

November 21, 2009

Site Survey Report on  
Agricultural Production, Marketing & Processing and Dissemination  
of the Mid-term Review of the Project  
“Increasing the Capacity of Integrated Management in Irrigated Agriculture in Dry Zone” (ICIM)  
by  
the Mid-term Review Members

## 1. Objectives, Methodology and Constraints

## 1.1 Survey objectives, members and schedule

The survey objectives are as follows.

- ① Confirm the project performance
- ② Find recommendations
- ③ Study the implementation process
- ④ Conduct technical advices

Table 1 is the member list of carrying out the site survey for the Mid-term review on agricultural production, marketing & processing and dissemination. Table 2 shows the survey schedule.

Table 1 Survey members on agricultural production, marketing &amp; processing and dissemination

No	Name (Designation)	Organization
1	Mr. G. A. M. S. Emitiyagoda, (Deputy director (extension), Head	Ministry of Agriculture Development & Agrarian Services, Department of Agriculture, Peradeniya
2	Dr. (Mrs.) Pushpa Wejewantha (Director)	Livestock planning and economics Unit, DOAPH, Peradeniya
3	Mr. Palitha Wadduwage (Provincial Director)	Provincial Department of Agriculture, North western province
4	Dr. Hideyuki Kanamori (Senior advisor)	JICA Tokyo

Table 2 Survey schedule

Date	Day	Activity
17-Nov	Tue	Field visit of livestock and meeting with three sub-committees on livestock, HG and paddy at Kimbulwanaoaya model site.
18-Nov	Wed	Field visit of livestock and meeting with two sub-committees on livestock and paddy at Kadurugasdamana model site. Interview to Sr. officers of Anuradhapura district.
19-Nov	Thur	Field visit of livestock and HG, and meeting with three sub-committees on livestock, HG and paddy at Rajangana model site. Study of ICIM manuals and reports.
20-Nov	Fri	Interview to Sr. officers of Kurunegala district. Meeting with Natural Resource Management Centre (NRMCC) Presentation at Audio Visual Center

## 1.2 Methodology and constraints

### (1) Methodology

For confirming the project performance and finding recommendations, we visited total 4 sub-committee sites of Milk and Home garden, conducted interviews to total 8 sub-committee key-persons with questionnaires and discussed with one subject matter officer (SMO), two agricultural instructors (AIs), two veterinary surgeons and one livestock development instructor (LDI). For studying the implementation process, we conducted interviews to three Sr. officers of Kurunegala district and four Sr. officers of Anuradhapura district. Furthermore, we visited the ICIM office and studied total 32 manuals and reports on agricultural production, marketing & processing and dissemination for confirming the project performance and carrying out technical advices.

Table 3 summarizes the profiles of 8 sub-committees that we interviewed.

Table 3 Survey summary of sub-committees

District	Kurunegala			Anuradhapura				
Model site	Kimbulwanaoaya			Kadurugasdamana		Rajangana		
Survey date	Nov. 17, 09			Nov. 18, 09		Nov. 19, 09		
Category	Livestock	Paddy	HG	Livestock	Paddy	HG	Livestock	Paddy
Name of FO	Nelliya			Kadurugasdamana		Sri Udara		
No. of sub-committee members	22	96	21	22	30	33	30	71
Year of establishment	May 2008			May 2008		Jan 2008		Oct 2008
Survey method	V&I	I	I	V&I	I	V&I	V&I	I
Product	Milk	Paddy	Venerable	Milk	Paddy	Papaya, etc.	Milk	Paddy
Main performance	40L to 58L/day	6.5 to 8.5 t/ha	Small	25L/day	6 to 8 t/ha	More profit than	120L/day	7.5t/ha
Improvement opportunity	Quality improvement	Collective selling & strengthen membership	Quality of the life	Increase of production	Collective selling	Collective selling	Processing	Collective pricing

Note: V=visit, I=Interview

### (2) Constraints

- ① Time constraints: Since the available time of interview is on hour for each sub-committee, we delineated the prepared questions from 30 to 8 and added some focused questions considering the committees' situations. The questions are summarized in Annex-1 with the answers and recommendations.
- ② Information constraints: For trying to avoid having impartial observations to the assigned sub-sectors, the JICA member submitted questionnaires of each sub-sector's situation in advance. The answers have, however, been submitted only for agriculture and dissemination. The answers on processing and marketing have not been submitted before conducting our survey. The JICA side member, thus, had to study the processing and marketing, without basic information of Sri Lanka.

## 2. Survey Results

### 2.1 Performance

Table 3 describes the main performance and the details are shown in Annex-1. From Table 3 and Annex-1, we can say that big performances appear on the production except very small scale of home garden whereas only limited performances appear on processing and marketing. The observed marketing activities in the site survey are quality improvement, collective pricing, collective purchasing, collective selling and promote processing. On marketing from the viewpoint of farmer group, the major market development issues are Technology, Quality control, Packaging, Market promotion and Stabilization of selling. The observed activities in the site survey are only a part of Technology, Quality control and Market promotion. The situation of marketing is very primary level. One of the reasons is probably no conduction of any training for marketing.

It is thus concluded that there is a big space of development on processing and marketing.

### 2.2 Recommendations found

Our recommendations are summarized below. Further discussions have to be done for finalizing the recommendations.

#### Livestock

- ① Farmers are situated at zero and get knowledge. They can improve themselves.
- ② The present situation should be monitored to introduce other technologies such as processing, value addition, and introducing new activities such poultry.
- ③ Farmer level economic milk production and technical management should be enhanced such as record keeping training.
- ④ Cleaner milk production should be enhanced such as ensuring washing pails or preparing small aluminum cans.
- ⑤ Quality milk production should be enhanced such as ensuring washing the pails or preparing small cans.
- ⑥ Clean milk production should be enhanced.
- ⑦ For such a particular small place, the approach should be modified based on the partial Participatory Rural Appraisal (PRA) including outside persons.
- ⑧ Compost production should be improved and commercialized.

#### Paddy

- ① Transparency should be more enhanced (we should study more.)
- ② Revolution of financial sub-committee level (We should study)
- ③ Smaller group formation should be studied for more efficient management.
- ④ The member scale of 30 will be appropriate.

- ⑤ Enhancement of collective selling should be studied for the start of improving market.
- ⑥ Collective pricing should be organized.
- ⑦ They should go for value addition, collective marketing and storage management.
- ⑧ Rice processing village concept should be promoted in the model sites. (Small group of farmers prepare small bags of rice and sell to the market directly.)
- ⑨ In the sub-committee, small groups should be formed with the common interest.
- ⑩ Women participation should be promoted in all FOs and sub-committee responsibilities.

#### Home Garden

- ① The small HG is effective not for economical benefit but for quality of the life (or better life promotion). In this term, study of increasing effect on quality of life with HG may be considered.
- ② For agricultural production, it is recommendable to apply household wastes for compost production.
- ③ The name of "HG" should be changed to be Commercial level home garden or market oriented home garden.
- ④ Collective selling should be considered.
- ⑤ Value addition should be considered.

#### Dissemination

- ① Systematic monitoring of training results should be done for feedback of the training program and/or the contents.
- ② In order to increase the training efficiency, the highly practical technologies should be focused in training through monitoring the technology adoption rates.
- ③ Training of officers should be done on the areas of Leadership, Marketing and Farm accounting.
- ④ Marketing should be trained since no training has been done in this field.
- ⑤ The meeting with Sr. officers should be organized to finalize the draft of manuals/guidelines/case catalogs.

### 2.3 Studying the implementation process

The interview results are summarized in Table 4.

Table 4 Summary of interview results on the implementation process

Item	Kurunegala	Anuradhapura
1. Team work	At the initial stage of ICIM, the team work is satisfied; but at the latter stage, the Team concentrates to fields and the team work has been reduced, in agricultural sector. It should be improved by enhanced communication. Livestock sector has no problem about team work. Some works are done by field officers.	Although JCC is held at every 6 months, more dialog is necessary even informal.
2. Communication	Holding JCC at every six months is not enough. The operational level progress can be discussed at the regular monthly meeting in addition to JCC.	Good relation is realized with local experts by not only formal meetings but also personal contacts. It is suggested to have meetings to review the draft of manuals.
3. Decision making	It is very transparent. Village level decision is appreciated by the counterparts.	It is not obvious but not a problem.
4. Progress monitoring	JCC is effective for regular monitoring.	For progress monitoring, it is done by daily activities and JCC. No problem is identified. One Interviewee has participated in District level JCC for total two times, two for total three times, one at national level for total two times.
5. Capacity building of Sri Lanka C/P	On capacity building, CAP workshop and the PD method are effective for field level officers. Interpretation of GIS map and training presentation skills are effective for all the levels.	All of the interviewees have never attended any training program. For 2+2=4 field staffs of livestock and 3 of agricultural sector, any capability has not been improved except the PD method. Due to too small scale, it is difficult to identify the progress of the capacity. For the training needs, it is suggested to have the meetings.
6. Participation of superior authority		
7. Cooperation with other project (PEASE)		In past, no cooperation was done. At one site, 2 field staffs in livestock work for both projects. Any technical difference is identified between PEASE and ICIM because technical parts are done by the department. In their list of production groups/societies, there are no difference between extension groups and sub-committees although sub-committees are under FO.
8. Function of JCC		
9. Participation of JICA		

## 2.4 Technical advices

Drafts of total 28 manuals/guidelines/case catalogs have been provided, of which 17 are the manuals

on agricultural production, marketing & processing and dissemination. We studied the 17 drafts together with the observations at the above site visits, we suggested the following advices.

- ① On the PD method, drawings should be applied in stead of photos for clearer presentation and economical duplication.
- ② Any manual should include the basic common contents such as objectives, principles/theories, procedures and application, except very special ones. References should also be shown for the copyright.
- ③ Improving the production method of composts should be studied.
- ④ The compost production method of household wastes will be useful by citing the technology from the Central Environmental Authority.

Annex-1: Questionnaire answers and recommendations

1. Livestock on Nov. 17, 2009

Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group Nelliya FO, Livestock sub-committee
- ② Total group members: 22
- ③ Name of village Nelliya
- ④ 2007 is constitution and 2008 May established.

Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answers:

Technical guidance: Training in the village, Study tour to the training center for 1 day, Delivery of materials based on subject

Managerial guidance: Training of financial management

Financial support: Revolving fund.

Recently another study tour with 14 members was conducted at last week. The 1<sup>st</sup> training is how to start production, and the 2<sup>nd</sup> how to collect milking and nutrition control, pest and disease control processing for value addition.

The reason of joining the tour despite having learned form government officers is that collecting milking is a classroom type training but the tour is practical training. Although they learned form the officers, it was not practical.

On value addition, they learned making milk sweet, ice cream, yogurt and others. They plan to make milk sweets **immediately** to sell to small shops in the village. For Yogurt making, they are in planning stage.

Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Milk is only the product

Question-5: What are good points of these products?

Answer: Before no milk was produced, now they know how to breed.

**Question-6:** Where is the market?

Answer: "Milco" is the company name. Initially individual sells to the next town. Then the veterinary surgeon discussed with the company Then the company buy the milk if the product is more than 40L. They decided to discuss with Milco.

**Question-7** How many tons/numbers do farmers sell regularly to the market on each GROUP?

Answer: 40L was produced at 2 to 3 month ago, now it is 58. The decreasing is due to off-season of pastures, age of cows and others. Although it is encouraged, land is limited. (Control amount)

**Question-9:** Who are customers, wholesale market, middleman, local antenna shop, directly consumer, etc. ?

Answer: The 40L milk is sold to Milco, and the remaining 20L is sold in the village and consumed them selves. The government subsidy program is provided to drink milk for children. Consumers visit the farmers' house and buy them. The farmers boil and drink hot milk.

#### Technology

**Question-12:** What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Better nutrition control and health manage, quick access to veterinary office are the ones. Now very good relationship is established. They were advised to give minerals and vitamins.

#### Quality control

**Question-14:** Does the reiterated members conduct quality control?

Answer: Company checks it and decides the price.

If your answer is "Yes," what is the purpose of your quality control, food safety or consumers' satisfaction?

**Question-15:** What is the way of controlling the product quality?

Answer: They tried to increase the quality. They had a cattle shed and quality has been improved. They knew shed at the field visit. They get cow dang for fertilizer. If female cow is obtained, they can sell it at 5000 Rupies. Artificial insemination is most interested for price up. They have to pay 300 or 400 Rupies per one.

#### Market promotion

**Question-22:** How is the selling price decided?

Answer: When the company collects it, they take samples individually. Then they take samples from the mixed milk. Applying the mixed milk data, they evaluate the quality with tables of fat rate, solid, etc.: then the company decides the price and inform them. Payment is based on individual quality.



How do they make effort? Good pasture, concentration of oil cakes, minerals and vitamin are considered. These measures are advised by livestock development instructor and veterinary surgeons.

#### Stabilization of selling

Question-28: If your answer is Yes, how do you communicate with them and how frequently does farmers communicate?

Answer: Yes

Question-29: Do farmers try to have collect claims from buyers and consumers? If your answer is "Yes," please tell how to collect them, and how to react to them.

Answer: They discuss with Milco every two to three weeks. The company officer crimes the quality; farmers crime the price. The company officer explains other benefit to farmers such as insurance; if they join the insurance, 50,000 rupies are paid for a member if dies; insurance is 25 cents per liter, some 15,000 for family. Company provides feeds, medicine and others with reduced price.

The farmers have not visited the factory. They invited but they did not go due to money

Question-30: What training course did the farmers of each GROUP attend?

Answer: Almost all attended ICIM training course at the center.

Question-31: What plan do they have to increase the income?

Answer: New born cow is better than mother.

They want buy more animals with revolving funds.

Now 2 cows, increase to 4 cows within this year.

Every month, 30,000 R is refunded. If the cow price is 60,000, 20% is from farmers and 40,000 from the revolving fund. Every 1.5 to 2.0 months, they buy cows.

#### Additional questions and answers

(1) What are further improvements for live stock production?

Veterinary surgeons' answers:

- They were trained management but they still needs trainings due to low capability such as nutrition control. They need to nutrition further to improve low quality.
- Price of milk is better by processing.
- Up grading animals should be done by continuing artificial insemination.
- Now only one cow, how to improve record keeping should be trained.
- They should select good cows if they increase cows.
- Process is established for small scale breeding. Individual farmer uses plastic pails but they should apply aluminum containers.

- They buy mixed feeds although materials are available to produce it with low costs.

(2) Why not poultry?

Answer: There is domestic backyard poultry possibility.

(3) How frequently does the livestock development officer visit a farmer?

Answer: About once per month.

#### Recommendations

Member-1(S)

- ① Farmers are situated at zero and get knowledge. They can improve themselves.
- ② We should monitor and introduce other technologies such as process value added, expention and introducing new activites such poultry.
- ③ Other technologies should be trained such as value addition, introduction of poultry, etc.

Member-2(P)

- ① They had systematic method and enthusiastic. They take very possibility. In comparison with other projects, such as daily village program has allocated budget. There are differences; they select farmers who can afford 50%; another 50% is subsidy. Here, more self reliance appears. All the FO with ship of 10Rs/month can join the committee. Training components should be extended such as more economic; each farmer does not have record. They do not analyze data. Income expenditure is not monitored.
- ② Farmer level economic milk production and technical management should be enhanced such as record keeping training.
- ③ Cleaner milk production should be enhanced such as ensuring washing the pails or preparing small cans.

Member-3(3)

In order to increase the training efficiency, the highly practical technologies should be focused in training through monitoring the technology adoption rates.

2. Paddy group on Nov. 17

#### Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group: Sub-committee of Nelliya FO,
- ② Names of intervees: Ms. Sulochana secletary, Mr. Nanbana
- ③ Total group members: 96 members
- ④ Name of village: Nelliya
- ⑤ History of the group: 2007 is constitution and 2008 May established.

### Government/ICIM service

**Question-3:** What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

**Technical guidance:** These are Initial awareness meeting, demonstrations and training farmers group approaches, field visits. Contents of program are seeds of paddy, pesticide and fertilizers for each season. Every season, they have programs with non-participants. Every season, same contents (14 topics) program training is conducted.

**Managing includes financial management, leadership quality and group approach.** On the collective cultivation, **collective cultivation includes timely cultivation, same variety and collective purchasing in which they practiced all three.** Last season of total 40 members this season of total 64 members **joined collective purchasing.** Financial support includes revolving funds.

### Products

**Question-4:** What are farmers' selling products/commodities of each GROUP?

Answer: Only paddy

**Question-5:** What are good points of these products?

Answer: They feel better price but they do not know the reason. The yield is 4 tons/ha in earlier, and 8.5 tons/ha and 6.5 tons/ha at present.

### Technology

**Question-12:** What is the technology that producers made great efforts to develop/improve or acquire?

Answer: good land preparation=deep plowing, Use of organic matter, good seed paddy

### Market promotion

**Question-22:** How is the selling price decided?

Answer: Selling price depends on availability of rice; it was 35 Rs/kg, but now it is 45 Rs/kg at National market.

**Question-23:** How is the products carried to the market? (By Middleman?)

Answer: Traders come very few times. Agents of traders organize selling.

Stabilization of selling

**Question-27:** Do farmers communicate with buyers and consumers?

**Answer:** No. Very few farmers conduct direct selling to traders. Earlier, they got loans from traders. Now they do not need to sell immediately. They contract more traders outside. They can keep the rice, and call the contact. Two or three traders whom they know are living close to them.

