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1. ミニッツ・合同評価レポート
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5. 中間評価担当ネパール人コンサルタント提出レポート

**MINUTES OF MEETING BETWEEN
THE JAPANESE MID-TERM EVALUATION TEAM
AND
THE DEPARTMENT OF AGRICULTURE,
MINISTRY OF AGRICULTURE AND COOPERATIVES
OF
THE GOVERNMENT OF NEPAL
ON
THE TECHNICAL COOPERATION FOR
“AGRICULTURE TRAINING AND EXTENSION IMPROVEMENT PROJECT”**

The Japan International Cooperation Agency (hereinafter referred to as “JICA”) conducted the Mid-Term Evaluation Team (hereinafter referred to as “the Team”), headed by Mr. Shinji YOSHIURA, in Nepal from 15 to 25 September 2006, for the purpose of implementing the Joint Mid-Term Evaluation for “Agriculture Training and Extension Improvement Project”(hereinafter referred to as “the Project”).


The Team exchanged views and opinions with the authorities concerned in the Government of Nepal through a series of meetings and field observations in relation to the Project.

As a result of the above, both parties have reached common understandings concerning the matters in the documents attached hereto.

Kathmandu, September 25th 2006



Mr. Shinji Yoshiura
Leader
Japanese Mid-Term Evaluation Team
Japan International Cooperation Agency
Japan



Dr. Deep Bahadur Suwar
Director General
Department of Agriculture
Ministry of Agriculture and Cooperatives
Nepal

ATTACHED DOCUMENT

1. Revision of the PDM and Recommendations from the Mid-Term Evaluation Committee

The Mid-Term Evaluation Report was developed as a result of joint evaluation activities as per attached. During these activities, the Project Design Matrix (PDM) was discussed between the Committee and Project personnel and necessary revision was made. From now on the revised PDM is to be regarded as an official one, and based on this PDM, as well as the "Work Plan" from the MOU, the project activities will be implemented further.

The major recommendations in the Report to be prioritized for the betterment of Project Implementation are as mentioned below:

- 1) The DADOs' general budget should be increased from the viewpoint of efficient and effective implementation of the Project and sustainability of the Agriculture Extension Model in Nepal.
- 2) The mechanism with a view of sharing the experiences/knowledge on agriculture extension at the field level should be developed.
- 3) Enhancement on "Farm Management" should be considered.

2. Further Measures To Be Taken by Both Governments

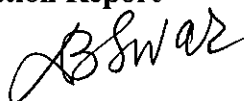
1) Nepalese side to assure that the number of assigned JT/JTAs do not decrease.

To ensure for the Project purpose to be successfully accomplished by the end of this Project duration, and to make the above-mentioned recommendations feasible, the assignment of the proper number of JT/JTAs and DADO officer is an essential matter. Based on this recognition, the Japanese side has requested to the Nepalese side to consider this matter in reference with the National Agriculture Policy in 2004 and National Agriculture Extension Strategy, which is expected to be authorized soon. In this regard, the Nepalese side replied that they will consider further and respond to the Project in the near future.

2) Japanese side to consider the assignment of short term experts

Farm Management is the key issue for improving the livelihood of farmers, which is also the "Super goal" of the Project. Also activation of Agriculture Development Committee (ADC) is important in terms of one of the Project Output "Coordination among stakeholders". Under these circumstances, the Japanese side offered the idea on assignment of short-term expert/s in the field of "Farm Management" and "Strengthening of ADC". The Nepalese side basically agreed to the idea and details will be discussed in the Project in the near future.

Attached: Mid Term Evaluation Report



MID-TERM EVALUATION REPORT
ON
AGRICULTURE TRAINING AND EXTENSION IMPROVEMENT PROJECT
IN NEPAL

KATHMANDU, SEPTEMBER 25th, 2006

NEPAL-JAPAN
JOINT MID-TERM EVALUATION COMMITTEE

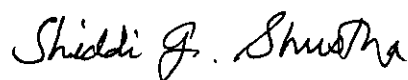


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Leader

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2. The revised PDM as of Mid-Term Evaluation
3. Achievement of Inputs
4. The Sequential Flow of Each Activities in District
5. Evaluation Questions and Findings



LIST OF ABBREVIATIONS

ADC	Agriculture Development Committee
APPSP	Agriculture Perspective Plan Support Program
ASC	Agriculture Service Center
ASSC	Agriculture Service Sub-Center
C/P	Counterpart
DADO	District Agriculture Development Office
DOA	Department of Agriculture
DDC	District Development Committee
E/M Farmer	Extension Model Farmer
GOJ	Government of Japan
GON	Government of Nepal
JCC	Joint Coordination Committee
JICA	Japan International Cooperation Agency
JT	Junior Technician
JTA	Junior Technical Assistant
LG	Local Government
MOU	Memorandum of Understanding
PDM	Project Design Matrix
PO	Plan of Operations
R/D	Record of Discussion
SADO	Senior Agriculture Development Officer
SMS	Subject Matter Specialist
T/D Farm	Training and Demonstration Farm
VDC	Village Development Committee



1. OUTLINE OF THE PROJECT

1-1. Background of the Project

Agriculture is the backbone of the Nepalese economy, which consist the major source of employment; about 80 percent of the population and 40 percent of the country's Gross Domestic Product (GDP). However, the agricultural growth has been slow and has barely kept pace with population growth during the last two decades. Lack of efficiency and effectiveness in agriculture training and extension service is one of the major causes in the sluggish agricultural productivity of Nepal.

The Agriculture Training and Extension Improvement Project (hereinafter referred to as "the Project") was requested to the Government of Japan to solve the above-mentioned issue in JFY 2000 and launched in January 2004. It is aimed to improve the current agriculture training and extension service in Nepal to meet the needs of farmers.

The target area of the Project is five districts in the central development region, namely Sindupalchowk, Rasuwa, Nuwakot, Dhading and Makwanpur.

1-2. Summary of the Project

The grand design of the project is drawn in the Project Design Matrix (hereinafter referred to as "PDM") which was reinterpreted and agreed by the Project in 5th July 2006 (refer to ANNEX 1). Its summary is as follows:

1. Super Goal	Farmers' livelihood is improved.
2. Overall Goal	Adoption of improved farming technology by the farmers will be increased in the Project Districts.
3. Project Purpose	Agriculture technology delivery system is improved in the Project districts through training and extension. (Delivery system involves agriculture technology, group organization, facilitation, M & E, documentation and coordination, etc.)
4. Outputs	1) Practical training is imparted to extension workers and farmers. 2) Farmers' need-based extension services are delivered. 3) Activities of different service providers in agriculture development are coordinated / facilitated.

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2. EVALUATION OF THE PROJECT

2-1. Objectives

Evaluation was performed with the following purpose:

- (1) To evaluate the level of achievement, overall effects and strategies of the Project based on the R/D, the PDM, and the Work Plan¹;
- (2) To evaluate the Project in terms of the five criteria mentioned below;
- (3) To review the PDM and make necessary modification of it; and
- (4) To make recommendations to the related organizations concerning the activities to be implemented during the remaining of the project period and after the completion of the Project.

2-2. Methods

2-2-1. Joint Evaluation

The Project was jointly evaluated by Japanese and Nepalese sides (hereinafter referred to as “the Joint Evaluation Committee”) using the five evaluation criteria. The Joint Evaluation Committee was composed of members from each side who were not directly involved in the Project implementation. The activities included in the evaluation were report analysis, field survey, a series of discussions and interviews with officials, staff, beneficiaries and project personnel.

2-2-2. Five Evaluation Criteria

The evaluation was conducted based on the five criteria listed below:

(1) *Relevance*

Relevance measures the extent to which the Project is consistent with the priorities and policies of the target group, recipients and donor.

(2) *Efficiency*

Efficiency measures the output – qualitative and quantitative – in relation to the inputs. This generally requires comparing alternative approaches to achieving the same outputs in order to see whether the most efficient process has been used.

(3) *Effectiveness*

Effectiveness measures the extent to which the activities achieve its purpose, or whether this can be expected to happen on the basis of the outputs.

(4) *Impact*

Impact indicates whether the Project has had effects on its surroundings in terms of technical, economic, socio-cultural, institutional, and environmental factors.

(5) *Sustainability*

Sustainability measures the extent to which the objectives of the Project will continue to be accomplished after the completion of the Project, in other words, the extent to which the groups affected

¹ This Project uses the Work Plan as its schedule instead of the Plan of Operations (PO).



by the Project intend to and/or are able to take charge by themselves to continue accomplishing its objectives.

2-3. Modification of the PDM

Necessary modifications of the PDM, including setting quantitative indicators, was undertaken, as a part of this mid-term evaluation (refer to ANNEX 2).

2-4. Members of the Joint Evaluation Committee

(1) The Japanese Side

No.	Name	Title/Field	Designation
1	Mr. Shinji YOSHIURA	Leader	Resident Representative, JICA Nepal Office, Japan International Cooperation Agency
2	Dr. Shun SUZUKI	Agricultural Extension Management	Professor, Dept. of International Agricultural Development, Tokyo University of Agriculture
3	Ms. Junko SAIKAWA	Evaluation Analysis	Senior Planner, Consulting Department II, KRI International Corporation
4	Mr. Yoshinobu KINOSHITA	Program Manager	Assistant Resident Representative, JICA Nepal Office, Japan International Cooperation Agency
5	Ms. Kumiko MURATA	Program Officer	Project Officer, Paddy Field Based Farming Area Team III, Group I, Rural Development Department, Japan International Cooperation Agency

(2) The Nepalese Side

No.	Name	Title/Field	Designation
1	Dr. Shiddi Ganesh SHRESTHA	Leader	Senior Agriculture officer, Planning Division, Ministry of Agriculture and Cooperatives
2	Mr. Mahendra KHANAL	Team Member	Agriculture officer, M&E Division, Ministry of Agriculture and Cooperatives
3	Mr. Kamal Raj GAUTAM	Team Member	Senior Agricultural Economist, Monitoring and Evaluation Section, Department of Agriculture, Ministry of Agriculture and Cooperatives

2-5. Schedule of the evaluation

The Joint Evaluation Committee worked for eleven days from 15 to 25 September 2006 in Kathmandu and Project sites for carrying out the following activities:

Date		Activities
15 th Sep	Fri	Members from Japan's arrival to KTM Meeting w/ JICA Office, Project and Internal Meeting
16 th	Sat	Field trip to Nuwakot district / Japanese Team only - Observation of training activity at Nuwakot DADO office
17 th	Sun	- Visiting T/D farmer at Khanigaon and Belkot VDC - Interview with JT/JTAs
18 th	Mon	CC to Secretary, MOAC 1 st Joint Evaluation Committee - Explanation of evaluation objective, method, criteria - Brief on Pre-survey results and Q&A
19 th	Tue	Field trip to Sindupalchowk district - Visiting of T/D farmer at Tatopani VDC
20 th	Wed	- Interaction with DADO officer, JTA and farmers - Visiting of ADC farmers in Fataksila - Interaction with the ADC farmers
21 st	Thu	Internal Meeting

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22 nd	Fri	2 nd Joint Evaluation Committee - Review on achievements and Drafting 5 Criteria Evaluation - Discuss on Conclusion and Recommendation
23 rd	Sat	Review documents, Draft Evaluation Report and M/M
24 th	Sun	3 rd Joint Evaluation Committee - Confirmation on Joint Evaluation Report and M/M
25 th	Mon	Joint Coordination Committee (JCC) Meeting - Presentation of Evaluation Report - Signing of M/M

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3. ACHIEVEMENTS OF THE PROJECT

3-1. Achievement of Inputs (refer to ANNEX 3)

3-1-1. Japanese Side

(1) Dispatch of Experts

- 1) Long-term experts: Five long-term experts in total (chief advisor (1), coordinator/agriculture training (2), agriculture extension (1), chief advisor/ agriculture extension (1)) have been dispatched.
- 2) Short-term experts: One short-term expert (farmers' group mobilization) has been dispatched.

(2) Provision of Equipments

Around 19.95million Japanese yen (12.47 million Nepalese rupees) has been expensed by the end of June 2006. Equipments provided are in good condition and fully utilized for Project activities.

(3) Training in Japan

- 1) Three trainees (Director General of DOA, Project Director, Joint Secretary of MOAC) were dispatched to short-term (2-3 weeks) training courses in Japan.
- 2) Eight trainees (Project Officer, Training Officer, Extension Officers, 5 SMSs) were dispatched to general (about 2 months) training courses on agriculture extension in Japan.

(4) Local Cost Expenditure

Around 12.5 million Japanese yen (7.81million Nepalese rupees) has been expensed by the end of June 2006.

3-1-2. Nepalese Side

(1) Appointment of Counterpart (C/P) Personnel

Project Director (concurrent with Regional Director), Project Officer (full time), Agricultural Extension Officer (concurrent with senior officer of Directorate of Agricultural Extension), Agricultural Training Officer (concurrent with senior officer of Directorate of Agricultural Training), and three support staff have been assigned as C/P personnel. In addition, DADO officers (SADOs and SMSs) in the target districts have been involved in the Project.

(2) Provision of Office Spaces and Facilities

Three office rooms have been provided to the Project in the Regional Directorate of Agriculture of the Central Development Region (Katmandu).

(3) Local Cost Expenditure

Around 6.47million Nepalese rupees has been expensed by July 2006 (including KR-II collateral fund).

3-2. Achievement of Activities

The Project consists of three major categories of activities: i) Agricultural Training; ii) Agricultural Extension; and iii) Coordinative activities of different service providers in agricultural development.

The activities which have been undertaken so far are summarized as follows:



3-2-1. Agricultural Training

(1) Training Needs Assessment

Training Needs Assessments for DADO officers and JT/JTAs were conducted in 2004. Based on their results, trainings were planned and undertaken.

(2) Training for DADO Officers

The following trainings were conducted:

	Training Courses	Date and Venue	Participants
1.	Officer Level Capacity Building Training on " Monitoring and Evaluation of Field Level Extension Activities"	14 – 16 February 2005 (3 days) Horticulture Training Centre, Kirtipur	20 Participants (Dhading -2, Makawanpur -4, Rasuwa -1, Nuwakot -3, Sindhupalchok -3, RDA Central Region -5, AED -1, ATEIP -1)
2.	Officer Level Capacity Building Training on " Farmers' Need Based Extension Planning"	26 – 30 December 2005 (5 days) Horticulture Training Centre, Kirtipur	17 Participants (Dhading -4, Makawanpur -3, Rasuwa -3, Nuwakot -1, Sindhupalchok -3, RDA Central Region -3)
3.	Human Skill Development Training for Officers	14 – 18 August 2006 (5 days) ATEIP Meeting Room	16 Participants (Makawanpur-2, Nuwakot-2, Sindhupalchok-3, Rasuwa-2, Dhading-2, Regional Agri Directorate-2, Directorate of Agri Training-2, ATEIP-1)

(3) Training for JT/JTAs

The following trainings were conducted:

	Training Courses	Date and Venue	Participants
1.	JT/JTA Level Capacity Building Training on "Farmers' Need Assessment"	1st batch: 6 – 10 Nov. 2004 2nd batch: 24 – 28 Feb. 2005 3rd batch: 29 May – 2 Jun. 2005 (5 days) Horticulture Training Centre, Kirtipur	98 Participants Dhading -26, Makawanpur -26, Rasuwa -8, Nuwakot -22, Sindhupalchok-16
2.	JT/JTA Level Capacity Building Training on " Farmers' Need Based Extension Planning"	1st batch: 8-12 March 2005 2nd batch: 8-12 May 2006 3rd Batch: 29 May – 2 Jun. 2006 (5 days) Horticulture Training Centre, Kirtipur	84 Participants Dhading -22, Makawanpur -20, Rasuwa -10, Nuwakot -20, Sindhupalchok-12

(4) T/D Farm Activities (refer to ANNEX 4)

Under the cooperation of farmers, the Project set Training and Demonstration (T/D) Farms with the main objective of improving practical skills and knowledge on farming for field level extension officers, namely the JT/JTAs. This activity also enhances SMS's management capabilities through providing practical technical advices and monitoring JT/JTA activities. Further, cooperating farmers also benefit from technical and financial assistance.

The following T/D farm activities have been completed so far:

Batch	District	Crop	Training Duration	JT/JTAs
1st	Dhading	Cauliflower	Oct. 2004 – Mar. 2005	1.Narendra Pratap Shah 2.Keshab Prashad Adhikari
	Makawanpur	Broccauli	Nov. 2004 – Apr. 2005	Ram Binod Singh
	Rasuwa	Cauliflower	Nov. 2004 – Apr. 2005	Dukhi Pd. Shah

	Sindhupalchok	Cauliflower	Oct.2004 – Apr. 2005	1.Pratima Neupane 2.Smita Bhandari
	Nuwakot	Potato	Nov. 2004 – Mar.2005	Hari Pd. Adhikari
2nd	Dhading	Cucumber	Feb. – May 2005	1.Keshab Pd. Ghimire 2.Rajendra Pd. Yadav
	Makawanpur	Tomato	Mar. - June 2005	1.Surendra Pd. Kurmi 2.Tapeswar Yadav 3.Bilat Sah
	Rasuwa	Paddy	May - Nov. 2005	Ram Bdr. Thapa
	Sindhupalchok	Long Bean	Mar.- July 2005	1. Dudh N. Pandey 2. Mashi Lal Sah
	Nuwakot	Cabbage	Mar. - June 2005	1.Som Raj Sendai 2.Tika Ram Baniya
3rd	Dhading	Potato	Sep. 2005 - Jan 2006	1.Damodar Ghimire 2.Rup Narayan Mahato
	Makawanpur	Cauliflower	Oct.2005 - Jan 2006	Guru Dayal Mandal
	Rasuwa	Wheat	Sep 2005 - Feb 2006	1.Kalikant Mishra 2.Rameswar L. Karna
	Sindhupalchok	Cauliflower	Sep.2005 – Jan. 2006	1.Chabi Lal Sharma 2.Dipak Giri
	Nuwakot	Cauliflower	Aug.2005 – Jan. 2006	1.Balhari Ghimire 2.Madhab Pd. Pandey
4th	Dhading	Long Bean	Apr. - Aug 2006	1.Govinda Khanal 2.Ram Hari Shrestha
	Makawanpur	Bitter Guard	Mar. - July 2006	1.Sanjaya Tiwari 2.Hedamba Raj Adhikari 3.Ram Pukar Sah
	Rasuwa	Potato	Mar. - July 2006	1.Chandra Bdr. Bhandari 2.Resham Raj Lamichane
	Sindhupalchok	Summer Potato	Mar. - July 2006	Parasu Ram Giri
	Nuwakot	Okra	Apr. - July 2006	1.Radhye Syam Barahi 2.Debendra L. Karna

3-2-2. Agricultural Extension

(1) T/D Farm Demonstration

After the completion of each T/D farm activity, a Field Day to demonstrate achievements were held by inviting surrounding farmers.

(2) E/M Farmer Activities (refer to ANNEX 4)

Extension Model (E/M) Farmers are selected as a model for improving farm management and cultivation skills by utilizing the JT/JTA's knowledge, skills and experiences acquired through T/D Farm activities. The Farmers will also act as a core for extension activities within the village. 19 farmers in total (4 in Nuwakot, 4 in Makawanpur, 3 in Rasuwa, 4 in Dhading, 4 in Sindhupalchok) have been selected as of September 2006, but actual activities have not started yet.

The guideline on E/M farmer activities was revised in August 2006 to stipulate that the cooperative farmers who offered their plots for T/D Farm Activities will concomitantly become E/M Farmers. It also adjusted the number of E/M Farmers from one in each ward to one in each VDC.

(3) ADC Activities (refer to ANNEX 4)

The Project has established five (one for each district) Agriculture Development Committees (ADCs) to compile and address the needs from the farmers to various service providers so far. Two workshops have been organized for these ADCs (November 2005: how to fill in needs assessment format; and June

2006: plan preparation).

3-2-3. Coordinative Activities of Different Service Providers in Agricultural Development

Awareness workshops were held at both central and respective districts in January 2004, to introduce project activities to government departments, directorates, and NGOs concerned. Since DADO is a member of DADC (District Agriculture Development Committee), coordination with other line agencies at district level is done to some extent through this Committee. However, the Project has not undertaken any activities except the above workshops, in order to promote coordination and collaboration with other stakeholders.

3-3. Implementation Procedure

(1) Communication and Information Sharing

It was agreed that detailed activities from the second to fifth year of the Project would be decided through first year activities in the form of the Plan of Operations (PO). Although the PO from January 2004 to July 2005 with rough schedule was submitted by Japanese Experts to JICA, there seems little evidence that such information have been shared with C/P staff. As this incident shows, it seems that communication and information sharing between the Japanese Experts and C/P staff were not so smooth. For instances, it was heard that C/P staff felt difficulty to implement the Project without any shared goal, detailed project activities and their schedules. They also faced difficulties in preparing budget requests for government without such basis.

Status of such communication and information sharing between both parties has been improved and is expected to be further improved due to following reasons:

- Having knowledge and experiences with Nepal was considered for selection of new experts
- Agreement was made that the two C/P staff of Agricultural Extension Officer and Agricultural Training Officer would attend the Project Office certain hours at least twice a week
- The office of Regional Directorate of Agriculture of the Central Development Region headed by a Regional Director (Project Director) would be transferred to Katmandu in the near future

In June 2006, a Work Plan was prepared jointly by Japanese Experts and C/P staff, based on reviewing the project activities undertaken so far and the PDM. It seems that the ownership of the C/P staff toward the Project have been enhanced through this joint work.

(2) Monitoring System

Reports on respective project activities are prepared after their completion. Respective DADOs prepare monthly progress reports and submit them to the Project Office, which compiles them. Therefore, it could be said that a monitoring system for the Project has been established to some extent. However, it is necessary to reexamine the reporting format to comprehend current project activities. A system to follow-up on project activities seems not to have been fully established but follow-up for respective activities are carried out on an ad hoc basis. Further, there are some linkage between the monitoring system of the Project and that of the DOA and MOAC, but it needs strengthening so that the project activities and achievements become recognized and reflected into other programs of the Nepalese government.

On a project steering basis, as agreed in the R/D, the Joint Coordination Committee (JCC) was supposed to have monitoring functions for the Project, holding its meeting at least once a year to prepare an



annual program, review project progress, and exchange ideas on project related issues. Nonetheless, the JCC meeting was held only once in December 2005.

4. RESULTS OF THE EVALUATION

Among the five criteria set out for the project evaluation, the Joint Evaluation Committee focused on Relevance and Efficiency of the Project since it is still mid-term of the Project. The other three criteria were referred as well though to a lesser extent.

4-1. Relevance

(1) Relevance to Nepalese Development Policy and Plans

“*Agricultural Perspective Plan (APP, 1995-2015)*”, “*10th Plan (2002-2007)*”, and “*National Agriculture Policy 2004*” aim to i) accelerate growth of agriculture sector through increased productivity; ii) alleviate poverty through growth and increased employment; and iii) diversify horticulture crops through introduction of high value added crops. As a mean of realizing these aims, establishment of agriculture technology responsive to farmers’ needs and its effective extension are proposed. In addition, “*National Agriculture Extension Strategy*”, which will be approved soon, aims to promote efficient agriculture extension service with enhancing capabilities of local organizations and strengthening bottom-up approaches. Consequently, the Project, which aims to improve agricultural service delivery system through training and extension and includes formation and strengthening of Agricultural Development Committee (ADC), is relevant to these plans and strategies.

(2) Relevance to Japanese ODA Policy

JICA Country Program for Nepal (FY 2003) raises “enhancement of people’s standard of living through increase in agriculture production and income” as one of its five priority fields. Improvement of extension service system for increase in agriculture production is highly considered in this Program. The Project is relevant to this JICA Program which reflects the Japanese ODA policy.

(3) Relevance to Needs in the Target Areas

It was reasonable to select target five districts, considering the accessibility from the Regional Directorate of Agriculture of the Central Development Region located in Katmandu, in addition to security reasons.

The needs for an improvement in agriculture service delivery system continues to be high from beginning of the Project and still viable since more than 90% of the population in the districts are agricultural households.

At the same time, Agriculture Service Sub-Centers (ASSCs) were closed and consequently decreasing the number of JT/JTAs in all, due to Nepalese Government restructuring. Hence, actual project activities are concentrated in the areas relatively accessible from DADOs and Agriculture Service Centers (ASCs). From these reasons, enhancing the capabilities of respective JT/JTAs for effective/efficient extension activities are required more than ever.

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4-2. Efficiency

4-2-1. Efficiency of Inputs

(1) Inputs of Japanese Side

1) Japanese Experts

For first two years of the Project, three long-term experts and one short-term expert were dispatched as scheduled. From its third year of 2006, the number of long-term experts was decreased from three to two. Due to delay in the selection process and insurgency in Nepal, the dispatch of the present Chief Advisor was delayed by six months. The present Chief Advisor works on intermittent basis. So far, specific problems have not been observed from the six month absence of a Chief Advisor and the new assignment style. Then again it cannot be said that two long-term experts are sufficient for this Project, thus dispatch of additional short-term experts should be examined in accordance with necessity to supplement the two long-term experts.

