  
DEPARTMENT OF AGRICULTURAL  
TECHNICAL AND EXTENSION  
SERVICES, ZIMBABWE

  
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Y. MOCHIZUKI  
LEADER OF  
THE FEASIBILITY STUDY TEAM  
JAPAN INTERNATIONAL  
COOPERATION AGENCY, JAPAN

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SUBJECT

These Minutes have been prepared for the confirmation of technical matters on the Phase II Field Survey of the Nyakomba Irrigation Development Project.

1. JICA Study Team submitted 20 copies of PROGRESS REPORT (II) to AGRITEX for their study and comments.
2. AGRITEX expressed their satisfaction on the PROGRESS REPORT (II), Study Team expressed their gratitude to AGRITEX's eager cooperation.
3. AGRITEX's comments on the Report, if any, shall be sent to the Team through the Embassy of Japan within one month.  
Comments shall be referred to the Final Report of the Feasibility Study.

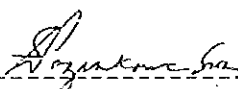
ANNEX 6. - Minutes of Meeting on the submitting the DRAFT FINAL REPORT  
/ Harare, 14 August, 1990

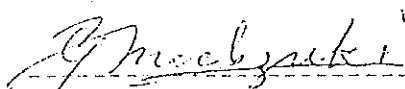
MINUTES OF MEETING

For  
The FEASIBILITY STUDY  
On  
The NYAKOMBA IRRIGATION DEVELOPMENT PROJECT  
In  
The REPUBLIC OF ZIMBABWE

Agreed Upon Between  
DEPARTMENT OF AGRICULTURAL TECHNICAL AND EXTENSION SERVICES  
( AGRITEX )  
And  
JAPAN INTERNATIONAL COOPERATION AGENCY  
( JICA )

Harare, 14 August, 1990

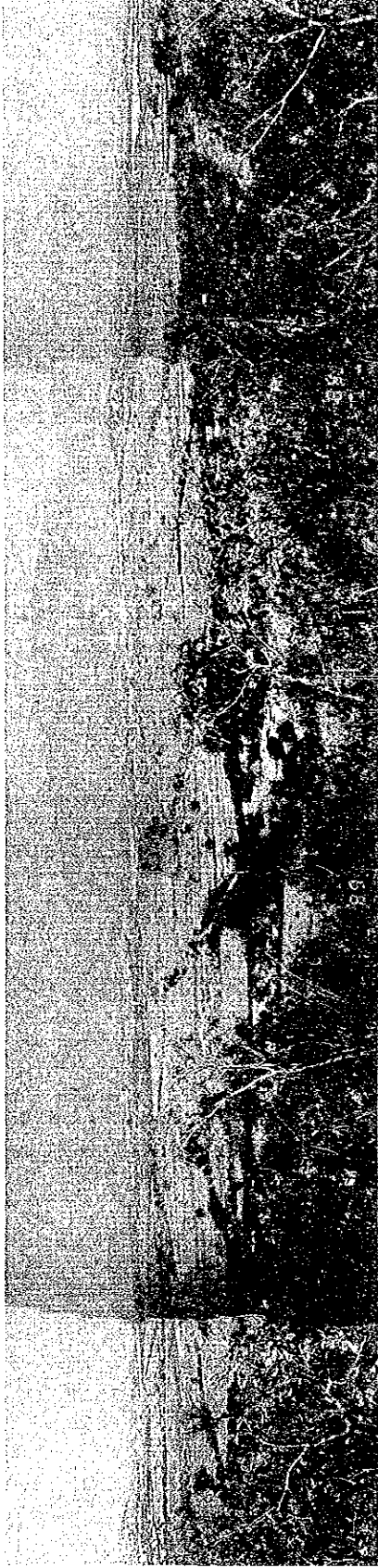
  
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S. PAZVAKAVAMWA  
Director of  
Department of Agricultural  
Technical and Extension  
Services, Zimbabwe

  
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Y. MOCHIZUKI  
Leader of  
The Feasibility Study Team of  
Japan International  
Cooperation Agency, Japan

