

APPENDIX-4 Minutes of Discussions [Basic Design Study]

MINUTES OF DISCUSSIONS

THE BASIC DESIGN STUDY ON THE PROJECT FOR STRENGTHENING
THE AGRICULTURAL TRAINING INSTITUTE (ATI),
NATIONAL AND REGIONAL TRAINING CENTERS
IN
THE REPUBLIC OF THE PHILIPPINES

In response to the request of the Government of the Republic of the Philippines (hereinafter referred to as "the Philippines"), the Government of Japan decided to conduct a Basic Design Study on the PROJECT FOR STRENGTHENING THE AGRICULTURAL TRAINING INSTITUTE NATIONAL AND REGIONAL TRAINING CENTERS (hereinafter referred to as "the Project"), and the Japan International Cooperation Agency (JICA) sent the study team, headed by Mr. Hiroshi HASEGAWA, Deputy Director of Extension and Education Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries, from January 31st to March 1st, 1991.

The team had a series of discussions with the authorities concerned of the Government of the Philippines and conducted a field survey in the Project sites.

As a result of the discussions and field survey, both parties confirmed the main items described on the attached sheets. The team will proceed to conduct the study and prepare the Basic Design Study Report.

Manila, February 7th 1991

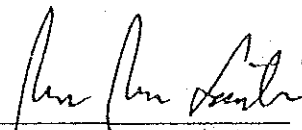
長谷川 裕

Mr. Hiroshi HASEGAWA

Leader

Basic Design Study Team

JICA



Dr. Manuel M. Lantin

Assistant Secretary

for Research Training & Extension Group

Department of Agriculture

ATTACHMENT

1. Project Title

The PROJECT FOR STRENGTHENING THE AGRICULTURAL TRAINING INSTITUTE NATIONAL AND REGIONAL TRAINING CENTERS

2. Objective

The objective of the Project is to provide Agricultural Training equipment and necessary renovation of the existing buildings of ATI to unify national and regional training efforts and strengthen the ATI's capability to answer the needs of its target clientele - the development workers/extensionists, farmers, fishermen and other members of agriculture communities.

3. Project sites

The Project sites are located at the following places (shown in Annex I).

Location of the Project

- | | | |
|-------------------|-------|-------------------|
| 1) Central Office | ----- | Quezon City, M.M. |
| 2) NIC-UPLB | ----- | Laguna |
| 3) NIC-BSU | ----- | Benguet |
| 4) NIC-VISCA | ----- | Leyte |
| 5) NIC-CMU | ----- | Bukidnon |
| 6) RTC-I | ----- | Pangasinan |
| 7) RTC-II | ----- | Isabela |
| 8) RTC-III | ----- | Pampanga |
| 9) RTC-IV | ----- | Cavite |
| 10) RTC-V | ----- | Camarines Sur |
| 11) RTC-VI | ----- | Aklan |
| 12) RTC-VII | ----- | Cebu |
| 13) RTC-VIII | ----- | Leyte |
| 14) RTC-IX | ----- | Zamboanga del Sur |
| 15) RTC-X | ----- | Misamis Oriental |
| 16) RTC-XI | ----- | Davao del Norte |
| 17) RTC-XII | ----- | North Cotabato |

4. Responsible organization, executing organization

- (1) Responsible organization: Department of Agriculture
(2) Executing organization: Agricultural Training Institute

5. Necessary items for the implementation of the Project requested by the Government of the Philippines

After discussions with the Basic Design Study Team, the following items were judged necessary for the realization of the Project.

1. Support Communication Equipment
 - (1) Audio Video Equipment
 - (2) Printing Equipment
 - (3) Information Processing Equipment
 - (4) Information Communication Equipment
 - (5) Support Transport Vehicles
2. Demonstration Farm/Enterprise Laboratory Equipment
3. Renovation of Buildings
 - (1) Audio Visual Production Building
 - (2) Printing Building
 - (3) Training room (60 seater)
 - (4) Training room (80 seater)
4. Furniture and Fixtures
 - (1) Furniture and Fixtures for Training Rooms in ATI Central Office
 - (2) Furniture and Fixtures for NTCs and RTCs

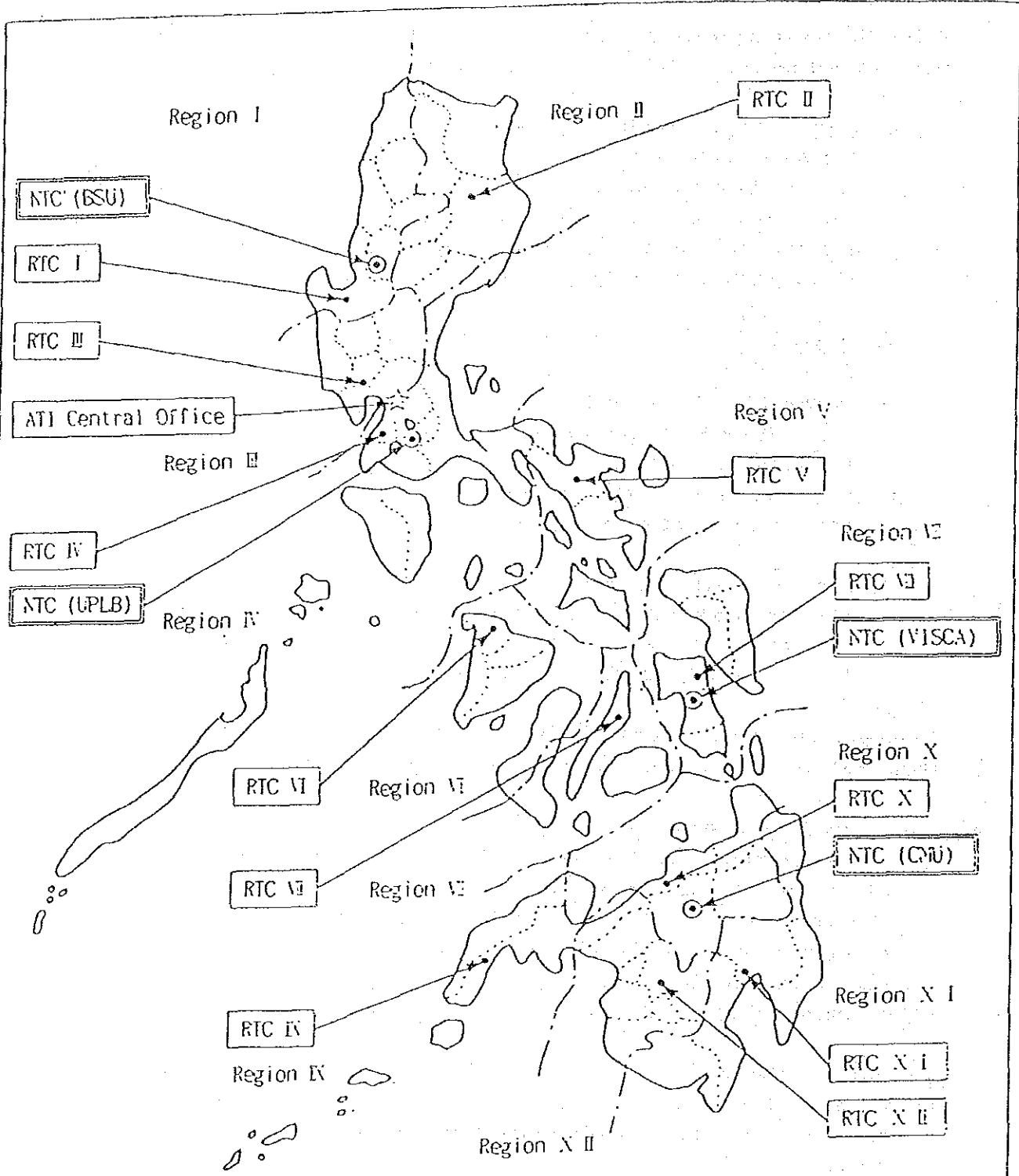
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However, the final items of the Project may differ from the above items, if it is judged necessary after further studies in Japan.