2) Equipments

Equipments provided such as vehicles, motorbikes, bicycles, computers, printers, digital cameras, fax machines, etc. are fully utilized for Project activities leading to full sufficiency.

3) C/P Training in Japan

Three trainees were dispatched to short-term (2-3 weeks) training courses and eight trainees were dispatched to general (about 2 months) training courses on agriculture extension, covering all major C/Ps. The trainings they participated are of agricultural extension and what they learned from the trainings were utilized (or will be utilized) for their works for the Project (based on hearing from trainees), thus, efficiency is high.

(2) Inputs of Nepalese Side

1) Assignment of C/P

The fact that the Agricultural Extension Officer and the Agricultural Training Officer are not full time staff has advantages that the project activities could be spread to regular training and extension activities conducted by the Directorates they belong to. However, it cannot be said that they have been fully dealt with the work which they should do for the Project with timely manner, since they have to deal with their works as officers of Directorates. Considering the increase in project activities, a system that can fully deal with project works in timely manner should be established.

4-2-2. Efficiency of Activities

(1) Agricultural Training

1) Training for DADO officers

Almost all DADO officers participated in the trainings conducted and further trainings are planned to be provided. Therefore, it could be said that the quantity of the trainings is sufficient. According to a questionnaire survey to DADO officers, nearly all participants of the trainings answered that their needs were fulfilled by the trainings, were satisfied with, and learned something new from them. In this regard, the quality of the trainings could be thought to be also sufficient. On the other hand, given that DADO officers are expected to provide proper guidance to JT/JTAs and farmers by utilizing knowledge and skills acquired from the trainings, trainings for DADO officers should have been conducted in a more concentrated manner prior to trainings for JT/JTAs (T/D farm activities).



2) Training for JT/JTAs

Almost all JT/JTAs participated in the trainings conducted and further trainings are planned to be provided. Therefore, it could be said that the quantity of the trainings is sufficient. According to a questionnaire survey to JT/JTAs, all participants for the trainings replied that their needs were fulfilled by the trainings, were satisfied with, and learned something new from them. In this regard, the quality of the trainings could be thought to be sufficient. Again, since JT/JTAs are expected to provide proper guidance to farmers by utilizing the knowledge and skills acquired from the trainings, trainings such as "Farm Management Training" should have been conducted prior to the formation of ADCs.

(2) Agricultural Extension

1) T/D Farm Activities

36 JT/JTAs completed T/D farm activities and further T/D farms are planned to be established. Therefore, it could be said that the quantity of the trainings is sufficient. According to a questionnaire survey on JT/JTAs, nearly all participants for T/D farm activities replied that their needs were fulfilled, were satisfied with the content, learned something new from the trainings. Also, they received appropriate guidance from DADO officers. In regard, the quality of the trainings could be thought to be sufficient. However, some misunderstanding on the objective and confusion in their operations was heard from some JT/JTAs.

2) E/M Farmer Activities

It is a fact that this activity has delayed compared to initial planning, since despite having selected 19 farmers already, actual activities have not started. But it is speculated that the activity will pick up since the E/M Farmer guideline was revised as to basically making the cooperative farmers in the T/D farm activities as E/M farmers for higher efficiency. Furthermore, the targeted number of E/M Farmers has been sized down from nine to one in each VDC to suite the current physical capacity of JT/JTAs.

3) ADC Activities

One ADC per district (five ADCs in total) has been organized so far and activities have just started. Workshops on application of projects and plan preparation have been conducted so far, resulting in rather slow but mediate sufficiency.

(3) Coordination Among Different Service Providers

The Project has undertaken almost no activities for promoting coordination and collaboration with other stakeholders. Only awareness workshops held at both central and respective districts to introduce project activities to government departments, directorates, and NGOs concerned and some DADOs have collaborative activities with local NGOs. Consequently, it can be said that the activities are insufficient at this point.

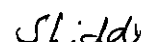
4-3. Effectiveness

4-3-1. Achievement of Outputs

(1) Output 1: Practical training is imparted to extension workers and farmers

This output consists of training to extension personnel (DADO Officers and JT/JTAs), on-the-job training for JT/JTAs through T/D Farm activity, and actual training for farmers.

First, trainings provided for DADO officers, who are responsible in providing guidance to JT/JTAs, have proved successful. According to a questionnaire survey to them, nearly all respondents replied that skills



and knowledge acquired from trainings have been utilized for their work, their technical capabilities have been improved and the quality of their services towards JT/JTAs have been improved.

Secondly, several practical trainings including T/D farm activities have been provided for JT/JTAs. According to a questionnaire survey on JT/JTAs, nearly all respondents replied that skills and knowledge acquired from trainings were utilized for their extension work and their technical capabilities and quality of their extension services improved.

In this regard, it could be said that this output has been achieved to some extent, and is anticipated for a high degree of achievement by further project activities.

Yet, some inputs through E/M Farmer and ADC activities is expected to contribute to this output as well, and a concentrated number of T/D Farm activities will need to be conducted to cover all JT/JTAs and fully achieve this output.

(2) Output 2: Farmers' need-based extension services are delivered

Very little has been achieved for this output since actual guidance and extension for farmers has just started through ADC activities. However, it is expected that this output will be achieved by further project inputs regarding E/M Farmer activities and ADC activities and provision of extension services by JT/JTAs with improved capabilities, considering the fact that a basis for implementing these activities has been already created.

Further, some positive by-effects were observed from T/D farm activities. It was heard from farmers that they have learned from these activities, implying that some extension services have been delivered through T/D farm activities.

(3) Output 3: Activities of different service providers in agriculture development are coordinated and facilitated

Though there has been only minimal coordination so far, it could be expected that coordination and collaboration with other stakeholders would be promoted to some extent, through planned district level coordination/monitoring workshops, public relation activities, and ADC activities.

4-3-2. Achievement of Project Purpose

While we cannot evaluate the achievement of the project purpose, since outputs have only been partially achieved at this point, it is projected that the Project Purpose will be achieved through high degree of achievement of outputs.


4-4. Impact

4-4-1. Technical Impact

Although we cannot evaluate the technical impact of the Project as of now, it is expected that farmers' farming technique would improve and agricultural production would increase through an improved agricultural service delivery system.

4-4-2. Organizational and Institutional Impact

The Project's coordination activities have the potential to impact improvement on overall coordination/mutual collaboration among different service providers at the district level. So far, there has been only minimal coordination. However, it is expected that coordination and collaboration with



other stakeholders would be promoted at the district level through planned district coordination/monitoring workshops and public relation activities.

Also, it is anticipated that the improved system developed by the Project would be reflected into regular extension services by DOA, judging from the fact that C/P staff have acquired capabilities and several Nepalese government authorities recognize the importance of the Project activities.

4-4-3. Achievement of Overall Goal

The overall goal was revised in the course of this evaluation (refer to next section “4-6 Modification of PDM”). This will be evaluated at the time of the final evaluation.

4-5. Sustainability

4-5-1. Policy Support

Support from Nepalese government for such activities as undertaken by the Project are highly expected to continue since the “*National Agriculture Extension Strategy*” will be approved soon and several concerned authorities of MOAC and DOA support the training and extension approaches adopted by the Project.

4-5-2. Capacities of C/P

Since C/P staff seems to have acquired capabilities of operation, management and monitoring of the Project, it is highly expected that they could run a similar type of activities by themselves.

4-5-3. Financial Aspect

Regarding the Nepalese side budget allocation for the Project, budgets on project activities can be covered as long as they are included in the Annual Plan. Actually, some project expenses which were covered by the Project (Japanese side) at the beginning have gradually shifted to the Nepalese government. It could be said that financial sustainability is ensured with a certain degree within the Project period.

As far as financial sustainability after the project completion, it is anticipated that the project activities will be replicated to other areas with financial supports from Nepalese government, judging from the fact that several Nepalese government authorities recognize the importance of the model adopted in the Project.

4-6. Revision of the PDM

It was initially agreed that detailed activities from the second to fifth year of the Project would be decided through the first year activities in the form of the Plan of Operations (PO). Therefore, only tentative and no quantitative indicators were set in the original PDM.

The narrative summary of the PDM was reinterpreted and agreed by both Nepalese and Japanese sides in July 2006 (refer to ANNEX 1). Here, the Project also reviewed its schedule and set a Work Plan for its remaining period. However, revision was not made for the “Activities” and quantitative targets were not examined at the time.

Considering the above, the Committee reviewed the PDM and further revised descriptions on the “Activities”, “Project Purpose”, and “Overall Goal” as follows:



(1) Activities

Description on "Activities" were revised in accordance with those in the Work Plan within the MOU agreed in July 2006 (refer to ANNEX 1).

(2) Project Purpose

What can be delivered through training and extension is not only technology but also other knowledge and information, therefore, the description on "Project Purpose" was slightly changed as follows:

Original: Agriculture technology delivery system is improved through training and extension. (Delivery system involves group organization, facilitation, M & E, documentation, coordination, etc.)

Revised: Agriculture service delivery system is improved in the Project districts through training and extension. (Delivery system involves agriculture technology, group organization, facilitation, M & E, documentation, coordination, etc.)

(3) Overall Goal

The logical framework of the PDM was re-examined, concluding that the original Overall Goal would be achieved within the Project. Rather, a subsequent stage would be appropriate to define an Overall Goal. A subsequent stage of "adoption of improved farming technology" would be "improvement of farmers' farming activities". Likewise, a subsequent stage of system establishment and improvement, which is its replicability, was added.

Original: Adoption of improved farming technology by the farmers will be increased in the Project districts

Revised: 1) Farmers' farming activities are improved in the Project districts.

2) Improved agriculture service delivery system is replicated to other areas inside and outside the Project districts.

(4) Verifiable Indicators

Considering the activities undertaken so far and their achievements as well as planned activities and their expected outputs and effects, which were reviewed and examined through this mid-term evaluation, quantitative indicators were jointly set by the Project and the Committee (refer to ANNEX 2). These indicators will be utilized for verifying the achievement of Outputs, Project Purpose, and Overall Goal at the final evaluation to be held around the middle of 2008.

(5) Important Assumption

Together with the modification of the Narrative Summary of PDM, the Important Assumption was also clarified (refer to ANNEX 2)



5. CONCLUSIONS

Since the project commencement in January 2004, the Project has focused on implementing capacity building of extension related personnel through a series of training workshops and on-the-job training at the field level. This has resulted in some amount of accomplishment in improving agricultural extension services. Notably, a linkage between the farmers and extension personnel has developed.

It is also a fact that some activities are just beginning due to some difficulties that was faced during the first half period, such as security reasons and a lack of common understanding on the Project between the parties involved. However, experience on the implementation process has helped identify and adjust project activities.

It can also be said that a foundation or a system on implementing and advancing towards the Project goal has been created.

Recommendations for a more efficient and effective implementation in the remaining project period, as well as measures to ensure the sustainability of project achievements will be emphasized in the following chapter.

6. RECOMMENDATIONS

Following are recommendations for the efficient implementation and sustainability of the Project;

(1) Project Personnel

1) Japanese Experts

Although there are no specific difficulties concerning the current arrangement of Japanese Experts, the possibility of additional short-term experts should be examined. In selection of such experts, background knowledge on Nepal's agriculture and/or rural development and the command of the Nepali language is desirable.

2) Nepalese Counterparts

Considering the fact that the volume of project activities may increase in the latter half of the Project and also the physical distance of the fields, it is necessary to establish a system within the Department of Agriculture (DOA) to correspond to Project activities in an institutional way.

(2) Budgetary Arrangements

It is essential that the Nepalese Government allocates more budget from the general account in order to enhance (and sustain) the Project achievements within the Nepalese agriculture extension system.

(3) Strengthening the Existing DADO Extension System

1) Motivation of Field Officers

Several reports, discussions and observations pointed out that some JT/JTAs are less motivated towards



project activities and extension services in general, due to lack of incentives. Therefore, a system to monitor and evaluate JT/JTA activities in a fairly and regularly manner to reward their efforts is necessary. Furthermore, there should be provision for TA/DA (Travel and Daily Allowances) for field level staff during the field level activities.

2) Institutional Capacity Building

It is strongly recommended for DADOs to build a system for institutional memory regarding extension activities. The accumulation and sharing of experiences and knowledge of individual JT/JTAs can be the key to discovering trends and universal solutions. Therefore, the DADOs should facilitate: (i) exchanging and sharing of information between JT/JTAs, and (ii) a way to pass down experiences of senior JT/JTAs to relatively new JT/JTAs.

3) Coordination within DADO

In relation, stronger coordination and consultation between JT/JTAs and SMSs is necessary as to institutionalizing Project achievements. SMSs should also recognize the need for listening to field staff and strongly provide them the technical and planning/monitoring feedback.

(4) Enhancement of Capabilities on Farm Management

The T/D Farm Activities has resulted successfully as a chance for JT/JTAs to learn and strengthen their practical farming knowledge and skills through the collaboration with and learning from farmers. It is highly recommended for the JT/JTAs to continue this positive attitude of learning from farmers (even in the next stage of E/M Farmer Activities and regular extension activities).

Further, the target area lacks SMSs specialized on farm management to provide technical backstopping to JT/JTAs. Therefore, it is recommended that knowledge and skills of JT/JTAs through trainings be enhanced on farm management with focus on linking production with the market, in order to guide farmers from a broader perspective.

(5) Collaboration and Coordination

Coordination at district level should have reflection on collaboration at the field level, such as development of functional linkage between farmers and other service providing agencies (irrigation, credit, improved seeds, fertilizers, pesticides, agriculture road, electricity, trades, etc.).



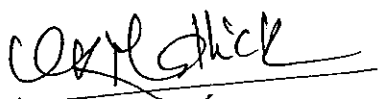
Memorandum of Understanding (MOU) between the Project Director and the Chief Advisor of ATEIP

In accordance with the Record of Discussion on Japanese Technical Cooperation for Agricultural Training and Extension Improvement Project (hereafter referred to as "ATEIP") signed in Kathmandu on 20th November 2003, Nepalese Project Implementation Team of ATEIP and Advisory Team of Japan International Cooperation Agency for ATEIP had the series of meeting from 15th to 28th on the work-plan of ATEIP.

As the result of the discussion, both sides agreed to confirm the issue described in the attached document for smooth implementation of ATEIP. Both sides endorse that the agreed work-plan will be presented to the coming JCC meeting for formal approval.

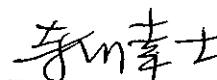
Attached documents:

- 1) Understanding of PDM
- 2) Draft work plan 2006/7 , 2007/8 and 2008/9
- 3) Budget plan of JICA's for ATEIP
- 4) Budget plan of KR-2 fund from Nepali side



Mr. Vijoy Kumar Mallick
Project Director for ATEIP
Central Regional Directorate of Agriculture

DATE: 5 July 2006

Mr. Koji Terakawa
Chief Advisor for ATEIP,
JICA

DATE: 5 July 2006



Understanding of PDM

The discussion, held on 15 Jun., 2006, is reflected as follows in the PDM.
(The parts underlined are changed or added to the original PDM.)

Project Name: Agricultural Training and Extension Improvement
Project in the Kingdom of Nepal
Project Period: 5 years starting from 2004
Project Areas: 5 districts (Sindhupalchowk, Makwanpur, Nuwakot,
Dhadhing, Rasuwa) in Central Development Region
Target Group: Extension personnel directly and Farmers indirectly in
the Project districts

Narrative Summary of PDM

<i>Original PDM</i>	<i>Interpretation by the project</i>
20 Nov., 2003	15 June, 2006
Super Goal	
Farmers' livelihood is improved in the Project districts.	<u>Farmers' livelihood is improved.</u>
Overall Goal	
Adoption of improved farming technology by the farmers is increased in the Project districts.	Same as left
Project Purpose	
Agriculture training and extension are improved to deliver services that are responsive to farmers' needs in the Project districts.	<u>Agriculture technology delivery system is improved through training and extension.</u> (<u>Delivery system involves group organization, facilitation, M & E, documentation, coordination, etc.</u>)
Output	
1. Practical training is imparted to extension workers and farmers	1. Same as left
2. Farmers' need-based extension services are delivered	2. Same as left
3. Activities of different service providers in agricultural training and extension are coordinated.	3. Activities of different service providers in <u>agriculture development</u> are <u>coordinated / facilitated.</u>

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Work Plan of ATEP (Agricultural Training and Extension Improvement Project)

2006/7/4

This Work-plan is revised by a series of internal meetings in June and July 2006

	Activities	Outputs (reports)	Person in charge*	2004 and 2005	2006 (Japanese Fiscal year)				2007 (Japanese Fiscal year)				2008 (Japanese Fiscal year)				Budget		Remarks
					4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	4-5-6	7-8-9	10-11-12	1-2-3	Japanese size	Nepalese size	
1	Agricultural Training																		
1.1	Conduct Training Needs Assessment			Done in 2004															
1.2	Conduct practical training for DADO officers																		
1.2.1	Monitoring & Evaluation Training (central)	Training report		Done in 2005															
1.2.2	Extension Planning Training (central)	Training report		Done in 2005															
1.2.3	Farm management training (central)	Training report	PC/TE TC/P															5-day training (max)	
1.2.4	Human Skill Training (central)	Training reports	PC/TE TC/P			Part I				Part II								Group management, proposal writing, communication skill, social gender issue, etc. are included for both training	
1.2.5	Monitoring & Evaluation	Quarterly reports	PC/TE TC/P																
1.3	Conduct practical training for JT/JTAs																		
1.3.1	Farmers' Needs Assessment Training (Central)	Training reports		Done in 2005															
1.3.2	Extension Planning training (Local)	Training reports		Done in 2005															
1.3.3	Farm management training (central)	Training report	PC/TE TC/P															5-day training	
1.3.4	Human Skill Training (central)	Training reports	PC/TE TC/P			Part I				Part II								Same as 1.2.4	
1.3.5	T/D Farm Training																	Implement by KR-2 fund for year 2007 and 2008	
	1) Farming Technical Skill		SMS, JT/JTA																
	2) Information sharing among SMS/JT/JTAs		SMS, JT/JTA																
	3) Dissemination workshop		PO, CA, PO															Half-day central level workshop	
1.3.6	Study tour (India)		PO, PC/TE																
1.3.7	Monitoring & Evaluation	M&E reports	PO, PC/TE																
1.4	Conduct practical training for Farmers																		
1.4.1	Farmers' Human Skill Training (Local)	Training reports	PC/TE TC/P			Human skill I				Human skill II								3 VDC (3 days each)*5 Dist.=15 times	
2	Agricultural Extension																		
2.1	Assess farmers' needs			Done in 2004															T/D farm needs survey
2.2	T/D Farm Demonstration																		Implement by KR-2 fund for year 2007 and 2008
2.2.1	To prepare training plans for trainee JT/JTAs	Training contents	SMS																3 T/D farm in year 2006/07
2.2.2	To prepare program including visits, interaction, discussion, and field day	Training contents	SMS, JT/JTA																
2.2.3	To prepare reports recording the T/D Farm activities	Activities reports	SMS, JT/JTA																
2.2.4	Monitoring & Evaluation	M & E reports	ADO/SMS, PO, ECP																
2.3	Extension/Model (E/M) Farmer Activities																		3 E/M farmers are selected in 2005
2.3.1	Selection of E/M farmer		ADO/SMS, JT/JTA																
2.3.2	To grasp cultivation practices and farm management of E/M farmer and give advice for improvement		JT/JTA																
2.3.3	To conduct field guidance for improving skills of cultivation and farm management of E/M farmer		JT/JTA																
2.3.4	Monitoring & Evaluation	M&E reports	CA/EE, ECP																
2.4	Prepare participatory agricultural plan on priority items through ADC activities																		done in the 1st 5 ADCs in 2005
2.4.1	To survey and summarize an agricultural situation of the ADC village		ADO/SMS, JT/JTA, ADC	the first ADC done															will establish 3 ADCs in 2006 and a few in 2007
2.4.2	To have ADC members utilize agricultural extension services adopted in T/D farm and E/M farmer activities effectively		ADO/SMS, JT/JTA																Events would include field day of T/D farm, etc. Duration and time will be flexible
2.4.3	To have ADC members plan agricultural development projects by preparing comprehensive project proposal to related agencies for funding partnership		ADO/SMS, JT/JTA																Duration of ADC activities shall be minimum Two years for each ADC.
2.4.4	To organize necessary training jointly with DADO		ADO/SMS, JT/JTA, ADC																Training shall be conducted according to ADCs' plan
2.4.5	Monitoring & Evaluation	M&E reports	ADO/SMS, CA/EE, ECP																
3	Coordinative activities of different services providers in agricultural development																		
3.1	Coordinate the Project activities in line with the Nepal's development plan at central and district level			Done in 2004															
3.2	Involve key stakeholders (Donors, NGOs, CBOs) in district level meeting for planning and monitoring																		
3.2.1	Project awareness workshop for planning			Done in 2004															
3.2.2	To organize District-level coordination/monitoring workshop		ADO, FD																inv. the line agencies
3.3	System dissemination																		
3.3.1	Publicity (Newsletter etc.)		PO																"Bulletin" published quarterly
3.3.2	Dissemination workshop		PO, CA/EE, PO, PC/TE																Central level workshop

* PO - Project Officer
 CA/EE - Chief Advisor/Extension Expert
 TC/P - Training Counterpart
 PC/TE - Project Coordinator/Training Expert
 EC/P - Extension Counterpart
 ADO - Agriculture Development Officer
 SMS - Subject Matter Specialist
 JT/JTA - Jun-ior Technician/Junior Technical Assistant
 ADC - Agriculture Development Committee

ATEIP Budget

A. Nepal side

(Rs.000)

	FY 2003/04* (only HQs)	FY 2004/05	FY 2005/06	FY 2006/07 Proposed
1) Consumable budget	500	300	380	400
2) Office maintenance budget	825	1,564	1,160	800
3) Regular budget	675	1,425	1,434	1,838
Total	2,000	3,289	2,974	3,038
Budget released	1,249	2,774	2,450 (till April)	-
Expenditure	1,171	2,744	2,357 (till April)	-

*The Nepalese fiscal year starts from 16 July and end 15 July next year.

B. JICA side

(Rs.000)

	Before inception*	Year 2004**	Year 2005	Year 2006
A) Activities	1,055***	1,895	2,550	4,520
B) Administration		813	1,093	2,548
C) Equipments	8,159	3,282	1,029	1,616
Total	9,214	5,990	4,671	8,684

*inception is January 2004

**The Japanese fiscal year starts from 1 April and ends in 31 March. But Year 2004 means the fiscal year which is from April 2004 to March 2005 plus the period from its inception to March 2004.