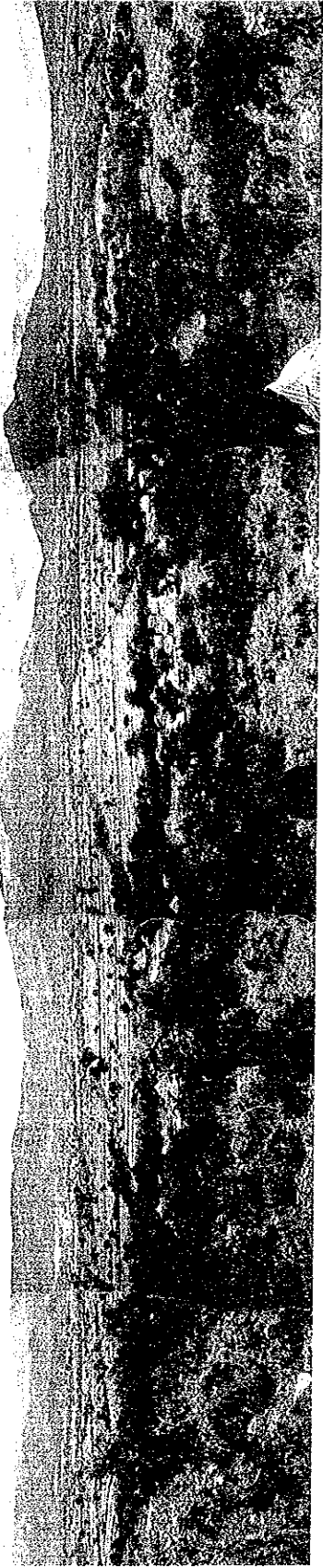
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SUBJECT  
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These Minutes have been prepared for the confirmation of technical matters on the Draft Final Report of the Nyakomba Irrigation Development Project.

1. JICA Study Team submitted 20 copies of the Draft Final Report to AGRITEX for their study and preparation of comments.
2. AGRITEX received the Draft Final Report, and Study Team expressed their gratitude to AGRITEX's eager cooperation.
3. AGRITEX showed their opinions that there are no objections with regard to planning of buildings and U&M facilities, project cost estimations and 5.5% of EIRR.
4. AGRITEX's comments on the Report, if any more, shall be sent to the Team through the Embassy of Japan before 15th of September.  
Comments shall be referred to the Final Report of the Feasibility Study.
5. Both AGRITEX and JICA agreed the transfer of equipments, a EDM Theodolite set and a Current Meter set.
6. AGRITEX requested strongly the Project is continued to be completed of the construction works with the grant aid by the Government of Japan.  
JICA Study Team expressed to convey the request to the Government of Japan.



Panorama of Block D looking from Chitava Hill in the dry season. A-203 ha.

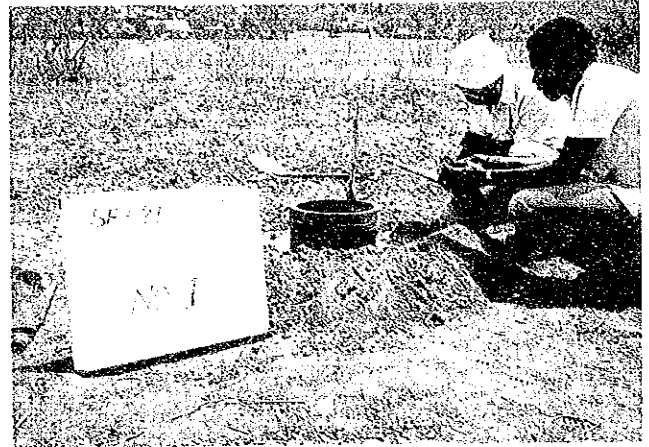


Same panorama in the rainy season.