6. Grant Aid Program extended by Japan
 - (1) The Government of the Philippines has understood the system of Japanese Grant Aid as explained by the Team.
 - (2) The Government of the Philippines will take necessary measures, described in Annex II for smooth implementation of the Project on condition that the Grant Aid Assistance by the Government of Japan is extended to the Project.
7. Schedule of the Study
 - (1) JICA will prepare the draft report in English and dispatch a mission in order to explain the contents of the report around May, 1991.
 - (2) In case the contents of the report ~~are~~^{are} accepted in principle by the Government of Philippines, JICA will complete the Final Report on the basis of this Minutes and the technical examination of the study results and send it to the Government of the Philippines by August, 1991.

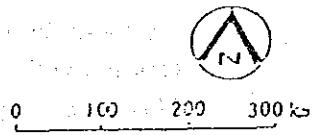
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ANNEX I



LEGEND

- ☆ :Central Office
- ⊙ :National Training Center
- :Regional Training Center
- :Regional Boundary
-:Provincial Boundary

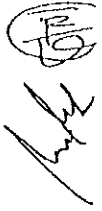


LOCATION OF ATI TRAINING CENTERS

Annex II

The Arrangements required to be taken by ATI, Philippines

1. To demolish and clear the site when necessary prior to the commencement of renovation and to secure and present the necessary building permits.
2. To provide facilities for the distribution of electricity, water supply, drainage outlet other incidental facilities.
3. To ensure prompt unloading, tax exemption, customs clearance at ports of disembarkation and prompt internal transportation of the equipment purchased under the Grant Aid.
4. To bear the following commissions to the Japanese foreign exchange bank for the banking services based upon the Banking Arrangement.
 - (1) Advising Commission of Authorization to Pay
 - (2) Payment Commission
5. To exempt Japanese Nationals involved in the Project from custom duties, internal taxes and other fiscal levies which may be imposed in the Republic of the Philippines with respect to the supply of the products and services under the verified contracts.
6. To accord Japanese Nationals whose services may be required in connection with the supply of the products and the services under the verified contracts such facilities as may be necessary for their entry into the Republic of the Philippines and stay therein for the performance of their works.
7. To bear all the expenses, other than those to be borne by the Grant, necessary for the execution of the Project.
8. To ensure the proper and effective operation and maintenance of equipment purchased under the Grant.



[Explanation of Draft Report]

MINUTES OF DISCUSSIONS
ON
THE BASIC DESIGN STUDY ON THE PROJECT FOR STRENGTHENING
THE AGRICULTURAL TRAINING INSTITUTE (ATI)
IN
THE REPUBLIC OF THE PHILIPPINES
(CONSULTATION ON DRAFT REPORT)

In February 1991, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study team on the Project for Strengthening the Agricultural Training Institute (ATI), National and Regional Training Centers (hereinafter referred to as "Project") to the Republic of the Philippines and has prepared the draft report of the study, through the discussions with the officials concerned of the Government of the Philippines, the field survey on the Project site, and technical examination on the results of the study in Japan. In order to explain the components of the draft report to the Government of the Philippines as well as to consult with the Philippine side on the contents of the report, JICA sent a study team which is headed by Mr. Hiroshi Hasegawa, Deputy Director of Extension and Education Division, Agricultural Production Bureau, Ministry of Agriculture, Forestry and Fisheries.

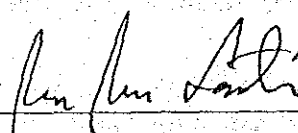
The team commenced its study in Manila from July 3rd, 1991 and will terminate it on July 10th.

As a result of discussions, both parties confirmed the main items as described on the attached sheets.

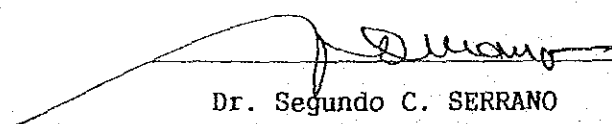
Manila, July 9th, 1991

長谷川 裕

Mr. Hiroshi HASEGAWA
Leader
Draft Report Explanation Team
JICA



Dr. Manuel M. LANTIN
Assistant Secretary
for Research Training &
Extension Group
Department of Agriculture



Dr. Segundo C. SERRANO
Director
Agricultural Training Institute
Department of Agriculture

ATTACHMENT

(12)

1. Components of Draft Report

The Government of the Philippines has agreed and accepted in principle the components of the Draft Report prepared by the team.