***The exchange rate used is Rs.1=Yen1.6.

C. Projection for 5-year project period

(Rs.000)

ATEIP project	Before inception	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
Nepalese FY	FY2003/04	FY2004/05	FY2005/06	FY2006/07	FY2007/08	FY2008/09	
Nepal budget	2,000	3,289	2,974	3,038	3,750	5,000	20,051
JICA budget	9,214	5,990	4,671	8,684	6,250	5,000	39,809
Total	11,214	9,279	7,645	11,722	10,000	10,000	59,860

Budget Plan of KR-2 fund of the Program for F.Y. 2006/2007

Office: - CAD

S.N	Activities	Target	Fuel	Program	Total
1	Officer level capacity building training (1 week)	1(15)	40	60	100
2	JT/JTAs capacity building training (1 week)	3(80)	30	140	170
3	Monitoring and supervision of district programs	15	40	170	210
4	Bulletin (publication)	3(750)		30	30
Sub-total			110	400	510
5	Office expenses (except program budget)				800
Total					1310

Proposed Program for F.Y. 2006/2007

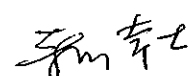
Office: - DADO, Shindhupalchowk

S. N	Activities	Target	Training expenses	Program expenses	Program visit expenses	Total
1	Officer level capacity building training (1 week)	3			12	12
2	JT/JTA level capacity building training (1 week)	11			34	34
3	Establishment of Training & Demonstration farm	3		12		12
4	Establishment & implementation of ADC	3		12		12
5	Farmers training (ADC members) (3 days)	3(75)	27	40		67
6	Establishment of Extension Model farmers (EM/F)	3		12		12
7	Demonstration on farm management in E/M farm	3		2.1		2.1
8	Demonstration in ADC areas	6		4.2		4.2
9	Farmers workshop (ADC members)	9(225)		7.5		7.5
10	Field day in Training & Demonstration farm	6		10.2		10.2
11	Monitoring and supervision	6			33	33
Sub-total			27	100	79	206
12	Office expenses (except program budget)					124
Total						330

Office: - DADO, Makwanpur

S.N.	Activities	Target	Training expenses	Program expenses	Program visit expenses	Total
1	Officer level capacity building training (1 week)	3			12	12
2	JT/JTA level capacity building training (1 week)	19			59	59
3	Establishment of Training & Demonstration farm	3		12		12
4	Establishment & implementation of ADC	3		12		12
5	Farmers training (ADC members) (3 days)	3(75)	27	40		67
6	Establishment of Extension Model farmers (EM/F)	3		12		12
7	Demonstration on farm management in E/M farm	3		2.1		2.1
8	Demonstration in ADC areas	6		4.2		4.2
9	Farmers workshop (ADC members)	9(225)		7.5		7.5
10	Field day in Training & Demonstration farm	6		10.2		10.2
11	Monitoring and supervision	6			33	33
Sub-total			27	100	79	231
12	Office expenses (except program budget)					124
Total						355



Office: - DADO, Dhading

S.N.	Activities	Target	Training expenses	Program expenses	Program visit expenses	Total
1	Officer level capacity building training (1 week)	3			12	12
2	JT/JTA level capacity building training (1 week)	21			65	65
3	Establishment of Training & Demonstration farm	3		12		12
4	Establishment & implementation of ADC	3		12		12
5	Farmers training (ADC members) (3 days)	3(75)	27	40		67
6	Establishment of Extension Model farmers (EM/F)	3		12		12
7	Demonstration on farm management & in E/M farm	3		2.1		2.1
8	Demonstration in ADC areas	6		4.2		4.2
9	Farmers workshop (ADC members)	9(225)		7.5		7.5
10	Field day in Training & Demonstration farm	6		10.2		10.2
11	Monitoring and supervision	6			33	33
Sub-total				27	100	79
12	Office expenses (except program budget)					124
Total						361

Office: - DADO, Nuwakot

S.N.	Activities	Target	Training expenses	Program expenses	Program visit expenses	Total
1	Officer level capacity building training (1 week)	3			12	12
2	JT/JTA level capacity building training (1 week)	20			65	65
3	Establishment of Training & Demonstration farm	3		12		12
4	Establishment & implementation of ADC	3		12		12
5	Farmers training (ADC members) (3 days)	3(75)	27	40		67
6	Establishment on Extension Model farmers (EM/F)	3		12		12
7	Demonstration on farm management in E/M farm	3		2.1		2.1
8	Demonstration in ADC areas	6		4.2		4.2
9	Farmers workshop (ADC members)	9(225)		7.5		7.5
10	Field day in Training & Demonstration farm	6		10.2		10.2
11	Monitoring and supervision	6			33	33
Sub-total				27	100	79
12	Office expenses (except program budget)					124
Total						361

Wardhok

Shiddi

Shiddi

Shiddi

Office: - DADO, Rasuwa

S.N.	Activities	Target	Training expenses	Program expenses	Program visit expenses	Total
1	Officer level capacity building training (1 week)	3			12	12
2	JT/JTA level capacity building training (1 week)	9			25	25
3	Establishment of Training & Demonstration farm	3		12		12
4	Establishment & implementation of ADC	3		12		12
5	Farmers training (ADC members) (3 days)	3(75)	27	40		67
6	Establishment of Extension Model farmers (EM/F)	3		12		12
7	Demonstration on farm management in E/M farm	3		2.1		2.1
8	Demonstration in ADC areas	6		4.2		4.2
9	Farmers workshop (ADC members)	9(225)		7.5		7.5
10	Field day in Training & Demonstration farm	6		10.2		10.2
11	Monitoring and supervision	6			33	33
Sub-total				27	100	79
12	Office expenses (except program budget)					124
Total						321

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Project name: Agricultural Training and Extension Improvement Project in the Kingdom of Nepal
Project period: For 5 years starting from 2004
Project area: 5 Districts (Sindhupalchok, Makwanpur, Nuwakot, Dhading, Rasuwa) in Central Development Region
Version 2
Target group: Extension personnel and Farmers in the Project Districts
Date: 25 September, 2006

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
<p>Super Goal Farmers' livelihood is improved.</p>			
<p>Overall Goal 1. Farmers' farming activities are improved in the Project districts. 2. Improved agriculture service delivery system is replicated to other areas inside and outside the Project districts.</p>	<ul style="list-style-type: none"> - 60 % of the farmers, able to access to Project activities(*1), agree that their farming activities have been improved. - Agricultural productivity of farmers in target 5 districts have been enhanced. - Nepalese government allocate program budgets to promote replicating this system. 	<ul style="list-style-type: none"> - Farmers' sample survey(*2) - Reports prepared by the Project - Statistic data - Nepalese government program budget - Progress reports of DADO - Information from DOA - Farmers' sample survey(*2) 	<ul style="list-style-type: none"> - Inputs and other complementary support services are available
<p>Project Purpose Agriculture service delivery system is improved in the Project districts through training and extension. (Delivery system involves agriculture technology, group organization, facilitation, M & E, documentation, coordination, etc.)</p>	<ul style="list-style-type: none"> - 70 % of the farmers, able to access to Project activities(*1), are satisfied with training and extension services provided. - 70 % of the farmers, able to access to Project activities(*1), agree that training and extension services provided have been improved. 		<ul style="list-style-type: none"> 1. There is no drastic change in markets of agricultural inputs (seeds and chemicals) and products. 2. Program budget of Nepalese government for agricultural extension is not reduced.
<p>Outputs 1. Practical training is imparted to extension workers and farmers.</p>	<ul style="list-style-type: none"> - All DADO officers in the target 5 districts participate in the training courses by the Project. - 80 % of DADO officers, who received trainings from the Project, agree that their capabilities on planning, providing guidance to JT/JTAs, managing/monitoring have been improved. - All JT/JTAs(*3) in the target 5 districts participate in training courses by the Project. - All JT/JTAs(*3) in the target 5 districts participate in T/D farm activities. - 80 % of JT/JTAs, who received trainings from the Project, agree that their capabilities (technical and human skill) have been improved. 	<ul style="list-style-type: none"> - Reports/records on respective training courses - Progress reports of DADO - Progress reports on T/D farm activities - Questionnaire survey for DADO officers - Questionnaire survey for JT/JTAs 	<ul style="list-style-type: none"> - Number of JT/JTAs in the Project districts is not reduced. - Expenses for JT/JTAs extension activities are ensured.

Note:

*1: "Farmers able to access to Project activities" means those living in the area within about one-hour walk from either ASCs or project activities sites such as T/D Farms.

*2: Sample should be selected from farmers able to access to Project activities (refer to *1).

*3: Those who are working in ASC, not in DADO.




<p>2. Farmers' need-based extension services are delivered.</p>	<p>- 70 % of JT/JTAs, who received trainings from the Project, agree that extension services provided by them to farmers have been improved. - About 45 farmers will become E/M farmers. - 80 % of E/M farmers agree that they receive practical guidance from JT/JTAs. - About 200 farmers visit each E/M farmer a year. - 80 % of farmers, able to access to Project activities(*1), agree that capabilities of JT/JTAs have improved. - About 35 ADCs are organized. - 80 % of ADCs prepare and apply the project proposal for concerned agencies.</p>	<p>- Questionnaire survey for JT/JTAs - Progress reports of DADO - Progress reports on T/D farm activities - Progress reports on E/M farmer activities - Questionnaire survey for E/M farmers - Records of E/M farmers - Farmers' sample survey(*2) - Survey on ADC</p>	<p>- Records on district level coordination/monitoring meetings. - Survey on ADC - List of stakeholders whom publications are distributed to</p>
<p>3. Activities of different service providers in agriculture development are coordinated / facilitated.</p>	<p>- Major stakeholders participate in district level coordination/monitoring meeting. - 40 % of ADCs agree that activities related to agriculture development from different service providers are delivered in a coordinated way. - Publications introducing project activities and progresses are distributed to all major stakeholders.</p>		
<p>Activities 1. Agricultural Training 1-1 Conduct training needs assessment 1-2 Conduct practical training for DADO officers 1-3 Conduct practical training for JT/JTAs 1-4 Conduct practical training for farmers 2. Agricultural Extension 2-1 Assess farmers' needs 2-2 T/D Farm Demonstration 2-3 Extension/Model (E/M) Farmer Activities 2-4 Prepare participatory agricultural plan on priority items through ADC activities</p>	<p style="text-align: center;">Inputs</p> <p>Japanese Side <Dispatch of Experts> • Long-term experts • Short-term experts (as necessary) <Procurement of the Equipment> • If necessary <Training in Japan> • If necessary <Local Cost Expenditure> • If necessary</p>	<p>Nepalese Side <Office Space and Facility> <Assignment of Personnel> • Project Director • Project Officer • Technical Officers • Supporting staff <Other Equipment not Procured by Japanese Side> <Running Expenses></p>	<p>Pre-conditions Security will be at ensured in the Project sites</p>
<p>3 Coordinative activities of different service providers in agricultural training and extension 3-1 Coordinate the Project activities in line with the Nepal's development plan at central and district level 3-2 Involve key stakeholders (Donors, NGOs, CBOs) in district level meeting for planning and monitoring 3-3 System dissemination</p>			

Note:

- *1: "Farmers able to access to Project activities" means those living in the area within about one-hour walk from either ASCs or project activities sites such as T/D Farms.
- *2: Sample should be selected from farmers able to access to Project activities (refer to *1).
- *3: Those who are working in ASC, not in DADO.

Shida

Achievement of Inputs

ANNEX 3

Nepalese Fiscal Year		2060		2061		2062		2063	
Wester Calendar Year		2004		2005		2006		2006	
Japanese Fiscal Year		2003		2004		2005		2006	
(Quarter)		4	1	2	3	4	1	2	3
Nepal side	ATEIP Office								
	Mr. Surat Babu Aryal	Project Director							
	Mr. Bijaya Malik	Project Director							
	Mr. Purna Man Shakya	Project Officer							
	Mr. Pravin Shrestha	Extension Counterpart							
	Mr. Ram Krisina Shrestha	Training Counterpart							
	Mr. Ganesh Shrestha	Training Counterpart							
	ATEIP Office	JT, ATEIP							
	Mr. Chiranjibi Adhikari	Non Gaz 1st class (adm)							
	Mr. Gyanu KC	Driver, ATEIP							
othrer									
personnel	DADO Officers								
	DADO officers (SADO/SMS) in Nuwakot								
	DADO officers (SADO/SMS) in Sindhupalchok								
	DADO officers (SADO/SMS) in Rasuwa								
	DADO officers (SADO/SMS) in Makawanpur								
	DADO officers (SADO/SMS) in Dhading								
Expenditure (1,000 Rs.)		1,171	2,744	2,555					
Others		Three office rooms in RD of Agriculture (Katmandu)							

Signature

Shrestha

Achievement of Inputs

ANNEX 3

		Nepalese Fiscal Year											
		2060			2061			2062			2063		
		Wester Calendar Year											
		2004				2005				2006			
		Japanese Fiscal Year											
		(Quarter)											
		2003			2004			2005			2006		
		4	1	2	3	4	1	2	3	4	1	2	
personnel	Long Term Expert												
	Mr. Toru Kawakami												
	Mr. Fumito Daimaru												
	Mr. Koji Terakawa												
	Mr. Fumitoshi Yano												
Expert	Chief Advisor												
	Agriculture Extension												
personnel	Chief Advisor/Agriculture Extension												
	Project Coordinator/Agriculture Training												
	Project Coordinator/Agriculture Training												
Short Term Expert	Ms. Yuko Shibuya												
	Mr. Takao Inamori												
		Farmers' Group Mobilization											
Japanese side	short term	Mr. S. S. Shrestha	Director General, DOA										
		Mr. S. R. Varma	Joint Secretary, MOAC										
		Mr. S. B. Aryal	Regional Director, RD KTM										
	C/P	Mr. P. M. Shakya	Project Officer, ATEIP										
		Mr. R. R. Adhikari	Extension Officer, DADO Rasuwa										
		Mr. T. P. Dawadi	Extension Officer, DADO Makawanpur										
	Training	Mr. O. B. Adhikari	Extension officer, DADO Nuwakot										
		Mr. G. Shrestha	Training Counterpart, ATEIP										
		Mr. P. Shrestha	Extension Counterpart, ATEIP										
		Mr. K. R. Hamal	Extension Officer, DADO Dhading										
	Mr. K. P. Subedi	Extension Officer, DADO Sindhupalchok											
Expenditure (1,000 Rs)		1,055			2,708			3,643			408		
Equipment Provision		8,199			5,990			4,671			0		

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Achievement of Inputs

List of equipments Purchased

Equipments purchased from Japan

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
1	A	2	Laptop PC	IBM	3
2	A	2	Multimedia Projector	HP	1
3	A	2	Amplifier	TOA	1
4	A	2	Laser Printer	Canon	1
5	A	2	Over Head Projector	3M	1
6	A	2	Screen	O-es	1
1	A	3	Digital Balance	O-house	1
2	A	3	Digital Camera	OLYMPUS	2
3	A	3	Digital Video Camera	SONY	1
4	A	3	File Maker Pro 6 Japanese	Filemaker	1
5	A	3	Mobile Generator	HONDA	1
6	A	3	Mobile Printer	Canon	2
7	A	3	Moisture Meter for rice	Shiro	1
8	A	3	MS-Office Professional Japanese	Microsoft	3
9	A	3	Stabilizer 1KV	MATSUNAGA	2
10	A	3	Stabilizer 2KV	MATSUNAGA	1
11	A	3	Wireless Crip Mike	TOA	1
12	A	3	Wireless Tuner	TOA	1
1	A	4	Acidmeter	Shiro	1
2	A	4	Carring Bag for IBM PC	IBM	3
3	A	4	FDD for Lapotp PC	IBM	3
4	A	4	Loupe (x 4)	Eschenbach	2
5	A	4	Mouse	Elecom	3
6	A	4	Nortorn Antivirus Japanese	Symantec	3
7	A	4	OHP Carrying Bag	3M	1
8	A	4	Picture Card for Digital Camera	OLYMPUS	2
9	A	4	Pointer	Open	1
10	A	4	Tripod for Digital Video Camera	SONY	1
11	A	4	Vide Studio 7	ULEAD	1

Equipments purchased locally

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
First lot					
1	B	3	Generator	Yunk	1
2	B	3	Stabilizer 2KV	Matsunaga	1
Second lot					
1	B	4	Book Shelf		3
2	B	4	Book Shelf (Small)		1
3	B	4	Fax Machine		5
4	B	4	File Ruck 3Drower		1
5	B	4	File Ruck 4Drower		4
6	B	4	Gas Heater		2
7	B	4	Kerosin Heater		3
8	B	4	Project Area Map		1
9	B	4	Printer Table		2
10	B	4	Stabiliser 1KV		4
11	B	4	Voltage Guard 1KV		4
12	B	4	Stabilizer 1.5KV		1
13	B	4	Voltage Guard 3KV		2
14	B	4	White Board		1
15	B	4	Revolving Chair		2
16	B	4	Computer Desk		2
17	B	4	Voltage Guard 0.5KV		1
18	B	4	UPS for Desktop computer		3
19	B	4	Chair		24
20	B	4	Table		12
21	B	4	Olympus Camedia C-460 Zoom Digital Camera	Olympus Corporation	5
22	B	4	Scanner	Canon	1
23	B	4	Card Reader/Writer	Universal Serial Bus	5
24	B	4	Olympus xD Picture Card M-XD64P	Olympus Corporation	5
25	B	4	Stabi-Guard 3KVA	Beltronix	5
26	B	4	Stabi-Guard 2KVA	Beltronix	5
27	B	4	Cycle	Santosa	5
28	B	4	Olympus Camedia C-480 Zoom Digital Camera	Olympus Imaging Corporation	6
29	B	4	Line Stabilizer	Model cp 2000	1
30	B	4	Book self		1
31	B	4	Cycle (Mountain bike)	Carmaxvigen	2
32	B	4	Generator Shed		1
33	B	4	External hard drive	IBM travelstar	3

Equipments purchased through A4 form

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
3	C	1	Vehicle	Nissan	3
1	C	2	Laser Color Printer	Epson	1
2	C	2	Photocopy Machine	Kyocera	2
1	C	3	Desk	Home Maker	3
2	C	3	Chair	Home Maker	3
3	C	3	Chair	Home Maker	
4	C	3	Chair	Home Maker	
5	C	3	Desktop PC	HP/Compaq	3
6	C	3	Laser Fax	Canon	1
7	C	3	Meeting Desk	Home Maker	1
8	C	3	Meeting Chair (Long)	Home Maker	1
9	C	3	Meeting Chair (Short)	Home Maker	2
10	C	3	Mobile PC	HP/Compaq	2
11	C	3	Mobile Printer	Canon	2
12	C	3	Mobile Printer	Canon	
13	C	3	Monitor for PC	HP/Compaq	3
14	C	3	Motorcycle		5
15	C	3	Microsoft Office Professional Edition 2003	Microsoft	6
16	C	3	Mobile PC	HP/Compaq	5
17	C	3	Printer LBP-2000	Canon	5
18	C	3	Multimedia Projector EMP-81	Epson	5
19	C	3	Generator YK1700		5
20	C	3	Motorcycle		5
21	C	3	Photocopy machine	Kyocera	5
22	C	3	Motorcycle (Honda)		3
23	C	3	Wireless Amplifier (WA-320)	Ahuja	5
24	C	3	Tripod Screen (160x160)		5
25	C	3	OHP(A+K), 350 modle, portable		4
26	C	3	Cycle (Mountain bike)	Carmaxvigen	6
27	C	3	pH meter		5
28	C	3	Photocopy machine	kyocera	1
29	C	3	Cycle (Mountain bike)	Carmaxvigen	4

Source: ATEIP records

Note:

Scheme of purchase

A = Equipments that are carried from Japan

B = Equipments that are purchased locally according to demand of DADO

C= Equipments that are purchased according to A4 form

Rank:

1: Equipments that cost more than JY 1600,000

2: Equipments that cost above JY 200,000 and below NRs 1600,000

3: Equipments that cost above JY 20,000 and below NRs 200,000

4: Equipments that cost below JY 20,000

The Sequential Flow of Each Activities in District

Remarks: Duration of T/D farm
Name of Crop

as of September 2006

Japanese Fiscal Year

District	VDC (Ward)	Activities	Cooperative Farmer	JT/JTA	2004	2005	2006	2007	2008	Remarks	
Sindhupalchok	Fataksila-2	T/D farm	Mr. Khedr Pra. Ghorasaini	Mrs. Pratima Neupane	1st		↓			28 Oct. 2004 to 5 April 2005, Cauliflower	
		E/M farmer		Miss. Smita Bhandari						Established (April 2005)	
		ADC									
	Makha-1	T/D farm	Mr. Jit Bahadur Shrestha	Mr. Dudh Nath Pandey	Mr. Dudh Nath Pandey	2nd	↓				26 May to 9 July 2005, Long bean
		E/M farmer		Mr. Mashil Lal Sah	Mr. Mashil Lal Sah						
		ADC									
	Chautara-5	T/D farm	Mr. Chakra Bdr. Ghale	Mr. Chabi Lal Sharma	Mr. Chabi Lal Sharma	3rd	↓				6 Sept. 2005 to 13 Jan. 2006, Cauliflower
		E/M farmer		Mr. Dipak Giri	Mr. Dipak Giri						
		ADC									
	Jyethal-5	T/D farm	Mr. Makar Bdr. Tamang	Mr. Parasu Ram Giri	Mr. Parasu Ram Giri	4th	↓				9 March to 29 July 2006, Summer Potato
		E/M farmer		Mr. Ram Hari Shrestha	Mr. Ram Hari Shrestha						
		ADC									
	Tatopani-7	T/D farm	Mrs. Sita Dhakal	Mrs. Sita Dhakal	Mrs. Bal Kumari Sunuwar		5th	↓			2nd Week of August to be cont..... Cauliflower
		E/M farmer									
		ADC									
-	T/D farm			Mr. Mashil Sah		6th	↓			Site selected, Potato	
	E/M farmer										
	ADC										
-	T/D farm					7th	↓				
	E/M farmer										
	ADC										
-	T/D farm					8th	↓				
	E/M farmer										
	ADC										
-	T/D farm					9th	↓				
	E/M farmer										
	ADC										

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The Sequential Flow of Each Activities in District

Remarks: Duration of T/D farm
Name of Crop

Japanese Fiscal Year

District	VDC (Ward)	Activities	Cooperative Farmer	JT/JTA	2004	2005	2006	2007	2008	Remarks	
Makawanpur	Manahari-7	T/D farm	Mr. Keshab Prasad Adhikari	Mr. Ram Binod Shing	1st		↓			3 Nov. 2004 - 23 April 2005, Broccoli	
		E/M farmer									
		ADC									Established (March 2005)
	Basamadi-5	T/D farm	Mr. Ram Kumar Thapa	Mr. Surendra Pra. Kurmul Mr. Tapeswar Yadav Mr. Bhat sah	2nd		↓				March - June 2005, Tomato
		E/M farmer									
		ADC									
	Bhainse-2	T/D farm	Mrs. Mira Thapa	Mr. Guru dayal Mandal	3rd		↓				1st week of Oct. 2005- Last week of Jan. 2006, Cauliflower
		E/M farmer									
		ADC									
	Hatiya-1	T/D farm	Mr. Bhagabati Timalsene	Mr. Sanjay Tiwari Mr. Hadamba Rai Adhikari	4th		↓				24 march 2006- July 2006, Bitter Guard
		E/M farmer									
		ADC									
-	T/D farm						5th	↓			
	E/M farmer										
	ADC										
-	T/D farm						6th	↓			
	E/M farmer										
	ADC										
-	T/D farm						7th	↓			
	E/M farmer										
	ADC										
-	T/D farm						8th	↓			
	E/M farmer										
	ADC										
-	T/D farm						9th	↓			
	E/M farmer										
	ADC										

as of September 2006
Remarks: Duration of T/D farm
Name of Crop

The Sequential Flow of Each Activities in District

Japanese Fiscal Year

District	VDC (Ward)	Activities	Cooperative Farmer	JT/JTA	2004	2005	2006	2007	2008	Remarks	
Nuwakot	Kalyanpur-1	T/D farm	Mr. Govinda Prasad Adhikari	Mr. Hari Prasad Adhikari	1st		↓			Nov. 3rd week 2004 to Feb. 30, 2005, Potato	
		E/M farmer					↓			Established (May 2005)	
		ADC									
	Okharapauwa-3	T/D farm	Mr. Jas Ram Tamang		Mr. Som Raj Sendal Mr. Tika Ram Baniya	2nd		↓			13 March 2005 to 25 June 2005, Cabbage
		E/M farmer									
		ADC									
	Belkot-2	T/D farm	Mr. Rameswar Bhatta		Mr. Balhari Ghimire Mr. Madav Pandey		3rd	↓			28 Aug. 2005 to 22 Jan. 2006, Cauliflower
		E/M farmer									
		ADC									
	Dikure-4	T/D farm	Mr. Hare Ram Lamichane		Mr. Radhye Shyam Barai Mr. Debendra Lal Karni		4th	↓			5 April to 3 Sept. 2006, Okra
		E/M farmer									
		ADC									
Tupche-4	T/D farm	Mrs. Shubhadra Aryal		Mr. Narayan K. Dangol Mr. Madav Thapa			5th	↓		3rd week of August to December 2006, Cauliflower	
	E/M farmer										
	ADC										
Khadgabaniyang-5	T/D farm	Mr. Shiva Neupane		Mr. Satrughan P. Chaudani Mr. Dashin P. Mandal			6th	↓		1st week of Sept. 2006 to cont..., Tomato	
	E/M farmer										
	ADC										
-	T/D farm						7th	↓			
	E/M farmer										
	ADC										
-	T/D farm						8th	↓			
	E/M farmer										
	ADC										
-	T/D farm						9th	↓			
	E/M farmer										
	ADC										

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Shwadi

as of September 2006

The Sequential Flow of Each Activities in District

Remarks: Duration of T/D farm

Name of Crop

Japanese Fiscal Year

District	VDC (Ward)	Activities	Cooperative Farmer	JT/JTA	2004	2005	2006	2007	2008	Remarks	
Dhading	Naubise-7	T/D farm	Mr. Arjun Bhattarai	Mr. Nerandra Pratab Shah Mr. Keshab Prasad		1st	↓			Nov. 3rd week 2004 - Mar. 2nd week 2005, Cauliflower	
		E/M farmer ADC								Established (March 2005)	
	Gaguri-1	T/D farm	Mrs. Mishra Upereti	Mr. Keshab Prasad Ghimire Mr. Rajendra Prasad Yadav		2nd	↓			12 Feb - 13 May, 2005, Cucumber	
		E/M farmer ADC									
	Bishaltar-7	T/D farm	Mr. Tilak Bahadur Bisural	Mr. Damodar Ghimire Mr. Rup Narayan Mahato		3rd	↓			17 Sept. 2005 - 28 June 2006, Potato	
		E/M farmer ADC									
	Muralbhanjyang-2	T/D farm	Mr. Bisnuhari Lamsal	Mr. Givinda Khanal Mr. Ram Hari Shrestha		4th	↓			23 April - 15 Aug. 2006, Long Bean	
		E/M farmer ADC									
			T/D farm					5th	↓		
			E/M farmer ADC								
			T/D farm					6th	↓		
			E/M farmer ADC								
			T/D farm					7th	↓		
			E/M farmer ADC								
			T/D farm					8th	↓		
E/M farmer ADC											
		T/D farm					9th	↓			
		E/M farmer ADC									