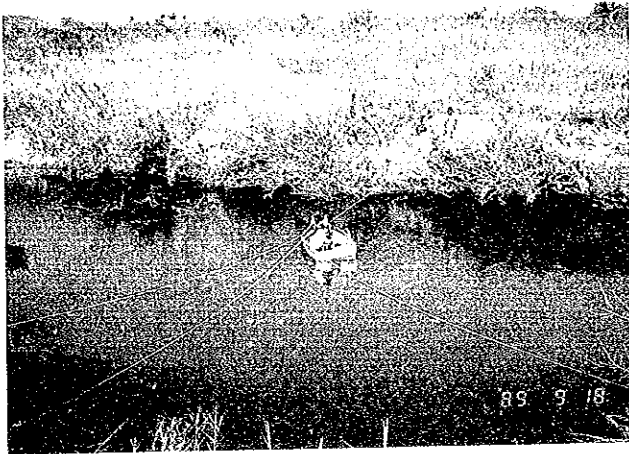




Meeting between AGRITEX and JICA Team.



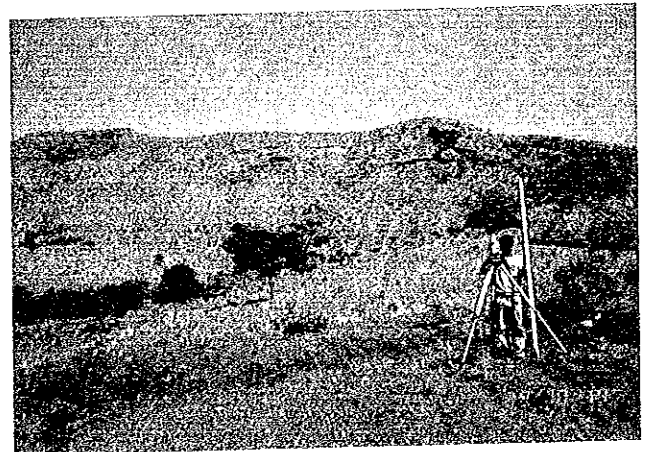
Intake rate test : Basic intake rate is around 70 mm/hr, furrow irrigation is adoptable.



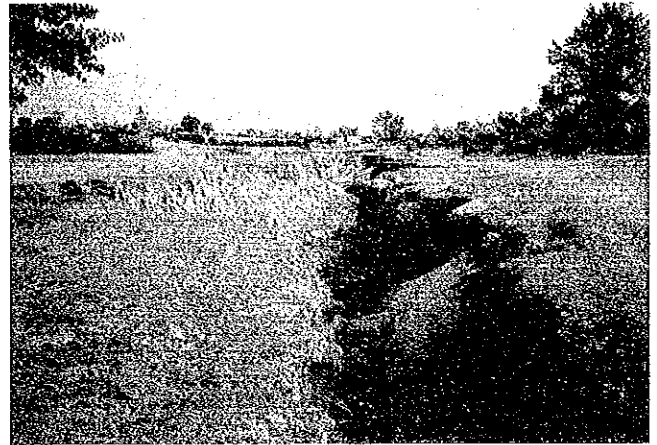
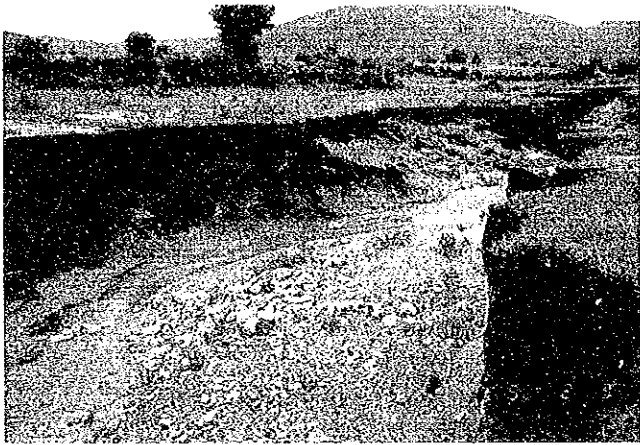
Cross section survey and discharge measurement in Gairezi River, base flow  $q=7.48$  cu.m. right bank is Mozambique.