In regard to this, the Philippine side requested to include additional equipment shown in the list attached in Annex 1, which is considered necessary for the Project.

The Team mentioned that the necessity and adequacy of the equipment should be examined through further studies in Japan and that the final decision on inclusion of the equipment to the Project should be left to the discretion of the Government of Japan.

2. Japan's Grant Aid system

(1) The Government of the Philippines has understood the system of Japanese Grant Aid explained by the team.

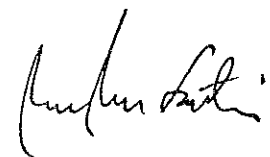
(2) The Government of the Philippines will take the necessary measures, described in Annex 2, for smooth implementation of the Project on condition that the grant aid by the Government of Japan is extended to the Project.

3. Further schedule of study

The team will make the final report in accordance with the confirmed items, and send it to the Government of the Philippines by the end of August, 1991.

4. Maintenance of the equipment

The Government of the Philippines confirmed with the definite measures shown in diagram attached in Annex 3 that the necessary budget and staff will be allocated to each project site for the effective operation and maintenance of the equipment to be procured under the Project, as stipulated in Annex 2-8.



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Priority Number

1. Equipment for RTC-CAR

- (1) Dining Room Furniture/Fixtures 6
- (2) Air conditioner for Sericulture Incubation Room 7
- (3) Additional Demo. Farm/Enterprise Laboratory Equip. 5

2. Replacement of equipment burned by the fire

- (1) Photo Typesetting Machine 1
- (2) Collating Machine 3
- (3) Transparency Maker 2

3. Equipment requested by the Philippine side

- (1) Underwater shooting devices 8
- (2) Plastic Ring Binder 4

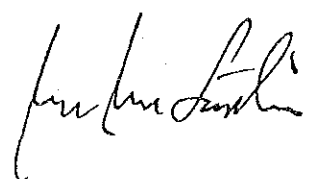
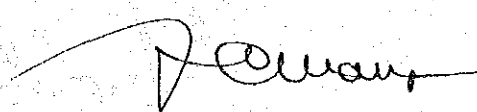
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Annex 2: Necessary measures to be taken by the Government of the
Philippines

(10)

1. To demolish and clear the site when necessary prior to the commencement of renovation and to secure and present the necessary building permits.
2. To provide facilities for the distribution of electricity, water supply, drainage outlet and other incidental facilities.
3. To ensure prompt unloading, tax exemption, customs clearance at ports of disembarkation and prompt internal transportation of the equipment purchased under the Grant Aid.
4. To bear the following commissions to the Japanese foreign exchange bank for the banking services based upon the Banking Arrangement.
 - (1) Advising Commission of Authorization to Pay
 - (2) Payment Commission
5. To exempt Japanese nationals involved in the Project from custom duties, internal taxes and other fiscal levies which may be imposed in the Republic of the Philippines with respect to the supply of the products and services under the verified contracts.
6. To accord Japanese nationals whose services may be required in connection with the supply of products and the services under the verified contract such facilities as may be necessary for their entry into the Republic of the Philippines and stay therein for the performance of their work.
7. To bear all the expenses other than those to be borne by the Grant, necessary for the execution of the Project.
8. To ensure the proper and effective operation and maintenance of equipment purchased under the Grant.
9. To rehabilitate the printing building which was burned July 2nd, 1991.
10. To renovate the roofing of printing and audio visual building from a rain leakage, and other necessary facilities for the Project.