The government has some system from Colombo. Government guarantee price is much less than outside.

They are proposing collective selling. They want to find price and decide price informal. It means that they are carrying out unorganized collective pricing. There is no success case of collective selling.

Additional questions and answers

- ① How much revolving fund amount and items of purchase: Seed agro chemicals and others are the items and 100% is revolved.
- ② Where deposited: Processes are collecting and giving treasures and then sub-committee decides then amount is approved by committee, release money and buy. When separate account deposit, treasures save them.
- ③ How manage the finance? All money is given to separate accounts, without approval of paddy sub-committee.
- ④ Before the Project, how did they get the information of quality seeds?: Individual farmer check with AIs. Now they discuss among them and then ask the AIs.
- ⑤ FTF is important.
- ⑥ There are meeting of sub-committee, 70 comes on average but in some cases, only 40 to 50 comes
- ⑦ They conducted crop diversification with GIS map. Only 10 farmers decided but 5 farmers practiced due to rain for paddy. They could not have good harvest. They do not need maize due to enough water.
- ⑧ He grew one acre of maize and had better yield than paddy in this season. Land preparation needs more labor and more fertilizer than rice. If rice, they can get 35,000 for rice per acre but 50,000 for maize. They grow sweet cone.

Recommendations

Member-1(S)

Transparency should be more enhanced (we should study more.)

Revolution of financial sub-committee level (We should study)

Smaller group formation should be studied for more efficient management.

GIS pictures are very expensive. Improving measures should be studied.

Member-2(K)

Enhancement of collective selling should be studied for the start of improving market.

Collective pricing should be organized.

3. Home Garden on Nov. 17

#### Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group: HG Sub-committee of Nelliya
- ② Total group members: 21 out of which 5 men and 16 women.
- ③ Name of invt :MR. Ranjath
- ④ History of the group: 2008 May

#### Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance: such as technical training, providing manuals, etc.
- Managerial guidance such as accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

They took study tour, discussing benefit of HG, field visit of compost and organic matter production. Total 8 farmers decided small to medium scale (0.25 acres-0.5 acre). In addition, due to limited home compounds, other 21 small farmers are members. Total 13 farmers are too small to have funds. Other technical guidance are several program compost making, land preparation, trilling and others from AIs.

Managerial guidance: financial management, leadership and group activity were taught  
The 9700 Rs are from revolving funds. Tools are from project for demonstration to share.

#### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Production is too small and is sold to only neighbors. Traders come in some cases once per week during only harvest season. No group marketing is done

Question-5: What are good points of these products?

Answer: Variety and seeds were poor, but now there are good quality vegetables. Previously they purchase vegetables from markets.

Question-6: Where is the market?/?

Answer: There retail sellers to other villages.

Question-7 How many tons/numbers does farmers sell regularly to the market on each GROUP?

Answer: Difficult to say. Average per 0.5 acres are applied of red-venerable and others for 1000 kg, green chili, ginger, egg plant from experience.

#### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Use of organic manure and pest management without high level of chemicals

#### Market promotion

Question-22: How is the selling price decided?

Answer: The price depends on the traders who frequently come. If often, better price, but if not frequent, less price. They do not conduct special efforts due to small production.

#### Additional questions and answers

What are their effects? They can reduce cost of house consumption, good mental satisfaction, having safe vegetables, using idle labors and re-cycling wastes.

Land is very limited space.

They are requesting new revolving funds for new place.

If they take vegetables to market, the price is double but high transport cost is needed.

There is no collective selling due to too small amounts.

#### Recommendations

- ① The small HG is effective not for economical benefit but for quality of the life. In this term, study of increasing effect on quality of life with HG may be considered.
- ② For agricultural production, it is recommendable to apply household wastes for compost production.

#### 4. Livestock on Nov. 18, 09

##### Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group: sub- committee of Kadurugasdamana FO (61 members)
- ② Total group members: 22 (but only 6 members are active; they have 6 cows from the revolving fund and 10 cows that not properly managed without AI.)
- ③ Name of village: Kadurugasdamana
- ④ Internee: Mr. Punchi Banda (Chairman)
- ⑤ History of the group: 2008, May

##### Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

Technical guidance: Awareness meeting, study tour of government farm to learn systematic production, several training program in the village such as building shells, nutrition, disease control, identification of menstruation sign, milking, importance of AI.

Managerial guidance: Financial management training for 3 days, and OJT of financial management at 6 times, leadership training for 2 days.

Financial supports: 272,000Rs to buy 6 cows by revolving fund. The fund is applied for 80% of the cow's price.

### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Only milk

Question-5: What are good points of these products?

Answer: After training, more milk from the same cow is realized. Approximately they increased from 2 - 2.5 to 6.5L/day for improved management and milking method. Management means having a shell and feeding, minerals and disease control. Improved milking is effective to shorter the time.

Question-6: Where is the market?

Answer: A company called Nestre

Question-7 How many tons/numbers does farmers sell regularly to the market on each GROUP?

Answer: Only 25L/day can be prepared despite the specific time of 50L.

### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Management is a factor especially feeding with good pasture, minerals and water.

### Quality control

Question-14: Does the reiterated members conduct quality control?

If your answer is "Yes," what is the purpose of your quality control, food safety or consumers' satisfaction?

Answer: Before milking they wash the hands and containers and select clean place to take milk.

Market promotion

Question-22: How is the selling price decided?

Answer: The price is fixed as 25R/liter, although company collectors takes 32 R/L or more depending on the quality.

Stabilization of selling

Question-27: Do farmers conduct collective activities such as collective selling or pricing?

Answer: No. A company called Nestre has a collection center at 20km from the farm. The agent comes everyday to collect milk. Since only 6 milking cows in the member, the volume is not enough. Although at least 50L/day is requested, only 25L can be prepared despite the specific time of 50L. The production is not stable. Formerly they collected milk but it could not be continued due to a lack of production volume. A government company provides a center if 50L is produced regularly. They have a plan to collective selling but not yet. Their plan is to contract with the Nestre and bring the milk by a contract person to sell 30 to 35R/L so that they do not need to have 50L. One person should collect milk into one can; it used to be done at they had many cows of total 1,000 heads by 1995 to 2000. But due to a lack of feeds, the number of cows is reduced for changing the farm into paddy.

Question-28: If your answer is Yes, how do you do it?

Additional questions and answers

Answers from the questions given by the Sri Lanka side members.

- There is a buffalo farmer having 38 heads. The milk is treated to be Yogurt.
- They form a livestock group and have technology and others. If there is no committee, they cannot have a systematic method with limited land.
- There is scarcity of good animals and thus if finding it, they buy immediately.
- Majority of milking work is shouldered on women.
- The village has 37 families and many infrastructure problems

Recommendations

Member-1(P)

- ① For such a particular place, the approach should be modified based on the partial Participatory Rural Appraisal (PRA) including outside persons.
- ② Quality milk production should be enhanced such as ensuring washing the pails or preparing small cans.

5. Paddy on Nov. 18, 09

Institutional framework

Question-2: Please describe the followings on each GROUP.



- ① Name of the group : Sub-committee of Kadurugasdamana FO (61 members)
- ② Total group members: 30
- ③ Name of interviewee: Ms. T. Saumyalatha (Chairperson)
- ④ Name of village: Kadurugasdamana
- ⑤ History of the group: May 2008

#### Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

Technical guidance: Initial training program of land preparation, weed control, organic matter use, quality seed application, seeder machine and weeder machine, IPM, seed production demonstrations. Before they used their own variety, but "BG358" was newly introduced. They increased the yield from 4 – 5 tons/ha to 6 -8 tons/ha.

Managerial guidance: Same as livestock

Financial supports: Revolving fund of 392,000 Rs for seeds, fertilizers, herbicide, etc. Recovery rate is 100%. Lacking Zink is indicated and improved; then the yield has been increased. The soil is analyzed in a part of GIS system.

Question-3(2):What is the most contribution of the yield increase?

Answer: Mainly organic matter application, timely cultivation and fertilizer application on time.

#### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Only paddy rice.

Question-5: What are good points of these products?

Answer: high yield of new variety

#### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: New variety, organic matter application, demonstration of seeder

On the organic matter, they did not use the organic before.

#### Market promotion

Question-22: How is the selling price decided?

Answer: There are few millers outside the village. They come to give them offering the price. The farmers discuss and negotiate with them; then price is decided.

#### Stabilization of selling

Question-27: Do farmers conduct collective activities such as collective selling or pricing?

Answer: No collective marketing is here. In future, they plan to collect but problem is storage place. The negotiation of the price with millers is done individually, but they conduct informal discussion. If the farmers have market information from other farmers and millers, they decide the expected price and negotiate with the millers.

Question-28: If your answer is Yes, how do you do it?

#### Additional questions and answers

- Expenditure is 30,000 to 35,000 Rs/acre and income is about 75,000Rs/acre at the price of 35Rs/kg. But now the price is 42Rs/kg and it will come down.
- Here, more transparent management is applied than the last group.
- They have 1-seeder and weeding device, 3-sprayers, 2-disk plows and 1-lipper. Payment is satisfactory to cover the cost.
- Demand driven situation is being created.

#### Recommendations

- ① The member scale of 30 will be appropriate.
- ② They should go for value addition, collective marketing and storage management.

6. Papaya on Nov. 19, 09

#### Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group: Sub-committee of Sri Udara FO, Rajangana left bank (Mr. Somsomaratna is the chairperson . FO was there but re-organized Oct. 2007.) Papaya
- ② Total group members: Total FO members are 300, Total sub-committee members are 33 for different crops of papaya, banana, egg plant and chili at 0.25 to 0.5 acre of each farm
- ③ Name of village: five villages of Rajangana
- ④ Name of interviewees: Mr. Gamini (Chairperson of the sub-committee) and Ms. Renuka Kumari
- ⑤ History of the group: Jan 2008, initial activity

#### Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.

- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

Technical guidance: After formation, AI trained papaya cultivation to 8 members. After discussion, funds were given for 6 persons, then additional 2 farmers were joined and total 8 farmers were joined.

Technical guidance: Land preparation, how to plant, compost, drainage system, strong seeding, pest and disease control, fertilization

Managerial guidance: Financial management in three days, OJT in the village, leadership, study tour to good HG area

Financial supports: Each farmer has 47,430 Rs as revolving funds, on average.

Compare to the past, they are using these technology through training and advices.

#### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: papaya, banana, egg plant and chili

Question-5: What are good points of these products?

Answer: Papaya is transportability

Banana is not seasonal and is harvested every week or two weeks and has a good market.

Chili and other vegetables were given up. They saw papaya and banana and discuss at study tour with other farmers. Market price is fluctuated.

#### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Good planting material is the one. The technology package is to be applied all, They apply fully including input.

#### Market promotion

Question-22: How is the selling price decided?

Answer: At present individually, price is decided by traders. The price depends on the volume. If they take as bulk (say 500kg), the price is high.

#### Stabilization of selling

Question-27: Do farmers conduct collective activities such as collective selling or pricing?

Answer: No collective selling is done. Now a company buys 25Rs/kg for papaya. Some have a plan but some members do not join it.

Question-28: If your answer is Yes, how do you do it?

Additional questions and answers

- Previously the price was 40Rs/kg, then 33 Rs/kg and now 17Rs/kg.
- The farmer produced 2800kg+900/o.5acre for two months.
- The problem is drainage.
- He buys compost from outside.
- Will you try scattering planting?: No due to problem on water and others.

Recommendations from On HG AI and SMO

SMO: Improve cultivation such drainage, management of pest and diseases. In selecting farmers water scarcity is a problem. Micro irrigation system is demonstrated to save water. Marketing and processing should be studied. Small study tour to other villages is recommended

AI: Plan other seasonal crops such as eggplant, chili, etc. Only 20 farmers realized the big yields; it takes time.

Recommendations

- ① HG should be changed to be Commercial level home garden or market oriented home garden.
- ② Marketing should be trained.
- ③ Collective selling should be considered.
- ④ Value addition should be considered.

7. Livestock on Nov. 19, 09

Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group : Live stock sub-com of Sri Udara FO
- ② Total group members: 30 out of which 17 members received animals form RF
- ③ Name of village: Five villages
- ④ Name of interviees: Ms. Dilshika Kumari (financial secretary and vice chairperson)
- ⑤ History of the group: Jan, 2008

Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

History: Technical guidance: At the earlier stage, there was no organization. They formed sub-committee consisting of both rice and non-rice farmers. Sr officers came to the sub-committee. Then they had training. No study tour due to one or two new farmers apply them to train.

Training: management of cow, nutrition, AI, how to manage cows, management of pregnant cows, pest and disease control, cattle shed, collect milking, collective marketing, better nutrition by OJT with 5 demonstrations

Managerial guidance : Financial management, leadership by class room and OJT

Revolving fund: 7 farmers for 17 cows and now 200,000Rs are collected for re-payment. 800,000Rs was provided from the ICIM.

#### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Fresh milk (card is small scale)

Plan of processed milk is suggested. The productivity is at 120L/day, in which 100L/day comes from 17 members (each cow more than 5L/day) and 20 from others

Question-5: What are good points of these products?

Answer: Milk yield is increased from 2L to 5L with the same cow. They got one for two year, and then one per year with AI. Cow product is least on August. The main reasons of the yield increase are nutrition management and purchasing good cows.

#### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Method of milking and nutrition control

#### Market promotion

Question-22: How is the selling price decided?

Answer: The price is based on non-fat content and solid content.

#### Stabilization of selling

Question-27: Do farmers conduct collective activities such as collective selling or pricing?

Answer: Collective selling is done.

Question-28: If your answer is Yes, how do you do it?

Answer: Every body bring milk, she records them, the company pays to the sub-committee, then sub-con pays to farmers after reducing the RF.

They are planning to process yogurt, mild toffee and card.

Additional questions and answers

- Changing to get safe milking.
- Cantina is plastic? Answer: Aluminum is very expensive.
- Do you drink milk? Answer: only 4 out of 10. Of course kids drink it.
- Livestock Development Instructor is in charge of 500 FFs. One VS has three LDIs.
- Compost is made of cow dang, leaves, straws and banana cuttings. The method is learned from ARPA. It is completed for three months by mixing every two weeks.

Recommendations from Veterinary surgeons

- ① Farmers need further improvement of nutrition control, conservation of pasture during the dry season, increasing number of cows and farm record keeping.
- ② Some other equipment such as glass cutters, milk container with RF.
- ③ Preparation of cattle feeds with available local materials should be promoted.

Recommendations

- ① Clean milk production should be enhanced.
- ② Compost production should be improved and commercialized.

8. Paddy on Nov. 19, 09

Institutional framework

Question-2: Please describe the followings on each GROUP.

- ① Name of the group : Sub-group of Sri Udara FO
- ② Total group members: 71
- ③ Name of village:
- ④ Name of Interviewee: Mr. R. M. Sormarathana (Ms. Bandara Menike, treasurer of FO)
- ⑤ History of the group: Oct 2008

Government/ICIM service

Question-3: What ICIM/government services are provided for registered members of each GROUP?

Please select from the followings and answer to us.

- Technical guidance such as technical training, providing manuals, etc.
- Managerial guidance for accounting, benefit sharing, communication among groups and good relationship with organizations concerned
- Financial supports by government subsidy

Answer:

History: Awareness meeting was held and then a few farmers joined earlier then the training program is done with 5 demo farms established,

Technical guidance: Training was done from all the aspects of paddy cultivation. Three seasons have 3 IPM programs at 15 to 20 farmers per program.

Financial supports: 371,000Rs for 44 farmers, 100% recovery

### Products

Question-4: What are farmers' selling products/commodities of each GROUP?

Answer: Paddy only

Question-5: What are good points of these products?

Answer: Technology increase yields. Fertilizer management controls this yield.

### Technology

Question-12: What is the technology that producers made great efforts to develop/improve or acquire?

Answer: Good land preparation, qualify seed, IPM

### Market promotion

Question-22: How is the selling price decided?

Answer: Traders control price, For instance, the present price is 43Rs; some said lower rate because they are not organized.

Question-27: Do farmers conduct collective activities such as collective selling or pricing?

Answer: No. Even no informal pricing is done. They have a plan of processing of paddy but they need knowledge, technology and system of revolving fund.

Question-28: If your answer is Yes, how do you do it?

### Additional questions and answers

- They increased the yield from 5.5tons/ha to 7.5tons/ha for organic fertilizer, seed management and others.
- Why not all members attend? Answer: Some are busy and some are the persons to follow the head runners.
- AI: Use of organic fertilizer, increase fertilizer use efficiency, improvement of on-farm water management, extension of IPM, **processing of paddy, milling rice** (it has market). If processing, the farmers can get better price.
- AI: Rice processing village program will assist it.
- AI: Yield increase is deduced to come from **organic matter application**.

### Recommendations

- ① Rice processing village concept should be promoted in the model sites. (Small group of farmers prepare small bags of rice and sell to the market directly.)
- ② In the sub-committee, small groups should be formed with the common interest.

- ③ Women participation should be promoted in all FO and sub-committee responsibilities.

General recommendation

- ⑥ Systematic monitoring of training results should be done for further improvement of the training program.
- ⑦ Training of officers should be done on the areas of Leadership, Marketing and Farm accounting.



## 6. 灌漑・水管理グループ分析メモ

### Result of the discussion・Recommendation & Lessons and learned (Irrigation)

#### ○Lessons and learned

#### 1. Situation of Divisional IE office

##### 1) Positive

- ①Communication with FO and farmers has been improved, the information from farmer to officer as well as officer to farmer has been improved. This built up linkage to all kind of activities in FO not only rehabilitation but water management and O&M.
- ②IE officers got innovative methods of technology and improve quality control of structures and contract documentation, GIS and on-farm water management.