The Sequential Flow of Each Activities in District

Remarks: Duration of T/D farm
Name of Crop

as of September 2006

Japanese Fiscal Year

District	VDC (Ward)	Activities	Cooperative Farmer	JT/JTA	Japanese Fiscal Year				Remarks
					2004	2005	2006	2007	
Rasuwa	Syafrubesi-4	T/D farm	Mr.Cheband Tamang	Mr.Dukhi Prasad Shah	1st				3 Nov. 2004 to 23 April 2005, Cauliflower
		E/M farmer ADC							Established (March 2005)
	Betrawati -7	T/D farm	Mr.Krishan Badr Acharya	Mr.Ram Bahadur Thapa		2nd			24 May to Nov. 2005 , Paddy
		E/M farmer ADC							
	Dhunchhe -3	T/D farm	Mr.Dawabuti Lama	Mr.Kalikanta Mishra Mr.Rameswor Lal Karma		3rd			17 Sept. 2005 to 8 Feb. 2006, Wheat
		E/M farmer ADC							
	Ramche-8	T/D farm	Mr.Nim Bdr. Titung	Mr.Givinda Khanal Mr.Ram Hari Shrestha		4th			16 March to 29 July 2006, Potato
		E/M farmer ADC							
	Chilime-1	T/D farm	Mrs. Yuktu Tamang	Mrs. Chandra Bdr. Bhandari Mrs. Hari Saran Khadka			5th		22Aug,2006 Cont..., Cauliflower
		E/M farmer ADC							
	-	T/D farm	E/M farmer	E/M farmer			6th		
		E/M farmer ADC							
-	T/D farm	E/M farmer	E/M farmer			7th			
	E/M farmer ADC								
-	T/D farm	E/M farmer	E/M farmer			8th			
	E/M farmer ADC								
-	T/D farm	E/M farmer	E/M farmer			9th			
	E/M farmer ADC								

Evaluation Questions and Findings

Relevance	Evaluation Questions		Source of Data	Evaluation Findings
	Main Questions	Sub-Questions		
	Are the Project Purpose and Overall Goal still relevant to Nepalese government development policies?		<ul style="list-style-type: none"> 5-Year Development Plan Agricultural development plans, strategies, etc. 	<p>"Agricultural Perspective Plan (APP, 1995-2015)", "the 10th Plan (2002-2007)", and "National Agriculture Policy 2004" aim to i) accelerate growth of agriculture sector through increased productivity; ii) alleviate poverty through growth and increased employment; and iii) diversify horticulture crops through introduction of high value added crops. As a mean of realizing these aims, establishment of agriculture technology responsive to farmers' needs and its effective extension are proposed.</p> <p>--> The Project is still relevant to these Plans.</p> <ul style="list-style-type: none"> "National Agriculture Extension Strategy", which will be approved soon, aims to promote efficient agriculture extension service with enhancing capabilities of local organizations and strengthening bottom-up approaches. <p>--> The Project including formation and strengthening of Agricultural Development Committee (ADC) is in line with this Strategy.</p>
	Is the Project still relevant to Japanese ODA policy?	<p>Is the Project relevant to key issues of Japan's ODA policy?</p> <p>Is the Project relevant to the JICA's policy for Nepal?</p>	<ul style="list-style-type: none"> Key issues of Japan's ODA policy Position of the Project in agricultural development sector Position of this sector in the policy 	<ul style="list-style-type: none"> JICA Country Program for Nepal (FY 2003) raises "Enhancement of people's standard of living through increase in agriculture production and in income" as one of its five priority fields, then improvement of extension service system for agriculture production increase is highly considered. <p>--> The Project is relevant to this Plan.</p>
	Is selection of the target group (target area and scale of target group) appropriate?	<p>Is scale of target group appropriate, in relation to scale of the Project inputs and activities?</p> <p>Are needs for project activities still high in target districts?</p>	<ul style="list-style-type: none"> Reports on ex-ante evaluation Comments by the parties concerned 	<ul style="list-style-type: none"> Target 5 districts were selected, considering accessibility from the Regional Directorate of Agriculture of the Central Development Region which were located in Katmandu as well as security. Need for the project continues to be high from the start of the Project till now since more than 90% of the population in the districts are agricultural households. <p>--> Selection of target districts is appropriate.</p> <p>--> Actual activities of the Project are concentrated in the areas relatively accessible from DADO and ASCs since ASSCs were closed and accordingly the number of JT/JTAs was decreased due to government policy.</p> <p>--> Enhancement of capabilities of respective JT/JTAs and effective/efficient extension activities are more required due to decrease in number of JT/JTAs.</p>

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Evaluation Questions		Source of Data	Evaluation Findings
Main Questions	Sub-Questions		
Efficiency Inputs Are quality, quantity and timing of the Project inputs appropriate for undertaking activities and generating outputs?	Dispatch of Japanese Experts Are number, field of expertise, timing/duration of dispatch of experts appropriate?	<ul style="list-style-type: none"> Project records Comments by the parties concerned 	<ul style="list-style-type: none"> For 2 years from the start of the Project, 3 long-term experts (chief advisor, coordinator/agriculture training, agriculture extension) and one short-term expert (agriculture general) were dispatched as scheduled. From this year of 2006, the number of long-term experts are decreased to two: chief advisor cum agriculture extension and coordinator cum agriculture training. Due to delay in selection and security problem in Nepal, the present chief advisor was assigned six months after the previous chief advisor left Nepal. The present chief advisor is a shuttle-type expert (not continuously stay in Nepal). --> So far, any specific problems have not been observed from 6 month absence of a chief advisor and new assignment style. --> Since it cannot be said that two long-term experts are sufficient for this Project, dispatch of additional short-term experts should be examined in accordance with necessity to supplement two long-term experts.
	Assignment of C/P Are number, status of assignments, capabilities of C/P appropriate?	<ul style="list-style-type: none"> Project records Comments by the parties concerned 	<ul style="list-style-type: none"> Project Director (concurrent with Regional Director), Project Officer (full time), Agricultural Extension Officer (concurrent with senior officer of Directorate of Agricultural Extension), Agricultural Training Officer (concurrent with senior officer of Directorate of Agricultural Training), and two support staff are assigned as C/P. --> What the Agricultural Extension Officer and the Agricultural Training Officer are not full time staff of the Project has advantages that the project activities could be spread to regular training and extension activities conducted by the Directorates they belong to. --> It cannot be said that they have been fully dealt with the work which they should do for the Project with timely manner, since they have to deal with their works as officers of Directorates. --> Considering the fact the volume of project activities will be increased, establishment of system that can fully deal with that works in timely manner should be done.
	Provision of Equipments Are items, quantities, and timing of procurement of equipments appropriate? Are materials/equipment procured effectively utilized?	<ul style="list-style-type: none"> Project records Comments by the parties concerned 	<ul style="list-style-type: none"> 3 Vehicles (for the Project Office), motorbikes (for DADOs), bicycles (for ASCs), computers, printers, digital cameras, fax machines and so forth are procured for the Project. Equipments such as computers, printers, digital cameras, and fax machines provided for all DADOs, are fully utilized for Project activities.
	Training of C/P in Japan Are selection of trainees, timing/duration, contents of trainings appropriate?	<ul style="list-style-type: none"> Project records Comments by the parties concerned 	<ul style="list-style-type: none"> 3 trainees (Director General of DOA, Project Director, Joint Secretary of MOAC) were dispatched to short-term (2-3 weeks) training courses. 8 trainees (Project Officer, Training Officer, Extension Officers, SMSs) were dispatched to general (about 2 months) training courses on agriculture extension.

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Evaluation Questions		Source of Data	Evaluation Findings																				
Main Questions	Sub-Questions																						
<p>Activities Are quality, quantity and timing of the Project activities appropriate for generating outputs?</p>	<p>Are what trainees obtained from these trainings utilized for project implementation?</p> <p><u>Agricultural Training</u> Are quality, quantity, and timing of activities regarding agricultural trainings appropriate?</p>	<ul style="list-style-type: none"> Project records Reports on Training Courses Work Plan Comments by the parties concerned Field observations and interactions 	<p>--> Since trainings they participated in are related to agricultural extension, what they learned from the trainings were utilized (or to be utilized) for their works for the Project (based on hearing from some of trainees).</p> <ul style="list-style-type: none"> Training Needs Assessments for DADO officers and JT/JTAs were conducted in 2004. Based on their results, trainings were planned and undertaken. Trainings for DADO officers Following trainings were conducted: <ol style="list-style-type: none"> Monitoring & Evaluation Training (central, Feb.2005, 20 participants) Extension Planning Training (central, Dec.2005, 17 participants) Human Skill Training (I) (central, Aug.2006, 16 participants) Following training are to be conducted: <ol style="list-style-type: none"> Farm Management Training (central, 2007) Human Skill Training (II) (central, 2007) <p>--> Almost all DADO officers participated in the trainings conducted and further trainings are planned to be provided. Therefore, it could be said that the quantity of the trainings is sufficient.</p> <p>--> Regarding the quality of trainings, the results of survey on DADO officers is as follows (no. of total respondents are 10):</p> <table border="1"> <thead> <tr> <th></th> <th>No. of participants</th> <th>Fulfillment of needs (yes & partly yes)</th> <th>Satisfaction (highly & some extent)</th> <th>Learn new things (a lot & some extent)</th> </tr> </thead> <tbody> <tr> <td>i) M & E</td> <td>6</td> <td>6</td> <td>5</td> <td>6</td> </tr> <tr> <td>ii) Extension</td> <td>9</td> <td>9</td> <td>9</td> <td>9</td> </tr> <tr> <td>iii) HST</td> <td>9</td> <td>9</td> <td>9</td> <td>9</td> </tr> </tbody> </table> <p>--> DADO officers are expected to provide proper guidance to JT/JTAs and farmers, with utilizing knowledge and skills acquired from the trainings. Therefore, trainings for DADO officers should have been conducted with more concentrated manner prior to trainings for JT/JTAs (T/D farm activities) which were already started in 2004.</p> <p><u>Trainings for JT/JTAs</u></p> <ul style="list-style-type: none"> Following trainings were conducted: <ol style="list-style-type: none"> Farmers Needs Assessment Training (central, Nov. 2004, Feb. and May 2005, 98 participants) Extension Planning Training (central, March, May 2006, 84 participants) 		No. of participants	Fulfillment of needs (yes & partly yes)	Satisfaction (highly & some extent)	Learn new things (a lot & some extent)	i) M & E	6	6	5	6	ii) Extension	9	9	9	9	iii) HST	9	9	9	9
	No. of participants	Fulfillment of needs (yes & partly yes)	Satisfaction (highly & some extent)	Learn new things (a lot & some extent)																			
i) M & E	6	6	5	6																			
ii) Extension	9	9	9	9																			
iii) HST	9	9	9	9																			

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Evaluation Questions		Source of Data	Evaluation Findings															
Main Questions	Sub-Questions																	
			<p>• Following training are to be conducted: i) Human Skill Training (I) (central, 2006) ii) Human Skill Training (II) (central, 2007) iii) Farm Management Training (central, 2007) --> Almost all JT/JTAs participated in the trainings conducted and further trainings are planned to be provided. Therefore, it could be said that the quantity of the trainings is sufficient. --> Regarding the quality, the results of questionnaire survey on JT/JTAs is as follows (no. of total respondents are 33):</p> <table border="1"> <thead> <tr> <th></th> <th>No. of participants</th> <th>Fulfillment of needs (yes & partly yes)</th> <th>Satisfaction (highly & some extent)</th> <th>Learn new things (a lot & some extent)</th> </tr> </thead> <tbody> <tr> <td>i) FNA</td> <td>33</td> <td>33</td> <td>33</td> <td>33</td> </tr> <tr> <td>ii) Extension</td> <td>30</td> <td>30</td> <td>30</td> <td>30</td> </tr> </tbody> </table> <p>--> JT/JTAs are expected to provide proper guidance to farmers, with utilizing knowledge and skills acquired from the trainings. Therefore, trainings such as "Farm Management Training" should have been conducted prior to formation of ADCs, which were already started.</p>		No. of participants	Fulfillment of needs (yes & partly yes)	Satisfaction (highly & some extent)	Learn new things (a lot & some extent)	i) FNA	33	33	33	33	ii) Extension	30	30	30	30
	No. of participants	Fulfillment of needs (yes & partly yes)	Satisfaction (highly & some extent)	Learn new things (a lot & some extent)														
i) FNA	33	33	33	33														
ii) Extension	30	30	30	30														
	<p><u>Agricultural Extension</u> Are quality, quantity, and timing of activities regarding agricultural extension services appropriate?</p>	<ul style="list-style-type: none"> • Project records • Reports on Extension Activities • Work Plan • Comments by the parties concerned • Field observations and interactions 	<p><u>T/D Farm Activities</u> • 1st - 4th T/D farm activities have been completed (one season, 4 T/D farms per district, 20 T/D farms in total). • Another 5 T/D farm activities per district (one year of duration, 25 T/D farms in total) are planned to be undertaken by the end of the Project. --> Almost all JT/JTAs are planned to participate in T/D farm activities. Therefore, it could be said that the quantity of the trainings through T/D farm activities is sufficient. --> Regarding the quality of T/D farm activities, the results of questionnaire survey on JT/JTAs is as follows (no. of total respondents are 33): Nos. of JT/JTAs who are involved with T/D farm activities: 33 Fulfillment of needs (yes & partly yes): 33 Satisfaction (highly & some extent): 33 Learn new things (a lot & some extent): 33 Receiving guidance from DADO officers: 32 Appropriateness of that guidance (yes & partly yes): 32</p> <p>--> Misunderstanding of the objective of T/D farm activities and confusion in their operations are heard from some JT/JTAs.</p>															

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Evaluation Questions		Source of Data	Evaluation Findings					
Main Questions	Sub-Questions							
			<p><u>E/M Farmer Activities</u></p> <ul style="list-style-type: none"> • Though 19 farmers in total were selected so far, activities have not been started yet. • The guideline was revised in August 2006, stipulating that farmers who offers their plots for T/D farm activities would basically become E/M farmers. • 45 E/M farmer activities are planned to be undertaken by the completion of the Project. <p><u>ADC Activities</u></p> <ul style="list-style-type: none"> • One ADC per each district (5 ADCs in total) was organized. • Workshops were organized for members of these 5 ADCs (Nov. 2005 how to fill in needs assessment format, Jun. 2006 plan preparation) • Another 6 ADCs per district (30 ADCs in total) are planned to be organized by the completion of the Project. 					
	<p><u>Coordination among different service providers</u> Are Project activities well coordinated?</p>	<ul style="list-style-type: none"> • Project records • Work Plan • Comments by the parties concerned 	<ul style="list-style-type: none"> • Awareness workshops were held at both central and respective districts in Jan. 2004, to introduce project activities to government departments, directorates, and NGOs concerned. • There are cases that some DADO have collaboration activities with local NGOs (e.g. Sindhupalchok). • Since DADO is a member of DADC (District Agriculture Development Committee), coordination with other line agencies at district level is done to some extent through this Committee. • The Project has not undertaken any activities except the above workshops and certain collaboration with local NGOs to promote coordination and collaboration with other stakeholders. • District level coordination/monitoring workshops are planned to be held annually, with inviting government other line agencies and NGOs concerned. • Public relation activities are planned to be strengthened to introduce project activities and its progresses to other stakeholders including other donor agencies. • Several trainings have been provided for DADO officers who are expected to provide guidance to JT/JTAs. 					
<p>To what extent have the outputs been achieved?</p>	<p><u>Agricultural Training</u> Is practical training imparted to extension workers and farmers?</p>	<ul style="list-style-type: none"> • Project records • Questionnaire survey on DADO officers • Questionnaire survey on JT/JTAs • Work Plan • Comments by the parties concerned 	<p>Utilization of skills/knowledge acquired from trainings</p> <table border="1"> <tr> <td>For T/D farm activities (largely & some)</td> <td>ADC activities (largely & some)</td> <td>Work in general (largely & some)</td> <td>Improvement of technical capabilities (largely & some)</td> <td>Improvement of your works and services provided for JT/JTAs (largely & some)</td> </tr> </table>	For T/D farm activities (largely & some)	ADC activities (largely & some)	Work in general (largely & some)	Improvement of technical capabilities (largely & some)	Improvement of your works and services provided for JT/JTAs (largely & some)
For T/D farm activities (largely & some)	ADC activities (largely & some)	Work in general (largely & some)	Improvement of technical capabilities (largely & some)	Improvement of your works and services provided for JT/JTAs (largely & some)				
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Evaluation Questions		Evaluation Findings													
Main Questions	Sub-Questions	10	7	10	10	10									
		<ul style="list-style-type: none"> Several practical trainings including T/D farm activities have been provided for JT/JTAs. Regarding the improvement of their capabilities because of trainings, the results of questionnaire survey on JT/JTAs is as follows (no. of total respondents are 33): <table border="1"> <thead> <tr> <th>Utilization of skills/knowledge acquired from trainings</th> <th>Improvement of technical capabilities (largely & some)</th> <th>Improvement of extension services provided by you (largely & some)</th> </tr> </thead> <tbody> <tr> <td>ADC activities* (largely & some)</td> <td>Extension work in general (largely & some)</td> <td></td> </tr> <tr> <td>12</td> <td>33</td> <td>33</td> </tr> </tbody> </table> <p>*No. of JT/JTAs who have involved with ADC Activities is 12.</p> <p>-> It could be said that output of "providing of practical training for JT/JTAs" have been achieved to some extent. It is expected that degree of achievement would be enhanced by further project activities.</p> <ul style="list-style-type: none"> Since E/M farmer activities have not yet started and ADC activities have just started, it cannot be said that output of "providing of practical training for farmers" have been achieved. However, it is expected that this output will be achieved by further project inputs regarding E/M farmer activities and ADC activities. 					Utilization of skills/knowledge acquired from trainings	Improvement of technical capabilities (largely & some)	Improvement of extension services provided by you (largely & some)	ADC activities* (largely & some)	Extension work in general (largely & some)		12	33	33
Utilization of skills/knowledge acquired from trainings	Improvement of technical capabilities (largely & some)	Improvement of extension services provided by you (largely & some)													
ADC activities* (largely & some)	Extension work in general (largely & some)														
12	33	33													
		<ul style="list-style-type: none"> Several practical trainings including T/D farm activities have been provided for JT/JTAs. Many JT/JTAs recognize improvement of their capabilities by the trainings (please refer to the above-mentioned results of Questionnaire survey on JT/JTAs). --> It cannot be said that output of "delivery of farmers' need-based extension services" have been achieved, since provision of guidance and extension for farmers have just started through ADC activities. However, it is expected that this output will be achieved by further project inputs regarding E/M farmers activities and ADC activities and provision of extension services by JT/JTAs with improved capabilities. There has been only minimal coordination so far. Through district level coordination/monitoring workshops, public relation activities, and ADC activities planned, it could be expected that coordination and collaboration with other stakeholders would be promoted to some extent. 													
		<ul style="list-style-type: none"> Project records Questionnaire survey on JT/JTAs Work Plan Comments by the parties concerned 													
	<p><u>Agricultural Extension</u></p> <p>Are farmers' need-based extension services delivered?</p>	<ul style="list-style-type: none"> Project records Work Plan Comments by the parties concerned 													
	<p><u>Coordination among different service providers</u></p> <p>Are activities of different service providers in agricultural training and extension coordinated?</p>	<ul style="list-style-type: none"> Project records Work Plan Comments by the parties concerned 													

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Evaluation Questions		Source of Data	Evaluation Findings
Main Questions	Sub-Questions		
Impact	To what extent have the Project purpose been achieved?	Is agricultural service delivery system improved in the Project districts through training and extension?	<ul style="list-style-type: none"> It is assumed that the Project purpose would be achieved through achievement of outputs regarding training and extension. Since outputs has been partly achieved only so far, we cannot evaluate the achievement of the Project purpose as of now. However, it is expected that the Project purpose will be achieved through high degree of achievement of outputs.
	Is it expected that the Project Purposed will be achieved by the end of the Project?	Is it expected that agricultural service delivery system would be improved in the Project districts through training and extension?	
	What kinds of technical impacts are expected?	Are improvement of farming technique of farmers and increase of agricultural production expected?	
Sustainability	What kinds of organizational and institutional impacts are expected?	Are coordination/collaboration with other stakeholders at district level expected to be promoted by DADO?	<ul style="list-style-type: none"> Although we cannot evaluate technical impact of the Project as of now, it is expected that farmers' farming technique would be improved and agricultural production would be increased through improved agricultural service delivery system. There has been only minimal coordination so far. However, it is expected that coordination/collaboration with other stakeholders would be promoted at district level through planned district coordination/monitoring workshops and public relation activities.
	Is it expected that overall goal of the Project will be achieved?		<ul style="list-style-type: none"> Overall goal was revised in the course of this evaluation work (please see modification of PDM). We cannot evaluate the achievement of the overall goal as of now like project purpose. It will be evaluated by the final evaluation.
	Is it expected that policy support for these activities will be continued after the Project completion?		<ul style="list-style-type: none"> Future development plan Comments by the parties concerned
	Has C/P agency acquired capacities for continuing the Project?	Has C/P staff acquired capacities of operation, management, and	<ul style="list-style-type: none"> Supports from Nepalese government for such activities as undertaken by the Project are highly expected to continue since "National Agriculture Extension Strategy" will be approved soon and the concerned authorities of MOAC and DOA appreciate training and extension approaches adopted by the Project. Since C/P staff seems to have acquired capabilities of operation, management and monitoring of the Project, it is highly expected that they could run similar type of activities by themselves.

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Evaluation Questions		Source of Data	Evaluation Findings
Main Questions	Sub-Questions monitoring of the Project?		
	<p>Is it expected that sufficient budget will be allocated to continue the Project?</p>	<ul style="list-style-type: none"> - Financial plan - Comments by the parties concerned 	<ul style="list-style-type: none"> - If budgets on some project activities are included in Annual Plan approved, there is no problem for Nepalese side to cover expenses on these activities. Actually, some project expenses, which were covered by the Project (Japan side) at the beginning, have gradually been shifted to be covered by Nepalese government. - Although we cannot evaluate the financial sustainability after the project completion, it is expected that the project activities would be replicated to other areas, judging from the fact that several Nepalese government authorities appreciate the model adopted in the Project.

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Government of Nepal
Ministry of Agriculture and Cooperatives
Department of Agriculture
Regional Directorate of Agriculture
Agricultural Training and Extension Improvement Project

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FY:-2063/64

Ref. No:- 60

Hariharbhawan, Lalitpur, Nepal

Date: Oct. 9, 2006

Subject : Minutes of JCC meeting

Mr. Yoshinobu KINOSHITA
Ass. Resident Representative
JICA, Nepal

Dear Sir,

Please find a copy of minutes of JCC meeting held on 25th September 2006.


.....
Purna Man Shakya
Project Officer

Minutes of Joint Coordinating Committee (JCC) meeting:

JCC (Joint Coordinating Committee) Meeting of the Agricultural Training and Extension Improvement Project (ATEIP) was held on 25th. of September 2006 at the meeting hall of the ATEIP, Hariharbhawan.