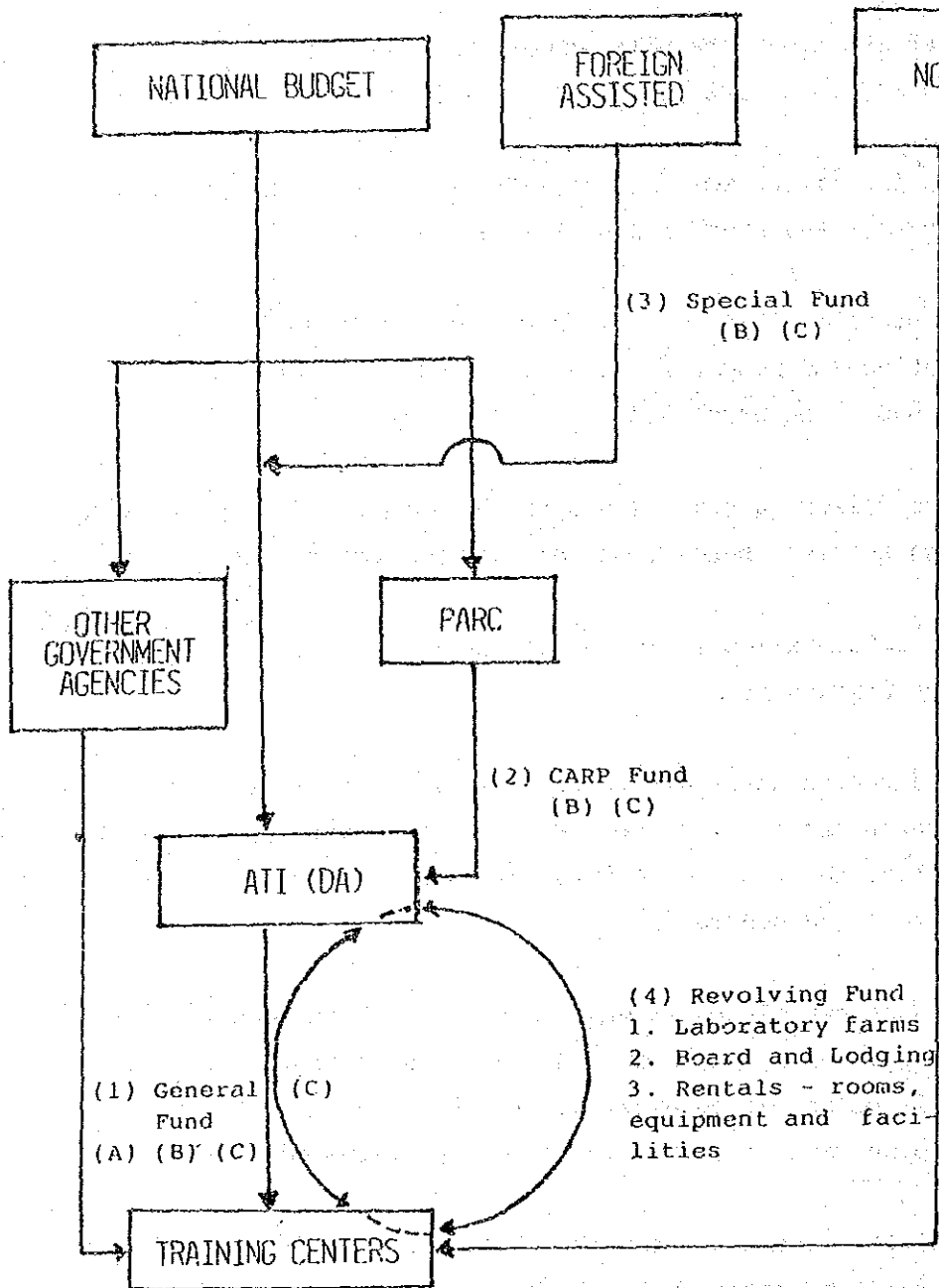


Figure . Budget Flow of ATI Training Centers

- Notes: 1. (A) Personnel Services
 (B) Training Cost
 (C) Operation and Maintenance Cost
2. Revolving Fund - established in 1990, the fund comes from the income from the use and operation of the training centers to be utilized for ATI operation and maintenance instead of re-mitting these to the Philippine Treasury.

APPENDIX-5 Country Data of the Republic of the Philippines

1. AREA: 300,000 km²
2. RACE: Mostly Malay. Others: Chinese, Spanish
3. LANGUAGE: English (as Official Language)
Common Language: Pilipino
Others: Tagalog,
4. CLIMATE: a tropical climate
5. RELIGION: Roman Catholic 85%, Aglipayan 3.9%, Islam 4.3%
6. HISTORY: From the 9th century: Division of the Malays according to tribes
1574: Colonization by Spain (the influence of Christianity spreads)
1898: Falls under the jurisdiction of the United States to treaty
1946: Gains independence on July 4 under first President Roxas
1950: Quirino Administration
1954: Magsaysay Administration
1958: Garcia Administration
1962: Macapagal Administration
1966: Marcos Administration
February 1988: Aquino Administration
7. GOVERNMENT: Republican form of government
8. THE HEAD OF STATE: President Corazon Aquino
9. EDUCATIONAL SYSTEM: Elementary School 6 years (compulsory)
High School 4 years
University/College (years differ according to the major)
School Term: from the middle June to the end of March, next year.
10. POPULATION: 60,500,000 (May 1990)
11. THE POPULATION INCREASING RATIO: 2.34% (an estimate in 1989)
12. CURRENCY: *Peso*
13. TRADE(1989): Total amount of trade (both import/export)- US\$18.24billion
(Export)
Total amount(FOB) - US\$7.82billion
Principal exporting nations: United States, Japan, EC
Principal items: Cloths, Semi-conductor
(Import)
Total amount(CIF) -- US\$10.42billion
Principal importing nations: Japan, United States, EC
Principal items: materials
Petroleum/Petroleum related product
Processing Materials

14. Industry: Key Industry-- Agriculture consisting 23% of GDP,
46% of Labor Population
Principal Agricultural Products: rice, corn,
sugarcane, coconut, banana etc.
15. Balance of Payment: 1987 1988 1989
(Current account of Payment) -4.4 -3.9 -2.55 (billion dollars)
16. Official Gold and Foreign Currency Reserves 1.96 2.06 2.32 (billion dollars)
17. Official debt 28.65 27.92 27.62 (billion dollars)
18. GNP 34.2 39.0 44.2 (billion dollars)
19. GNP per Capita 596 663 736 (dollars)
20. Economic Growth rate 5.9 6.7 5.7 (%)
21. Inflation rate 3.8 8.8 10.6 (%)
22. Fiscal year: 1/1 - 12/31 (since 1976)
23. Trends of aid from International Organizations/Developed Nation
- A. Bilateral assistance: total 789,290,000 dollars (In 1988)
major supplying countries: Japan (share of 67.7% in 1988)
United States (15.3% in 1988)
- B. Assistance from International Organizations: 65,100,000
dollars (in 1988)
major supplying organizations: Asia Development Bank
(share of 62.9% in 1988)

APPENDIX-6 Collected Reference Materials

1. PHILIPPINE YEARBOOK 1989: (NATIONAL STATISTICS OFFICE)
2. ATI Corporate plan 1989-1992: (Department of Agriculture)
3. ATI Annual Report (1987/1988): (ATI)
4. Annual Report for CY 1986: (Bureau of Agricultural Extension)
5. Medium-Term Philippine Development Plan 1987-1992: (NEDA)
6. Information System Plan, 1990-1994: (ATI)
7. The Philippine Agricultural Development Plan 1991-1995
8. Work Financial Plan for Calendar Year 1991 for each training centers: (NEDA)
9. The Target of ATI Activities in 1991: (ATI)
10. The Program and Curriculum of ATI activities in 1991: (ATI)
11. Others from each Training Center .

APPENDIX- Table 1. ATI Training Schedule (1989 - 1992)

Training Courses	1989	1990	1991	1992	Total
REGULAR TRAINING COURSES					
1. Short Refresher Courses for various APTs	2,700	4,000	4,000	2,209	12,909
2. Masteral Degree or Diplamate Programs for 1,170 ADS	390	780	780	390	2,340
3. Professional Enhancement Course for 1,585 MAOs, 78 PAOs and 65 Division Chiefs on Program Management, Personnel Administration Supervision and Agri-business Management	216	504	504	504	1,728
4. Agri-based Enterprises Development for 25,140 APC members	1,540	6,720	8,440	9,980	26,680
5. Enterprise Development for Farm Families	3,398	8,660	8,660	15,000	35,718
6. PAT Courses for APTs	2,700	4,000	4,000	4,909	15,609
SUPPORT TO COMPREHENSIVE AGRARIAN REFORM PROGRAM (CARP)					
1. Supervisory Mangement Training for MAO	1,578	—	—	—	1,578
2. Training on Farming as an Enterprise in support to CARP for APTs	5,122	—	—	—	5,122
3. Skills Training on Farming Systems for APTs	3,978	—	—	—	3,978
TECHNICAL SUPPORT TO AGRARIAN REFORM AND RURAL DEVELOPMENT					
1. Trainers Training for ADS	50	50	50	—	150
2. DA Technicians Training on Agri-business Management for APTs	240	240	240	—	720
3. Development Support Communication for APTs	39	78	—	—	117
T O T A L	21,951	25,032	26,674	32,992	106,649