##### 2) Negative

- ①Design and estimation has not finished on time for suitable construction period, because of complicated process and procedure in RDI and IE office.
- ②Local Senior officers have not sufficient commitment to ICIM as they cannot spare enough time due to other activities.
- ③Field officers are difficult to involve ICIM due to lack of resources from ID and other work assignment for them.
- ④Technical officers in IE office cannot be assign ICIM project continuously.

#### 2. Situation of FO

##### 1) Positive

- ①Participatory approach has improved through CAP work shop and OJT. Certain problems for rehabilitation and water management have been settled at the site by participatory approach.
- ②Communication has improved between officers and farmers so that farmers can solve many problems appropriately and immediately.
- ③Labor contribution has supplied at high level from FO and it promoted ownership

##### 2) Negative

- ①Only a few farmers attended to rehabilitation work.
- ②Interaction between sub-group is not sufficient and needs transparency.
- ③O&M activity is not on time for schedule due to lack of management by FO.
- ④No water management at D&F canals. Usually, Farmers do not keep Kanna decision.

#### 3. Situation of Activity

##### 3-1Rehabilitation

##### 1) Positive

- ①New skills of construction management such as concrete placing, layer soil compaction and financial management has been acquired.
- ②Rehabilitation scheme is good turning point for building up ownership and solidarity in FO and contribute productivity and cropping intensity as well as efficient water management and O&M.
- ③Farmer has acquired construction skill through rehabilitation program.
- ④Quality of ICIM rehabilitation is relatively better than other projects

2) Negative

① Rehabilitation term is overlapped with water issue period, farmers have to spend more time for rehabilitation which effects to their daily works.

3-2 Water management and O&M

1) Positive

① FO set up FCG and motivate water management and O&M activity through rehabilitation.

2) Negative

① Only a few FOs implement water management and O&M properly.

3-3 GIS

1) Positive

① GIS contributes rehabilitation planning, farm management, land use planning and so on.

② GIS is useful tool for officers and farmers to understand their scheme.

2) Negative

① GIS is not used continuously because of no maintenance in IE office and frequent transfer of the officers who has acquired the GIS skill.

② GIS system is generally expensive and it takes time to complete.

○ Recommendation

Irrigation

1. Institutional improvement

First term rehabilitation has conducted at 3 mode site, field officers such as IE, EA, WS and FO achieved it successfully, however, it is difficult to complete rehabilitation on time and acquire good quality, mainly due to

- a. Long procedure for preparation and approval of rehabilitation plan and estimation by RDI and IE office.
- b. not enough assignment and involvement of field officers to ICIM project.
- c. not enough time to manage project activities by Project Manager (PM)

It is recommend to take necessary measure for ICIM rehabilitation that

- ① Improve field officers (EA, DP, WS) involvement and motivation as C/P body
- ② Improve management system. Full time project manager has to be assigned in charge of management of several FOs comprehensively and integrated.
- ③ Produce some sort of incentive for participating ICIM project by Sri Lankan government.

2. Sustainability for GIS system

As initial activity, GIS system has achieved and started application at the model sites with TOT training and necessary material provisions, But all EA in charge of GIS at the site has transferred after taking training and material provisions.

It is recommended that special unit for GIS assign at District level to update and apply GIS system to the project site continuously.

### 3. Water management and O&M

Now that first stage rehabilitation has finished, it is recommended that FO has to shift to water management and O&M activities simultaneously. Also, FO has to prepare comprehensive water management and O&M plan in order to maintain system and sustain the project with assistant of officers.

7. モデルサイト概要

モデル地区の概要及びかんがい分野の進捗状況

	Kimbulwanaoya (Kadurugasdamana District)	Kadurugasdamana (Anuradhapura District)	Rajangana (Anuradhapura District)	
概要 ①規模 ②入植・増反 ③補修工事の規模・緊急性 ④オフィスからの所要時間 ⑤モデル地区の初期事業 ⑥水源と受益 FO 数	①大規模 ②入植 ③中規模・緊急 ④約1時間(車) ⑤1957年 ⑥1タンク/9FO(右岸)	①中規模 ②増反(伝統村) ③小規模・緊急 ④約1時間半(車) ⑤1979年, 2006年 ⑥1タンク/1FO	①大規模 ②入植 ③中規模・やや緊急 ④約50分(車) ⑤1965年 ⑥1タンク/15FO(左岸)	
地域、FOの概況 (灌漑関係について)	・半湿潤地域、顕著な水不足の経験は無い。 ・公平、明確な水配分計画が課題。 ・FO幹部の信頼性がやや欠け、FO内の合意形成手法にも課題が多い。	・乾燥地域、やや慢性的な水不足地域 ・降雨開始が遅く短期間。 ・天水田も多い。 ・伝統村であり、団結度は高いが、不在地主が多い。	・やや乾燥地域、ラジャンガナタンク受益地区内であり、顕著な水不足の経験は無い。 ・水管理組織は比較的整備されているが、実効性に乏しい。 ・水路延長が長く、組織、配分規則が課題。	
受益面積(水田・現況)	94ha	76ha	306ha	
FO農家数(正規会員)	169	61	285	
Irrigation sub-group member	11	11	25	
気候区分帯(降水量区分)	中間地帯(1,500-2,500mm)	乾燥地帯(0-1,750mm)	乾燥地帯(0-1,750mm)	
土壌区分	・排水不良土壌 50% ・不完全排水土壌 50%	・排水不良土壌 85% ・不完全排水土壌 15%	・排水不良土壌 15% ・不完全排水土壌 40% ・完全排水土壌 45%	
営農体系 (主要作物)	①ヤラ期(4-9月) : 米 ②マハ期(10-3月) : 米	①ヤラ期(4-9月) : 米(一部) ②マハ期(10-3月) : 米	①ヤラ期(4-9月) : 米 ②マハ期(10-3月) : 米	
灌漑施設 改修事業計画の概要	施設改修計画 (D&F canal)	①緊急度、合意に基づき3年間で施設改修を行う。 ②工種 ・D(2次)水路 : 1,916m ・F(3次)水路 : 5,544m ・分水工2, 6FTO, 18FO ・水路横断工 4 culvert ③予算計画: 2M Rs×3 times (ICIM プロジェクト予算)	①緊急度、合意に基づき3年間で施設改修を行う。 ②工種 ・D(2次)水路 : 1,412m ・F(3次)水路 : 5,931m ・分水工3, 分水工11FTO ・水路横断工 7 culvert ③予算計画: 2M Rs×3 times (ICIM プロジェクト予算)	
	改修工事 手続	①施設現況調査 ②FO総会による承認 ③受益農家同意の徴集 ④測量、設計、積算 : EA ⑤契約締結 ⑥工事受託者: FO ⑦現場監督、検査 : IE ⑧前金払(20% or Rs200,000) 部分払(出来高払、精算払) ⑨機材供与 振動コンパクター、ロードローラ、 コクリートミキサー、パイプレータ	同左	同左 ※契約は、IDとFO間で締結。
	農民労務参加 (Contribution)	・全ての非熟練工(unskilled labor)の労務に無償で参加。 ・状況により、機械、資材を提供(工事費の15~30%程度) ※検討中	同左	・一部の非熟練工(unskilled labor)の労務に無償参加。 (工事費の10%程度)

		Kimbulwanaoya (Kadurugasdamana District)	Kadurugasdamana (Anuradhapura District)	Rajangana (Anuradhapura District)
・施設の課題と改修方針 (Rehabilitation)	事業実施前	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・土水路のため維持管理不足、漏水等により通水機能に支障がある。</li> <li>・下流域には、農家が多量の PVC パイプを無断設置し、勝手に取水している。</li> <li>・水路敷、管理道路敷が、勝手に農地として使用されている</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・土水路であり、維持管理に乏しい。</li> <li>・当初の水路配置が大きく変更されている。</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・土水路であり、維持管理不足、漏水等により通水機能に支障がある。</li> <li>・地形勾配が無い地区であり、排水機能も不足している。</li> <li>・下流域で塩害も見られる地域。</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・土水路であり、維持管理がされていない。</li> <li>・水路の通水機能が低下している。</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・比較的良好であるが、チェックゲート、落差工、分土工、等の施設機能不全が見受けられる。</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・土水路、維持管理はされていないが、通水機能は比較的維持されている。</li> <li>・水路延長が比較的長い。</li> </ul> </li> </ul>
	改修方針	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・漏水箇所、侵食箇所についてコンクリート水路化工事。</li> <li>・併せて並行する農道の改修工事を実施。</li> <li>・水路敷、管理道路敷の境界を復旧する。</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・D水路沿いに無断設置されている分水パイプを再編成し、残す箇所にはゲートを設置し、公正な水管理に寄与する。</li> <li>・土水路の大部分は小規模であり、改修は維持管理で対処。</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・漏水箇所、侵食箇所についてコンクリート水路化工事。</li> <li>・併せて並行する農道の改修、整備工事を実施。</li> <li>・排水機能の確保も検討。</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・土水路の大部分は小規模であり、維持管理で対応。</li> <li>・今後排水路の整備の検討が必要。</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>①D水路 <ul style="list-style-type: none"> <li>・漏水箇所を中心にコンクリート水路化工事。</li> <li>・機能不全となっている分土工、落差工の改修。</li> </ul> </li> <li>②F水路 <ul style="list-style-type: none"> <li>・土水路が大部分であるが、盛土部分、排水路の横断部については、コンクリート水路化を実施。</li> </ul> </li> </ul>
・水管理の課題と改善方針 (Water management)	事業実施前	<ul style="list-style-type: none"> <li>①タンク及び M 水路の水管理計画については、各 FO から構成されるカンナ会議で決定。</li> <li>②カンナ会議の合意を受け、FO 委員長及び副委員長が D 水路の水管理計画を経験則から策定(踏襲)し、操作。</li> <li>③F 水路については、組織化されておらず、水管理規則が無く、農家が任意に操作。</li> <li>※2009Yala 期の旱魃時に、全域 OFG を決議したものの、農家の水田嗜好により、遵守されていない。</li> </ul>	<ul style="list-style-type: none"> <li>①カンナ会議では、タンクのスルースの開閉時期のみを決定。FO 委員長が単独で操作。</li> <li>②1タンク、1FO のため、カンナ会議が水管理に関する決定機関となるが、D 水路以降の水管理組織はなく、水管理に関する取り決めはなく、常に通水状態。</li> <li>③水路には管理用のゲートも設置されていない。</li> </ul>	<ul style="list-style-type: none"> <li>①カンナ会議での決定事項を元に、D 水路、F 水路での配水計画を決定。</li> <li>②水不足時のみローテーションを実施。通常は、</li> <li>③明確な取り決めがなく、上流優先となる。また、FO 内に十分な調整機能はない。</li> <li>④D 水路、F 水路には水管理人が配置されているが、あまり機能していない。</li> <li>④F 水路は延長が長い為、F 水路内の取り決めはある程度行われている。</li> </ul>
	改善方針	<ul style="list-style-type: none"> <li>①FO 内に灌漑部会(sub-group)、支線水路グループ(FCanal Group)を設立</li> <li>M 水路管理 (IE)</li> <li>D 水路管理 (FO sub-group)</li> <li>F 水路管理 (FCG)</li> <li>②カンナ会議にて M 水路水管理計画を策定</li> <li>③各 FO 内にて D,F 水路水管理計画を策定、</li> <li>④PMC にて水管理計画、罰則規定等を承認。</li> <li>⑤施設改修時には、水路の再編成を行い、D 水路内 FTO には全てゲートを設置。</li> <li>⑥水管理のためのゲージを設置し、H-Q の作成。</li> </ul>	<ul style="list-style-type: none"> <li>①FO 内に灌漑部会(sub-group)、支線水路グループ(FCG)を設立</li> <li>M 水路管理(IE)</li> <li>D 水路管理(FO sub-group)</li> <li>F 水路管理 (FCG)</li> <li>②カンナ会議にて M 水路水管理計画を策定</li> <li>③各 FO 内にて D,F 水路水管理計画を策定、</li> <li>④PMC にて水管理計画、罰則規定等を承認</li> <li>⑤施設改修時には、水路の再編成を検討し、D 水路内 FTO には全てゲートを設置する。</li> <li>⑥但し、Kadurugasdamana 地区は 1 タンク1FO であり、各 FO 間の調整は必要ない。</li> </ul>	<ul style="list-style-type: none"> <li>①現在の水管理人を再編成し FO 内に灌漑部会(sub-group)、支線水路グループ(FCG)を設立</li> <li>M 水路管理(IE)</li> <li>D 水路管理(FO sub-group)</li> <li>F 水路管理 (FCG)</li> <li>②カンナ会議にて M 水路水管理計画を策定</li> <li>③各 FO 内にて D,F 水路水管理計画を策定、</li> <li>④PMC にて水管理計画、罰則規定等を承認</li> <li>⑤施設改修時には、水路の再編成を検討し、D 水路内 FTO には全てゲートを設置する。</li> </ul>
・維持管理の課題と改善方針 (O&M)	事業実施前	<ul style="list-style-type: none"> <li>①ヤラ期、マハ期のかんがい開始前に、シュラマダーナにより、水路の草刈、泥上げのみを実施</li> </ul>	同左	<ul style="list-style-type: none"> <li>①ヤラ期、マハ期のかんがい開始前に、シュラマダーナにより、水路の草刈、泥上げのみを実施</li> <li>②D 水路には、実験用として、ラビリンズ堰、バツフルゲートが設置されていたが、操作が複雑で、実態上の運用が困難で、廃棄され</li> </ul>

	Kimbulwanaoya (Kadurugasdamana District)	Kadurugasdamana (Anuradhapura District)	Rajangana (Anuradhapura District)
			つつある。
改善方針	①FO 内の灌漑部会において、灌漑計画開始前に、維持管理計画(時期、範囲、担当、罰則等)を策定。 ②O&M 費について、今後必要となる費用と自立性を各区補するために、O&M ファンドを設置 ③AGM にて承認。 ④各種負担金は、農業購入補助金の支払い時に徴集し、徴集率を高める。 ⑤未支払者に対しては財務担当が積極的に徴集を実施する。	同左	同左
・水管理維持管理費(O&M fee) [徴収率]	①50Rs/Ac/season [100%(169/169)]	①0.5Bu/Ac/year [71%(50/61)] ※1Bu=20kg=700Rs	①100Rs/Ac/season [98%(294/300)]
・Membership fee [徴収率]	徴収無	100Rs/year/farmer [75%]	徴収無
・Saralis [徴収率] ・配分	①0.5Bu/Ac/season [96%] ②FO(20%),FCG(20%) FO committee(20%×3人=60%)	①0.5Bu/Ac/season [58%] ②FO(50%),FCG(50%)	①徴収無
・リハビリ工事参加率(第1回) [参加延べ日数]	93% (120/130人) [(823/838)人・日]	74% (45/61人)	100% (66/66人) ※FC15系農家のみ参加 [(743/932)人・日]
・リハビリ工事参加義務 [不参加時の Penalty]	2day/Ac [500Rs/day]	4days/Ac [700Rs/day]	7days/Ac [600Rs/day]
・水路清掃、草刈作業 (Shuramadana)義務 [不参加時の Penalty]	無し	10~15m/family [50Rs/2m]	10~12m/family [50Rs/2m]
・灌漑関係の 研修	実施済	①灌漑研修検討委員会(Irrigation Training Study Committee :ITMSC)の設置。 ・研修マニュアル(トレーナー用)案作成 Rehabilitation and construction management 編, water management 編, GIS 編 ・研修ハンドブック(トレーニー用)案作成 Rehabilitation and construction management 編, water management 編 ②GIS マニュアルの作成 ②研修の実施 ・GIS研修(C/P、政府職員)の実施、 ・OJTの実施(農家)の実施	
	今後の予定	①TOT研修(C/P、政府職員)の実施 ②OJT(農家)の実施 ③研修のモニタリングにより、研修マニュアル、研修ハンドブックの改訂 ④研修マニュアルのオーソライズ(ID) ⑤OJTの充実のため工事写真を利用したリファレンスを作成	