Participants of the JCC meeting:

SN	Name	Office	Designation	Portfolio in JCC
1	Mr. Tek Bahadur Thapa	Ministry Of Agriculture and Cooperatives	Joint Secretary(Planning)	Chairperson
2	Dr. Deep Bahadur Swar	Department Of Agriculture (DOA)	Director General	Member
3	Mr. Surath Babu Aryal	Department Of Agriculture (DOA)	Deputy Director General (M and E)	Observer
4	Dr. Hari Dahal	Department Of Agriculture (DOA)	Deputy Director General (Tech. Transfer)	Observer
5	Mr. Shinji YOSHIURA	JICA, Nepal	Resident Representative (Team Leader of the mid-term evaluation mission)	Member
6	Mr. Ram Prasad Pulami	Department Of Agriculture (DOA)	Senior Agricultural Economist	Representative for Deputy Director General, Planning (Member)
7	Mr. Narendra Kumar Gurung	JICA Nepal	Sr. Program Officer	Member
8	Mr. Yoshinobu KINOSHITA	JICA Nepal	Asst. Resident Representative (Evaluation team member)	Member
9	Mr. Rabindra Subedi	Directorate of Agricultural Extension	For Program Director	Member
10	Mr. Sridhar Adhikari	Directorate of Agricultural Training	For Program Director	Member
11	Mr. Koji Terakawa	ATEIP	Chief Advisor	Member
12	Mr. Yuko Sibuya	ATEIP	Project	Member

			Coordinator/Training Expert	
13	Dr. Njima Sherpa	Embassy Of Japan	Program Manager	Observer
14	Prof. Shun Sujuki	Tokyo Uni. of Agric.	Agric. Ext. Management (Evaluation team member)	Observer
15	M/s Komiko Murata	JICA, Tokya	Program Officer (Evaluation team member)	Observer
16	M/s Junko Saikawa	KRI Int. Corp. Japan	Evaluation Analysis (Evaluation team member)	Observer
17	Dr. Siddi Ganesh Shrestha	MOAC	Sr. Agric. Officer (Evaluation team member)	Observer
18	Mr. Mahendra Khanal	MOAC	Agric. Officer (Evaluation team member)	Observer
19	Mr. Kamal Gautam	DOA	Sr. Agric. Economist (Evaluation team member)	Observer
20	Mr. Niranjana Dangol		Consultant for the study mission	Observer
21	Mr. Purna Man Shakya	ATEIP	Project Officer	Member

Agenda of the meeting:

1. Presentation of the mid-term evaluation report
2. Approval of revised PDM and work plan of the project
3. Recommendations from the Mid-term evaluation committee
4. Further measures to be taken by both governments

Suggestions and comments made in the 2nd. JCC meeting:

1. Mr. Aryal asked the evaluation team what is the overall evaluation of the project. He commented on the evaluation report that report didn't mention about the change from one crop season intervention to one-year crop season intervention. Secondly he commented that the report had no statement on the linkage between T/D farm and village and incentive issue for E/M farmer. Regarding coordination, more involvement of NGOs and various stakeholders at the local level should be promoted, he stressed. Lastly, he stated that full-time posting of chief advisor was desirable.

2. Mr. Dahal showed his anxiety in poor achievement of improvement of service delivery and coordination. He asked clarification on methodology on how the evaluation report was made. He also commented that conclusion and recommendations were rather superficial and much devotion should have been made. In this connection, he regretted the linkage matter of market issue was not stated in the report.
3. Mr. Yoshimura reminded those two main objectives of the mid-term evaluation; one is to evaluate progress and achievements of the project and the other is to revise PDM. Considering the result of the evaluation, the project should accelerate activities he emphasized.
4. Mr. Kinoshita explained the background of the change in the style of dispatch of Japanese experts, especially chief advisor. In order to improve mal communication at that time, strict condition for selection of the new expert had to be set. Due to that, it was difficult to assign full-time expert for chief advisor.
5. Dr. Shrestha explained overall evaluation of the project by saying that project was heading toward right direction. Furthermore, he mentioned the project must enhance coordination at district level and collaboration at field level. Regarding the view that the evaluation report seems superficial, he explained that those small details could not be elaborated and the evaluation team left the project the decision on how to elaborate details of how to tackle the issues such as market.
6. Dr. Swar recognized the work plan as a good foundation for improvement of the project and that it would provide much scope for forthcoming activities. He suggested the project to consider more involvement of village youth in developing agriculture entrepreneurship. He also stressed DoA's recognition of NGOs, other stakeholders and service providers, therefore, coordination with such development partners should be facilitated by the project. Regarding financial issue, he stated that the project budget should be secured and utilized during the project period admitting that Nepal government should provide more budget to the area the project focused.
7. Mr. Thapa said he was satisfied with the evaluation report and understood the project seemed on the right track except some areas. He stated that communication situation should be improved within Nepalese and Japanese sides. The evaluation report reminded his own responsibility and JCC's responsibility in terms of monitoring and reviewing the project at the necessary basis. He felt more frequent meeting was needed. He also underlined marketing issue should be emphasized though it was not in PDM of the project. He also said criteria in order to involve more women into the project activities should be elaborated. He found five recommendations valid. Concerning the budget, five million rupees for the final year of the project from Nepal side would be possibly allocated but he also reminded JICA side should allocate sufficient budget for the project. In regard with TADA and incentive issues of JT/JTAs, he recommended to institutionalize internal competition among JT/JTAs on their performance. He thinks sending one or two JT/JTAs to the training in Japan may be effective.

質問票調査結果

別添の質問票に基づき、DADO Officers 及び JT/JTAs に対する質問票調査を実施した。調査結果は以下のとおり。

DADO Officers 向け調査

DADO Officers については、質問票を送付し、回答者自らが記入を行うという方式をとった。10名（各DADO2名）からの回答が得られた。各質問項目に対する回答は以下のとおり（数値は回答者数）。

A. 研修 (Trainings)

研修コース	参加		ニーズ充足の度合い				満足度				新たなことを取得			
	Yes	No	Yes, largely	Yes, partly	No	Uncertain	Highly satisfied	Just satisfied	Not satisfied	Uncertain	Yes, largely	Yes, some only	No	Uncertain
Monitoring & Evaluation	6	4	1	5	0	0	1	4	1	0	1	5	0	0
Extension Planning	9	1	4	5	0	0	3	6	0	0	2	7	0	0
Human Skill	9	1	3	6	0	0	3	6	0	0	2	7	0	0

B. T/D ファーム活動 (T/D Farm Activities)

関与		関与事項			研修取得知識・技術の活用			
Yes	No	Planning	Guidance	Monitoring	Yes, largely	Yes, some only	No	Uncertain
10	0	10	10	10	1	4	1	0

C. ADC 活動 (ADC Activities)

関与		関与事項			研修取得知識・技術の活用			
Yes	No	Planning	Guidance	Monitoring	Yes, largely	Yes, some only	No	Uncertain
10	0	10	10	10	1	4	1	0

D. 業務への活用 (Utilization for Your Work)

	Yes, largely	Yes, some only	No	Uncertain
研修取得知識・技術の活用	3	7	0	0
技術能力が向上	3	7	0	0
業務及びJT/JTAsに対するサービスの質が向上	2	8	0	0

E. プロジェクトへの要望 (Request for the Project)

回答者からは以下のような意見があった。

- 現場研修の機会を DADO Officers に提供して欲しい。
- Extension Officer 以外の SMSs にはインセンティブがない。
- 明確な普及戦略を適用すべき。
- JT/JTAs が新たな適正技術の検証を行うためにも、T/D ファーム活動は試験圃場の要素を含めるべきである。
- ADC 側の要望・ニーズを強調すべきである。

JT/JTAs 向け調査

JT/JTAs については、ネパール語に訳した質問票に基づき、本評価の調査員が、対面式にて JT/JTAs からの聞き取りを行い、質問票への記入を行った。33 名（シンドパルチョーク 8、ヌワコット 7、ラスワ 6、ダディン 6、マクワンプール 6）からの回答が得られた。各質問項目に対する回答は以下のとおり（数値は回答者数）。

A. 研修 (Trainings)

研修コース	参加		ニーズ充足の度合い				満足度				新たなことを取得			
	Yes	No	Yes, largely	Yes, partly	No	Uncertain	Highly satisfied	Just satisfied	Not satisfied	Uncertain	Yes, largely	Yes, some only	No	Uncertain
Farmers' Needs Assessment	33	0	6	27	0	0	10	23	0	0	11	22	0	0
Extension Planning	30	3	10	20	0	0	12	18	0	0	9	21	0	0

B. T/D ファーム活動 (T/D Farm Activities)

関与		ニーズ充足の度合い				満足度			
Yes	No	Yes, largely	Yes, partly	No	Uncertain	Highly satisfied	Just satisfied	Not satisfied	Uncertain
33	0	15	18	0	0	9	24	0	0
新たなことを取得				DADO Officersからの指導		指導の適切さ			
Yes, largely	Yes, some only	No	Uncertain	Yes	No	Yes, appropriate	Yes, partly	Inappropriate	Uncertain
13	20	0	0	32	1	23	8	1	0

C. ADC 活動 (ADC Activities)

関与		関与事項			研修取得知識・技術の活用			
Yes	No	Formation	Survey	Guidance	Yes, largely	Yes, some only	No	Uncertain
12	21	12	9	11	3	9	0	0

D. 業務への活用 (Utilization for the Project)

	Yes, largely	Yes, some only	No	Uncertain
普及業務に係る技術能力が向上	8	25	0	0
研修取得知識・技術の活用	12	21	0	0
農民に対する普及サービスの質が向上	7	26	0	0

E. プロジェクトへの要望 (Request for the Project)

回答者からは以下のような意見が聞かれた。

- フィールドレベルの予算を扱う権限は全て JT/JTAs が持つべきである。
- プロジェクトは技術移転に焦点を当てる必要があり、農民のニーズにより対応すべきである。
- フィールドレベルの JT/JTAs へのインセンティブがない。
- JT/JTAs は日本研修の対象になっていない。
- 普及モデル農家は選定されているが、支援が実施されていない。
- プロジェクトによる機材は DADO だけでなくフィールドレベルに供与されるべき。

Questionnaire for DADO Officers
Mid-Term Evaluation on Agriculture Training and Extension Improvement Project in

This questionnaire is to verify effectiveness and impacts of training and extension activities undertaken by the captioned Project.

It would be highly appreciated if you could answer this questionnaire and return it to the Mid-term Evaluation Team.

A. Profile of Respondent

Name: _____

Position: SADO SMS, pls. specify _____

Name of DADO belong to: _____

Tel/Fax Nos.: _____

Date of Answer: _____

B. Trainings

1. Monitoring & Evaluation Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think this training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills from this training course?

Yes, largely Yes, some only No Uncertain

2. Extension Planning Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think this training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills from this training course?

Yes, largely Yes, some only No Uncertain

3. Human Skill Training

(1) Did you participate in this training? Yes No

If answer “Yes”, please answer following questions

(2) Do you think this training course met your demands/needs?

- Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

- Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills from this training course?

- Yes, largely Yes, some only No Uncertain

C. T/D Farm Activities

(1) Have you involved with T/D Farm Activities?

- Plan and preparation: Yes No
- Provision of guidance to JT/JTAs: Yes No
- Monitoring: Yes No
- Other involvement _____

(2) Have you utilized (applied) such knowledge and skills acquired from the above-mentioned trainings for T/D farm activities?

- Yes, largely Yes, some only No Uncertain

D. ADC Activities

(1) Have you involved with ADC Activities?

- Plan and preparation of ADC: Yes No
- Organization of ADC: Yes No
- Provision of guidance to JT/JTAs: Yes No
- Monitoring: Yes No
- Other involvement _____

(2) Have you utilized (applied) such knowledge and skills acquired from the above-mentioned trainings for ADC activities?

- Yes, largely Yes, some only No Uncertain

D. Utilization for Your Work

(1) What kinds of new knowledge and skills you have obtained from the above-mentioned trainings?

(2) Have you utilized (applied) such new knowledge and skills acquired from these trainings for your work?

- Yes, largely Yes, some only No Uncertain

→ If answer “Yes”, please state how and for what activities you have utilized these knowledge and skills you have obtained.

(3) Do you think that your technical capability has been improved thanks to the above trainings offered by the Project?

- Yes, largely Yes, some only No Uncertain

(4) Do you think that quality of your work and services provided for JT/JTAs have been improved because of these trainings?

- Yes, largely Yes, some only No Uncertain

F. Request for the Project

(1) You (DADO officers) are responsible to plan and undertake farmers’ need-based trainings for JT/JTAs, provide appropriate guidance for them, and monitor their extension activities, in order to enhance their capabilities and quality of their extension services.

In this regard, what kinds of knowledge and skills, do you think, are still lacking and required for you to obtain and enhance?

(2) If you have comments and request for the Project, please state freely.

THANK YOU VERY MUCH FOR YOUR COOPERATION!!

Questionnaire for JT/JTAs
Mid-Term Evaluation on Agriculture Training and Extension Improvement Project in

This questionnaire is to verify effectiveness and impacts of training and extension activities undertaken by the captioned Project.

It would be highly appreciated if you could answer this questionnaire and return it to the Mid-term Evaluation Team.

A. Profile of Respondent

Name: _____

Position: JT JTA other _____

Name of ASC/ASSC belong to: _____

Name of District belong to: _____

Tel/Fax Nos.: _____

Date of Answer: _____

B. Trainings

4. Farmers' Needs Assessment Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills on agricultural technique and extension?

Yes, largely Yes, some only No Uncertain

5. Extension Planning Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills on agricultural technique and extension?

Yes, largely Yes, some only No Uncertain

C. T/D Farm Activities

(1) Have you involved with T/D Farm Activities?

- T/D farm training (cultivation practice, farm management activities): Yes No

- T/D farm demonstration (Field Day): Yes No

If answer “Yes”, please answer following questions

(2) Do you think this activity meet your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this activity?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Have you obtained new knowledge and skills on agricultural technique and extension responsive to farmers’ needs?

Yes, largely Yes, some only No Uncertain

→ If answer “Yes”, please state what kinds of new knowledge and skills you have obtained.

(5) Are you provided guidance and supports by DADO staff (SADO/SMS)?

Yes No

→If answer “Yes”, do you think these guidance and support are appropriate?

Yes, appropriate Yes, partly appropriate Inappropriate Uncertain

D. Utilization for Your Work

(1) Do you think that your technical capability regarding extension activities has been improved thanks to the above trainings offered by the Project?

Yes, largely Yes, some only No Uncertain

(2) Have you utilized (applied) such new knowledge and skills acquired from these trainings for your extension works?

Yes, largely Yes, some only No Uncertain

(3) Do you think that quality of agricultural extension services provided by you to farmers has been improved because of these trainings?

Yes, largely Yes, some only No Uncertain

E. E/M Farm Activities

(1) Have you involved with E/M farm activities? Yes No

- Selection of E/M farmers: Yes No
- Situation analysis on cultivation practice and farm management: Yes No
- Provision of guidance to E/M farmers: Yes No

If answer “Yes”, please answer following questions

(2) Do you apply such knowledge and skills acquired from the above-mention trainings (especially T/D farm activities) for facilitating E/M farm activities?

- Yes, largely Yes, some only No Uncertain

F. ADC Activities

(1) Have you involved with ADC activities? Yes No

- Organizing/formation of ADC: Yes No
- Survey on ADC village: Yes No
- Provision of guidance to ADC members: Yes No

If answer “Yes”, please answer following questions

(2) Do you apply such knowledge and skills acquired from the above-mention trainings for facilitating ADC formation and its activities?

- Yes, largely Yes, some only No Uncertain

G. Request for the Project

(1) What kinds of knowledge and skills, do you think, are required to be obtained and enhanced in order to provide agricultural extension services responsive to farmers’ needs?

(2) If you have comments and request for the Project, please state freely.

THANK YOU VERY MUCH FOR YOUR COOPERATION!!

CONSULTANCY REPORT

SURVEY ON MID TERM EVALUATION OF AGRICULTURE TRAINING AND EXTENSION IMPROVEMENT PROJECT

SUBMITTED TO:
JICA NEPAL

SUBMITTED BY:
NIRANJAN K DANGOL
CONSULTANT

Oct 14, 2006

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1. Background

Agriculture Training and Extension Improvement Project is being implemented in five districts of Central Development Region of Nepal, with the technical and financial assistance of Government of Japan, since January 10 2004. The project is being implemented in Rasuwa, Nuwakot, Dhading, Makawanpur and Sindhupalchok districts. The total duration of the project is five years from the effective date of project. The main objective of the project is to adopt improved farming technology by the farmers in the project area through delivery of improved agricultural training and extension services based on their need.

Based on the record of discussions made between Nepal Government and Government of Japan, mid term evaluation of the project has been planned in Sep 2006 to assess the project interventions (quantitative and qualitative) whether they are in line with the project objectives/goal and also to provide necessary guidance/recommendation for betterment of the project for remaining project period.

In specific the mid term evaluation was mainly focused on

- To conduct a comprehensive evaluation of the achievements in accordance with the plan described in the R/D, the Project design matrix (PDM) and Plan of Operation (PO)
- To make recommendations to the project regarding future project activities and necessity of amendment of the project design at the intermediate evaluation stage.

The mid term evaluation was conducted by a joint team of Japanese and Nepalese experts. JICA has recruited a short term consultant (40 mandays) to assist the joint evaluation team especially for the collection, compilation and analysis of information as well as to conduct questionnaire survey.

Mid Term Evaluation Criteria

The project input, output and purpose of the project were evaluated using following five criteria:

- **Effectiveness:** Effectiveness was assessed by evaluating the extent to which the project has achieved outputs and project purpose.
- **Efficiency:** It was assessed by studying the relationship between inputs and outputs in terms of timing, quality, quantity and linkage development with JICA and other concerned organizations.
- **Relevance:** Relevance of the project was reviewed in terms of validity of project purpose and overall goal in connection with development policy of Nepal Government and needs of beneficiaries.
- **Impact:** Impact of the project was analyzed in terms of overall outcomes of project interventions in comparison to pre project period.
- **Sustainability:** Sustainability of the project was analyzed in institutional, financial, technical and environmental aspects by examining the extent to which the achievement of the project is to be sustained or expanded after the termination of the project.

2. Objective of consultancy service and delivery of reports

The main purpose of this consultancy service was

- To collect and process all necessary information regarding ATEIP (two and half years period) for mid term evaluation
- To assist Japanese evaluation team during field visit and support them in the preparation of mid term evaluation report
- To conduct mid term evaluation questionnaire survey at JT/JTA and district officer level

A consultant was appointed for 40 days from 21 August 2006 to assist Japanese Evaluation team and deliver following outputs:

- Prepare and submit detail plan of action
- Prepare a status report of different project interventions
- Prepare a final consultancy report of project

3. Methodology of data collection

Necessary information was collected from ATEIP project office, JICA and concerned government offices. Some individual interviews were conducted with project officers, project counterparts, ATEIP Japanese experts and other stakeholders to get qualitative information.

Field visits were also made in different places of the project districts to familiarize with field activities and to collect information from field workers and farmers. Field visits were also conducted for verification of information.

The questionnaires were designed separately for officers' level and field staff level. Questionnaire for field staff was prepared in Nepali whilst the questionnaire for district officers was prepared in English. The questionnaires were sent to respective DADO offices namely Sindhupalckok, Nuwakot, Dhading, Makawanpur and Rasuwa. DADO supported in administering questionnaire to officer and JT/JTA level and sending back to ATEIP office.

4. Findings

The input and outputs of the project interventions are presented below:

4.1 Description of Japanese Experts

Table -1 Details of Japanese Experts provided service in ATEIP

S.No.	Name	Designation	Period
1	Mr. Toru Kawakami	Chief advisor	9th Jan 2004 - 8 th Jan 2006
2	Mr. Fumito Daimaru	Extension Expert	9 th Jan 2004 - 8 th Jan 2006
3	Mr. Fumitoshi Yano	Project Coordinator/Training Expert	9 th Jan 2004 - 8 th Feb 2006
4	Ms. Yuko Shibuya	Project Coordinator/Training Expert	15 th Jan 2006 - 14 th Jan 2008 (on going)
5	Mr. Koji Terakawa	Chief Advisor/Agri extension Expert	8 th June 2006 - 12 th July 2006 3 rd Sep 2006 - 1 st Oct 2006 13 th Dec 2006 - 27 th March 2006 (on going)

Short Term Consultants

1	Mr. Takao Inamori	Short term consultant (Farmers' group mobilization)	1 st Dec 2004 - 31 st March 2005
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Source: ATEIP

There has been a provision of three long term Japanese experts in the project document. At present only two Japanese experts is delivering service to the project (Chief advisor/agri extension expert and project coordinator/training expert). Whilst discussing with concerned Nepali officials, they informed that due to limited project activities project chief advisor can also work as the extension expert (chief advisor/agri extension expert). Therefore, the title of the chief advisor has been provided with two portfolios i.e. Chief advisor / agri extension expert. The officials further informed that the project activities are running without any problems as before.

The time of dispatch of Japanese expert is as per the request of the project (Government of Nepal).

4.2 Equipment Support

Around 12.47 M Nepalese rupees have been expended under equipment heading (from January 2004 to July 10 2006). (Refer to annex 2 for details of equipments and machinery based on the summary report of first assigned period, prepared by Koji Terakawa, Chief advisor, ATEIP)

The Nepalese officials informed that if some discussion could have been made between Japanese side and Nepalese side before the purchase, it would be more appropriate.

The equipments such as laptop computer set, laser printer, volt guard, overhead project, multimedia, screen, fax machine, photocopy machine, generator, digital camera, PH meter, motorbike, cycle, chair, curtain etc have been provided to DADOs. These equipment/machineries have been used in project activities. The project also provided training for the operation of these equipments which ultimately helped them in the operation of the equipments/machineries.

4.3 Counterpart training

The following table shows the description of training provided to Nepalese counterparts and DADO officers:

Counterpart training in Japan

Name	Designation/Office	Duration and time of C/P training															
		2004				2005				2006				2063/64			
		English year				Japanese year				2006				2063/64			
I		II		III		IV		I		II		III		IV			
Quarter	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	
Mr S. S. Shrestha	Director General, DOA																
Mr S. R. Varma	Joint Secretary, MOAC																
Mr. S. B. Aryal	Regional Director, RD KTM																
Mr R. R. Adhikari	Extension Officer, DADO Rasuwa																
Mr. T. P. Dawadi	Extension Officer, DADO Makawanpur																
Mr P. M. Shakya	Project Officer, ATEIP																
Mr. O. B. Adhikari	Extension officer, DADO Nuwakot																
Mr. G. Shrestha	Training counterpart/CATC KTM																
Mr. P. Shrestha	Extension Counterpart/ EXT Directorate, KTM																
Mr. K R Hamal	Extension Officer, DADO Dhading																
Mr. K. P. Subedi	Extension Officer, DADO Sindhupalchok																

Source: ATEIP records

From the table, it is clear eleven counterpart personnel have been trained in Japan during two and half year period. Four persons are still getting training in Japan. Whilst discussion with the people who trained in Japan have mentioned that it has helped them to fulfill their needs and delivering better service in the project area.

5.1 Appointment of counterpart personnel

The following diagram shows the detail of information about counterpart personnel from Nepalese side.

Status of Counterparts provisions as per R/D documents. Refer to appendix 11 for details of JT/JTAs involved in project activities.

S. No	Name	Nepali FY		2061/62		2005		2006		63/64
		English year		2004		2005		2006		
		Japanese year		II		III		IV		
		2060/61	2004	2005	2006	2007	2008	2009	2010	2011
1	Mr. Surat Babu Aryal	Project Director								
2	Mr. Bijaya Malik	Project Director								
3	Mr. Pravin Shrestha	Extension Counterpart								
4	Mr. Ram Krishna Shrestha	Training counter part								
5	Mr. Ganesh Shrestha	Training Counterpart								
6	Mr. Purna Man Shakya	Project officer								
	Other support staff from Nepal Government Side other than R/DF document									
1	Mr. Chirinjibi Adhikari	JT, ATEIP								
2	Mr. Gyamu KC	Non Gaz 1st class (adm)								
3	Mr. Chandra Bir Tamang	Driver, ATEIP								
	SMS involved in ATEIP activities									
1	Mr. Som Nath Ghimire	Plant Protection Officer, Nuwakot								
2	Mr. Om Bahadur Thapa	Extension Officer, Nuwakot								
3	Mr. Mahendra Prasad Chaudhary	DADO, sindhupalchok								
4	Mr. Kul Prasad Subedi	Extension Officer, Sindhulok								
5	Mr. Lokendra Bohara	Plant Protection Officer, Sindhulok								
6	Mr. Narayan Prasad Khanal	Senior DADO, Rasuwa								
7	Mr. Raja Ram Adhikari	Extension Officer, Rasuwa								
8	Mr. Shiva Prasad Risal	Plant Protection Officer, Rasuwa								

S. No	Name	Nepali FY	2060/61				2061/62				2062/63				2063/64				
			2004				2005				2006				2007				
			I		II		III		IV		I		II		III		IV		
2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
9	Mr. Tej Prasad Dawadi,	Extension officer, DADO Makawanpur																	
10	Mr. Kali Prasad Koirala	Horticulture Officer, DADO Makawanpur																	
11	Mr. Kasi Raj Hamal	Extension officer, DADO Dhading																	
12	Mr. Sudhir Shrestha	Horticulture Officer, DADO Dhading																	
13	Mr. Praksah Pandey	Plant protection Officer, Dhading																	

5.2 Provision of Land, Building and facilities

Three Office rooms have been provided to project in Regional Directorate KTM. The DADO staffs have supported to make arrangement to use land of co-operative farmers to carry project interventions (T/D farm, E/M farm).

5.3 Activities Accomplished / Results

The activities conducted by the project is presented in accordance with the R/D document.