APPENDIX - Table 2. Outline of Project Site

I T E M S	CAR	R-1	R-2	R-3	R-4	R-5	R-6	R-7	R-8	R-9	R-10	R-11	R-12	TOTAL
AS OF 1980														
Total Population (person)	857,689	3,047,847	2,088,510	5,203,347	6,803,300	3,659,177	5,440,288	4,051,183	2,927,117	2,840,088	3,132,176	3,792,384	2,528,080	45,382,156
Total Area (km ²)	18,294	12,840	26,837	18,231	46,924	17,633	20,223	14,952	21,432	18,685	28,328	31,683	23,293	299,365
Population Density (person/km ²)	47.4	237.4	77.9	285.4	145.0	207.5	269.0	270.9	136.6	152.0	110.6	119.7	108.5	151.6
AS OF 1987														
Rice Production(t)	162,466	682,581	986,808	1,540,235	866,513	581,404	1,178,375	149,835	379,343	324,688	356,159	622,720	697,927	8,539,852
Corn Production(t)	22,088	63,830	398,517	9,307	248,084	121,415	61,342	289,177	216,290	222,539	305,735	1,318,965	1,020,130	4,278,119
Banana Production(t)	-	116,577	75,627	57,237	208,759	79,638	331,075	96,161	236,197	143,863	424,682	1,916,570	686,778	3,773,164
Pineapple Production(t)	-	1,422	1,273	-	65,317	30,574	6,640	1,887	2,670	1,211	1,101,991	1,018,884	576	2,232,445
Mango Production(t)	-	148,303	2,937	42,372	43,444	379	17,840	26,122	321	23,638	23,490	20,337	2,832	352,005
Coconut Production(t)	-	970	68	-	310,884	175,642	76,914	132,301	168,855	287,118	186,997	836,668	252,533	2,428,950
Sugarcane Production(t)	-	20,800	9,064	190,805	281,714	12,215	978,131	199,230	56,962	7	77,787	27,171	7,284	1,861,170
AS OF 1988														
Number of Farm Families	93,940	246,261	208,294	235,422	369,208	311,214	279,123	341,884	271,283	214,920	263,829	286,808	254,306	3,407,492
Cultivated Land(ha)	227,365	326,915	506,563	495,521	1,251,203	1,036,607	765,886	582,862	744,141	800,512	965,635	1,138,617	835,382	8,877,498
Average Farmland(ha)	2.42	1.33	2.42	2.10	3.13	3.33	2.74	1.70	2.74	3.72	3.66	3.97	3.28	2.61
AS OF 1988														
Labor force (over 15 years old)	677,000	2,086,000	1,409,000	3,629,000	4,689,000	2,417,000	3,294,000	2,736,000	1,920,000	1,812,000	2,077,000	2,500,000	1,657,000	30,853,000
Labor force participation rate(%)	70.3	63.3	69.9	59.9	63.1	68.7	63.7	66.4	74.4	60.1	67.4	67.9	64.5	64.0
Unemployment rate(%)	2.3	3.2	1.9	5.0	4.3	2.9	2.5	2.6	3.7	2.8	3.8	3.8	2.6	4.2
The number of households(1,000)	214	625	488	1,038	1,421	738	957	830	598	539	607	738	493	9,236
Ave. Income of a household(Pesos)	33,357	33,421	32,765	46,084	38,381	26,676	30,397	27,351	25,069	32,033	34,422	36,680	34,605	431,191
Average Expenditure of a household (Pesos)	29,083	27,268	24,301	38,161	32,425	22,745	26,885	21,928	19,905	23,851	28,297	29,613	27,616	362,068

APPENDIX- Table 3. Present Condition of NTC and RTC

(1/6)

Location	Activity	Facility	Equipment	Others
<p>Benguet-NTC (La Trinidad) (1) Location: Benguet province state Univ., La Trinidad, Benguet (The site is located in La Trinidad which is adjacent to Baguio and 250 kms away from Manila)</p> <p>(2) Site area: 6,000m²</p>	<ul style="list-style-type: none"> Service area covers Region I, CAR and Region II. Thirty eight programs were conducted with 1,558 participants in 1990. Trainees are from DA, AFS, specialized institutions, Agricultural Cooperatives, Farmer's leaders and Farmers. However, only one training program for DA staff members was conducted. 	<ul style="list-style-type: none"> Administration office: 72m². Training room: 168m², one room is available for enterprise laboratory. Library and technical staff office: 72m² Multi-purpose hall: 114m² Cafeteria: 113.5m² available for food processing enterprise laboratory. Trainees dormitory: 664m². 120 trainees can be accommodated. Guest house: 130m² Garage: 73m² Demo farm (upland): Requesting 1ha farmland 	<ul style="list-style-type: none"> Audio visual equipment: OHP, slide projector, amplifier, video recorder TV monitor Printing equipment: plate maker, mimeograph machine Vehicle: Minibus, 4WD van Furniture: Bunk beds, desk/chairs, etc. 	<ul style="list-style-type: none"> Staff number is twenty-four including the superintendent, 10 technical and 11 administrative staff members. Originally a PTC-RD center which was converted to NTC. Staff has been carried over. Their programs focus on direct training/education of farmers. The site was hit by an earthquake in 1990 and damage was minimal. However, training programs have stopped due to damaged roads.
<p>Los Banos-NTC (Laguna) (1) Location: University of the Philippine Los Banos, Laguna (The site is 53 km southeast of Manila)</p> <p>(2) Site area: 20,000m²</p>	<ul style="list-style-type: none"> Service area covers Region III, Region IV and Region V. Thirty nine programs were conducted with 2,024 participants during 1987 and 1990. Trainees are from DA regional office, RTC staff and extension workers. In addition, staff of other departments, farmers and youth leaders were included. 	<ul style="list-style-type: none"> Administration/training building: 1,396m² including a training hall for 200 persons, an Audio-visual room for 70 persons, training room for 42 persons, a studio library and a printing room. Cafeteria: 300m², 100 people can be accommodated. Trainees dormitory: accommodations for 227 people Garage: 70m² Demo farm (lowland & upland): 600m² 	<ul style="list-style-type: none"> Audio visual equipment: OHP, slide projector, 16m/m projector, TV camera, TV monitor, portable sound system, personal computer, 35m/m camera) Printing equipment: mimeograph, Photo copy machine Vehicle: wagon, minibus 	<ul style="list-style-type: none"> Staff number is twenty five including the superintendent, 9 technical and 16 administrative staff members. The center has the largest well-equipped facility among the NTC. However, occupancy rate of the trainees' dormitory which can accommodate 200 trainees is low.
<p>Visayas-NTC (Leyte) (1) Location: Visayas College of Agriculture, Baybay, Leyte (The site is 108 kms southeast of Tacloban)</p> <p>(2) Site area: 665,000m²</p>	<ul style="list-style-type: none"> Service area covers Region VI, Region VII and Region VIII. Seventy three programs were conducted with 2,655 participants during 1988 and 1990. Trainees are from RTC, DA Regional office. However, the center also has programs to train farmers directly. 	<ul style="list-style-type: none"> Administration/training building: 985m², including a big training room for 75 people, a training room for 45 people, library and printing room. Cafeteria: 305m², 104 people can be accommodated. Trainees dormitory: 715m², accommodations for 74 trainees Staff housing Garage: 50m² Demo farm (lowland & upland): 5ha 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, 35m/m camera Printing equipment: mimeograph, Photo copy machine Vehicle: wagon, 4WD pickup truck, minibus 	<ul style="list-style-type: none"> Staff number is twenty four including the superintendent, 9 technical and 15 administrative staff members The center is located just in front of the beach so that facilities, especially vehicles, are damaged by the salt air. Due to insufficient audio-visual equipment, equipment is leased from the college.