		Kimbulwanaoya (Kadurugasdamana District)	Kadurugasdamana (Anuradhapura District)	Rafangana (Anuradhapura District)
・年次別活動内容		2007 : ・かんがい分野に関する研修、技術内容の検討、マニュアル整備の検討  2008 : ・灌漑研修検討委員会(ITMSC)の設置(2008年5月) ・マニュアル、ハンドブックの編集開始 ・GISトレーニングの開催 ・リハビリOJTトレーニングの開催 ・土壌調査の実施、GISマップの作成開始  2009 : ・灌漑研修検討委員会によるマニュアル案、ハンドブック案の完成 ・GISマニュアル案の完成 ・GISマップの完成 ・GISセミナーの開催 ・リハビリOJTトレーニングの開催  2010 : ・TOTトレーニングの開催 ・OJTトレーニングの開催 ・GIS研修の開催 ・トレーニングマニュアル案、ハンドブック案の改訂  2011 : ・トレーニングマニュアル、ハンドブックの完成 ・マニュアル類のオーソライズ(ID) ・灌漑技術研修セミナーの開催(リハビリ、水管理、GIS)		
・改修工事の実績	2008年度	①契約金額 : Rs 848,014 ②工期 : 2009.1-2009.3 ③農民参加 : Rs308,078(26.8%) ④工種 ・農道補修(420m) ・コンクリート水路(144m) ・分水工1、カルバート工1	①契約金額 : Rs 1,998,163 ②工期 : 2008.12-2009.3 ③農民参加 : Rs306,500(15.3%) ④工種 ・農道補修(420m) ・コンクリート水路 : (180m) ・トラクター横断工 4 ・分水工補修3、ゲート設置	①契約金額 Rs3,529,500 ②工期 : 2009.3-2009.10 ③農民参加 : Rs1,134,186(10.3%) ④工種 ・コンクリート水路 : (120m) ・農道改修 : (1,100m) ・FTO 設置
	2009年度	①契約金額 : Rs1,134,186 ②工期 : 2009.3-2009.9 ③農民参加 : Rs308,506(21.4%) ④工種 ・農道補修 ・コンクリート水路(74m)  ※2009.12 から2期を工事予定	①契約金額 : Rs 1,884,087 ②工期 : 2009.10-2010.2 ③農民参加 : Rs600,954(24.2%) ④工種 ・コンクリート水路(199m) ・擁壁工(83m) ・FTO, 水路横断工 1 ・農道補修	準備中 ※ 2009.12 に発注予定
・成果と課題	改修工事の課題・問題点	①工期が雨期に重なった。 ②unskill labor contribution 100%は厳しい。 ③コンクリート工等の工種に semi-skilled labor の区分を整備し、この区分に contribution を設定しないほうがよい。 ④EA,WS 等の政府職員の連携が課題	①不在地主が多く、参加が困難だが、地主が参加不可の場合、tenant farmer が参加している。 ②mason は外部から雇用したが、農家が大部分の仕事を実施できるようにになった。Semi-skill のような区分は必要ない。 ③多くの工事が周辺で実施され、砂利の品質が低下しており、確保が困難となった。 ④工事の実施時期が適切でない。	①面積、農家数が多く、関心のない人が多く、参加者の確保が困難。一部に不在地主が多く、参加が困難な状況もある。 ②トラクター、牛が水路にダメージを与えている。
	改修工事実施の効果	①政府職員との関係が向上。 ②OJT トレーニングにより、コンクリートの配合計算、品質管理を理解した。	①OJT トレーニングにより、技術が向上し、自前で工事ができるようになりつつある。	①トレーニングにより、自信ができた。 ②トレーニングにより、育成した人材を活用したい。
	政府職員の指導内容	①工事の監督、品質管理。	①工事の監督だけでなく、品質管理、資材購入にアドバイスを受けている。 ②将来的に FO で管理できるようになりたい。	①施工管理については、IE からサポートを受けている。 ②資材(砂、砂利等)についても、IE からの情報を受けて、優良で安価な資材購入先を選定している。
	水管理の状況(D,F水路)	①水管理の計画出来たが、まだ実施されていない。 ②一部の者がゲートを操作している。 ③毎週金曜日に Irrigation	①以前は、水管理はなし。ゲートを常に開放していた。水が常に不足していた。 ②リハビリを契機として、水管理を開始したい。	①D 水路の上流と下流部でローテーションを組んでいるが、配水期間が短く、末端まで水がいきわたらない。 ②ゲートがなく、農家が勝手に操作するため管理が困難。

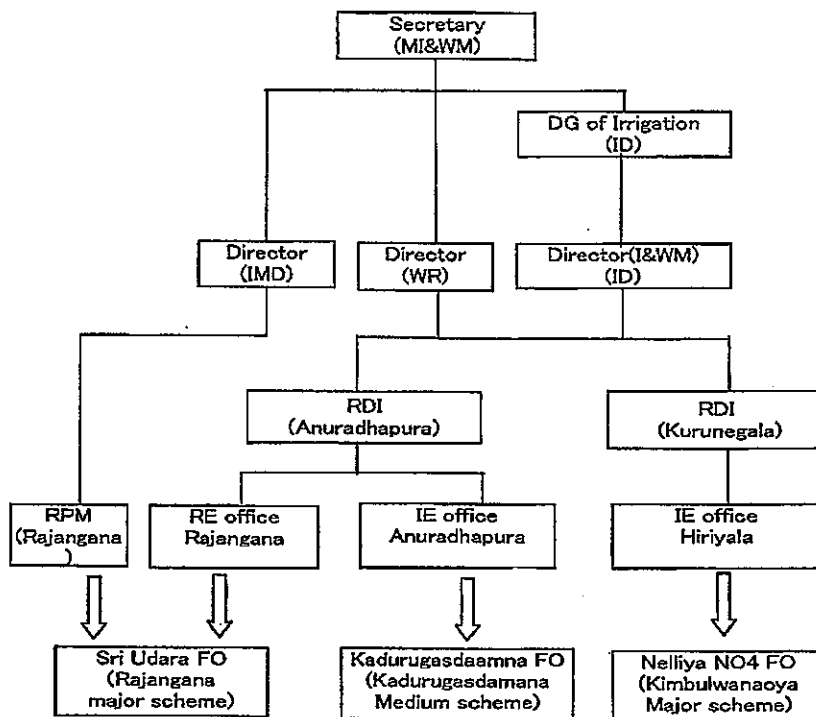
	Kimbulwanaya (Kadurugasdamana District)	Kadurugasdamana (Anuradhapura District)	Rajangana (Anuradhapura District)
	sub-committee meeting を開催。 ③毎月 PMC を開催		③水路補修工事、ゲートの設置工事により、水管理を再編したい。
維持管理費等の徴集の改善事項	①O&M fund を整備し、維持管理に役立てたい。 ②肥料補助と関係して徴収するのが効果的である。	①水管理・維持管理の実施には厳しいルールが必要である。 ②肥料補助の申し込み時に、O&Mfee, penalty を収集することが効果的である。 ③ホルビンクファントへの参加と各種料金の徴収と併せての対応が有効。	①肥料補助と各種の料金の徴収を連携させることが有効である。
PEACE 事業との相違点	①無し (近隣に PEACE 事業なし)	①無し (近隣に PEACE 事業なし)	①Labor contribution は同様。 ②ICIM は PEACE より開始が遅かった。 ③ICIM の投入は、PEACE よりも密度が濃い。
GIS	①Tool として有効である。営農に最も有効である。	①以前は、地区全体を示すものはなかったが、GIS map によりわかりやすくなった。	①無し
その他	①一人の chair person が全ての sub-group を管理するのは、困難であり、ICIM の sub-group に責任を持たせるやり方がよい。	①タンクの内水面漁業権により、125,000Rs の使用料を徴収していることから、FO の財政に貢献している。	①多くのプロジェクトを同時並行して実施したい。 ②RPM が配置されており、サポートが他地区より充実している。



8. 灌漑施設改修事業にかかわる行政組織図

灌漑施設関係改修事業に係わる行政組織図

Organization Chart for Irrigation (Ministry of Irrigation and water managemen



ID approves contract over Rs 5M

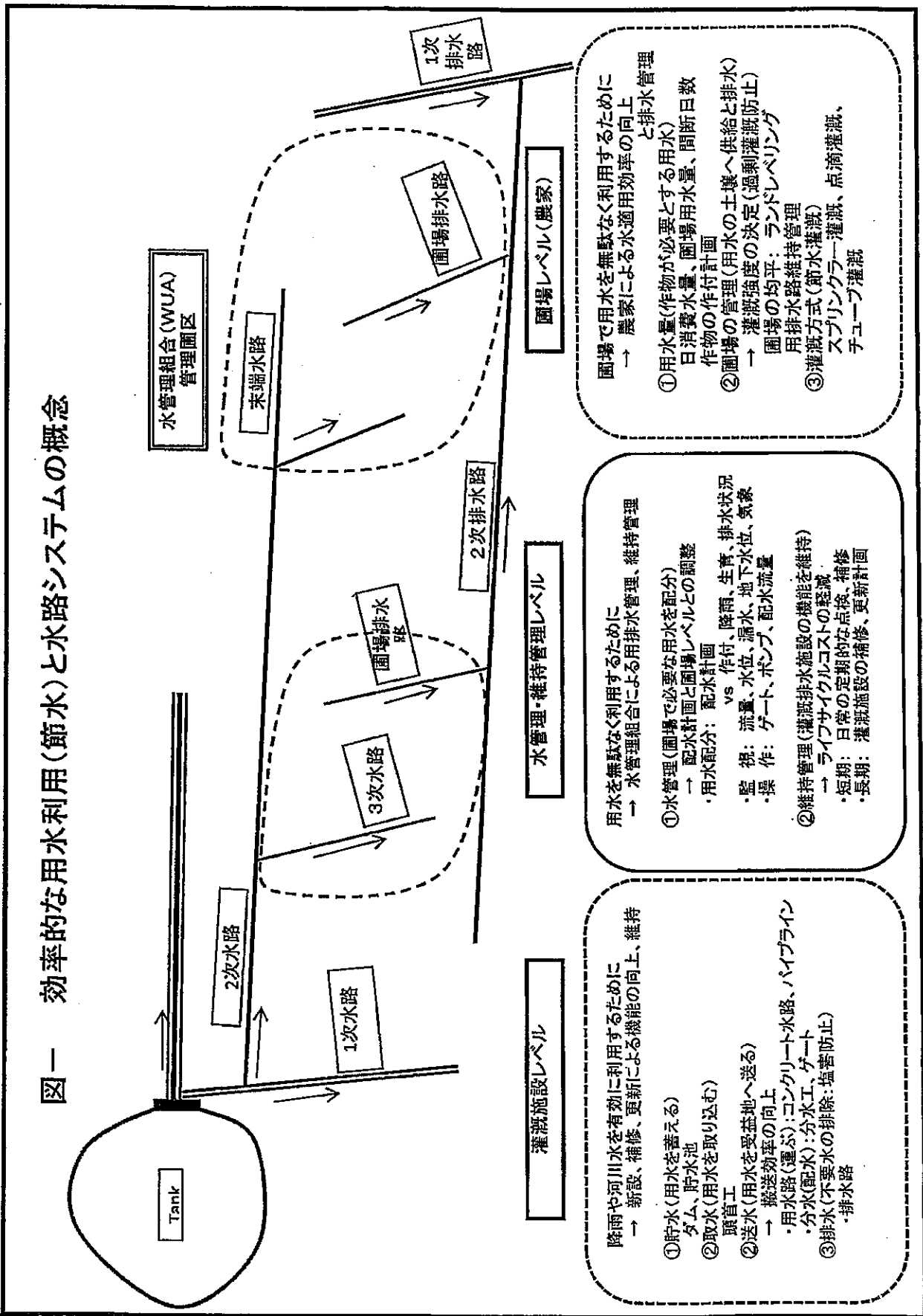
RDI approves contract from Rs 500,000 to Rs 5M

IE approves contract below Rs 500,000

(参考) RDI Kurunegala

Central ID	District RDI office	Division IE office	
Irrigation department	RDI	1	
	CIE	1	
	IE	2	
	IDO	1	
	DP	5	
	AO	1	
	Clerks	15	
	driver	2	
	Total	28	
		IE	1
		DA(senior)	1
	DA	1	
	EA	4	
	DP(senior)	3	
	WS	5	
	Clerks	6	
	Driver and operator	3	
	Maintenanece labor	12	
	Total	36	

図一 効率的な水利用(節水)と水路システムの概念



降雨や河水を有効に利用するために  
 → 新設、補修、更新による機能の向上、維持

- ①貯水(用水を蓄える)  
 ダム、貯水池
- ②取水(用水を取り込む)  
 頭首工  
 → 搬送効率の向上
- ③送水(用水を受益地へ送る)  
 用水路(運ぶ): コンクリート水路、パイプライン  
 ・分水(配水): 分水工、ゲート  
 ③排水(不要水の排除: 塩害防止)  
 ・排水路

用水を無駄なく利用するために  
 → 水管理組合による用排水管理、維持管理

- ①水管理(圃場で必要な用水を配分)  
 → 配水計画と圃場レベルとの調整  
 ・用水配分: 配水計画  
   vs 作付、降雨、生育、排水状況  
 ・監視: 流量、水位、漏水、地下水位、気象  
 ・操作: ゲート、ポンプ、配水流量
- ②維持管理(灌漑排水施設の機能を維持)  
 → ライフサイクルコストの軽減  
 ・短期: 日常の定期的な点検、補修  
 ・長期: 灌漑施設の補修、更新計画

圃場で用水を無駄なく利用するために  
 → 農家による水適効率の向上と排水管理

- ①用水量(作物が必要とする用水)  
 日消費水量、圃場用水量、間断日数  
 作物の作付計画  
 圃場の管理(用水の土壌へ供給と排水)  
 → 灌漑強度の決定(過剰灌漑防止)
- ②圃場の均平: ランドレベルリング  
 用排水路維持管理  
 ③灌漑方式(節水灌漑)  
 スプリングラワー灌漑、点滴灌漑、  
 チューブ灌漑

November 13, 2009

Explanatory Note for Sri Lanka Members on  
Agricultural Production, Marketing & Processing and Dissemination  
of the Mid-term Review of the Project  
“Increasing the Capacity of Integrated Management in Irrigated Agriculture in Dry Zone” (ICIM)  
by  
H. Kanamori, JICA side member

1. Introduction

This paper is prepared to establish common understandings and define our activities among the members on agricultural production, marketing & processing and dissemination, including members nominated by the Sri Lanka side. The method of establishment is confirming premises and issues found in studying the delivered papers and suggestions by the JICA office. The premises include contents of the Mid Term Review, strategy, framework and model sites' profiles of the ICIM. The issues include discrepancy between the planned implementation and real implementation, revision of PDM, dissemination process, coordination with PEASE, and technical evaluation of the achievement. In order to define the review activities to be done after Nov. 15, we need to have preliminary discussions with this paper. Our opinions are also presented at each issue herein.

2. Objectives, Methodology and Schedule of the Mid Term Review

2.1 Objectives of the review

- 1) Confirm the achievement and implementation process of the ICIM,
- 2) Evaluate the result with the five criteria,
- 3) Discuss the overall direction of the remaining project period and
- 4) Recommend necessary measures for improvement of the Project activities.

2.2 Methodology of the review

The review is conducted;

- 1) jointly by Japanese and Sri Lanka Members of the Review Team,
- 2) by collecting data and information (up to July 31<sup>st</sup> 2009) through
  - examining documents prepared by the Project
  - interviewing counterparts, local government officials and beneficiary farmers,
  - observing the ICIM sites,and then,
- 3) by assessing the degree of achievement of the Project Activities, and
- 4) by analyzing the overall achievement using five criteria.

N.B. Five Criteria are

- Relevance: This is to question whether the outputs, Project purpose and overall goal

are still in keeping with the priority needs and concerns at the time of evaluation.

- Effectiveness: This concerns the extent to which the Project purpose has been achieved, in relation to the outputs produced by the Project.
- Efficiency: This is the productivity of the implementation process. How efficiently the various inputs were converted into outputs.
- Impact: This is changes, either intended and unintended, direct and indirect, positive and negative, which were made as a result of the Project.
- Sustainability: This is to question whether the Project benefits are likely to continue after the external aid has come to an end.

### 2.3 Members and schedule

Table 1 shows the member list of Sri Lanka side members and Table 2 shows outline of the schedule.

Table 1 Nominated members by the Government of Sri Lanka

No	Name (Designation)	Organization
1	Mr. P.U. Wickremarathna (Director)	Ministry of Irrigation and Water Management
2	Mr. G. A. M. S. Emitiyagoda, (Head of Secretariat)	Apiwawamu Ratahadamu Secretariat, Ministry of Agriculture Development & Agrarian Services
3	Dr. (Mrs.) Pushpa Wejewantha (Director)	Livestock Planning and Economic Unit, Department of Animal Production and Health.
4	Mr. W. Palitha (Director)	Provincial Department of Agriculture, North Western Provincial Council.
5		

Note: Highlighted persons are members expected for agricultural production, marketing & processing and dissemination

Table 2 Mid-term review schedule outline

Date	Day	Activity
16-Nov	Mon	Kick off Meeting at Ministry of Irrigation Meeting with Irrigation Dept/ Ministry
17-Nov	Tue	Survey at Kimbulwana-oya via Kurunegala
18-Nov	Wed	Survey at Anuradhapura
19-Nov	Thur	Survey at Anuradhapura Rajangana Field visit (home garden (Papaya)) Meeting at JICA ICIM Project office, (ITI Director)
20-Nov	Fri	Survey at Kurunegala
21-Nov	Sat	Discussion / Report Preparation
22-Nov	Sun	Discussion / Report Preparation
23-Nov	Mon	Discussion / Report Preparation at JICA Meeting with ID - Jayasinghe/Jayathilaka/Somasiri Meeting with National Planning Department
24-Nov	Tue	Discussion / Report Preparation
25-Nov	Wed	Discussion / Report Preparation
26-Nov	Thur	Discussion / Report Preparation
27-Nov	Fri	JCC Meeting in Colombo

### 3. Outline of the ICIM

#### 3.1 Project Strategy

Fig.1 schematically explains the ICIM strategy with the following descriptions of the Project implementation processes.