1. Agriculture training

Activities	Activities accomplished and Results	Remarks
1.1 Conduct training need assessment	<ul style="list-style-type: none"> The project has assessed the training needs of officers, JT/JTAs and planned training for them accordingly. The need assessment survey identified the various areas where the training inputs are required. The project provided training to DADO staff (officer and field staff) based on priority basis. The training course was designed in a participatory way with the discussion with concerned officers and JT/JTAs. The “Need Assessment Training” has been provided to concerned officers and JT/JTAs of DADO office. The JT/JTAs were trained in conceptualizing and identifying the real need of farmers and prioritizing the needs whilst the officers were trained on Farmers need based extension planning; monitoring & evaluation; and Human Skill Development (3 training for officers level has been conducted so far). The overall evaluation of training reports shows that the training has helped field staff to build up confidence in assessing the farmers’ need and conducting agricultural activities. The guideline for TD farm also helped field workers in recording status of crop, associated problems and possible solutions. 	Refer to annex 3.1 & 3.2 for details of training activities conducted by the project
1.2 Conduct practical training for staff of DADO	<ul style="list-style-type: none"> ATEIIP has focused on practical training rather than theoretical training. So far the project has conducted three events of capacity building training for field officers. The trainings were designed in regards to the problems and needs of field officers. The first training was provided on “Monitoring and Evaluation of Extension activities” for three days duration and 20 officers participated on the training. The main objective of the training was to impart skill on designing M&E mechanism of various programs, through analyzing whole process of T/D farm learning. The training covered different topics like overview of T/D farm, analysis of district reports, Discussion on M&E mechanism of cultivation skills of training in T/D farms, Building up M&E mechanism of TD Farm. The training was designed in a participatory way with Field officers and used training tools like lecture and discussions, presentation and analysis, workshop. The training helped participants to understand concept of different methods, tools and processes of M&E mechanisms and also made them clear about concept of T/D farm. The practical approach (case study approach) of training made them easy to identify about limitations (of JT/JTAs’ & farmers) and determining 	<p>Refer to annex-3.1 for details</p> <p>Refer to training report prepared by ATEIP “ Monitoring & Evaluation of Field Level Activities” for Officers, April 2005</p>

Activities	Activities accomplished and Results	Remarks
	<p>conceivable intervention (suggestions).</p> <ul style="list-style-type: none"> • The second training was conducted in “Agriculture Extension Planning” for three days duration. 17 Officers have been trained in Agriculture Extension Planning. The training was mainly focused on different tools, approach and approaches of extension planning. The training evaluation report shows that the training has empowered them in preparing agriculture extension plan of the district using different tools and approaches that they learnt in the training. • The third training was conducted in “Human Skill Development” for 5 days in Kathmandu during 14-18 August 2006. Sixteen officers from DADO, RAD, Training directorate and ATEIP have been trained in Human Skill Development training. The main objective of the training was to impart skills on Skills that are essential for conducting program activities at field such as communication skills, motivation skills, writing proposals and reports. 	
<p>1.3 Conduct practical training for JT/JTAs</p>	<ul style="list-style-type: none"> • Altogether 182 JT/JTAs (cumulative persons) have been trained in last two and half year's period. JT/JTAs' have been trained in “Farmers’ need assessment” and Farmers’ need based extension planning. Each training was conducted for three batches as the number of JT/JTAs’ is much higher to adjust in one group. The maximum number of participant in a batch of training is 30. Provision of pre-test and post test made easier to evaluate the skills that they have learnt in the training. The presentation and discussion of real case of the field made the participants easy to understand farmers’ problem, need, weakness and potentialities. • The first training provided to JT/JTAs was "Farmers’ Need Assessment” training. The main objective of the training was to determine areas of improvement of FNAs through sharing of experiences and also to impart knowledge of JT/JTAs about concept and nature of farmers need. . Altogether 98 JT/JTAs of DADO office have been trained in Farmers’ need assessment. The training was conducted in three batches during the period of Nov 2004 – June 2005. The training covered different topics like Sharing Farmers’ need assessment and area of improvement areas, concept and nature of farmers’ need, various techniques of need assessment, skill for better interviewing, problem analysis, identification of needs and preparation and presentation of reports. The training report shows that the training has helped JT/JTAs to identify real needs of farmers, prioritizing the needs in accord to available resources and translating it into action plan. • The other training conducted was: “Farmers’ need based extension planning” of five days duration in Kathmandu 	<p>Refer to annex- 3.2 for details of JT/JTAs training</p>

Activities	Activities accomplished and Results	Remarks
	(March- June 2006). Altogether 84 JT/JTAs have been trained in Farmers' need based Extension planning training. The holistic approach and modern training tools and techniques used in the training made them the training more interesting and practical. The training evaluation report shows that JT/JTAs became confident to use these skills in the planning of ADC activities.	
1.4 Conduct practical training for farmers	<ul style="list-style-type: none"> • 15 training events targeting 375 farmers have been planned in 2006/07. • After capacity building of field workers, the training for farmers, Agriculture Development Committee members and Extension/ model farmers have been planned in FY 2006/07. The trainings have been planned through red book program. Farmers' practical training has also been planned in the program prepared by ADC. 	Abstracted from annual program of DADO program 2006/07 and Annual program submitted by ADC, Nuwakot to ATEIP

* refer to annex-

2. Agriculture Extension

Activities	Results (Accomplished so far)	Remarks
2.1 Assess farmers need	<ul style="list-style-type: none"> • Based on the need assessment of JT/JTAs', T/D farm and farmers' field day activity have been developed which ultimately empowered extension workers in different cereal and vegetable crops. So far 20 T/D farm activities have been conducted in crops like wheat, Paddy, cauliflower, brocauli, okra, potato, Cucumber, long bean, cabbage, and bitter gourd. This has build up the confidence of field workers (and farmers to some extent) are also acknowledged in specific farm management and practical learning in specific crop. (Refer to 6 for details) • Realizing duration of one season is not sufficient for T/D farm from farm management perspective, a year round T/D farm activity has been planned in 2006/07. • The project has empowered SMS/JT/JTA of DADO in the assessment of farmers need and problems along with agriculture extension and planning. In the field, T/D farm activity is based on assessment of needs and problems of farmers keeping in mind exploring the potentialities of different agro climatic and other conditions. The JT/JTAs' assess the need and problems of the farmers and plan accordingly in accord to the available technical and financial resources. • During the need assessment of farmers' prioritization of need has seen as one of the main concerns for JT/JTA as they have to prepare plan with limited resources but lots of need/demand. • Similarly, Agriculture Development committees have also been formed to work upon farmers' need based issues and prepare plan accordingly. So far five ADCs have been formed and have conducted farmers' need assessment in the districts of which two plans have been submitted to ATEIP for technical support. 	Refer to annex -6 for details of T/D farm
2.2 Prepare	<ul style="list-style-type: none"> • In order to accomplish task efficiently, SMS/JT/JTAs have 	

Activities	Results (Accomplished so far)	Remarks
participatory agriculture extension plan on priority items	<p>been trained in agriculture extension planning. So far 17 Officers and 182 JT/JTAs' have been trained in Farmers' need based agriculture extension planning.</p> <ul style="list-style-type: none"> • The concept of Agriculture Development Committee has also been introduced for efficient extension planning. The ADC comprises of 18 members; 2 representatives from each ward and a provision of chairman, Vice chairman, secretary have been made to regulate and function of the ADC. So far five ADC have been formed and all ADCs have done need assessment and prioritization of their needs. Based on the prioritization, two ADCs have submitted their participatory extension plan on priority items to ATEIP through DADO for support. According to project officials, ATEIP has taken these plans positively. The agriculture extension plan prepared by ADC contains basic technical training, irrigation facilities and marketing activities. • As per the view of extension workers, ADC is good concept as it does focus on real farmers rather than political persons. However, ADCs are immature, it requires strengthening especially in technical and institutional and financial aspects (fund raising & fund management aspects). • Similarly, Concept of E/M farmers has also been introduced to demonstrate the local farmers about the improved and profitable technologies including the technologies adapted by JT/JTAs in T/D Farm. So far 19 E/M Farmers have been developed in the total project area. However, no specific program from the project has been launched yet for E/M farmers. 	Refer to annex-10 for details of E/M farmers
2.3 Implement agriculture extension plan	<ul style="list-style-type: none"> • The Annual plan of DADO regarding ATEIP has been implemented in a planned way. The progress reports of DADO and RAD shows that all targeted activities have been accomplished in a planned manner. Realizing the DADO activities are limited, activities have been increased to some extent in 2006/07 annual program of DADO. • All Five ADCs district have assessed their need and submitted to DADO. Based on the priority, two DADOs have submitted the plan to ATEIP. According to ATEIP, these plans will be supported on the basis of prioritization and fund available in the project. The plan contains activities like farmers' training, capacity building of E/M farmers, micro irrigation etc. 	
2.4 Monitor and evaluate agriculture extension plan	<ul style="list-style-type: none"> • The main activity of the project carried out in the districts is T/D farm activity. The plans of TD farm are generally prepared by JT/JTAs under guidance of SMS. Whilst establishing T/D farm, a detail plan of action is also prepared and they need to follow the plan. The project has developed a guideline for the T/D farm implementation. JT/JTAs regularly visit T/D farm and record the observation of crop on the farmat provided by ATEIP. They discuss with SMS about the crop situation whenever required. The SMS of the district monitor the performance 	

Activities	Results (Accomplished so far)	Remarks
	<p>of JT/JTAs and provide guidance whenever required.</p> <ul style="list-style-type: none"> The final outputs of T/D farm is evaluated by SMS with the consensus of involved Jt/JTAs to see the impact of the TD farm in terms of efficiency build up of involved JT/JTA and in terms of output of the farm (productivity). However, reporting system to project is not so regular. The annual plans prepared by ADC will also be implemented in coordination with DADO office and monitoring will also be done by JT/JTAs, SMS/DADO and farmers. 	

3. Coordinated activities of different services

Activities	Results	Remarks
3.1 Coordinate the project activities in line with the Nepal Governments' development plan at central and district level	<p>The field activities of ATEIP have been disseminated to other line agencies through workshop at each district and central level at the very beginning of the project. The district level information exchange is being done through District Agriculture Development Committee of District Development Committee. However, the co-ordination is not so proper at implementation level. At the farm level, the co-ordination is done with local farmers through field day activities and other formal/informal meetings.</p> <p>Whilst at Central level, Co-ordination is done through Joint Coordination Committee meeting. Other formal/informal meetings are also organized whenever appropriate.</p>	
3.2 Involve Key stakeholders (donors, NGOs, CBOs) in district level meeting for planning and monitoring	<p>Whilst in the planning stage, concerned stakeholders (farmers, Technicians) are involved at field level and discussed with other line agencies at District Agriculture Development Committee at District council meetings. However, the coordination with other NGOs, CBOs, private sector and other donor is a lacking part. However, ADC could be a possible forum for such co-ordination at local and district level.</p>	

Evaluation of Outputs

Accomplishment of each output at the time of evaluation is as follows:

Objectively verifying indicators	Results (tasks planned to determine result)
Extension workers agree that their technical skill are met (quantitative indicators will be determined with the PO after the first year activities of the project)	<p>The survey conducted by JICA on 11 Sep -20 Sep 2006 showed that the technical skill of JT/JTAs have been increased to some extent in specified crop. Out of 33 respondents JT/JTAs, all were participated in "Farmers' Need Assessment" training of which 82% responded that the training has fulfilled their demand to some extent whilst 18 % responded it fulfilled their need. Similarly, 67 percent of respondents said that the training has improved their skill to some extent whilst 33 percentage respondents reported that it imparted their skill largely. Some of the major areas on which they imparted skills are farmers' need identification & prioritization, planning at grass</p>

	root, application of use of pesticides & disease control in specific crops, record keeping, estimating cost of production and different aspects of farm management.
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Farmers' need based extension services are delivered

Objectively verifying indicators	Results (tasks planned to determine result)
Farmers' agree that their needs are fulfilled by the extension services	Very limited inputs has been provided to farmers. The project has just started to work at farmers' level. Therefore, it would be too early to discuss this issue in this mid term evaluation and it should be covered in the final evaluation of the project.
Extension workers are satisfied with their delivery services	Based on the questionnaire survey, Out of 33 respondents JT/JTAs, 61% has reported that they learnt to some extent from the ATEIP training whilst 39% have reported that they learnt largely from these training, Thus, it can be analyzed that at least the JT/JTAs have learnt some practical knowledge from ATEIP training activities. Some of the areas they demanded for further training are Controlling disease and use of pesticides in specific crops, integrated nutrition management training, IPM training in tomato and potato, information about latest technology developed by research and other institutions, training on organic farming, practical training on strawberry, training on water management aspects, a month long training on cash crops, vegetable & fruits, T/D farm training in other crops rather than the one which they have completed, & ADC mobilization training. Similarly 79% of JT/JTAs responded that the services that they are delivering to farmers have been improved to some extent whilst 21% of the JT/JTAs responded that the quality of extension services improved largely. This indicates The extension workers agree that the quality of their extension delivery has improved to some extent in compare to pre project period.

Activities of different service providers in agricultural training and extension are coordinated

Objectively Verifying indicator	Results
Farmers agree that agriculture training and extension activities are delivered in a coordinated way	No questionnaire survey conducted at farmers' level and it has been planned to survey at farmer's level during final evaluation of the project. During the discussions with the farmers associated with ATEIP has mentioned that ATEIP has improved the quality of services of field workers to some extent. However, it require more coordination with local service providers, community based organization and district level line agencies.

5.4 Results of mid term evaluation questionnaire survey

The mid term evaluation conducted at five project districts at JT/JTA level shows that the project has helped in empowering JT/JTAs and district officers. The commodity specific practical training provided to JT/JTAs through TD farm activities is found more effective to enhance the technical skills of JT/JTAs where as other training conducted at central level (Farmers' need assessment and Farmers' need based agriculture planning training) mainly helped in gaining different useful tools and techniques.

Similarly, the district officers are also empowered in different specific field through the training provided by ATEIP. The training has helped the district officers to carry out their day to day job in an efficient manner.

However, ATEIP interventions are implemented to very limited scale, therefore all JT/JTAs are not able to use their skills at fields. The study has also identified what specific skills they have learnt and what specific skills they require to increase their efficiency. Please refer to appendix-12 for detail MID TERM EVALUATION QUESTIONNAIRE SURVEY REPORT.

6. Conclusions and Recommendations

Based the findings of field observation, discussion with JT/JTAs and JT/JTA questionnaire survey, the following conclusions can be drawn:

- Based the findings of questionnaire survey, the project has empowered JT/JTAs and field officers to some extent in certain areas. The training provided by the project is more practical and useful for extension workers. However, the area of intervention is limited and it should be expanded in coming years.
- Among interventions carried out by the project T/D farm activity is more effective and has helped JT/JTAs to learn practical skill in specific crops. The farmers and JT/JTAs are aware of objectives of T/D farm activities and want to do more T/D farm activities in other crops as well. The extension of TD farm period from one crop season to a year round crop period seems fine to learn more on different crops for JT/JTAs. The project should also motivate DADO to incorporate T/D farm activities in DADO regular programme and this should be considered as project up scaling and sustainability strategy.
- ADC activity seems fine in principal. So far very limited activities have been done in this aspect. The modality and implementation strategy should be clear to achieve the desired goal through ADC. Upgrading skills of ADC seems fine and it should be continued along with clear cut vision of ADC (How ADC would act at present and after closure of project, fund generation mechanisms, legal status)
- The logistics (equipments and machinery provided by the project has enhanced the capability of DADO and the equipments are being used in conducting ATEIP programmes. However, it is found that some agriculture service centres are not getting access to these equipments whilst conducting programs.
- The JT/JTAs has identified many issues to be dealt with for the betterment of the project. Out of which Mobility cost (TA/DA) of JT/JTAs is one of the prime factors that may effect the overall progress of the project. Therefore, this should be taken seriously and sorted out as soon as possible.

Annex 1

Counterpart training in Japan

S. No.	Name	Designation/Office	Course	Duration/ period	Remarks
1	Mr S. S. Shrestha	Director General, DOA	Agriculture Extension Training	March 28, 2004 – April 10, 2004	Transferred
2	Mr. S. B. Aryal	Regional Director, RD KTM	Agriculture Extension Training	March 30, 2005 – April 17, 2005 (19 days)	Transferred
3	Mr S. R. Varma	Joint Secretary, MOAC	Agriculture Extension Training	March 28, 2004 – April 10, 2004	On leave
4	Mr P. M. Shakya	Project Officer, ATEIP	Agriculture Extension, Planning and Management Training	Aug 30, 2005 – Nov 5, 2005 (2 months)	Still assigned in project
5	Mr R. R. Adhikari	Extension Officer, DADO Rasuwa	Agriculture Extension Training	May 19, 2005 – July 9, 2005	Still assigned in project area
6	Mr. O. B. Adhikari	Extension officer, DADO Nuwakot	Agriculture Extension, Planning and Management Training	Aug 30, 2005 – Nov 5, 2005 (2 months)	Still assigned in project area
7	Mr. T. P. Dawadi	Extension Officer, DADO Makawanpur	Agriculture Extension Training	May 19, 2005 – July 9, 2005	Still assigned in project area
8	Mr. G. Shrestha	Training counterpart/CATC KTM	Agriculture Extension, Planning and Management Training	Sep- Oct, 2006 (2 Months)	Still assigned in project area
9	Mr. P. Shrestha	Extension Counterpart/ EXT Directorate, KTM	Agriculture Extension, Planning and Management Training	Sep- Oct, 2006 (2 Months)	Still assigned in project area
10	Mr. K R Hamal	Extension Officer, DADO Dhading	Agriculture Extension, Planning and Management Training	Sep- Oct, 2006 (2 Months)	Still assigned in project area
11	Mr. K. P. Subedi	Extension Officer, DADO Sindhupalchok	Rural Dev for small scale farmers through agricultural co-operatives activity Training (on going)	Sep- Oct, 2006 (2 Months)	Still assigned in project area

Training in other countries

1	21 persons from Project, DOA, CATC, DADO		Agri training cum Study visit India (10 days)	24 Aug 2006 – Aug 31 2006	Still assigned
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Annex 2.1

List of equipments Purchased**Equipments purchased from Japan**

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
1	A	2	Laptop PC	IBM	3
2	A	2	Multimedia Projector	HP	1
3	A	2	Amplifier	TOA	1
4	A	2	Laser Printer	Canon	1
5	A	2	Over Head Projector	3M	1
6	A	2	Screen	O-es	1
1	A	3	Digital Balance	O-house	1
2	A	3	Digital Camera	OLYMPUS	2
3	A	3	Digital Video Camera	SONY	1
4	A	3	File Maker Pro 6 Japanese	Filemaker	1
5	A	3	Mobile Generator	HONDA	1
6	A	3	Mobile Printer	Canon	2
7	A	3	Moisture Meter for rice	Shiro	1
8	A	3	MS-Office Professional Japanese	Microsoft	3
9	A	3	Stabilizer 1KV	MATSUNAGA	2
10	A	3	Stabilizer 2KV	MATSUNAGA	1
11	A	3	Wireless Crip Mike	TOA	1
12	A	3	Wireless Tuner	TOA	1
1	A	4	Acidmeter	Shiro	1
2	A	4	Carring Bag for IBM PC	IBM	3
3	A	4	FDD for Lapotp PC	IBM	3
4	A	4	Loupe (× 4)	Eschenbach	2
5	A	4	Mouse	Elecom	3
6	A	4	Nortom Antivirus Japanese	Symantec	3
7	A	4	OHP Carrying Bag	3M	1
8	A	4	Picture Card for Digital Camera	OLYMPUS	2
9	A	4	Pointer	Open	1
10	A	4	Tripod for Digital Video Camera	SONY	1
11	A	4	Vide Studio 7	ULEAD	1

Source: ATEIP

Note:

Scheme of purchase

A = Equipments that are carried from Japan

B = Equipments that are purchased locally according to demand of DADO

C = Equipments that are purchased according to A4 form

Rank:

1: Equipments that cost more than JY 1600,000

2: Equipments that cost above JY 200,000 and below NRs 1600,000

3: Equipments that cost above JY 20,000 and below NRs 200,000

4: Equipments that cost below JY 20,000

Annex 2.2

Equipments purchased locally

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
First lot					
1	B	3	Generator	Yunk	1
2	B	3	Stabilizer 2KV	Matsunaga	1
Second lot					
1	B	4	Book Shelf		3
2	B	4	Book Shelf (Small)		1
3	B	4	Fax Machine		5
4	B	4	File Ruck 3Drower		1
5	B	4	File Ruck 4Drower		4
6	B	4	Gas Heater		2
7	B	4	Kerosin Heater		3
8	B	4	Project Area Map		1
9	B	4	Printer Table		2
10	B	4	Stabiliser 1KV		4
11	B	4	Voltage Guard 1KV		4
12	B	4	Stabilizer 1.5KV		1
13	B	4	Voltage Guard 3KV		2
14	B	4	White Board		1
15	B	4	Revolving Chair		2
16	B	4	Computer Desk		2
17	B	4	Voltage Guard 0.5KV		1
18	B	4	UPS for Desktop computer		3
19	B	4	Chair		24
20	B	4	Table		12
21	B	4	Olympus Camedia C-460 Zoom Digital Camera	Olympus Corporation	5
22	B	4	Scanner	Canon	1
23	B	4	Card Reader/Writer	Universal Serial Bus	5
24	B	4	Olympus xD Picture Card M-XD64P	Olympus Corporation	5
25	B	4	Stabi-Guard 3KVA	Beltronix	5
26	B	4	Stabi-Guard 2KVA	Beltronix	5
27	B	4	Cycle	Santosa	5
28	B	4	Olympus Camedia C-480 Zoom Digital Camera	Olympus Imaging Corporation	6
29	B	4	Line Stabilizer	Model cp 2000	1
30	B	4	Book self		1
31	B	4	Cycle (Mountain bike)	Carmaxvigen	2
32	B	4	Generator Shed		1
33	B	4	External hard drive	IBM travelstar	3

Source: ATEIP

Annex 2.3

Equipments purchased through A4 form

Serial No	Scheme of Introduction	Rank	Name of Equipment	Maker	Quantity
3	C	1	Vehicle	Nissan	3
1	C	2	Laser Color Printer	Epson	1
2	C	2	Photocopy Machine	Kyocera	2
1	C	3	Desk	Home Maker	3
2	C	3	Chair	Home Maker	3
3	C	3	Chair	Home Maker	
4	C	3	Chair	Home Maker	
5	C	3	Desktop PC	HP/Compaq	3
6	C	3	Laser Fax	Canon	1
7	C	3	Meeting Desk	Home Maker	1
8	C	3	Meeting Chair (Long)	Home Maker	1
9	C	3	Meeting Chair (Short)	Home Maker	2
10	C	3	Mobile PC	HP/Compaq	2
11	C	3	Mobile Printer	Canon	2
12	C	3	Mobile Printer	Canon	
13	C	3	Monitor for PC	HP/Compaq	3
14	C	3	Motorcycle		5
15	C	3	Microsoft Office Professional Edition 2003	Microsoft	6
16	C	3	Mobile PC	HP/Compaq	5
17	C	3	Printer LBP-2000	Canon	5
18	C	3	Multimedia Projector EMP-81	Epson	5
19	C	3	Generator YK1700		5
20	C	3	Motorcycle		5
21	C	3	Photocopy machine	Kyocera	5
22	C	3	Motorcycle (Honda)		3
23	C	3	Wireless Amplifier (WA-320)	Ahuja	5
24	C	3	Tripod Screen (160×160)		5
25	C	3	OHP(A+K), 350 modle, portable		4
26	C	3	Cycle (Mountain bike)	Carmaxvigen	6
27	C	3	pH meter		5
28	C	3	Photocopy machine	kyocera	1
29	C	3	Cycle (Mountain bike)	Carmaxvigen	4

Source: ATEIP

Annex 3.1

Description of training conducted by ATEIP

Officer level Training

S No	Training Course	Duration of training	Date	No. of participants	Venue	Remarks
1	Officer Level Capacity Building Training on "Monitoring and Evaluation of Field Level Extension Activities"	3 days	February 14 - 16, 2005	20	Horticulture training Centre, KTM	Dhading -2, Makawanpur -4, Rasuwa -1, Nuwakot -3, Sindhupalchok -3, RDA Central Region -5, AED -1, ATEIP -1
2	Officer Level Capacity Building Training on "Farmers' Need Based Extension Planning"	5 days	December 26-30, 2005	17	Horticulture training Centre, KTM	Dhading -4, Makawanpur -3, Rasuwa -3, Nuwakot -1, Sindhupalchok -3, RDA Central Region -3,
3	Human Skill Development Training for Officers	5 days	August 14 -18, 2006	16	ATEIP training hall	Makwanpur-2, Nuwakot-2, Sindhupalchok-3, Rasuwa-2, Dhading-2, Regional Agri Directorate-2, Directorate of Agri Training-2, ATEIP-1
Total				53		

Source:ATEIP

Annex 3.2

Description of training conducted by ATEIP for JT/JTA level

S No	Training Course	Duration of training	Date	No. of participants	Venue	Remarks
1	JT/JTA Level Capacity Building Training on "Farmers' Need Assessment	5 days	1st batch : November 6 - 10 December , 2004; 2nd batch: February 24 - 28, 2005; 3rd batch: May 29 - June 2, 2005	98	Horticulture training Centre, KTM	Dhading -26, Makawanpur -26, Rasuwa -8, Nuwakot -22, Sindhupalchok-16
2	J.T/JTA Level Capacity Building Training on "Farmers' Need Based Extension Planning"	5 days	First batch: Dec 26-30, 2005 2nd batch: 8 -12 May 2006 3 rd Batch: May 29 – June 2 2006	84	Horticulture training Centre, KTM	Dhading - , Makawanpur - , Rasuwa - , Nuwakot - Sindhupalchok -

Total

182

Source: ATEIP

Annex 4

Status of budget and expenditure from Nepal government side for ATEIP

Fiscal Year	2060/61 (July 16 2003- July 15 2005)		2061/62 (July 16-July 15 4005)		2062/63 (July 16 2006- July 15 2006)		2063/64 (July 15 2006- July 15 2007)		Total		Total of first three years	
	Budget	Exp	Budget*	EXP	Budget*	EXP	Budget*	Exp	Budget	Exp	Budget	Exp
RD KTM	2,000,000	1,171,000	1,665,000	1,446,500	1,639,000	1,300,957	1,310,000	3,918,457	6,614,000	3,918,457	5,304,000	3,918,457
DADO Sindhu			304,000	260,580	281,000	264,492	330,000	525,072	915,000	525,072	585,000	525,072
DADO Rasuwa			284,000	240,754	214,000	197,240	321,000	437,994	819,000	437,994	498,000	437,994
DADO Makawanpur			334,000	302,466	280,000	279,556	355,000	582,022	969,000	582,022	614,000	582,022
DADO Dhading			344,000	213,093	280,000	249,103	361,000	462,196	985,000	462,196	624,000	462,196
DADO Nuwakot			344,000	280,464	280,000	263,283	361,000	543,747	985,000	543,747	624,000	543,747
Total	2,000,000	1,171,000	3,275,000	2,743,857	2,974,000	2,554,631	3,038,000	6,469,488	11,287,000	6,469,488	8,249,000	6,469,488
Nepalese Government Contribution In NRs (%) (excluding KRII fund)			400,000 (12.2%)		380,000 (12.78%)		400,000 (13.2%)					
% of Expenditure in comparison to Budget				83.78		85.90						78.428
% increase/decrease in comparison to pr year			63.75		-9.19	-6.90	2.15					

* Including KRII Fund

- The percentage of expenses seems satisfactory in comparison to allocated budget
- The budget of 2005/06 seems slightly decreased in comparison to previous year
- JICA direct funding for project operational cost (including experts cost) is JY....