Location	Activity	Facility	Equipment	Others
<p>Mindanao-NTC (Bukidnon)</p> <p>(1) Location: Central Mindanao University, Musuan, Bukidnon Province (It is two and half hours from Cagayan de Oro airport)</p> <p>(2) Site area: 665,000m²</p>	<p>• Service area covers Region IX, Region X, Region XI and Region XII.</p> <p>• Six ordinary general training programs and 18 CAPP training programs were conducted in 1990, and the participants were 214 and 428 respectively. In addition a training program with DAR, NIA, NFA was given with 18 participants.</p>	<p>• Administration building: 410m², the existing building is under renovation and additional 88m² conference room is being constructed. printing room.</p> <p>• Training building: 495m², it has 200m² area to be renovated as a training room, but the area has not been turned over yet for center utilization from the university</p> <p>• Cafeteria: 126m²</p> <p>• Trainees dormitory: 500m².</p> <p>• Staff housing</p> <p>• Demo farm (lowland & upland): 3ha</p>	<p>• Audio-visual equipment: OHP, slide projector, microphone and portable sound system. 35m/m camera</p> <p>• Printing equipment: mimeograph, photo copy machine</p> <p>• Vehicle: wagon, jeep</p>	<p>• Staff number is twenty five including superintendent, 11 technical and 14 administrative staff members.</p> <p>• The center started its activities in November 1989 within the university compound premise. It was transferred to its present location on December 1990. The facilities have been lent to ATI by the university and will renovated by ATI. Some of the buildings have not been turned over to the ATI and training programs have been stopped temporarily. It is urgent that the center resume its activities as soon as possible</p>
<p>RTC-1 (Pangasinan)</p> <p>(1) Location: Sta. Barbara, Pangasinan (The site is 210 km northwest from Manila)</p> <p>(2) Site area: 35,000m²</p>	<p>• Service area covers Region I, Region VII and Region VIII</p> <p>• Fifty eight programs was conducted with 244 participants in 1990.</p> <p>• The participants are from FTC, ATS and farmers.</p>	<p>• Administration/training building : 725m², the training room can accommodate 50 persons</p> <p>• Cafeteria: 60m², for 25 persons printing room.</p> <p>• Trainees dormitory: 261m²</p> <p>• Demo farm (upland): 1ha</p>	<p>• Audio-visual equipment: OHP, slide projector, microphone and portable sound system. 35m/m camera</p> <p>• Printing equipment: mimeograph, photo copy machine</p> <p>• Vehicle: wagon, Pickup truck</p>	<p>• Staff number is twenty four including superintendent, 9 technical and 15 administrative staff members</p> <p>• The organization consists of:</p> <ol style="list-style-type: none"> ① planning, monitoring evaluation unit (4 persons) ② Extension communication unit (3 persons) ③ Specialist services unit (3 persons), ④ Training unit, (3 persons) and ⑤ Administrative services unit (10 persons) <p>• The administration/training building is used with DA office. It will be vacated within the year, the space will be exclusively available as an additional training room for RTC.</p>
<p>RTC-2 (Isabela)</p> <p>(1) Location: Isabela State University Cagaban, Isabela Province (It is forty-five minutes from Tuguegarao airport)</p> <p>(2) Site area: 12,300m²</p>	<p>• Service area covers Region II.</p> <p>• Sixty four programs were conducted with 3,109 participants between 1987 and 1990. 34 of the programs were for farmers with 1,528 participants. 30 for ATS with 1,393 participants and for DENR • DLG • state university DAR with 188 participants.</p>	<p>• Administration/training building : 895m², including two training rooms.</p> <p>• Cafeteria: 359m², available for enterprise laboratory.</p> <p>• Trainees dormitory: 772m², accommodations for 74 trainees.</p> <p>• Superintendent house: 135m²</p> <p>• Staff housing: 279m²</p> <p>• Garage: 142m²</p> <p>• Demo farm (lowland): 1.3ha</p>	<p>• Audio-visual equipment: OHP, slide projector, microphone and portable sound system. 16m/m sound projector, 35m/m camera</p> <p>• Printing equipment: mimeograph, photo copy machine</p> <p>• Vehicle: wagon, 4WD van, minibus</p>	<p>• Staff number is twenty one including superintendent, 8 technical and 13 administrative staff members.</p> <p>• Nearly all of the equipment is old and requires replacement.</p>