- ① Ministries and other government bodies including provincial & district bodies and institutes guide FOs to formulate Community Action Plans (CAP) applying the results of baseline survey, PRA and GIS information. In addition, they supply appropriate technologies to FO and subcommittee members.
- ② In the FO, sub-committees are established and action plans of sub-sectors are formulated, in the framework of the CAP.
- ③ On irrigation facility rehabilitation, local government staff conduct the walk through survey with FO and make Main Agreement, Specification, BOQ (Bill of quantity), Design and Drawing. FO members carry out construction work based on contract agreement, with tools, materials and supervision services provided by the local government staff. Farmers pay O&M fees and the FO manages them to carry out water management and O&M.
- ④ On agricultural development (i.e. paddy including on-farm water management, home gardens, livestock), sub-committees carry out demonstrations to disseminate the technologies to the representative farmers groups with assistance and facilitation by the extension agents. The FO, through sub-committees, provides revolving funds for group activities. Farmers repay the funds with interest and FO use the repaid funds to extend the revolving fund to other farmers.
- ⑤ In the ICIM project, working committees (WCs) identify training needs, produce training manuals & materials, carry out training activities (workshops, OJT etc) and follow-up training authorized by Training Advisory Committee (TAC)/JCC.
- ⑥ JICA team (Japanese experts and local experts) conducts facilitation of TAC/JCC, and WCs, carry out total coordination among related organizations at the central to district level and facilitation of FOs, and prepares funds for revolving and community contracts for rehabilitation and provides equipment. This JICA team function will be replaced by the Joint Working Committee for sustainable expansion of the ICIM model during the second half of the project term.

#### 3.2 Project framework –Objective tree and PDM

As shown in Fig.2, the PDM narrative summary comes from the objective tree according to the theory of Project Cycle Management (PCM). We thus drew the objective tree with the PDM as shown in Fig.3. Comparing Fig.2 and Fig.3, more categorizing the activities will be necessary for making it simple enough to be easy for understanding.

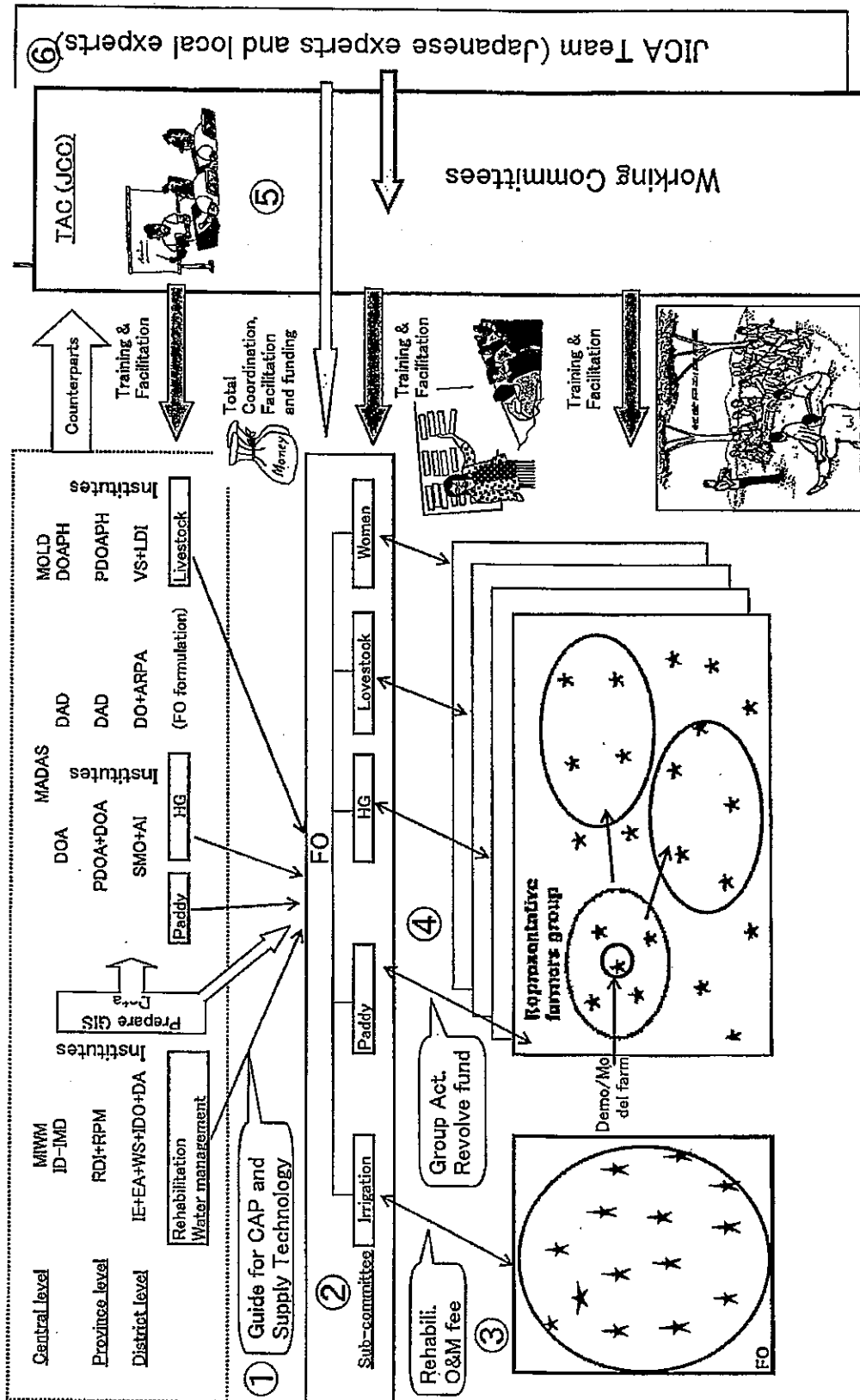


Fig. 1 Schematic summary of ICIM project strategy

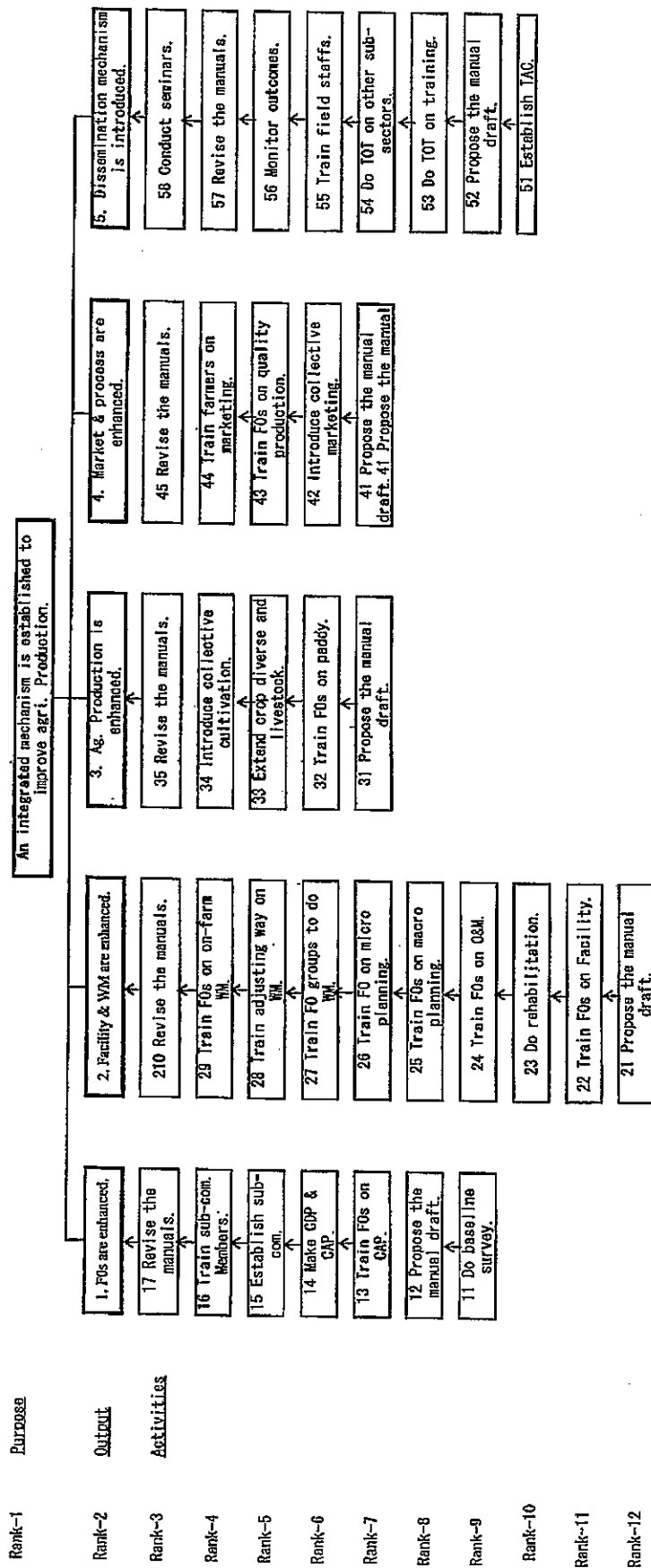


Fig.3 Objective tree of the present ICIM PDM

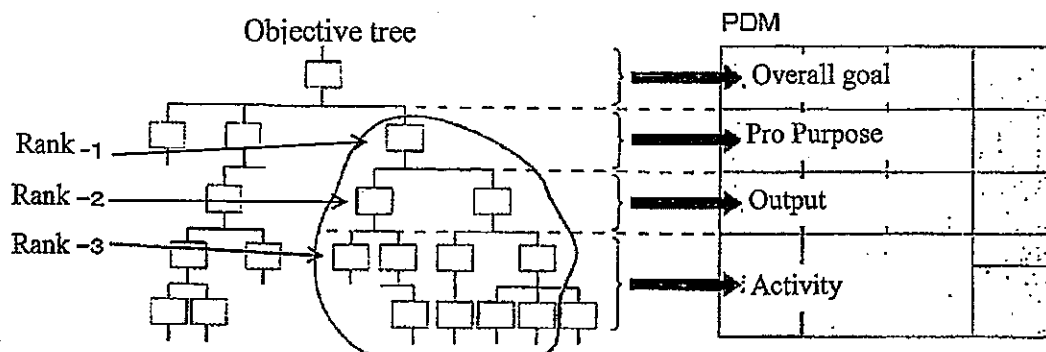


Fig.2 Relationship between the objective tree and PDM

Source: Foundation for Advanced Studies on International Development (FASID)

### 3.3 Profile of the model sites

Annex-2 summarizes the three model sites.

## 4. Issues Found on Agricultural Production, Marketing & Processing and Dissemination

Studying the papers submitted by the ICIM and JICA office, we found the following issues on our assignment sub-sectors.

### 4.1 Discrepancy between the planned implementation and real implementation

#### Agricultural production

##### (1) Training of Trainers (TOT)

Issue: Trainers' training was not conducted for agricultural production although indicators are requested to show TOT effects.

Opinion: In general, a trainer trained in the TOT is defined as persons who train other persons. Extension agents are trainers in this sense. However, the ICIM defines the trainer trained in the TOT as instructors working in training institutes, probably. If we clarify the definition, the reported fact will be changed.

##### (2) Crop diversification

Issue: Although it is stated in the PDM, it is very limited to be implemented due to very little interests from farmers. Farmers prefer rice to vegetable and Other Field Crops (OFCs) due to recent



increasing rice price which is more than double price of project commencement time.

Opinion: If crop diversification aims at changing cultivation crops from rice to non-rice crops, the ICIM real implementation will be discrepant from the planned. But if crop diversification aims at diversifying cultivation for stabilizing the farm management and improving nutrition conditions, extending home garden cultivation coincide with the purpose of crop diversification. In this case, it is recommendable to change the word of crop diversification probably.

### (3) Collective cultivation

Issue: Although collective cultivation is suggested in agricultural production, it is not implemented for growing crops but for livestock breeding.

Opinion: We have to study the reasons of this no implementation in agricultural production. Since livestock can be included in a broad category of agricultural production, we will be able to include livestock breeding by rewarding the collective cultivation to collective agricultural production.

### Marketing and processing

#### (4) Marketing and processing

Issue:

- There was no training for the officers on marketing and processing as their technical level was satisfactory.
- Training/ OJT on marketing information collection has not conducted.

Opinion: We have to study the technical level. If we can suggest appropriate methods of improving marketing and processing to the present technical level of farmers, it will help them.

### Training/Dissemination

#### (5) No function of TAC

Issue: Training advisory Committee (TAC) is established for overall management and coordination of training. TAC members are composed of Director of ITI, Directors of ID/IMD/DOA/PDOAPH, Directors of ITI/IPHT/IFCAD/RRDI and Deputy directors of ISTIMI/FMTC/AHTC. Seven members are from training centers and institutes, three members from the central government and two from provinces. However TAC does not efficiently function to discuss and develop training modules and materials on many subjects. In the absence of some officers it was found that the decision making process is difficult. Therefore, instead of TAC, the working committees (WCs) are established although they are not formulated in the original official agreement (R/D). WCs are

composed of directors of Provincial headquarters, their deputies and other technical officers; all of them are from provincial government.

The reasons of no function are stated as "TAC was held once, but it was found that getting a large number of officers on a particular date to discuss several subject areas was not an effective strategy. In the absence of some officers it was found that the decision making process is difficult."

In addition studying the members of TAC and WCs, it is found that the ICIM does not mainly act with the TAC members' training institutes. It means that the ICIM made a new training framework apart from the existing framework. If it is true, this is a discrepancy.

Opinion: For the reason of too large number of TAC officers, it will be solved by classifying the members into several sub-sector committees and holding meetings separately. For the issue of establishing a new framework, if our observation is true, we need to know the reasons.

#### (6) No conduction of TOT

Issue: Although the participants of the Trainers' Trainings conduct training at field or practiced the training contents in the PDM, it is not done.

Opinion: Same as (1)

## 4.2 Revision of PDM

### 4.2.1 Logicality and simplicity

Issue: Firstly we have to make common understanding on "integrated mechanism." However, this issue is not only for our sub-sectors and it will be discussed in the general meeting. Due to the discrepancy, the ICIM proposed to revise the PDM. The main proposed points are classifying activities into paddy, home garden and livestock and revising indicators. On the classification, they proposed the revised objective tree as shown in Fig. 4.

Opinion: The tree of Fig.4 indicates that only revising manuals realizes enhancing agricultural production. It is not logical. Without applying manuals for extension, the production cannot be enhanced. In addition, comparing Fig. 4 with Fig.2, we can find the proposed tree and the present tree are not simple enough to be easy for understanding.

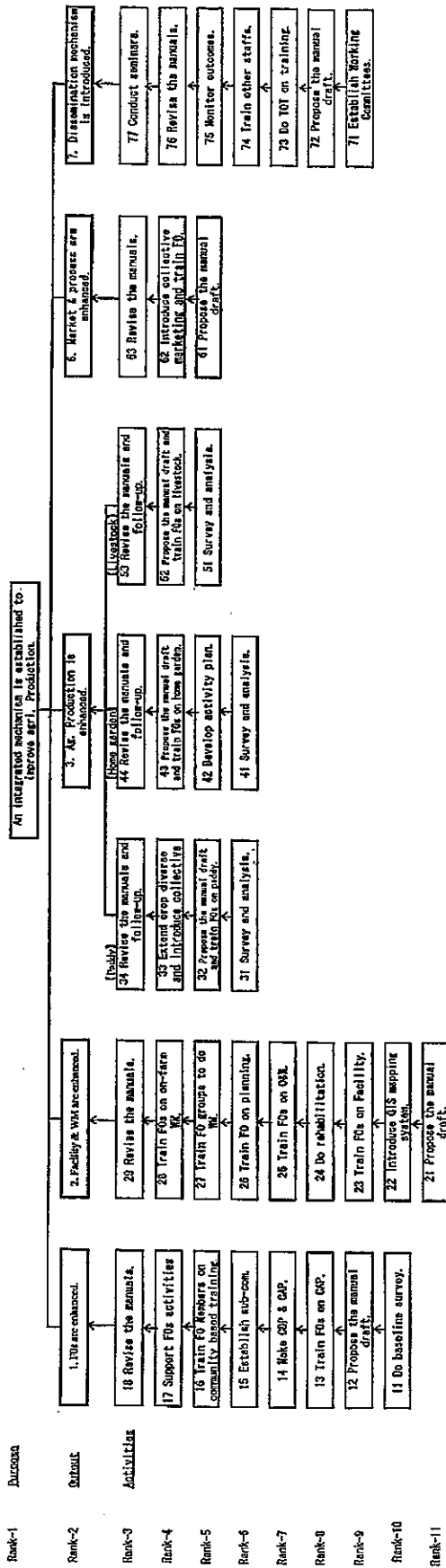


Fig. 4 Proposed modification of the present PDM

#### 4.2.2 Revision of indicators

Issue: The following revisions are proposed by the ICIM.

- ① The appropriateness of the indicator should be reconsidered on crop diversification.
- ② Alternative indicator should be proposed due to no training for the officers on marketing and processing as their technical level was satisfactory.
- ③ The Project Team proposed to merge the indicator of agricultural production and marketing and processing on quality improvement.
- ④ The indicator should be reconsidered on the TOT.

Opinion: After studying the solution measures of the discrepancies and feasibility, we have to revise the indicators to be more realistic.

#### 4.3 Dissemination process

Issue: The following issues are suggested.

- ① The dissemination process is not clear.
- ② Though Securing substantial budget is essential to replicate ICIM activities by GoSL self efforts, there is no assured budget allocation in 2010.
- ③ Coordination role of the Japanese experts are to be delegated to identified GOSL officials
- ④ Though Joint Working Committee was formulated in May, the meeting has not been held regularly.