Annex 5

Status of budget and expenditure of ATEIP in (000 NRs) (contribution of Nepal Government & JICA)

Fiscal Year	Before inception 2060/61 (July 16 2003- July 15 2004)		2061/62 (July 16 2004-July 15 2005)		2062/63 (July 16 2006-July 15 2006)		2063/64 (July 15 2006-July 15 2007)		2064/65 (July 16 2007 - July 15 2008)		205/66 (July 16 2008- 15 July 2009)		Total Budget of project		Total of expenditures upto July 15 2006	
	Budget	Exp	Budget	Exp	Budget	EXP	Budget	EXP**	Budget	EXP	Budget	EXP	Budget	EXP	Budget	EXP
Source of Funding																
GoN (including KR II)	2,000	1,171	3,275	2,743	2,974	2,554	3,038		3,750	5,000	6,468	20,037	11,287	6,468		
JICA Direct Funding*	9,214	9,214	5,990	5,990	4,671	4,671	8,684	8,684	6,250	5,000	28,559	39,809	28,559	28,559		
Total Budget	11,214	10,385	9,265	8,733	7,645	7,225	11,722	8,684	10,000	10,000	39,846	59,846	39,846	35,027		
% expense in comparison to Budget		92.61		94.26		94.51		74.08								
% increase/decrease in total budget in comparison to previous year				(17.49)			53.33		(14.69)							

Exp: Expenditure

* According to Japanese Fiscal Year (1st April to 31 March)

** Expenses upto 2006 July 10

Annex 6

Perceptions of Nepalese Counterpart

1. Mr. Prabin Shrestha, Officiating Director, Agriculture Extension Directorate

Mr. P Shrestha has been working as extension counterpart in ATEIP from the very beginning of the project. He mentioned that the material and equipments provided by the project made DADO work easier.

Formation of Agriculture Development Committee (ADC) is a good initiative for agriculture planning to pin point the real needs of the farmers. ADC can be a good forum to develop program and co-ordinate with concerned line agencies. The strengthening of ADCs is necessary to sustain the program. The project has not been able to support program developed by ADCs, in a effective manner. The sustainability of such ADC is questionable, as it is very immature and source of funding is uncertain. However, this year some program have been developed and submitted to ATEIP for support.

The other important intervention carried out by the project is Training and Demonstration Farm. The original concept was to develop limited number of TD Farms and to run it continuously for few years but later due to certain circumstances, the concept was changed and duration has been limited to a crop season. He has also suggested that a TD farm should be run at least for a year cycle to learn/demonstrate year round cropping pattern. This has been planned in the annual program of DADO in fiscal year 2006/07.

He also mentioned that the conflict between the Japanese experts and Nepalese side was one of the reasons for the low progress of the project (even the target is not clear but more could have been done). As the new advisor (team) arrived, these disputes reduced drastically.

The training provided by the project seems more practical than those organized by Agricultural Training centers as the training has been able to address the need of field workers.

Most of field staff of DADO are less motivated towards project as the project does not provide any direct incentive. So some program must be conducted in order to motivate field staff.

2. Mr. Ganesh Shrestha, Training Counterpart, Central Agriculture Training Centre

Mr. Shrestha joined ATEIP one and half years ago. He mentioned that the training program conducted by the project are more practical and is based upon the need of the field staff. also expressed that the project is for improvement of the training and extension system but how to translate it in reality is not clear and is entirely based on hit and trial basis. Further, He also mentioned that these programs should be coordinated with Agriculture training centers, in order to make these sustainable and to replicate these in other districts. He further added that manpower of training centers should be provided TOT so that the agriculture training centers could also be able to conduct such training in other districts.

In regards to Agriculture Development Committees, he said that this is new concept of assessing farmers need and translating them to actual planning. The involvement of real farmers as ward representative has made this reliable. However, process of selection of farmers' representative is not very clear and not done in democratic way. However, he also mentioned that these program will be prioritized and coordinated with ATEIP, DADO, DDC etc for technical and funding support. As budget for the ADC plan is uncertain therefore the real implementation is questionable. He also said that capability building is essential for its sustainability and legal identity is required for institutionalization of ADC

Annex 7

Perception of Japanese Experts

Perception of Project coordinator/Training Expert Ms. Yuko Shibuya

Ms Yuko joined the project in Jan 15, 2006 as project coordinator cum training specialist. She mentioned that Nepalese counterparts are contributing on part time basis and would expect those assigned part time counterparts to spare more time and contribution for this project. This will further improve the progress and help in achieving better result.

Further, she mentioned that though some SMS in districts are participating actively, the other DADO field staff seems less motivated towards project. One of the reasons for being less active could be that the project is not providing direct incentive to them and similar situation is there in case of the officials from training and extension directorate.

She also expressed that as this project is working under Regional directorate, therefore, the decision procedure seems quite lengthy and tedious. One of the options for this could be that some amendments to be made in the project document and to run this project under direct Supervision under DOA. It is contradictory that despite Project is not mandated to contribute for institutional development for Regional Directorate, it is under that Directorate.

Annex 8. Training and Demonstration activities (T/D Farm):

1. Establishment of first T/D Farm:

sn	District	TD/F site	Crop	Farmer	Training Duration	Trainees (JT/JTA)
1.	Dhading	Naubise -7	Cauliflower	Arun Bhattarai	6 oct 2004 - 14 March 2005	1.Narendra Pratap Shah 2.Keshab Prashad Adhikari
2.	Makawanpur	Manahari -7	Broccauli	Keshab P. Adhikari	3 Nov 2004 - 23 April 2005	Ram Binod Singh
3.	Rasuwa	Syafhrubesi -4	Cauliflower	Chebang Tamang	3 Nov 2004-23 April 2005	Dukhi Pd. Shah
4.	Sindhupalchok	Fataksila -2	Cauliflower	Kedar Pd. Ghorasaini	28 oCT 2004 -April 5 2005	1.Pratima Neupane 2.Smita Bhandari
5.	Nuwakot	Kalyanpur -1	Potato	Govinda Pd Adhikari	3rd week of Nov, 2005 - 2nd of March 2005	Hari Pd. Adhikari

2. Establishment of Second T/D Farm:

sn	District	TD/F site	Crop	Farmer	Training Duration	Trainees (JT/JTA)
1.	Dhading	Gajuri -1	Cucumber	Misra Upreti	12 Feb. - 13 May, 2005	1.Keshab Pd. Ghimire 2.Rajendra Pd. Yadav
2.	Makawanpur	Basamadi	Tomato	Ram Kumar Thapa	March - June 2005	1.Surendra Pd. Kurmi 2.Tapeswar Yadav 3.Bilat Sah
3.	Rasuwa	Betrawati -7	Paddy	Krishna Bdr. Acharya	May 24 - Nov. 15, 2005	Ram Bdr. Thapa
4.	Sindhupalchok	Mankha -1	Long Bean	Jit Bdr. Shrestha	26 March - 9 July 2005	1. Dudh N. Pandey 2. Mashi Lal Sah
5.	Nuwakot	Okharpauwa -3	Cabbage	Jas Ram Tamang	13 March - 25 June, 2005	1.Som Raj Sendai 2.Tika Ram Baniya

3. Establishment of Third T/D Farm:

s.n.	District	T/D Farm site	Crop	Farmer	Training duration	Trainees (JT/JTA)
1.	Dhading	Bishaltar -7	Potato	Tilak B. Bishural	17 Sep 2005 - 28 Jan 2006	1.Damodar Ghimire 2.Rup Narayan Mahato
2.	Makawanpur	Bhainse -2	Cauliflower	Mira Thapa	1st week of october 2005 - Last week Jan 2006	Guru Dayal Mandal
3.	Rasuwa	Dhunche -3	Wheat	Dawabuti Lama	17 Sep 2005 - 8 Feb 2006	1.Kalikant Mishra 2.Rameswar L. Karna
4.	Sindhupalchok	Chautara -5	Cauliflower	Chakra Bdr. Ghale	6 September 2005 - 13 Jan 2006	1.Chabi Lal Sharma 2.Dipak Giri
5.	Nuwakot	Belkot -2	Cauliflower	Rameswar Bhatta	Last week of August, 2005 - 3rd week of January 2006	1.Balhari Ghimire 2.Madhab Pd. Pandey

4. Establishment of Fourth T/D Farm:

s.n.	District	TD/F site	Crop	Farmer	Training duration	Trainees (JT/JTA)
1.	Dhading	Muralibhanjyang -2	Long Bean	Bisnuhari Lamsal	23 April 2006 - Aug 15 2006	1.Govinda Khanal 2.Ram Hari Shrestha
2.	Makawanpur	Hatiya -1	Bitter Guard	Bhagabati Timalsena	24 March 2006 - 29 July 2006	1.Sanjaya Tiwari 2.Hedamba Raj Adhikari 3.Ram Pukar Sah
3.	Rasuwa	Ramche -8	Potato	Nim Bdr. Titung	16 march 2006 - 29 July 2006	1.Chandra Bdr. Bhandari 2.Resham Raj Lamichane
4.	Sindhupalchok	Jyethal -5	Summer Potato	Makar Bdr. Tamang	9 March 2006 - 29 July 2006	Parasu Ram Giri
5.	Nuwakot	Dhikure -4	Okra	Hare Ram Lamichane	First week of April 2006 - middle of July, 2006	1.Radhye Syam Barahi 2.Debendra L. Karna

Annex 9 Locations of Agriculture Development Committee (ADC):

s.n.	District	Location of ADC
1.	Dhading	Naubise VDC
2.	Makawanpur	Manahari VDC
3.	Rasuwa	Komin VDC, Syaphru
4.	Sindhupalchok	Fatakshila VDC
5.	Nuwakot	Kalyanpur VDC

Annex 10 Description of Extension Model Farmer (E/M Farmer):

sn	District	Location	Crop Grown	EM Farmer
1.	Nuwakot	Kalyanpur -5 Kalyanpur -7 Okharpauwa -1 Okharpauwa -1	1.Paddy, Potato 2.Cauliflower, Pa ddy 3.Potato, Radish, Maize,Paddy, Fingermillet 4.Potato, Radish, Maize, Paddy	1.Khil Bdr. Khadka 2.Mohan B. Paudel 3.Shyam Pd. Fuyal 4.Sanu Kancha Tamang
2.	Makawanpur	Manahari -4 Manahari -3 Manahari -8 Manahari -7	1.Potato, Maize, Cucumber, Paddy 2.Broccoli, Cauliflower, Potato, Cabbage, Cucumber , Bean 3.Broccoli, Cauliflower, Potato, Cabbage, Cucumber, Bean, Chilly, Tomato, Bringal 4.Potato, Cabbage, Bean, Tomato, Wheat, Paddy	1.Krishna Bdr. Muktan 2.Kedar Raj Karki 3.Ramkrishna Adhikari 4.Mohan Krishna Gopali
3.	Rasuwa	Syaphru -6 Syaphru -5 Syaphru -5	1.Cabbage, Potato 2.Cabbage, Potato, Cauli, Pumpkin 3.Cauli, Potato	1.Gyalcho Ghale 2.Samba Dindup Tamang 3.Babu Tamang
4	Dhading	Naubishe-6 Naubishe-6 Gajuri -1 Gajuri -1	1.Cauli,Pumpkin,Bean, Potato 2.Cauli,Pumpkin,Bean, Potato 3.Long bean, Cauli, Cucumber 4.Bottle gourd, Cucumber	1.Govinda Bhusel 2.Sitaram Bhatta 3.Ms.Bhawani Kharel 4.Bisnu B. Upreti
5	Sindhupalchok	Fatakshila -9 Fatakshila -2 Bahrabise -4 Bahrabise -4	1.Cauliflower 2.Cauliflower 3.Long bean 4.Long bean	1. Bisnu P. Lamichane 2. Rajendra P. Acharya 3. Narayan Babu Paudel 4. Arbinda B. Tamang

Annex 11 JT/JTAs and SMSs involved in ATEIP activities (TD farm) upto July 2006

S. No	Name	Designation	Period*
	DADO, Dhading		
1	Mr. Kasi Raj Hamal	Extension officer, DADO Dhading	April 2005 - till date
2	Mr. Sudhir Shrestha	Horticulture Officer, DADO Dhading	June 2005 - till date
3	Mr. Praksah Pandey	Plant protection Officer	Jan 2004 - till date
4	Mr. Narendra Pratap Shah	JT/JTA	2006/6/20 - till date
5	Mr. Kesav Prasad Adhikari	JTA	2006/6/20 - till date
6	Mr. Kesav Prasad Ghimire	JT	May 2005 - till date
7	Mr. Damodar Ghimire	JTA	Sep 2005 - till date
8	Mr. Rup Narayan Mahato	JTA	Sep 2005- till date
9	Mr. Govind Khanal	JTA	April 2006 - till date
	DADO, Makawanpur		
1	Mr. Tej Prasad Dawadi,	Extension officer, DADO Makawanpur	Jan 2004 - till date
2	Mr. Kali Prasad Koirala	Horticulture Officer, DADO Makawanpur	Jan 2004 - till date
3	Mr. Mr. Ram Binod Singh	JTA	Oct 2004- till date
4	Mr. Surendra Prasad Kurmi	JT	March 2005 - till date
5	Mr. Tapeswor Yadav	JTA	March 2005 - till date
6	Mr. Sanjaya Tiwari	JT	March 2005 - till date
7	Mr. Hedamba Raj Adhikari	JTA	March 2005 - till date
8	Mr. Ram Pukar Shahi	JTA	March 2005 - till date
9	Mr. Guru Dayal Mandal		Oct 2005 - till date
10	Mr. Bilal Shah		March 2005 - till date
	DADO, Rasuwa		
1	Mr. Narayan Prasad Khanal	Senior DADO, Rasuwa	Jan 2004 - till date
2	Mr. Raja Ram Adhikari	Extension Officer	Jan 2004 - till date
3	Mr. Shiva Prasad Risal	Plant Protection Officer	Jan 2005 - July 2006
4	Mr. Dukhi Prasad Yadav	JTA	Sep 200 - till date
5	Mr. Ram Bahadur Thapa	JTA	May 2004 - till date
6	Mr. Kali Kant Mishra	JT	Sep 2005 - till date
7	Mr. Chandra Bahadur Bhandari	JTA	March 2006 - till date
8	Mr. Resam Raj Lamichhane	JTA	Sep 2005 - till date
	DADO, Sindhupalchok		
1	Mr. Mahendra Prasad Chaudhary	DADO, sindhupalchok	May 2005 - till date
2	Mr. Kul Prasad Subedi	Extension Officer	March 2006 - till date
3	Mr. Lokendra Bohara	Plant Protection Officer	March 2006 - till date
4	Ms. Pratima Neupane	JTA	Sep 2004 - till date
5	Ms. Smita Bhandari	JTA	Sep 2004 - Dec 2005
6	Mr. Dudh Narayan Pandey	JT	March 2005 - till date
7	Mr. Mashi Lal Yadav	JTA	March 2005 - till date
8	Mr. Chhabi Lal Sharma	JT	Sep 2005 - till date
9	Mr. Deepak Ram Giri	JTA	Sep 2005 - till date
10	Mr. Parasu Ram Giri	JT	March 2005 - till date
	DADO, Nuwakot		
1	Mr. Som Nath Ghimire	Officiating DADO/Plant Protection Officer	June 2005 - till date
2	Mr. Om Bahadur Thapa	Extension Officer	Jan 2005 - till date
3	Mr. Hari Prasad Adhikari	JT	Nov 2005 - till date
4	Mr. Som Raj Sendai	JT	March 2005 - till date
5	Mr. Tika Ram Baniya	JT	March 2005 - till date
6	Mr. Bal Hari Ghimire	JT	Aug 2005 - April 2006
7	Mr. Madhav Prasad Pandey	JTA	Aug 2005 - till date
8	Mr. Satrugan Chaudhary	JT	Aug 2006 - till date
9	Mr. Dashain Prasad Mandal	JTA	Aug 2006 - till date

* based on discussion with project officials. The involvement JT/JTA's has been counted from their involvement in T/D farm activities.

**MID TERM EVALUATION QUESTIONNAIRE SURVEY
REPORT
OF
AGRICULTURE TRAINING AND EXTENSION
IMPROVEMENT PROJECT**

**CONDUCTED AT FIVE DISTRICTS
(NUWAKOT, RASUWA, SINDHUPALCHOK, DHADING AND MAKAWANPUR)**

**SUBMITTED TO:
JICA NEPAL**

**PREPARED BY:
NIRANJAN K DANGOL
CONSULTANT**

OCT 12, 2006

ACRONYMS

ATEIP	Agriculture Training and Extension Improvement Project
JT	Junior Technician
JTA	Junior Technical Assistant
R/D	Record of Discussion
MTE	Mid Term Evaluation
DADO	District Agriculture Development Office
SADO	Senior Agriculture Development Officer
T/D Farm	Training and Demonstration Farm
E/M Farmer	Extension model farmer
ADC	Agriculture Development Committee
SMS	Subject Matter Specialist of DADO
IPM	Integrated Pest Management
TA/DA	Travel allowance/Daily allowances
ASC	Agriculture Service Centre

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PART A

I. Background

Agriculture Training and Extension Improvement Project (ATEIP) is being implemented in five districts of Central Development Region of Nepal, with the technical and financial assistance of Government of Japan. The project is being implemented in Rasuwa, Nuwakot, Dhading, Makawanpur and Sindhupalchok districts, since January 10 2004. The total duration of the project is five years. The main objective of the project is to adopt improved farming technology by the farmers in the project area through delivery of improved agricultural training and extension services based on their need.

Based on the Record of Discussions (R/D) made between Government of Nepal and Government of Japan, a mid term evaluation of the project has been planned in Sep 2006 to assess the project interventions and results. The mid term evaluation was conducted by a joint team of Japanese and Nepalese experts/officials. The mid term evaluation of the project was mainly based on the five basic evaluation criteria:

- **Effectiveness:** Effectiveness was assessed by evaluating the extent to which the project has achieved outputs and project purpose.
- **Efficiency:** It was assessed by studying the relationship between inputs and outputs in terms of timing, quality, quantity and linkage development with JICA and other concerned organizations.
- **Relevance:** Relevance of the project was reviewed in terms of validity of project purpose and overall goal in connection with development policy of Nepal Government and needs of beneficiaries.
- **Impact:** Impact of the project was analyzed in terms of overall outcomes of project interventions in comparison to pre project period.
- **Sustainability:** Sustainability of the project was analyzed in institutional, financial, technical and environmental aspects by examining the extent to which the achievement of the project is to be sustained or expanded after the termination of the project.

II. Introduction to the Questionnaire Survey

A mid term evaluation questionnaire survey was conducted to assist mid term evaluation team to assess the results/outcomes of project interventions carried out by the project. The survey was conducted in all five project districts, namely Nuwakot, Rasuwa, Sindhupalchok, Makawanpur and Dhading. The survey was designed at two levels i.e., at JT/JTA level and Officer level.

The questionnaire was prepared by JICA MTR team and administered in field with help of DADO office. The survey was conducted at field from 11 -21 September 2006.

III. Objective of the survey

The main of questionnaire survey was to assess the results and outcomes of project activities and provide feedback to mid term evaluation team. In specific, the questionnaire survey was focused on

- To assess the outcomes of ATEIP interventions, especially training, Training and Demonstration Farm, Agriculture Development Committee and to suggest areas of improvement
- To determine the perception of JT/JTAs and field officers about different activities carried out by ATEIP and to suggest based on the need of field staff

IV. Methodology

The questionnaires were designed separately for officers' level and field staff level. Questionnaire for field staff was prepared in Nepali whilst the questionnaire for district officers was prepared in English. The questionnaires were sent to respective DADO offices namely Sindhupalckok, Nuwakot, Dhading,

Makawanpur and Rasuwa. DADO supported in administering questionnaire to officer and JT/JTA level and sending back to ATEIP office.

The JT/JTAs who participated in TD farm activities was the target group for questionnaire survey whereas all officers were contacted to collect their views. The name of JT/JTAs and officer to be participated in the questionnaire survey was listed out by ATEIP using ATEIP records and provided to DADO office. Altogether 33 JT/JTAs who received training provided by ATEIP and also participated in TD farm activities were selected for the survey. Similarly, information was collected from all Subject Matter Specialists (officers) and Agriculture Development Officers, who were available at the districts during the study period.

V. Limitations of the survey

During first two and half years' period, ATEIP has implemented those activities that helps in the empowerment of DADO field staff and officers. Therefore, this survey has focused on to assess the outcomes of interventions at field staff level only.

VI. Organization of report

This report is presented in three parts. Part A provides information about background information of survey, methodology used and limitations of the survey. Part B includes all findings that derived from questionnaire survey. For simplicity, the findings of survey is presented in two parts i.e, findings of JT/JTA level and findings of Officers level. Table -1 to table- 5 provides the findings that are derived from JT/JTA level whilst table-6 to table-8 provides the findings derived from officers' level.

Part C includes conclusion and recommendation of the survey. Further annexes are also added to give some specific information.

PART B

VII. Findings

The questionnaire survey basically collected the views of JT/JTAs and officers about particular training and overall activities conducted by ATEIP. Farmers' need Assessment training and Agri extension planning training were the two training conducted by ATEIP for JT/JTA level whilst Monitoring and Evaluation training, Farmers' Need Assessment training and Human Skill Development training were conducted for officers' level. In addition, at districts, TD farm activities, Extension and model farmers activities and Agriculture Development Committee activities were some of the major activities carried out by the project. The Survey assessed the outcomes of these interventions through interview with JT/JTAs and district officers using on questionnaires designed.

1. Assessment of Farmers' Need Assessment training and Agri Extension Planning training

The above mentioned training were conducted for field staff (JT/JTAs) of DADO. Out of 96 JT/JTAs who participated in above mentioned training, 33 JT/JTAs who also participated in T/D farm activities were selected to give their views about the different aspect of these training; such as whether these training could fulfilled their demand, how far they were satisfied with the organization of these training and what additional skills they learnt from these training. The following table presents their views about different aspects of the training:

Table 1 A Responses of JT/JTAs about Farmers' Need assessment training and Agri Extension planning training

Description	Participation on training		Extent of meeting their demand			
	Yes	No	Yes, largely	Yes, partly	No	Not sure
Farmers' Need Assessment training						
Number of JT/JTAs	33		6	27	0	0
Percentage	100.00		18.18	81.82	0.00	0.00
Agri Extension Planning training						
Number of JT/JTAs	30	3	10	20	0	0
Percentage	90.91	9.09	33.33	66.67	0.00	0.00

From the table, it can be seen that the training could fulfill the demand of JT/JTAs to some extent.