Location	Activity	Facility	Equipment	Others
<p>RTC-3 (Pampanga) (1) Location: St. Nino, Magalang, Pampanga province (It is one hour by car from Manila) (2) Site area: 17,742m²</p>	<ul style="list-style-type: none"> Service area covers Region III. One hundred and twenty nine programs were conducted with 8,817 participants in 1990. The center was using the facilities of Pamanga Agricultural College up to last year, but moved to the existing site this January when the facilities were completed. The DA regional office in Sto. Tomas has been coordinating and conducting the center's administrative affairs 	<ul style="list-style-type: none"> Administration office 170m². Cafeteria: 117m². Trainees dormitory: 386m². 56 persons can be accommodated. Staff housing: 60 m² (6 houses) Demo farm (Lowland & upland): 6ha 	<ul style="list-style-type: none"> Audio visual equipment: OHP, slide projector, microphone and portable sound system, 35m/m camera. Printing equipment: mimeograph, photo copy machine. Vehicle: pickup truck 	<ul style="list-style-type: none"> Staff number is twenty three including the superintendent. The experts are agriculture, public information, illustration and audio-visual technology. Since the center has to only one training room it is necessary to secure additional space for training rooms in the existing building.
<p>RTC-4 (Cavite) (1) Location: Lapidario, Trece Martires city, Cavite (The site is 46km Southwest of Manila) (2) Site area: 8,190m²</p>	<ul style="list-style-type: none"> Sixty-six courses were conducted with 2,315 participants between 1989 and 1990. The trainees were from RTC, ATs, farmer and 4H club. 	<ul style="list-style-type: none"> The center is the smallest facility among RTCs. The center has only one building which includes a training room for 30 participants. One hectare demo farm (lowland) is owned by the center and another 1ha is borrowed from the private sector. 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, microphone and portable sound system, 35m/m camera Printing equipment: mimeograph, photo copy machine. Vehicle: pickup truck 	<ul style="list-style-type: none"> Staff number is twenty one including the superintendent, 9 technical and 12 administrative staff members. Training activities are not conducted at the center. The following places are borrowed for training purposes. <ul style="list-style-type: none"> ① Agro-aquatic Development Center at Jala, Jala Rizal ② Don Severino Agricultural College at Indang, Cavite ③ Training Center for Second Laguna de Bay Irrigation Project at Paradahán, Tanza Cavite.
<p>RTC-5 (Camarines Sur) (1) Location: Camarines Sur Province Agricultural College, Pili, Camarines Sur (The site is 12 kms Southeast of Naga city) (2) Site area: 5,000m²</p>	<ul style="list-style-type: none"> The center was established in January, 1989. Fourty-four courses were conducted with 1,880 participants between 1989 and 1990. 	<ul style="list-style-type: none"> Administration/Training building: 160m². 2 training rooms to accommodate 50 persons. Cafeteria: shared with college Trainees dormitory: 360m², accommodations for 56 trainees Demo farm (lowland): 1ha 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, microphone and portable sound system Printing equipment: mimeograph, photo copy machine. Vehicle: Jeep 	<ul style="list-style-type: none"> Staff number is nineteen including the superintendent, 6 technical and 13 administrative staff members. The center is operating out of borrowed facilities from the college. The equipment in use is insufficient and chairs and desks are in short supply.

Location	Activity	Facility	Equipment	Others
<p>RTC-6 (Aklan) (1) Location: Aklan Agricultural College, Banga, Aklan Province (It is twenty minutes by car from Kalibo airport)</p> <p>(2) Site area: 1,000m²</p>	<p>- Service area covers Region VI - 1,183 participants were trained in 1990. - They were comprised of 427 trainees from Agricultural Human Resource Development, 17 from ATI network, 183 from Trainind Research Program and 566 from other programs. - The center radio broadcasts agricultural news and relevant technology every Sunday.</p>	<p>- ATI exclusive facility — - Administration building: 135m² - Technical staff building: 90 m² - Training building: 134m², including two training rooms. - Demo farm (lowland): 1ha — Used jointly with college— - Research and development building : 200 m² - Training building: 390m², including 180m² training room and 120m² cafeteria. - Trainees dormitory: 572m², including 12 bedrooms. - Trainees dormitory</p>	<p>Audio Visual equipment: OHP, slide projector, microphone and portable sound system, 35mm camera. - Printing equipment: photo copy machine. - Vehicle: Jeep</p>	<p>- Staff number is nineteen including superintendent, 10 technical and 9 administrative staff members - Overseas training has been conducted for upgrading the training technology of the staff. An agriculturalist was sent to Taiwan for a five month course in 1990.</p>
<p>RTC-7 (Cebu) (1) Location: Former BFAR, Arellano Blvd, Cebu City</p> <p>(2) Site area: 2,000m²</p>	<p>- Service area covers Region VII - The center started operations in 1989. Twenty-two programs were conducted and 660 participants in 1990. The trainees were from DA, ATS, farmers and farmers cooperatives.</p>	<p>- Administration building: 210m² - Training building: 145m², including large and small training rooms. - Cafeteria: 100m² - Trainees dormitory: 160m², accommodation for 50 people - Trainees dormitory: 48m², including garage on the 1st floor. - Demo farm (upland): 1ha</p>	<p>- Audio Visual equipment: OHP, slide Projector, Amplifier - Printing equipment: mimeograph photo copy machine. - Vehicle: 4WD van</p>	<p>- Staff number is twenty one including the superintendent, 11 technical and 8 administrative staff members. - With removal of BFAR, the facilities are used jointly with DA provincial office - The facilities are not in operation due to damage received from typhoon. The center is currently under rehabilitation.</p>
<p>RTC-8 (Leyte) (1) Location: RTC, Sanvicente Alangalang, Leyte (The site is 30 kms from west of Tacloban city)</p> <p>(2) Site area: 1,000m²</p>	<p>- Service covers Region VIII - PTC-RD at Sab-a-basin was in operation until 1987. - With the establishment of ATI, the center was transferred to Alang Alang. - Thirty one programs were conducted with 1,218 participants in 1989.</p>	<p>- Administration building: 246m² only 2 rooms are for exclusive use - Training building: 786m², one of two training rooms are occupied as a dormitory. - Cafeteria: 187m², available for enter prise laboratory. - Trainees dormitory: 285m², under renovation - Instructors' room: 60m², available on second floor of the dormitory. - Garage: 100m² - Demo farm (lowland): 1ha</p>	<p>- Audio Visual equipment: OHP, slide Projector, Amplifier, video set - Printing equipment: mimeograph photo copy machine. - Vehicle: 4WD van, minibus</p>	<p>- The center has a coordination office at Tacloban and a training center at Sab-a-basin in addition to the facilities at Alang Alang. - Staff number is nineteen including the superintendent, and composed of 6 technical and 13 administrative. of the administrative staff, six members work at Sab-a-basin and four at Tacloban. - The center has been using equipment donated by RP-Japan agriculture pilot Project. - Sab-a-basin center will be transferred to FTC.</p>