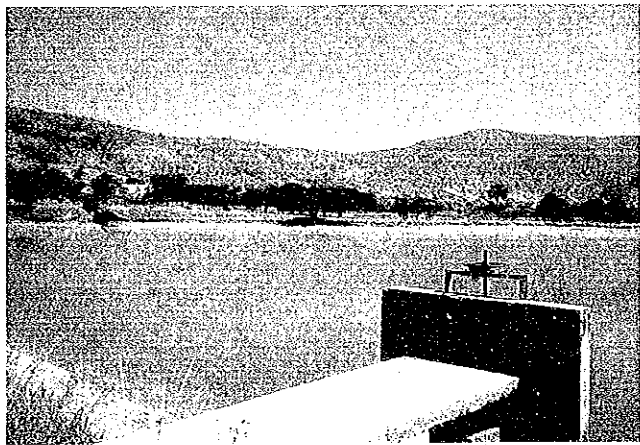
Soil survey : Test pit No.7 at Mwarazi Village, soil of the Project area is almost homogeneity sandy clay loam and reddish brown colour.



Topographic survey in Block E.



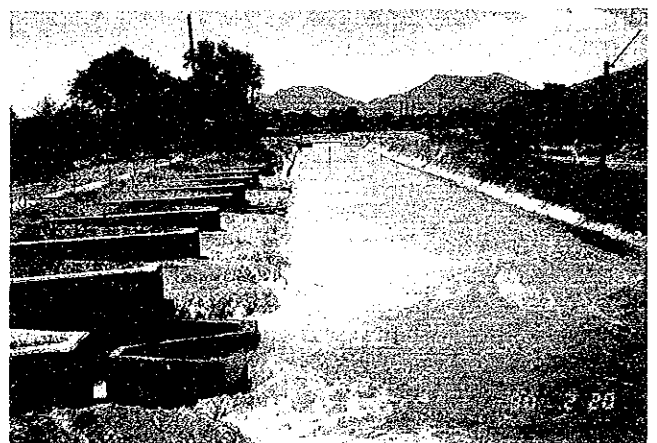
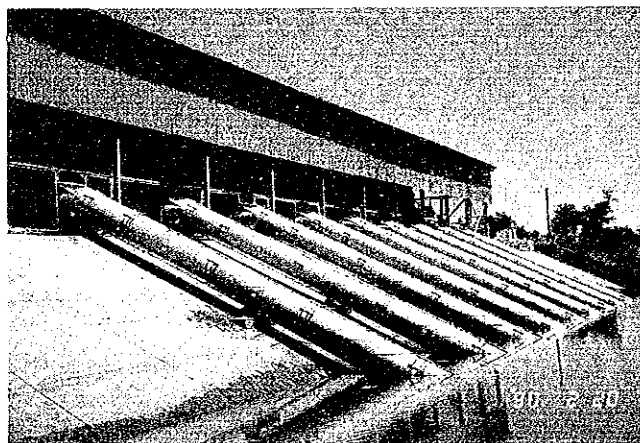
Gully erosion : In Irrigation Block E, which is Widening and deepening year by year. Countermeasures are urgently needed.



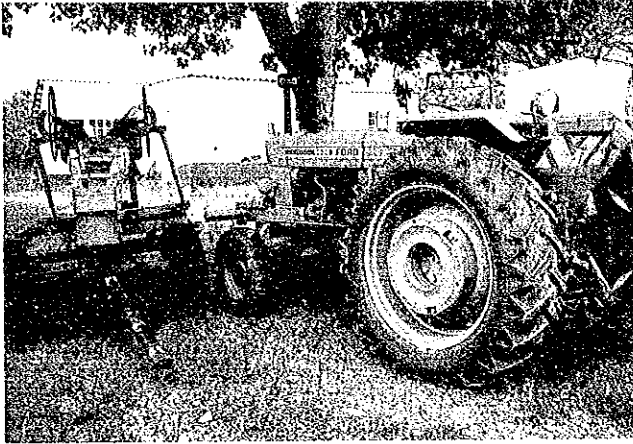
Night storage dam in Nyamaropa.