Opinion: We confirm the facts of each issue. For dissemination process, we have to confirm number of target farmers. According to the PDM indicator, more than 25% of the farmers in the three model sites should practice the trained skills/knowledge. It means more than 132 farmers (25% of 169+61+300=530) have to practice. Table 3 summarizes the total trained farmers and the total farmers. It is a question that the basic number of farmers is the total operating farmers, FO member farmers or sub-committee member farmers. In considering the target numbers and availability of extension agents, we have to recommend dissemination processes. If the target number is 132 farmers, it will be able to be completed in the project term.

Some issues are out of our assignments; these will be discussed in other meetings such as meetings with leading officers of Sri Lanka. We need to identify the issues that have to be discussed in our sub-sectors.

Table 3 The trained number of farmers and the indicated in PDM

No.	Item	Model site		
		Kimbulwa naoya	Kaduruga sdamana	Rajangana
1	Scheme name of each model site	Kurunegala	Anuradhapura	
2	District			
3	Number of farmers (Total)	169	61	300
4	Number of farmers (25%)	42	15	75
5	Total number of sub-committee member farmers	96	22	65
6	Paddy 25%	24	6	16
7	Total number of farmers trained	39	22	40
8	Total number of sub-committee member farmers	28	14	55
9	HG 25%	7	4	14
10	Total number of farmers trained	28	14	27
11	Total number of sub-committee member farmers	22	25	44
12	Livestock 25%	6	6	11
13	Total number of farmers trained	14	12	22

#### 4.4 Coordination with PEASE

Issue: The following issues are suggested.

- ① Though both ICIM and PEACE are implemented by MIWM at same 2 districts, there is no clear vision of effective coordination due to parallel (or competing environment)
- ② Pilot Scheme concept (envisaged on ICIM) was not followed therefore lessons learnt during implementation not communicated satisfactorily to the other.
- ③ GOSL ownership more visible during implementation under PEACE
- ④ Without a proper coordination, there is a risk of inefficiency

Opinion: Originally, the superior points of ICIM are planned to be technical improvements. We thus have to study what technologies have been improved to the existing technologies. The technical improvements input by Japanese experts should be studied. In addition, appearance of competitive processes should be studied.

Some issues are out of our assignments; these will be discussed in other meetings such as meetings with leading officers of Sri Lanka. We need to identify the issues that have to be discussed in our sub-sectors.

#### 4.5 Technical Evaluation of the Achievement

Issue: Considering the achievements of model sites, training manuals, modules and materials, there are three issues of ensuring the sustainability.

- Replacement of the coordinating function of ICIM: Although the Joint working committee was formulated to be able to replace the ICIM, it has not yet functioned to replace the coordination

function.

- Provision of budget: Although the government should provide the budget of implementing the integrated approach, it has not been prepared. If it is not expectable for the government to prepare the budget, the Project strategy should be changed.
- Sustainability of the present technical and institutional achievements: Although some achievements have been realized, the sustainability should be studied.

The following points are suggested.

- ① To study the level technical superiority.
- ② Assess the sustainability and Reliability by ensuring the GOSL budgetary provisions
- ③ To check the plan of GoSL how to utilize the manuals and materials

Opinion: Some issues are out of our assignments; these will be discussed in other meetings such as meetings with leading officers of Sri Lanka. We need to identify the issues that have to be discussed in our sub-sectors.

#### 4.6 Lessons learned

Issue: Several issues are suggested for resources of the lessons as shown below.

- ① The distance of 3 model sites cause certain loss of time and budget.
- ② PDM was not utilized effectively so far
- ③ Exit strategy is not clear yet and it may be difficult to get budget in 2010
- ④ Physical distance between Japanese Experts and counterparts, exist resulting-ly the ownership of GoSL side seems to be insufficient
- ⑤ Good lessons should also be recorded, such as active involvement of Working Committee member in the manual preparation, remarkable change in the 3 model sites due to the establish of sub-committee and intensive support of Japanese Expert

Opinion: Some issues are out of our assignments; these will be discussed in other meetings such as meetings with leading officers of Sri Lanka. We need to identify the issues that have to be discussed in our sub-sectors.

Anenx-1 Summary of ICIM-PDM and simplification

No.	Item	Description	
		Detailed	Simplified
1	Scheme	Technical cooperation project	TCP
2	Project name	Project for Increasing the Capacity of Integrated Management in Irrigated Agriculture in Dry Zone	ICIM
3	Implementation organization	Ministry of Agriculture Development and Agrarian Service(MADAS), Ministry of Irrigation and Water Management(MIWM)	MADAS, MIWM
4	Target area	Anuradhapura and Kurunegala Districts	
5	Target groups	Farm families and relevant government officers in the target area	
6	Model site	(1) Kimbulwanaoaya (non-PEACE site), Kurunegala district	
		(2) Kadurugasdamana(non-PEACE site), nuradhapura district	
		(3) Rajangana (PEACE site), Anuradhapura district	
7	Committees	(1) Joint coordinating committee (national level)	JCC at national
		(2) Joint coordinating committee (district level)	JCC at district
		(3) Training Advisory Committee	TAC
		(4) Project Management Committee	PMC
		(5) Farmer Organization-level Implementation Committee	FO level IC
8	Project period	Four years (01. 05. 2007~30. 04. 2011)	
9	Overall goal	Agricultural income of the farm families in the target area is increased.	(Same)
10	Project purpose	An integrated mechanism is established to improve agricultural productivity through capacity building of government officers and FOs (farmer organizations).	An integrated mechanism is established to improve agri. Production.
11	Outputs	Outputs in the model sites	
12		1. Capacity of the government officers and FOs is enhanced in the field of management of FOs	1. FOs are enhanced.
13		2. Capacity of the government officers and FOs is enhanced in the fields of irrigation facility management and water management	2. Facility & WM are enhanced.
14		3. Capacity of the government officers and FOs is enhanced in the field of agricultural production	3. Ag. Production is enhanced.
15		4. Capacity of the government officers and FOs is enhanced in the fields of marketing and processing	4. Market & process are enhanced.
16	17	Outputs in the training institutes	
17		5. A mechanism is introduced for the government officers and training institutes to disseminate the improved training/facilitation skills developed in the model sites, to other officers and institutes.	5. Dissemination mechanism is introduced.

Anerx-1 Summary of ICIM-PDM and simplification (Cont.)

No.	Item	Description	
		Detailed	Simplified
18	Activity	Activities 1~4: Activities in the model sites (The Project will facilitate/support farmers and government officers to conduct the following activities)	
19		<b>1. Management of FOs.</b>	
20		1-1 Conduct base-line survey for the model sites, and capacity assessment survey for the FOs in the target area.	11 Do baseline survey.
21		1-2 Review existing literature and conduct case studies on Management of FOs, propose improvements and draft case-catalogs/ manuals/ guidelines,	12 Propose the manual draft.
22		1-3 Conduct trainings on the methods and utilization of the Community Development Plans and Community Action Planes (CAP)*1.	13 Train FOs on CAP.
23		1-4 Develop Community Development Plans and CAP with the initiatives of the community.	14 Make CDP & CAP.
24		1-5 Formulate multifunctional FOs and establish sub-committees according to the subjects proposed in the CAP.	15 Establish sub-com.
25		1-6 Conduct necessary community based trainings for FO members to implement the CAP (Ex: leadership, social mobilization, financial management, etc.)	16 Train FO Members on community based training.
26		1-7 Improve support for FOs activities through revolving fund	17 Support FOs activities
27		1-8 Revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.	18 Revise the manuals.
28		<b>2. Irrigation facility management, system water management and on-farm water management (Detailed activities will be decided according to the results of the CAP)</b>	
29		2-1 Review existing literature and conduct case studies on irrigation facility management and water management, propose improvements and draft case-catalogs/ manuals/ guidelines, etc.	21 Propose the manual draft.
30		2-2 Produce GIS mapping system for Irrigation facility management, water management and Agricultural production.	22 Introduce GIS mapping system
31		2-3 Conduct training/OJT on survey, planning and physical works, so that the FOs can implement rehabilitation of the tail end irrigation facility, proposed in the CAP.	23 Train FOs on Facility.
32		2-4 Conduct rehabilitation of the tail end irrigation facility with the initiatives of the FOs.	24 Do rehabilitation.
33		2-5 Conduct training/OJT for FOs on operation and maintenance (O&M) of tail end irrigation facility.	25 Train FOs on O&M.
34		2-6 Conduct training/OJT of planning on water management and Land use planning based on GIS mapping system.	26 Train FOs on planning.
35		2-7 Conduct training/OJT and facilitation for FOs and Field Canal Groups (FCGS) to conduct and adjust water management and irrigation schedule.	27 Train FO groups to do WM.
36		2-8 Demonstrate and conduct training/OJT on appropriate on-farm water management and field consolidation.	28 Train FOs on on-farm WM.
37		2-9 Revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.(Revise the draft)	29 Revise the manuals.
38		<b>3. Agricultural production (Paddy) (Detailed activities will be decided according to the results of the CAP)</b>	
39		3-1 Review existing literature and conduct case studies on agricultural production and propose improvements.	31 Survey and analysis.
40		3-2 Draft case-catalogs/ manuals/ guideline, etc. and conduct trainings/OJT on paddy cultivation on the subjects such as production of seeds (paddy), appropriate usage of fertilizers and agro-chemicals, cropping management, post harvest technology, etc. (including quality improvement)	32 Propose the manual draft and train FOs on paddy to increase production.



Anex-1 Summary of ICIM-PDM and simplification (Cont.)

No.	Item	Description	
		Detailed	Simplified
41		3-3 Conduct extension services on crop diversification and provide guidance on introducing collective cultivation.	33 Extend crop diverse and introduce collective cultivation.
42		3-4 Follow-up FOs activities and revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.	34 Revise the manuals and follow-up activities.
43			
44		<b>4. Agricultural production (Home garden)</b>	
45		4-1 Review existing literature and conduct case studies on agricultural production and propose improvements	41 Survey and analysis.
46		4-2 Develop Activity Plan for Home garden	42 Develop activity plan
47		4-3 Draft case-catalogs/ manuals/ guideline, etc. and conduct trainings/OJT with supporting farmers' activities. (including quality improvement)	43 Propose the manual draft and train FOs on Home garden.
48		4-4 Follow-up FOs activities and revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.	44 Revise the manuals and follow-up activities.
49		<b>5. Agricultural production (Livestock)</b>	
50		5-1 Review existing literature and conduct case studies on agricultural production and propose improvements	51 Survey and analysis.
51		5-2 Draft case-catalogs/ manuals/ guideline, etc. and conduct trainings/OJT with supporting farmers' activities. (including quality improvement)	52 Propose the manual draft and train FOs on Livestock.
52		5-3 Follow-up FOs' activities, and revise and finalize case-catalogs/ manuals/ guidelines, etc. to reflect the outcomes of the above-mentioned activities.	53 Revise the manuals and follow-up activities.
53	Activity	<b>6. Marketing and processing (Detailed activities will be decided according to the results of the CAP)</b>	
54		6-1 Review existing literature and conduct case studies on marketing and processing, propose improvements and draft case-catalogs/ manuals/ guidelines, etc.	61 Propose the manual draft.
55		6-2 Introduce collective marketing and conduct training/OJT for farmers on marketing information for selected crops.	62 Introduce collective marketing and train FOs on marketing.
56		6-3 Revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.	63 Revise the manuals.
57		<b>7. Institutional capacity building for dissemination of the improved training/facilitation skills developed in the model sites.</b>	
58		7-1 Establish work committee meeting composed from related organizations. Identify training needs, monitor training, conduct follow-up, etc. periodically.	71 Establish working committees.
59		7-2 Review existing literature and conduct case studies on training mechanism and methodologies, propose improvements and draft case-catalogs/ manuals/ guidelines, etc.	72 Propose the manual draft.
60		7-3 Conduct Trainers' Training on training mechanism and methodologies.	73 Do TOT on training.
61		7-4 Conduct Trainers' Training to government officers with the collaboration of the Experts and C/P in-charge of the activities of "1" to "6".	74 Train other staffs.
62		7-5 Monitor outcomes created at the field level, conduct follow-up trainings to identify outcomes and issues with the collaboration of the Experts and C/P in-charge of the activities of "1" to "4".	75 Monitor outcomes.
63		7-6 Revise and finalize case-catalogs/ manuals/ guidelines, etc, to reflects the outcomes of the above-mentioned activities.	76 Revise the manuals.
64		7-7 Conduct seminars, which summarizes the results of the monitoring and follow-up trainings.	77 Conduct seminars.

Annex-2 Profile of three model sites

1	Model site's name (Scheme name)	Kimbulwanaoaya	Kadurugasdamana	Rajangana (Left Bank)
2	District	Kurunegala	Anuradhapura	Kurunegala
3	DS Division	Ibbagamuwa	Rambewa	Giribawa
4	GN Division. NO. Name	427. Nelliya	116 Kadurugasudanmana	12, Halmilawa
5	ASC	Melsiripura/Ibbagamuwa/Kumbukgete	Rambewa/Mihintale	Rajangana
6	Distance from Anuradhapura	99 km	20km	43 km
7	Background of settlement	Tank restored in 1957, Settled from Kurunegala District	Traditional, Started in 1850', System restored in 1979	Settlement in 1963-1965 from Kurunegala District
8	Total extent (ha) (Actual)	Irrigable: 94ha	Irrigable: 106ha=264acres (actual:76ha)	Low Land, 508 AC (ha) 306 ha
9	Number of Operators	169	61	300
10	Number of FO members	169	44	285
11	Number of FOs in Scheme	9	1	15
12	Cropping intensity (Base Line)	1.48	1.5	1.84
13	Cropping pattern (Maha/Yala)	Paddy/Paddy	Paddy/Paddy (partly)	Paddy/Paddy
14	Extent of OFG/Vegetables	14 Ac	2.4 Ac	8Ac
15	No of breeding livestock	Not Available	Not Available	Not Available
16	Scheme plan	Not Available	Not Available	Not Available
17	Issue Tree	Available	Available	Available
18	Blocking out plan	Available	Available	Available
19	Water distribution plan	Available (Kanna only)	Available (Kanna only)	Available (Kanna only)
20	Fee collection			
21	Member fee	0	Rs. 100 Year/Person	100 Rs/AC/Season
22	Salary for FCG	0.15/ac/season	0.25 Bu/Season/Person	Not Available
23	Fee for O&M of D&F canals	100/Ac/Year	0.5 Bu/Season/Person	100/= AC/Season
24	Fee collection rate	100%	71%	98%
25	Present Situation of FO	Active, But need improvement	Average	Active
	Rehabilitation needs			
26	Main system	Not Covered by ICIM	Ditto	Ditto
27	D&F canals	Canal farm road	Ditto	Ditto
28	Rehabilitation project/year	ADB, Late 1980'	1979	1964
	PNG			
29	How often	Periodically	Occasionally	Periodically
30	INMAS/Wappahaula	INMAS	INMAS	Wappahaula
	Water management			
31	Involvement of FO	Bad	Bad	Fair
32	Sub-committee	Irrigation	Irrigation	Irrigation
	Customes			
33	Bethoma	No	No	No
34	Shuramadana	Yes	Yes	Yes
35	Pangu	Yes	Yes	Yes
36	Big land owner	Few	Few	Few
	Agricultural income from			
37	Paddy	Main	Main	Main
38	OFG/Vegetables	Little	Very Little	Fair
39	Livestock	Some farmers	Few farmers	Some farmers
40	Off-farm income from Labors of non-agriculture	57%	73%	40%
41	Living condition (Electricity/water)	Average	No Electricity/ Average	Average

11. マニュアル等作成実績

マニュアル等(Case-catalog, Manual, Guideline)作成実績

No.	Name	Contents	Category	Classification	Situation	Remarks
1	Base-line Survey Report	<ul style="list-style-type: none"> <li>•Base-line Survey Manual</li> <li>•FO and farmer interview survey report</li> <li>•Bench mark data</li> </ul>	FO	Manual	4	
2	Trainers' Manual on CAP Workshop	<ul style="list-style-type: none"> <li>•Participatory Rural Appraisal (PRA)</li> <li>•PRA tools and their Use</li> <li>•Problem Analysis</li> <li>•Community Action Planning (CAP)</li> </ul>	FO	Manual	4	
3	Case-catalog for Problem Analysis and Community Action Plans for 3 Model Sites	<ul style="list-style-type: none"> <li>•Problem Trees for different components</li> <li>•Community Action Plans for different components</li> </ul>	FO	Case-catalog	4	
4	Case-catalog on FO constitution	<ul style="list-style-type: none"> <li>•Ammended FO constitution</li> <li>•Sub-committee constitution</li> </ul>	FO	Case-catalog	4	
5	Training Manual on Leadership	<ul style="list-style-type: none"> <li>•Building self-confidence</li> <li>•Change of attitudes</li> <li>•Problem identification &amp; decision making</li> <li>•Conducting community meetings</li> <li>•Social mobilization</li> <li>•Skill development in communication etc.</li> </ul>	FO	Manual	4	
6	Training Handbook on Financial Management - Part I (Sinhalese Language)	<ul style="list-style-type: none"> <li>•Book-keeping</li> <li>•Responsibilities in Financial Management</li> <li>•Cash book and monthly summary statement</li> <li>•Management of Revolving Fund</li> <li>•Procedures to follow in procurement of goods</li> <li>•Ledger book</li> </ul>	FO	Manual	4	
7	Trainers Manual on Financial Management - Part I (Sinhalese language)	<ul style="list-style-type: none"> <li>•Book-keeping</li> <li>•Responsibilities in Financial Management</li> <li>•Cash book and monthly summary statement</li> <li>•Management of Revolving Fund</li> <li>•Procedures to follow in procurement of goods</li> <li>•Ledger book</li> <li>•Annual Financial statements/audit report</li> </ul>	FO	Handbook	4	
8	Guidelines on Revolving Fund	<ul style="list-style-type: none"> <li>•Revolving Fund System</li> <li>•Procedures and Conditions</li> <li>•Application</li> </ul>	FO	Guideline	4	
9	Report on FOs in target area	<ul style="list-style-type: none"> <li>•Membership</li> <li>•Extent cultivated etc</li> </ul>	FO	Report	4	
10	Report of Basic Information on Irrigation Systems at Model Sites	<ul style="list-style-type: none"> <li>•Present irrigation system (canal, command area)</li> <li>•Present water management and O&amp;M condition</li> </ul>	Irrigation	Report	3	
11	Report of walk through survey and interview survey on Irrigation facility and water management	<ul style="list-style-type: none"> <li>•result of walk through survey for irrigation facility at the site</li> </ul>	Irrigation	Report	3	
12	Report of fertilizer recommendation for farmers	<ul style="list-style-type: none"> <li>•Report of recommendation paper for all farmers at the site</li> </ul>	Irrigation	Report	3	
13	Report of water level record at model site station	<ul style="list-style-type: none"> <li>•Water level record at D canal</li> <li>•H-Q curve and discharge</li> <li>•Analysis of war issue (plan and results)</li> <li>•On-farm water level record</li> </ul>	Irrigation	Report	2	
14	Manual for evaluation standard on Irrigation facilities	<ul style="list-style-type: none"> <li>•Evaluation standard for Irrigation facility</li> <li>•Methodology for walk through survey of Irrigation facilities</li> </ul>	Irrigation	Guideline	3	