The following table 1B shows that how far the JT/JTAs are satisfied with the mentioned trainings and to what extent they learn new skills from these training.

Table 1 B Opinion of JT/JTAs about satisfaction level and gaining new skills

Description	Level of satisfaction for organization				Learnt new things			
	Highly satisfied	Satisfied to some extent	Not satisfied	Not sure	Yes, largely	Yes, to some extent	No	Not sure
Farmers' need assessment training								
Number of JT/JTAs	10	23	0	0	11	22	0	0
Percentage	30.30	69.70	0.00	0.00	33.33	66.67	0.00	0.00
Agri extension planning training								
Number of JT/JTAs	12	18	0	0	9	21	0	0
Percentage	40.00	60.00	0.00	0.00	30.00	70.00	0.00	0.00

From the above table, it can be seen that the training are able to fulfill the needs of JT/JTAs to some extent and also able to provide some additional skills to JT/JTAs. The additional skills they learnt from

training are found to be different from person to person. However, the most common learning/skills they learnt from the ATEIP trainings are presented below:

Skill learnt by JT/JTAs from the training provided by ATEIP

- How to do planning at grass root level (Farmers level)
- Practical knowledge on application of pesticides (use of pesticides and identification of disease in particular crops such as cauliflower, okra, potato etc)
- Record keeping skills
- Nursery management of specific crop
- Learnt in detail about cauliflower cultivation & other crops as learnt from T/D farm
- Knowledge of selection of quality potato seed
- Identification of diseases and treatment
- Learnt characteristics of backward, medium and high class people
- Different aspects of Farm management techniques
- Prepare cultivation plan and to work following cultivation plan
- Build up self confidence in working

2. Training and Demonstration Farm (T/D Farm) activity

T/D farm activity is considered as one of the important activities of ATEIP. The main purpose of T/D farm activity is to train JT/JTA practically at farmers’ field in specific crop sharing the successful learning of the farmers. It is commonly found that JT/JTAs do have theoretical knowledge but they lack in practical knowledge, thus to overcome this gap, TD farm activity is taken as a prime tool by the project.

The following table shows involvement of JT/JTAs in T/D farm activities in the project districts :

Table 2 A Responses of JT/JTAs about Training and Demonstration Farm Activity

Description	Participated		Participated in field day		Involved in Situation analysis		Extent of meeting their demand			
	Yes	No	Yes	No	Yes	No	Yes, largely	Yes, partly	No	Not sure
No. of JT/JTAs	33	0	33	0	31	2	15	18	0	0
% of Jt/JTAs	100.00	0.00	100.00	0.00	93.94	6.06	45.45	54.55	0.00	0.00

From the above table, it can be seen that T/D farm activities have helped JT/JTAs to fulfill their demand/need. From the table it can also be analysed that JT/JTAs have participated a full range of T/D farm activities (Field day, situation analysis).

The following table shows that how far JT/JTAs’s are satisfied with T/D farm activities and extent of new skills they learnt from T/D farm:

Table 2 B JT/JTAs responses about their satisfaction and learnt new skills from T/D Farm

Description	Satisfaction level				Learnt new things			
	Highly satisfied	Satisfied to some extent	Not satisfied	Not sure	Yes, largely	Yes, to some extent	No	Not sure
No. of JT/JTAs	9	24	0	0	13	20	0	0
% of Jt/JTAs	27.27	72.73	0.00	0.00	39.39	60.61	0.00	0.00

From the above table, it can be seen that the JT/JTAs are satisfied with T/D farm activity and it also helped them at least to learn some new skills. However, JT/JTAs also informed that one crop season TD farm is not sufficient and it should be extended at least to one year so that they can learn about more crops to cover a year round cropping pattern.

The following table shows how far they received support Subject Matter Specialist (SMSs) and DADO office during T/DF farm activities:

Table 2 C Opinion on supports provided by SMS and DADO office for T/D farm activity

Description	Received guidance from SMS		Level of Appropriateness of guidance			
	Yes	No	Yes, appropriate	Yes, partially app	Not appropriate	Not sure
No. of JT/JTAs	32	1	23	8	1	0
% of Jt/JTAs	96.97	3.03	71.88	25.00	3.13	0.00

From the above table, it can be seen that JT/JTAs received support from SMSs and most of them are convinced about the support provided by SMS was appropriate.

3. Opinion of JT/JTAs' about Extension Model Farmer activity

E/M farmer activity is one of the activity recently started by the project. The following table shows that how far JT/JTAs are involved in E/M farmers activity and to which extent they have utilized their learning in E/M Farmer Activity:

Table 3 JT/JTAs responding about Extension Model farmer Activity

Description	Involvement JT/JTAs in EM farmer activity				Utilization of TD learning in EM Farmer activity			
	Yes	No	Situation analysis	Advising EM	Yes, a lot	Yes, some	No	Not sure
No. of JT/JTAs	7	26	7	6	3	3	1	0
Percentage	21.212	78.79	100	85.71	42.86	42.86	14.28	0

From the above table, we can see that few JT/JTAs' have got opportunity to get involved in E/M farmer activity. One of the reasons for less involvement is that this activity is recently introduced by the project in most of the districts. However, out of those who involved in this activity have utilized their skills whilst implementing this activity.

4. Agriculture Development Committee (ADC) Activity

ADC has been formed in each district. The main purpose of the ADC is to develop a forum of real farmers in VDC, which will act as an catalyst as well as service provider in the overall agricultural development of the village. However, ATEIP has just started to support these ADCs in human skill development activities.

The following table shows that the involvement of JT/JTAs in Agriculture Development Committee activity:

Table 4 Involvement of JT/JTAs in ADC activity and utilization of skills learnt

Description	Involvement		Out of those who involved in ADC			Utilized learning of Project in ADC			
	Yes	No	Involved in formation of ADC	Involved in survey	involved in guiding ADC	Yes, a lot	Yes, some	No	Not sure
No. of JT/JTAs	12	21	12	9	11	3	9	0	0
Percentage	36.4	63.6	100.0	75.0	91.7	25.0	75.0	0.0	0.0

From the above table, the involvement of JT/JTAs is few in this activity. However, out of those who involved in this activity have utilized their learning to do this activity. It is also reported that ADCs in the district has been implemented by the project without having clear concept of ADC and its sustainability is questionable.

5. Opinion on overall outcome of ATEIP training and other activities

The following table shows that responses of JT/JTAs about whether the overall interventions of ATEIP has

increased their technical capability and whether they have utilized their learning in agriculture extension works:

Table 5 A Responses of JT/JTAs about improvement on their skills from ATEIP training

Description	Increased Your technical capability				Utilized skill in extension works			
	Yes, Largely	Yes, some	No	Not sure	Yes, largely	Yes to some extent	No	Not sure
From overall training (number)	8.00	25.00	0.00	0.00	12.00	21.00	0.00	0.00
Percentage of JT/JTAs	24.24	75.76	0.00	0.00	36.36	63.64	0.00	0.00

From the above table, we can see that the JT/JTAs are convinced that their technical capability have been upgraded and they utilized these learnt skills to some extent in agri extension works in the district.

The following table shows whether JT/JTAs agree that quality of service delivery to farmers by them has improved in comparison to past years (before ATEIP):

Table 5 B Opinion of JT/JTAs about delivery of their services in comparison to the past

Description	Improved Quality of services provided to farmers by him			
	Yes, largely	Yes, to some extent	No	Not sure
From overall training (number)	7.00	26.00	0.00	0.00
Percentage of JT/JTAs	21.21	78.79	0.00	0.00

From the above table, we can see that JT/JTAs are convinced about quality of service delivery has been improved to some extent in comparison to pre project period.

6. Involvement of Officers (SMSs) in the training conducted by ATEIP

The following table shows that the involvement of officers in different training activities carried out by the project.

Table 6 A Responses of Officers about different training conducted by ATEIP (in %)

Name of training	Participated		Extent of meeting their demand			
	Yes	No	Yes, largely	Yes, partly	No	Not sure
Monitoring & Evaluation Training	60.00	40.00	16.67	83.33	0.00	0.00
Farmers' Need Assessment training	90.00	10.00	44.44	55.56	0.00	0.00
Human Skill Dev. Training	90.00	10.00	33.33	66.67	0.00	0.00

Total number of respondents (10 officers)

From the above table, one can see that the most of officers have participated in Farmers' need assessment training and human skill development training. The Officers are convinced that these training are capable of meeting their demands to some extent.

The following table shows how far the district officers are satisfied with ATEIP activities”

Table 6 B Responses of Officers regarding different training conducted by ATEIP (in %)

Name of training	Level of satisfaction				Learnt new additional skills			
	Highly satisfied	Satisfied to some extent	Not satisfied	Not sure	Yes, largely	Yes, partly	No	Not sure
Monitoring & Evaluation	16.67	66.67	16.67	0.00	16.67	83.33	0.00	0.00
FNA assessment training	33.33	66.67	0.00	0.00	22.22	77.78	0.00	0.00
Human Skill Dev. training	33.33	66.67	0.00	0.00	22.22	77.78	0.00	0.00

Total number of respondents (10 officers)

From the above table, we can see that district officers convinced about their satisfaction level is intermediate and they have learnt some additional skills thanks due to ATEIP.

Given below are some of the additional skills that they have learnt from this cold war.

New skill learnt by Officers

- Learnt basic methods to motivate community to increase people's participation in development works
- Social inclusion issues
- how to do M&E in extension activities
- Proposal writing
- Gender sensitization
- To establish effective communication with JT/JTAs and farmers
- Program formulation & planning

7. Involvement of District Officers in T/D Farm and ADC activity

Table 7 Responses of District Officers about their involvement in T/D farm and ADC activity (%)

Description	Involvement		In which specific area you are Involved			Utilization of skill learnt in			
	Yes	No	planning	providing guidance	monitoring	Yes, largely	Yes, some	No	No response
T/D farm activities	100.00	0.00	100.00	100.00	100.00	20.00	80.00	0.00	
ADC activities	80.00	20.00	100.00	87.50	75.00	0.00	87.50	0.00	12.50

Total number of respondents (10 officers)

From the above table, it can be seen that all respondents officers are involved in T/D farm activities. The area of involvement of officers are planning, guiding JT/JTAs and monitoring. Similarly, they have also utilized skills that they learnt from ATEIP training in T/D farm and ADC activities.

8. Opinion on Technical Skill Upgrade due to ATEIP activities

The following table shows that whether officers are convinced that technical capability has been increased due to ATEIP training activities:

Table 8 Officers responding about their increased technical capability from ATEIP activities (in %)

Description	Utilized skill in extension works				Increased your technical capability				Enhanced technical capability of JT/JTAs			
	Yes, largely	Yes, some	No	Not sure	Yes, largely	Yes, to some extent	No	Not sure	Yes, largely	Yes, to some extent	No	Not sure
Training provided by ATEIP	30.00	70.00	0.00	0.00	30.00	70.00	0.00	0.00	20.00	80.00	0.00	0.00

From the table, the officers seem to agree that their technical capability has increased to some extent and the learnt skills have been utilized in extension works. The officers are also agree that the technical capability of field staff (JT/JTAs) have also increased.

9. Additional skills requested by the JT/JTAs and Officers

JT/JTAs and Officers are convinced that the project have supported them to increase their work efficiency through providing necessary practical knowledge. However, it does not mean that the field staff are now fully

competent in all areas. The JT/JTAs and Officers have identified some of the areas in which they require additional skills.

Additional skills training required for JT/JTAs

- Training on controlling diseases and pests (especially in vegetables)
- Integrated nutrition management training
- IPM training in tomato and potato
- Training on off-season vegetable
- Training on organic vegetable farming
- Latest information on agri technology developed by research centres
- Leadership development training
- Proposal & report writing
- Inter district farmer visit

Additional skills required for officers

- Community mobilization skill for problem & need sensitization
- Skill of analyzing issues/needs so as to formulate solution in plan
- Practical Knowledge & skill of TD Farm in different commodities
- How to mobilize group and ADC effectively
- M&E training
- Human Skill Training
- Commodity specific training
- Different experimental training
- Use of GIS for agri extension planning
- Refresher training based on technology change, training skill on planning, Monitoring & computer soft wares

10. Savings/requests of JT/JTAs and Officers to ATEIP

There was a question in the questionnaire: what JT/JTAs and officers do think about project interventions and to say something if they like to request something to project. The responses of the JT/JTAs and officers is presented accordingly:

Saying/Requests to the project (JT/JTAs)

- The project have not provided any support to ADC even after submission of their annual plan to the project.
- Program and budget of field activities should be handled by respective JT/JTAs at field not by DADO, SMSs
- Project needs to focus on technology transfer and project should be more responsive to farmers
- No incentives to field staff (TA/DA) (neither from Government of Nepal nor from the project side)
- No provision of Japan visit to JT/JTA
- Selected E/M farmers, need assessed but could not provide any sort of assistance to them neither from DADO nor from the project
- Study visit within the district and skill development through it
- The assistance provided by ATEIP (equipments) should be delivered to field. It should not always be confined to DADO.
- Require skill on how to deal with clients to make them able to identify their needs and solve the problem

Saying/Requests to the project (Officers)

- Exposure visit/training opportunity to DADO officials should be based on their performance
- Except extension officers, the SMSs are not encouraged absolutely as extension officers are only facilitated and emphasized by the project
- Extension of knowledge gained by JT/JTAs can be done through participatory training & extension model as IPM field school model
- Clear cut extension strategy should be developed and applied within project period

- T/D farm activity should include some trials so that JT/JTAs will gain some idea of research. This will help in studying new technologies and verify the appropriate improved technology according to their geographic location.
- The project should address the demand of ADC. This part is lacking.
- It would be better to add some provision of further study in the project (for those who are involved in project)

PART C

VIII. Conclusion and Recommendations

Based on the findings the following conclusions and recommendations can be drawn:

- The project has conducted two training courses to JT/JTAs and three training courses to officers level in two half years duration. These trainings have helped them to upgrade their skills and knowledge in concerned areas. The trainings were practical and useful for extension workers. The officers and JT/JTAs are convinced that their quality of delivery of service to farmers has been improved in comparison to pre project period. Thus, it can be concluded that the project has empowered JT/JTAs and field officers in specific areas and built their self confidence. However, the project has provided training in limited areas. Thus the area of interventions/training should be expanded in coming years as per their need/requests.
- Among interventions carried out by the project T/D farm activity is found more effective and has helped JT/JTAs to learn practical skill in specific crops. The extension of TD farm period from one crop season to a year round crop period seems fine to learn more on different crops for JT/JTAs. The project should also motivate DADO to incorporate T/D farm activities in DADO regular programme and this should be considered as project up scaling and sustainability strategy.
- E/M farmer activity is one of the activity recently introduced by the project. So far the project has not provided support except technical advice to E/M farmers under this activity. It is very important to make clear DADO, SMS, field staff and farmers about the purpose and working modality of E/M farmers.
- ADC activity seems fine in principal. So far very limited activities have been carried out in this aspect. The modality and implementation strategy should be made clear to achieve the desired goal through ADC. Upgrading human development skills of ADC members seem logical. It would be more beneficial if clear cut vision of ADC (How ADC would act at present and after closure of project, fund generation mechanisms, legal status) could also be delivered to ADC members during these training.
- The sayings and requests of field worker is presented in the finding chapter. Out of which Mobility cost (TA/DA) of JT/JTAs is one of the prime factors that may effect the overall progress of the project. Therefore, this should be taken seriously and sorted out as soon as possible.

Annex 1 Questionnaire for DADO Officers

Mid term Evaluation on Agriculture Training and Extension Project

This questionnaire is to verify effectiveness and impacts of training and extension activities undertaken by the captioned Project.
It would be highly appreciated if you could answer this questionnaire and return it to the Mid-term Evaluation Team.

A. Profile of Respondent

Name: _____

Position: SADO SMS, pls. specify _____

Name of DADO belong to: _____

Tel/Fax Nos.: _____

Date of Answer: _____

B. Trainings

1. Monitoring & Evaluation Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think this training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills from this training course?

Yes, largely Yes, some only No Uncertain

2. Extension Planning Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think this training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills from this training course?

Yes, largely Yes, some only No Uncertain

3. Human Skill Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think this training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

- (4) Did you obtained new knowledge and skills from this training course?
 Yes, largely Yes, some only No Uncertain

C. T/D Farm Activities

- (1) Have you involved with T/D Farm Activities?
- Plan and preparation: Yes No
- Provision of guidance to JT/JTAs: Yes No
- Monitoring: Yes No
- Other involvement _____

- (2) Have you utilized (applied) such knowledge and skills acquired from the above-mentioned trainings for T/D farm activities?

- Yes, largely Yes, some only No Uncertain

D. ADC Activities

- (1) Have you involved with ADC Activities?
- Plan and preparation of ADC: Yes No
- Organization of ADC: Yes No
- Provision of guidance to JT/JTAs: Yes No
- Monitoring: Yes No
- Other involvement _____

- (2) Have you utilized (applied) such knowledge and skills acquired from the above-mentioned trainings for ADC activities?

- Yes, largely Yes, some only No Uncertain

D. Utilization for Your Work

- (1) What kinds of new knowledge and skills you have obtained from the above-mentioned trainings?

- (2) Have you utilized (applied) such new knowledge and skills acquired from these trainings for your work?

- Yes, largely Yes, some only No Uncertain

→ If answer “Yes”, please state how and for what activities you have utilized these knowledge and skills you have obtained.

- (3) Do you think that your technical capability has been improved thanks to the above trainings offered by the Project?

- Yes, largely Yes, some only No Uncertain

- (4) Do you think that quality of your work and services provided for JT/JTAs have been improved because of these trainings?

- Yes, largely Yes, some only No Uncertain

F. Request for the Project

(1) You (DADO officers) are responsible to plan and undertake farmers' need-based trainings for JT/JTAs, provide appropriate guidance for them, and monitor their extension activities, in order to enhance their capabilities and quality of their extension services.

In this regard, what kinds of knowledge and skills, do you think, are still lacking and required for you to obtain and enhance?

(2) If you have comments and request for the Project, please state freely.

THANK YOU VERY MUCH FOR YOUR COOPERATION!!

Annex 2 Questionnaire for JT/JTAs

Mid term Evaluation on Agriculture Training and Extension Project

This questionnaire is to verify effectiveness and impacts of training and extension activities undertaken by the captioned Project.
It would be highly appreciated if you could answer this questionnaire and return it to the Mid-term Evaluation Team.

A. Profile of Respondent

Name: _____

Position: JT JTA other _____

Name of ASC/ASSC belong to: _____

Name of District belong to: _____

Tel/Fax Nos.: _____

Date of Answer: _____

B. Trainings

4. Farmers' Needs Assessment Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills on agricultural technique and extension?

Yes, largely Yes, some only No Uncertain

5. Extension Planning Training

(1) Did you participate in this training? Yes No

If answer "Yes", please answer following questions

(2) Do you think training course met your demands/needs?

Yes Partly yes No Uncertain

(3) Are you satisfied with this training course?

Highly satisfied Just satisfied Not satisfied Uncertain

(4) Did you obtained new knowledge and skills on agricultural technique and extension?

Yes, largely Yes, some only No Uncertain

C. T/D Farm Activities

(1) Have you involved with T/D Farm Activities?

- T/D farm training (cultivation practice, farm management activities): Yes No

- T/D farm demonstration (Field Day): Yes No

If answer "Yes", please answer following questions

(2) Do you think this activity meet your demands/needs?

- Yes Partly yes No Uncertain

(3) Are you satisfied with this activity?

- Highly satisfied Just satisfied Not satisfied Uncertain

(4) Have you obtained new knowledge and skills on agricultural technique and extension responsive to farmers' needs?

- Yes, largely Yes, some only No Uncertain

→ If answer "Yes", please state what kinds of new knowledge and skills you have obtained.

(5) Are you provided guidance and supports by DADO staff (SADO/SMS)?

- Yes No

→ If answer "Yes", do you think these guidance and support are appropriate?

- Yes, appropriate Yes, partly appropriate Inappropriate Uncertain

D. Utilization for Your Work

(1) Do you think that your technical capability regarding extension activities has been improved thanks to the above trainings offered by the Project?

- Yes, largely Yes, some only No Uncertain

(2) Have you utilized (applied) such new knowledge and skills acquired from these trainings for your extension works?

- Yes, largely Yes, some only No Uncertain

(3) Do you think that quality of agricultural extension services provided by you to farmers has been improved because of these trainings?

- Yes, largely Yes, some only No Uncertain

E. E/M Farm Activities

(1) Have you involved with E/M farm activities? Yes No

- Selection of E/M farmers: Yes No

- Situation analysis on cultivation practice and farm management: Yes No

- Provision of guidance to E/M farmers: Yes No

If answer "Yes", please answer following questions

(2) Do you apply such knowledge and skills acquired from the above-mention trainings (especially T/D farm activities) for facilitating E/M farm activities?

- Yes, largely Yes, some only No Uncertain

F. ADC Activities

(1) Have you involved with ADC activities? Yes No

- Organizing/formation of ADC: Yes No

- Survey on ADC village: Yes No

- Provision of guidance to ADC members: Yes No

If answer "Yes", please answer following questions

(2) Do you apply such knowledge and skills acquired from the above-mention trainings for facilitating ADC formation and its activities?

- Yes, largely Yes, some only No Uncertain

G. Request for the Project

(1) What kinds of knowledge and skills, do you think, are required to be obtained and enhanced in order to provide agricultural extension services responsive to farmers' needs?

(2) If you have comments and request for the Project, please state freely.

THANK YOU VERY MUCH FOR YOUR COOPERATION!!

Annex 3 List of DADO officers participated in the questionnaire survey

Identity No.	Name	District code *	Designation**
1	Mr. Som Nath Ghimire	2	PPO
2	Mr. OM Bahadur Adhikari	2	EO
3	Mr. Mahendra Pd Chaudhary	1	EO
4	Mr. Sudhir Shrestha	4	HO
5	Mr. Prakash Pandey	4	PPO
6	Mr. Tej Prasad Dawadi	5	EO
7	Mr. Kalika Prasad Koirala	5	HO
8	Mr. Lokendra Bohara	1	PPO
9	Mr. Narayan Pd Khanal	3	SADO
10	Mr. Raja Ram Poudel	3	EO

* Sindhu-1, Nuwakot -2, Rasuwa-3, Dhading-4, Makawanpur-5

** EO-extension officer, PPO-plant protection officer, HO- Horticulture Officer, SADO- Senior Agriculture Development Officer

Annex 4 List of JT/JTAs participated in Questionnaire Survey

Identity No.	Name	ASC	District code*	Designation**
1	Tapeswor Yadav	Basamadi	5	2
2	Surendra Kurmi	Basamadi &Manhari	5	1
3	Kesav Adhikari	Naubise	4	2
4	Rup N mahato	Benighat	4	2
5	Dudh Nath pandey	Barhabise	1	1
6	Pratima Neupane	Melamchi	1	2
7	Som Raj Sendai	Rani Pauwa	2	1
8	Damodar Ghimire		4	2
9	Hari Prasad Adhikari	Deurali	2	1
10	Tika Baniya	Rani Pauwa	2	1
11	Ram Binod singh	Manhari	5	2
12	Chhabi Lall Sharma	DADO	1	1
13	Ms Bal Kumari Sunuwar	Barhabise	1	2
14	Radhe Shyam Barai	DADO	2	1
15	Sanjaya Tiwari	Hatiya	5	1
16	Madhav P Pandey	Belkot	2	2
17	Bilat Shah	Basamadi	5	2
18	Ram Hari Shrestha	DADO	4	2
19	Kesav Prasad Ghimire	DADO	4	1
20	Govind khanal	Dhadingbesi	4	2
21	Ram pukar Shah		1	2
22	Ram bahadur Thapa		3	2
23	Narayan Dangol	Tupche	2	1
24	Madhav Thapa	Tupche	2	2

25	Guru Dayal Mandal	Namtar	5	2
26	Parasuram Giri	Dandapakhar	1	1
27	Deepak giri	DADO	1	1
28	Duhi Prasad Shah	Saphru	1	1
29	Rameswor Lal Karna	DADO	3	1
30	Ganaga Ram Yadav	Kalika sthan	3	2
31	Chandra Bahadur Bhandari		3	1
32	Hari bahadur Khadka	Chilime	3	2
33	Kasi Kant Mishra		3	1

*Sindhu-1, Nuwakot -2, Rasuwa-3, Dhading-4, Makawanpur-5

** JT-1, JTA-2