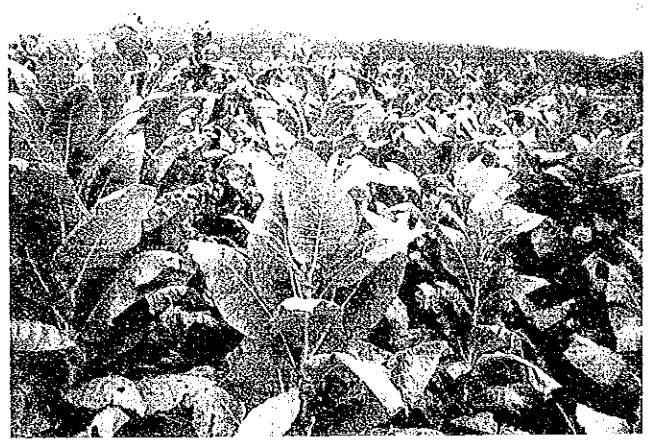
Nyamaropa Depot of Cotton Marketing Board.



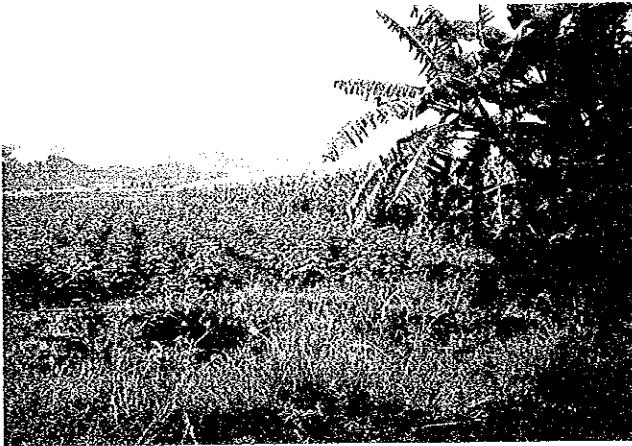
Pumping station in Middle Savi Project : Pumping station and outlet canal for irrigation are now diffusing in countrywide.



Farming machinery is being introduced recently.



Typical cash crop "tobacco" with irrigation system in Nyamaropa Project.



Staple food "maize" and cash crop "sugar beans" with irrigation system in dry season, Nyamaropa.



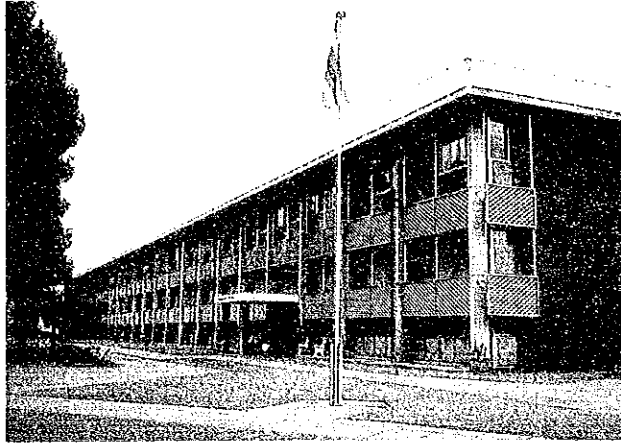
Irrigation field in the dry season with typical cash crop "cotton", Nyamaropa.



Disinfection of cotton by manpower sprayer.



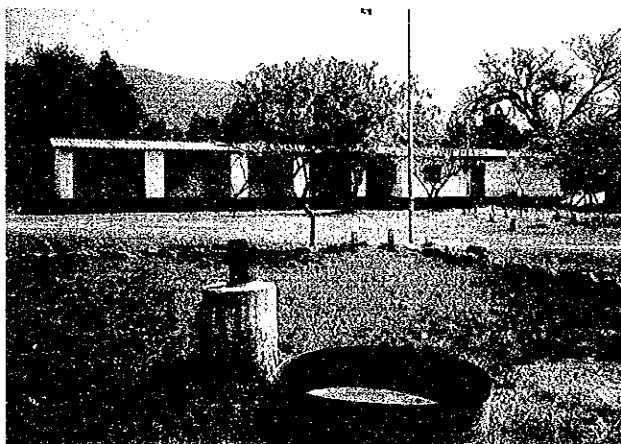
Sprinkler system irrigation in Commercial Farm.



AGRITEX Provincial Office Mutare City.



AGRITEX Regional Office in Nyanga.



AGRITEX Project Office in Nyamaropa which supplied so much climate and agricultural data.







JICA