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Location	Activity	Facility	Equipment	Others
<p>RTC-9 (Zamboanga del Sur) (1) Location: DA Agricultural demonstration compound, Ipil, Zamboanga del Sur (The site is 120 kms away from Zamboanga City)</p> <p>(2) Site area: 450m²</p>	<ul style="list-style-type: none"> Service area covers Region IX. Forty one programs were conducted with 1,455 participants in 1990. However, only two programs were conducted at the center. The other programs were implemented in locations out of the center. Six programs were implemented to farmers directly. 	<ul style="list-style-type: none"> Administration building: 160m² Training room: 105m² Cafeteria: None but planning to build. Trainees dormitory: 225m², 50 persons can be accommodated. Garage: 100m² Demo farm (lowland): 1.5ha 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, amplifier Printing equipment: mimeograph, photo copy machine. Vehicle: 4WD van 	<ul style="list-style-type: none"> The center was established in 1989. By using of a part of the building and demo farm of DA agricultural compound, a training room was newly constructed and the dormitory was renovated. Within the center, there is a regional comprehensive agriculture research facility which is quite well equipped. Staff number is nineteen including superintendent, 9 technical and 10 administrative staff members.
<p>RTC-10 (Misamis Oriental) (1) Location: El Salvador, Misamis Oriental (It is one hour by car from Cagayan de Ore airport)</p> <p>(2) Site area: 48,200m²</p>	<ul style="list-style-type: none"> Service area covers Region X. The center had fully operational in February, 1988, and with 1,706 participants between 1989 and 1990 The training program has a one day to ten days course; one day course is field inspection and the ten days course is about how to inspect and apply technology training. 	<ul style="list-style-type: none"> Administration/Training building : 375m² Cafeteria: 126m² Trainees dormitory: 285m², under renovation Training building: 287m², 8 bed rooms plus 45m² training room. Superintendent house: 72 m² Guest house: 72m² Garage: 190m² Demo Farm (lowland): 0.9ha 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, microphone and portable sound system, 35m/m camera megaphone Printing equipment: mimeograph, photo copy machine. Vehicle: 1 	<ul style="list-style-type: none"> The center's facilities were transferred from FDDS's The administration/training building is the same floor plan as RTC-1's and major facilities have been improved, however, there are some lack of space such as Kitchen in Cafeterias. Staff number is eighteen including the superintendent, and composed of 8 technical and 10 administrative.
<p>RTC-11 (Davao del Norte) (1) Location: Panabo, Davao del Norte (The site is 37 kms away from Davao city)</p> <p>(2) Site area: 30,000m²</p>	<ul style="list-style-type: none"> Service area covers Region X I The center was established in 1989 Thirty nine Programs were conducted with 1,493 participants in 1990. The trainees were 40% DA staff and 60% farmers. 	<ul style="list-style-type: none"> Administration building: 780m² Training room: 113m² training room and 81m open style training room. Trainees dormitory: 400m², 80 persons can be accommodated, one of two dormitories includes 65m² Cafeteria. Guest house: 86 m² Garage: 210m² Demo Farm (lowland): 1.5ha 	<ul style="list-style-type: none"> Audio Visual equipment: OHP, slide projector, amplifier, Video projector, megaphone Printing equipment: mimeograph, photo copy machine. Vehicle: multipurpose van 	<ul style="list-style-type: none"> The center's facilities were turned over from FDDS's and they are well equipped. The center has a coordination office in Davao city. Staff number is nineteen including the superintendent, and is composed of 8 technical and 11 administrative staff members.

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Location	Activity	Facility	Equipment	Others
RTC-12 (North Cotabato) (1) Location: South Mindanao University, Kabanacan, Cotabato (The site is 80 km east of Cotabato City) (2) Site area: 30,000m ²	<ul style="list-style-type: none"> • Service area covers Region XII • Fourteen programs were conducted with 639 participants in 1990. The trainees were 58% farmers who mainly were beneficiaries from CARRP project. • The 76 percent of participants were from Cotabato. 	<ul style="list-style-type: none"> • Administration building: 135m² • Training room: including 105m² Audio Visual room, 55m² training room on the roof and 320m² open type training room • Cafeteria: 720m² 130 persons can be accommodated. • Garage: 135m² • Demo farm (upland): 1.5ha 	<ul style="list-style-type: none"> • Audio Visual equipment: OHP, slide projector, amplifier, video projector, video camera • Printing equipment: mimeograph photo copy machine, plate maker for off set printing machine. • Vehicle: multipurpose van, minibus 	<ul style="list-style-type: none"> • The center has been conducting training activities since PTC-RD was established in 1987, and in 1988 it was merged into ATI. • The staff was carried over from PTC-RD and the number is seventeen including the superintendent, 6 technical and 11 administrative staff members.
RTC CAR (Ifugao) (1) Location: Ifugao State College of Agriculture and Forestry, Nayong Lamut, Ifugao (It is 190 kms away from Manila)	<ul style="list-style-type: none"> • The center's service area covers Benguet, Ifugao, Mountain Province, Abra, and Kalinga-Abayao. • The center will be established in 1991 and begin operations in 1992. 	<ul style="list-style-type: none"> • Administration building: 247m² • Training room: 231m² and 105m² and enterprise lab type training room • Cafeteria: 123m². 50 persons can be accommodated for the dormitory • Sericulture room: 70m² • Demo farm (upland): 1.0ha 	None	<ul style="list-style-type: none"> • ISCAF library will be lent to the center for training purposes. • The center's staff will be composed of two members from ATI central office, two from ISCAF and two from Benguet NTC. • A sericulture expert will be required.