15	Manual on Rehabilitation and Construction management	<ul style="list-style-type: none"> <li>• Specification</li> <li>• Measurements &amp; Submission of bills</li> <li>• Planning and awareness</li> <li>• Quality control</li> <li>• Construction technology</li> <li>• Record keeping</li> <li>• Contract management</li> <li>• Sustainability of Irrigation system</li> </ul>	Irrigation	Manual	4	
16	Handbook on Rehabilitation and Construction management	<ul style="list-style-type: none"> <li>• What is contract</li> <li>• Planning and Awareness</li> <li>• Measurements</li> <li>• Construction Technology</li> <li>• Quality Control</li> <li>• Construction related records</li> <li>• Sustainability of Construction</li> </ul>	Irrigation	Manual	4	
17	Annex manual on improvement of water management based on rehabilitation	<ul style="list-style-type: none"> <li>• How to start improved water management with rehabilitation</li> </ul>	Irrigation	Manual and Handbook	2	
18	Annex manual and handbook on fair water management in up and down stream	<ul style="list-style-type: none"> <li>• How to distribute irrigation water fairly from upstream to down stream</li> </ul>	Irrigation	Manual and Handbook	2	
19	Annex handbook on financial management for rehabilitation	<ul style="list-style-type: none"> <li>• financial process for rehabilitation</li> <li>• necessary book keeping</li> <li>• purchase and stock</li> </ul>	Irrigation	Manual and Handbook	3	
20	Annex handbook on concrete work	<ul style="list-style-type: none"> <li>• How to place concrete</li> <li>• Necessary quality of concrete</li> <li>• How to avoid honeycomb, leakage</li> </ul>	Irrigation	Manual and Handbook	3	
21	Annex handbook on earth work	<ul style="list-style-type: none"> <li>• How to compact effectively</li> <li>• How to check compaction</li> <li>• Full turf</li> </ul>	Irrigation	Manual and Handbook	3	
22	Manual on Water Management	<ul style="list-style-type: none"> <li>• Concept of water management and on-farm water management</li> <li>• Soil water Plant relationship (crop water requirement by growing stage)</li> <li>• Water value (water cost)</li> <li>• Irrigation Schedule and water management</li> <li>• Monitoring and evaluation for water management</li> <li>• Record keeping for water management</li> <li>• On-farm water management</li> <li>• On-farm water management due to cropping pattern</li> <li>• Contents of O&amp;M</li> <li>• O&amp;M fee collection and management</li> </ul>	Irrigation	Manual	3	
23	Handbook on Water management	<ul style="list-style-type: none"> <li>• pickup necessary topic from above contents for farmers</li> </ul>	Irrigation	Handbook	2	
24	Manual and Handbook on On-farm water management	<ul style="list-style-type: none"> <li>• What is on-farm water management</li> <li>• Effect of on-farm water management (water saving and yield increase)</li> </ul>	Irrigation	Manual and Handbook	2	

25	Manuals on GIS Mapping System	<ul style="list-style-type: none"> <li>* [General Introduction] <ul style="list-style-type: none"> <li>• Purpose</li> <li>• GIS system component</li> <li>• GIS data component</li> <li>• Proposal and Application of land planning, crop diversification and farming management to FO workshop</li> </ul> </li> <li>* [Practical Introduction] <ul style="list-style-type: none"> <li>• Work flow</li> <li>• Base Line Survey (BLS)</li> <li>• What is a GIS?</li> <li>• ArcGIS desktop (Arc Catalog, Arc Map)</li> <li>• Understanding Arc Map Interface</li> <li>• Creating New Feature Dataset</li> <li>• Editing- Spatial Data</li> <li>• Base Map Components and Preparation</li> <li>• Edit of Attribute Data</li> <li>• Layer properties</li> <li>• Presenting data</li> <li>• Joining Data</li> <li>• Data Management</li> </ul> </li> </ul>	Irrigation	Manual	3	
26	Manual on necessary soil investigation for cropping management	<ul style="list-style-type: none"> <li>• Contents of soil investigation</li> <li>• Methodology of soil investigation</li> <li>• Realistic soil investigation</li> </ul>	Irrigation	Manual	2	
27	Manual on soil fertility and cropping management	<ul style="list-style-type: none"> <li>• Soil characteristic and its application to the field</li> </ul>	Irrigation	Manual	2	
28	Handbook on soil fertility and cropping management	<ul style="list-style-type: none"> <li>• Soil characteristic and its application to the field</li> </ul>	Irrigation	Handbook	2	
29	Guidelines on soil management and fertility	<ul style="list-style-type: none"> <li>• Guideline of evaluation for farm management</li> </ul>	Irrigation	Guideline	3	
30	Manual on Water management and cropping management based on micro-level soil classification map	<ul style="list-style-type: none"> <li>• Soil classification and recommendation for Land use</li> </ul>	Irrigation	Manual	3	
31	Review report on Agriculture Production, Processing & Marketing	<ul style="list-style-type: none"> <li>• Present situation of Agriculture Production</li> <li>• Present situation of Agriculture Processing and Marketing.</li> <li>• Present situation of Livestock Production</li> <li>• Constraints</li> <li>• Best/good practices</li> </ul>	Agriculture	Report	4	
32	Handbook on Paddy Field School	<ul style="list-style-type: none"> <li>• Determination of correct land size for efficient inputs use</li> <li>• Importance of use quality seed &amp; seed germination</li> <li>• Use of straw &amp; OM, Good land preparation</li> <li>• Crop management during early stage</li> <li>• Safety use of Agro chemical</li> <li>• Management based on crop growth stage</li> <li>• Identification of harmful &amp; benefits insects</li> <li>• Operation &amp; Maintainance of Agriculture machinery And Equipments</li> <li>• Post harvest technology &amp; Storage</li> <li>• Quality rice production</li> </ul>	Agriculture (Paddy)	Handbook	3	
33	Report on Demonstration farms	<ul style="list-style-type: none"> <li>• Demonstration methodology</li> <li>• Cost benefit analysis of change of productivity due to demonstration effects</li> <li>• Use of seeder machine</li> <li>• Use of parachute method</li> </ul>	Agriculture (Paddy)	report	4	
34	Training Manual on PD Method	<ul style="list-style-type: none"> <li>• Manual for production PD method</li> </ul>	Agriculture	Manual	2	

35	Handbook on salt injury, crop diversification	• Practical handbook of counter measure for specific problem occurred at the site	Agriculture (Irrigation)	Manual	2	
36	Home Garden Manual	<ul style="list-style-type: none"> <li>. Importance of home garden</li> <li>. Home garden development</li> <li>. Component of Home garden</li> <li>. Nursery Management</li> <li>. Cultivation method</li> <li>. Youth and children program</li> <li>. Soil and water conservation</li> <li>. Inter cropping under coconut</li> <li>. Increase crop productivity</li> <li>. Use of organic matter</li> <li>. Preparation of compost</li> <li>. Kitchen improvement</li> </ul>	Home garden	Manual	3	
37	Training material for systematic livestock production	<ul style="list-style-type: none"> <li>• Cattle shed construction</li> <li>• PD posters on pasture management</li> </ul>	Livestock	Report	4	
38	Report on Women group activities in Nelliya model site	<ul style="list-style-type: none"> <li>. Identification of micro businesses</li> <li>. Preparation of Priority list</li> <li>. Prepare activity plan</li> <li>. Comment of participants</li> </ul>	Women's Group	Report	3	
39	Guideline on collective marketing of paddy	<ul style="list-style-type: none"> <li>. Marketing plan</li> <li>. Storage plan</li> <li>. Operation plan</li> <li>. Construction and Equipment</li> </ul>	Marketing	guideline	3	
40	Manual on Lime drying	<ul style="list-style-type: none"> <li>. Selection of lime for Export market</li> <li>. Method of lime drying</li> <li>. Sun drying</li> <li>. Preparation of Black lime</li> <li>. Constructions of oven</li> <li>. Marketing</li> </ul>	Processing	Manuals	4	
41	PD method	<ul style="list-style-type: none"> <li>. Parachute Method</li> <li>. Charcoal Husk</li> <li>. Big Onion</li> <li>. Seeder Machine</li> <li>. Cattle shed Construction</li> <li>. Correct milking</li> <li>. Soap making</li> <li>. Chantey production</li> <li>. Mushroom cultivation</li> </ul>	Paddy Home garden Livestock Processing	Manual	4	
42	Report on Working Committees /Presentation material	<ul style="list-style-type: none"> <li>. 1st working committee – Prepare demonstration Summery sheets for 3model sites</li> <li>. 2nd working committee– Develop Extension material base on Demo farm</li> <li>. 3rd working committee– development model through FO enhancement <ul style="list-style-type: none"> <li>- Farmer's agreement collected by FO</li> <li>- Strategy on CAP implementation</li> <li>- Number of Sub committee members</li> <li>- Establish and manage sub committee</li> <li>- Initial activities on Sub committee</li> <li>- Fund management</li> <li>- FO financial structure</li> </ul> </li> <li>. 5th Working committee <ul style="list-style-type: none"> <li>- Prepare monitoring sheet for paddy</li> <li>- Crop cut survey (Revolving fund farmers)</li> <li>- Paddy completion</li> </ul> </li> <li>. 6th Working committee <ul style="list-style-type: none"> <li>- Contents of paddy school Manual</li> <li>- Categories contents base on officers</li> </ul> </li> </ul>	Agriculture	Report	2	
Status: 1 Not prepared, 2 In progress, 3 draft, 4 revised or finalized						

12. 研修等実施実績

研修(セミナー、ワークショップ含む)実施一覧表

Ano.	Farmer/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers/attendee	Number of farmer attendants	Category	Remarks/Outcome
1.4	Farmer	CAP	Kimbulwanaya	Kimbulwanaya	12/3/2007	3	WS	CAP workshop (Kimbulwanaya)		AI, VS, LDI, IDO, EADO, DASMO, ARPA	3	30	FO	PRA/Problem tree/OAP
1.4	Farmer	CAP	Rajangana	Rajangana	12/6/2007	3	WS	CAP workshop (Rajangana)		SAI, IDO, EADO, ZARPA, LDI	7	36	FO	PRA/Problem tree/OAP
1.4	Farmer	CAP	Kadurugasdaman	Kadurugasdaman	12/11/2007	3	WS	CAP workshop (Kadurugasdaman)		AI, VS, LDI, IDO, EADO, DA, SMO, ARPA	9	36	FO	PRA/Problem tree/OAP
1.4	Farmer	CAP	Kimbulwanaya	Kimbulwanaya	2008-03-27	1	WM	Feedback CAP workshop (Kim)		AI, LDI, VS, EA	4	52	FO	
1.4	Farmer	CAP	Rajangana	Rajangana	2008-04-09	1	WM	Feedback CAP workshop (Raj)		RP, AI, VS, LDI, EA	6	80	FO	
1.4	Farmer	CAP	Kadurugasdaman	Kadurugasdaman	2008-04-17	1	WM	Feedback CAP workshop (Kad) * sub-conting'		AG, IDO, DO, EA, ARPA	5	37	FO	
1.5	Farmer	Sub-Committee	Rajangana	Rajangana	2008-04-18	1	WS	Workshop to establish sub-committee (Raj/all)		RPM, DA, AI, VS, LDI, ARPA	9	70	FO	
1.5	Farmer	Sub-Committee	Kadurugasdaman	Kadurugasdaman	2008-04-26	1	WS	Workshop to establish sub-committee (Kad/LS/Tr/FO)		VS, LDI, EA	3	27	FO	
1.5	Farmer	Sub-Committee	Kimbulwanaya	Kimbulwanaya	2008-05-08	1	WS	Workshop to establish sub-committee (Kim/eng)		AI	1	40	FO	decide to establish sub-com and nominate
1.5	Farmer	Sub-Committee	Kimbulwanaya	Kimbulwanaya	2008-05-08	1	WS	Workshop to establish sub-committee (Kim/FO/LS/Tr)		DD (AP & H), DD (PDOA), IDO 2, VS, LDI, EA, DO, SMO, AI, 2 ARPA	12	39	FO	
1.5	Farmer	Sub-Committee	Kadurugasdaman	Kadurugasdaman	2008-07-15	1	WM	2nd sub-committee on paddy & HG&LS (Kad)		VS, DO, AI, LDI	4	18	HQ, Paddy, LS	
1.5	Farmer	Sub-Committee	Kimbulwanaya	Kimbulwanaya	2008-07-22	1	WM	2nd sub-committee on paddy & HG&LS (Kim)		DD, ADA, 2 AI, 2 SMO	7	31	HQ, Paddy, LS	
1.5	Farmer	Sub-Committee	Rajangana	Rajangana	2008-07-23	1	WM	FO general meeting & 3rd sub-committee on constitution (Raj)		RPM, IDO, DA, AI, LDI, ARPA	6	47	FO	constitution/O&M fee
1.5	Farmer	Sub-Committee	Kadurugasdaman	Kadurugasdaman	2008-07-23	2	WM	3rd sub-committee on constitution (Kad)		IDO, DO, AI	3	22	FO	7/25, 7/28
1.5	Farmer	Sub-Committee	Kimbulwanaya	Kimbulwanaya	2008-07-25	2	WM	3rd sub-committee on constitution (Kim)		IDO, DO, ARPA	3	37	FO	7/25, 7/29
1.5	Farmer	Sub-Committee	Kadurugasdaman	Kadurugasdaman	2008-08-04	1	WM	FO general meeting (Kad)		IDO, ARPA, AI	3	23	FO	constitution/O&M fee (0/4, 0/29)
1.5	Farmer	Sub-Committee	Kimbulwanaya	Kimbulwanaya	2008-08-05	1	WM	FO general meeting (Kim)		Add Secretary, Director IMD, Director Irrigation, Deputy Director, Co-Project Director-PEACE, IDO, AI	5	76	FO	constitution/O&M fee
1.5	Farmer	Sub-Committee	Rajangana	Rajangana	2008-03-17	1	WM	FO General Meeting (Raj)			2	23	FO	
1.5	Farmer	Sub-Committee	Kadurugasdaman	Kadurugasdaman	2009-04-08	1	WM	General meeting Kadurugasdaman			5	14	FO	
1.5	Farmer	Sub-Committee	Rajangana	Rajangana	2009-06-26	1	WM	Farmer Organization Meeting (RAJ)		RP, WDA, AI, VS, LDI	5	14	FO	
1.5	Farmer	Sub-Committee	Rajangana	Rajangana	2009-07-02	1	WM	LS/HG Sub committee Meeting RAJ		AI, VS	2	5	HG & Livestock	
1.6	Farmer	FM	Uyo, RAJ, KAD	Pebuhara ASO	2008-09-22	3	Training	Financial management training	JRM, IDO, IDO, DA		6	36	FO/FM	
1.6	Farmer	FM	Kimbulwanaya	Kimbulwanaya	2008-10-09	1	OJT	Financial Management On The Job Training (Koya)	RP, M, 2 DA, IDO, DO,		6	12	FO/FM	
1.6	Farmer	FM	Kadurugasdaman	Kadurugasdaman	2008-10-10	1	OJT	Financial Management On The Job Training (Raj)	2 RP, M, IDO		3	20	FO/FM	
1.6	Farmer	FM	Rajangana	Rajangana	2008-10-16	1	OJT	Financial Management On The Job Training (Raj)	2 RP, M, DA, AI		5	14	FO/FM	
1.6	Farmer	FM	Rajangana	Rajangana	2008-10-30	1	OJT	OJT financial management (2nd) (Raj)	3 RP, M, DA, ARPA		5	15	FO/FM	
1.6	Farmer	FM	Rajangana	Rajangana	2008-12-17	1	OJT	Financial Management On The Job Training (Raj)	3 RP, M, DA		4	6	FO/FM	
1.6	Farmer	FM	Kimbulwanaya	Kimbulwanaya	2008-12-18	1	OJT	Financial Management On The Job Training (Koya)	3 RP, M, DA		4	13	FO/FM	
1.6	Farmer	FM	Kadurugasdaman	Kadurugasdaman	2008-12-22	1	OJT	Financial Management On The Job Training (Kad)	3 RP, M, DA		4	5	FO/FM	

Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of farmer attendants	Category	Remarks/Outcome
1.6 Farmer	FM	Kimbulwanaoaya	Kimbulwanaoaya	2009-01-06	1	OJT	Financial Management On The Job Training (KIM)	3 RPM, DA		4	FO/FM	
1.6 Farmer	FM	Rajangana	Rajangana	2009-01-09	1	OJT	Financial Management On The Job Training (Raj)	2 RPM, DA, IDO		4	FO/FM	
1.6 Farmer	FM	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-01-12	1	OJT	Financial Management On The Job Training (Kad)	3 RPM, DA		4	FO/FM	
1.6 Farmer	Leadership		WTT	2009-01-27	4	WS	Leadership training	International Center for training of rural leaders	NP	61	FO	
1.6 Farmer	FM	Rajangana	Rajangana	2009-03-13	1	OJT	Financial Management On The Job Training (Raj)	2 RPM, DA		3	FO/FM	
1.6 Farmer	FM	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-03-24	1	OJT	Financial Management On The Job Training (Kad)	RPM, DA, IDO		3	FO/FM	
1.6 Farmer	FM	Kimbulwanaoaya	Kimbulwanaoaya	2009-03-27	1	OJT	Financial Management On The Job Training (KIM)	2 RPM, IDO		3	FO/FM	
1.6 Farmer	FM	Kimbulwanaoaya	Kimbulwanaoaya	2009-04-08	1	OJT	Financial Management On The Job Training (KIM)	2 RPM		2	FO/FM	
1.6 Farmer	FM	Kimbulwanaoaya	Kimbulwanaoaya	2009-04-22	1	OJT	Financial Management On The Job Training (KIM)	2 RPM		2	FO/FM	
1.6 Farmer	FM	Kimbulwanaoaya	Kimbulwanaoaya	2009-05-11	1	OJT	Financial Management On The Job Training (KIM)	2 RPM		2	FO/FM	
1.6 Farmer	FM	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-06-09	1	OJT	Financial Management On The Job Training KAD	RPM, DA, IDO		3	FO/FM	
1.6 Farmer	FM	Rajangana	Rajangana	2009-06-15	1	OJT	Financial Management On The Job Training	DA, RPM		2	FO/FM	
1.6 Farmer	FM	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-08-16	1	OJT	Financial Management On The Job Training KAD	RPM, DA, IDO		3	FO/FM	
1.6 Farmer	FM	Rajangana	Rajangana	2009-08-29	1	OJT	Financial Management On The Job Training	DA, RPM		2	FO/FM	
1.6 Farmer	FM	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-07-24	1	OJT	Financial Management On The Job Training	DA, RPM, IDO		3	FO/FM	
1.7 Farmer	Improve Support	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-10-23	1	WM	HG sub com meeting (revo fund) (Kad)	AI		1	HG	
1.7 Farmer	Improve Support	Kimbulwanaoaya	Kimbulwanaoaya	2008-10-28	1	WM	HG sub com meeting (revo fund) (Koya)			20	HG	
1.7 Farmer	Improve Support	Rajangana	Rajangana	2008-10-28	1	WM & OJT	HG sub com meeting (revo fund) 1 st Paddy school (Raj)			34	HG, Paddy	
1.7 Farmer	Improve Support	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-11-04	1	OJT	Seeder machine demo/ Paddy/HG committee meeting (revo) (Kad)	AI, ME		2	HG, Paddy	
1.7 Farmer	Improve Support	Rajangana	Rajangana	2008-12-11	1	WM	LS sub com/ HG sub com (Revo fund) (Raj)	AI		1	HG & Livestock	
2.1 Farmer	Review	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-06-12	2	WM	1st sub-committee on Irrigation(Kad)	IE, EA		2	Irrigation	6/12, 6/20
2.1 Farmer	Review	Kimbulwanaoaya	Kimbulwanaoaya	2008-06-17	2	WM	1st sub-committee on Irrigation(Kim)	EA, WS		2	Irrigation	6/17, 6/23
2.2 Farmer	GIS	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-03-23		WS	Farmer work shop on GIS soil survey	NRMGLUD	NRMG,RRDLUD,IE,EA,ALARPA, FO	9	Irrigation	
2.2 Farmer	GIS	Kimbulwanaoaya	Kimbulwanaoaya	2009-03-24		WS	Farmer work shop on GIS soil survey	NRMGLUD	NRMG,RRDLUD,IE,EA,ALARPA, FO	9	Irrigation	
2.2 Farmer	GIS	Rajangana	Rajangana	2009-04-30		WS	Farmer work shop on GIS soil survey	NRMGLUD	NRMG,RRDLUD,IE,EA,ALARPA, FO	10	Irrigation	
2.4 Farmer	Conduct Retha	Rajangana	Rajangana	2008-07-01		WM	1st sub-committee on Irrigation(Raj)	RE,EA,WS		3	Irrigation	
2.4 Farmer	Conduct Retha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-07-09		WM	2nd sub-committee on Irrigation(Kad)	EA		1	Irrigation	
2.4 Farmer	Conduct Retha	Kimbulwanaoaya	Kimbulwanaoaya	2008-07-07		WM	2nd sub-committee on Irrigation(Kim)	EA		1	Irrigation	
2.4 Farmer	Conduct Retha	Kimbulwanaoaya	Kimbulwanaoaya	2008-11-20		WM	Ratification meeting on rehabilitation (Kin)	IE,EA		2	Irrigation	



No.	Farmer/Officer	Activity	Modal site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of farmer attendants	Category	Remarks/Outcome
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-11-26		WM	Rehabilitation meeting on rehabilitation (Kad)	IEEA		2	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2008-11-28	2	OJT	General instruction for rehabilitation	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-12-03	2	OJT	General instruction for rehabilitation	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Rajangna	Rajangna	2008-12-19		WM	Rehabilitation meeting on rehabilitation (Reh)	REEA	IE, EA, RPKMDA	4	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2008-12-27		OJT	Irrigation sub group training	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2009-01-13		OJT	Irrigation sub group training	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Rajangna	Rajangna	2009-01-15	2	OJT	General instruction for rehabilitation	ITMSC	20IE, EA, WSDO	5	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2009-01-21		WM	1. Design modification 2. Construction schedule 3. Material preparation 4. Cashing check	IE, EA, WS		3	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>b</sup>	Kadurugasdaman <sup>b</sup>	2009-01-22		WM	1. Construction schedule	IE, EA, WS		3	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2009-01-28		WM	1. Final design confirmation (concrete) off-take structure span of rectangle lining (U flume), vegetation, construction management (excavator, peg, template), 2. safety helmet, 3. material purchase, 4. detail design amendment (design bottom level on concrete canal, FTD level) 5. compaction test, concrete test 6. schedule concrete starts from 3 Feb	IE, EA, WS		3	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-02-06		OJT	Training for earth and concrete work	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-02-06		WM	1. Design adjustment a. canal alignment (straight canal, string setup (center, shoulder)) b. add 5m rubble patching lining at D2 off take c. construction might be end of Feb d. next week canal side clearing by excavator e. request concrete work and masonry training	IE, EA, WS		3	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2009-02-12		OJT	1. OJT training (excavator and masonry training) and land acquisition method and negotiation skill	ITMSC	20IE, EA	3	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanoaya	Kimbuhwanoaya	2009-02-12		WM	1. present expenditure check (3.31 area) 2. steel 1.18 sec, backhoe D.16, tractor 0.51 sec 3. inform pay (IE next Tue 4. construction schedule (present water issue (more 3-4 days) and harvesting disturbs concrete work, need 2 weeks more schedule) 5. compaction getting better 6. payment request	RD, IE, EA, DP, WS		5	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman <sup>a</sup>	Kadurugasdaman <sup>a</sup>	2009-02-19		WM	1. inform payment (±0.7M, request on 26th) 2. Schedule (All work except headwalls ends by end of Feb, harvesting 10 days, after that finalizing and clean the site) 3. Canal alignment (straight canal) between T/O, water stop (sand and asphalt) 4. Accept price contingency (steel gate) 5. Request final design and drawing 6. Gate price contingency	IE, EA, WS		3	Irrigation	

Sl. No.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
2.4	Farmer	Conduct Reha	Kimbuhwanaaya		2009-02-25		WM	<ol style="list-style-type: none"> <li>1. Concrete test piece sampling</li> <li>2. Problem of concrete joint (placing and mixing process)</li> <li>3. Advice for concrete placing (1 time place or 2 times place=40mm), long fly wood fix form firmly</li> <li>4. Necessity of OOT training for concrete structure</li> <li>5. Advance pay (103,950Rps) and facilitation to DO</li> <li>6. Withdrawing process at GM (DO=EA)</li> </ol>		IE,WS,Soil tester(RDI)	3	14	Irrigation	
2.4	Farmer	Conduct Reha	Kadungasdaman		2009-02-26		WM	<ol style="list-style-type: none"> <li>1. Earth work/construction string check,</li> <li>2. Concrete/Gold joint, mixing method</li> <li>3. Steel gate order by interim payment</li> <li>3. Soil test and concrete test, is checked by Soil tester at Anuragdhapura IE office</li> </ol>		EA, Soil tester (Mr.Wijesena),	2	8	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanaaya		2009-03-04		WM	<ol style="list-style-type: none"> <li>1. Contract separate to 2009/2009</li> <li>2. Allowance amount is OK but payment method is under consideration</li> <li>IE Isaromova</li> <li>1. Contract separate to 2009/2009</li> <li>2. Allowance amount is OK, also pay DA and DP</li> <li>3. CIM prepares separate new contract and completion report, present IE on 11th Mar and get sign from IE</li> <li>EA Isaromova</li> <li>1. Contract is modified by CIM</li> <li>2. Present contract term is upto 20/Mar</li> </ol>		RD,IEEA,DP,WS	5	13	Irrigation	
2.4	Farmer	Conduct Reha	Kadungasdaman		2009-03-05		WM	<ol style="list-style-type: none"> <li>1. Design modification (canal alignment, add tree clearing, delete 1 gate(RB/D2),</li> <li>2. Design modification (delete 2 (rain paths, 1 FTO and its earth work(LB)</li> <li>3. Completion Certificate issue dated on 15/Mar</li> <li>4. Payment will be done by Payment record</li> </ol>		EA, IDO,	2	7	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanaaya		2009-03-11		WM	<ol style="list-style-type: none"> <li>1. Contract amendment and signed by FO,IE and CIM</li> <li>2. Resumption of construction at off take</li> <li>3. start construction of road well at culvert</li> <li>4. new carpenter (3 per)</li> <li>5. Necessity of concrete work training</li> <li>6. field work record by officers</li> </ol>		IEEA	2	10	Irrigation	
2.4	Farmer	Conduct Reha	Kadungasdaman		2009-03-13		WM	<ol style="list-style-type: none"> <li>1. Contract amendment and signed by IEFO</li> <li>2. Payment record (2nd) will be presented on Monday</li> <li>3. rate order procedure by EA</li> </ol>		IEEA,WS	3	11	Irrigation	
2.4	Farmer	Conduct Reha	Kimbuhwanaaya		2009-03-18		WM	<ol style="list-style-type: none"> <li>1. Canal alignment (straight line)</li> <li>2. Extension of U-flume</li> <li>3. plastering on concrete</li> <li>4. repair and alignment of FTO</li> <li>5. Backfill → Compaction → Graveling</li> <li>6. Road contractor delivery on 25/Mar</li> </ol>		IEEA,WS	3	18	Irrigation	
2.4	Farmer	Conduct Reha	Rajangan		2009-03-20		WM	<ol style="list-style-type: none"> <li>1. IEA,WS,CIM,FO responsibility confirmation</li> <li>2. Farmer contribution 12days/farmer</li> <li>3. Schedule road → canal</li> <li>Start around end of Apr or early May</li> <li>4. Water issue start on 20th/Mar to 20th/July</li> <li>5. Land preparation (20/Mar to 10/Apr)</li> <li>Broadcasting (10 to 20/Apr)</li> <li>6. on 23rd next weekly meeting</li> </ol>		IEEA,WS	3	21	Irrigation	

Ano.	Farmer/Officer	Activity	Modality	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
2.4	Farmer	Conduct Reha	Kadurugasdaman		2009-03-25		WM	1.RBD2 earth work and lining finish before new year (Apr.13) 2. RBD2 tractor finish and 2 will finish before new year 3. 3 culverts will finish after new year 4. RBD2 canal use bypass canal to continue 5. LB starts after new year 6.Tractical rain is disturbing earth work 7. Payment of sustenance allowance (EA) 8. Concrete vibrator hand over 1. Roller vibrator hand over 2. Pra Kenna on 200kilar (issue not decided because of tank, may start 17th. Apr) 3. Earth work straight. Concrete work needs some curve settings 4. Necessity of using concrete vibrator 5. Payment of sustenance allowance (E)	EAWS		2	13	Irrigation	
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-03-25		WM	1. Mobilization Advance (RPM) recommendation letter to RE 2. Interim payment is issued by RE 3. Machinery hand over 1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	IEEA		2	12	Irrigation	
2.4	Farmer	Conduct Reha	Rjangana		2009-03-25		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	CO-PD,RE,EA		3	6	Irrigation	
2.4	Farmer	Conduct Reha	Rjangana		2009-03-30		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	RF,ME,AW,S		3	7	Irrigation	
2.4	Farmer	Conduct Reha	Rjangana		2009-04-01		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	EA,WS,DA		3	8	Irrigation	
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-04-02		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	IEEA		2	7	Irrigation	
2.4	Farmer	Conduct Reha	Kadurugasdaman		2009-04-03		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	EA		1	14	Irrigation	
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-04-03		WM	1. Advance payment (s. FO decides amount with EA. b. RPM issues letter to RE for withdrawal c. RPM issues letter to RE for advance) Advance can be paid several times (1st before new year, 2nd after new year) 3. Construction starts after 20th, material provision, opening ceremony, shranadana) 4. Training for finance, stock, labor and contract explanation be held after new year. 5. Water issue started on 24th Mar. 3days	2. OJ,LE		3	16	Irrigation	

Att.	Farmer/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of officers attendant	Number of farmer attendant	Category	Remarks/Outcome
2.4	Farmer	Conduct Reha	Rajungata		2009-04-17		WM	<p>2. Quotation for material (cement, gravel, sand, steel) by material card</p> <p>3. Advance payment requested by quotation and material card</p> <p>4. Construction starts 25th to 30th</p> <p>5. Study tour to Kadurugasdaman (20 per)</p> <p>6. OJT training</p> <p>7. Inauguration ceremony arrangement</p> <p>8. Weekly meeting</p> <p>9. Cash flow and transparency</p>			14	Irrigation		
2.4	Farmer	Conduct Reha	Kadurugasdaman		2009-04-21		WM	<p>1. Confirmation of present work done</p> <p>2. Rehabilitation must finish by starting day of water issue</p> <p>3. Remaining part (concrete head wall, earth work in BR, all in LB) approx 80% done</p> <p>4. Location of sign board</p> <p>5. Inauguration ceremony, Field work from Rajungata</p>	EA, ST		2	Irrigation		
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-04-22		WM	<p>1. Completion of rehabilitation (concrete canal 30m x 30m (2009), culvert head (0.))</p> <p>2. 4th payment record over 54,900,000Rt will be issued by 23rd eve). Sing on Completion certificate on 24th morning.</p>	IE		14	Irrigation		
2.4	Farmer	Conduct Reha	Kadurugasdaman	Kadurugasdaman	2009-04-23		WS	<p>wrap up meeting for rehabilitation</p> <p>1. Final payment</p> <p>2. Confirmation for location of signboard, timing of inauguration ceremony</p>	ITMSG		4	Irrigation		
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-04-23		WM				5	Irrigation		
2.4	Farmer	Conduct Reha	Kimbulwanaya	Kimbulwanaya	2009-04-29		WS	<p>wrap up meeting for rehabilitation</p> <p>1. Final payment in FYJ 2008</p> <p>2. Next contract starts urgently with no advance with early interim</p> <p>3. PMC on 30th. Apr decide water issue in YALA 2008, present caps in 25% and 600A</p> <p>4. FYJ 2009 rehabilitation starts from Jul or Aug (Sep-15 rain starts)</p> <p>5. Final check, rehabilitation on 11th May</p>	ITMSG	IE, EA, WS, AI	4	Irrigation		
2.4	Farmer	Conduct Reha	Kimbulwanaya		2009-04-29		WM	<p>1. Confirmation and inspection the works done</p> <p>2. RBDZ remains</p> <p>3. 11th May, RBDZ complete, 12th May issue starts</p>	IE, EA		2	Irrigation		
2.4	Farmer	Conduct Reha	Kadurugasdaman		2009-05-07		WM	<p>1. Confirmation and inspection the works done</p> <p>2. RBDZ remains</p> <p>3. 11th May, RBDZ complete, 12th May issue starts</p>	EA		1	Irrigation		

A no.	Farmer/ Officer	Activity	Medot ciba	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)		Number of farmer attendants	Category	Remarks/Outcomes
										1	2			
2.4	Farmer	Conduct Reha	Rajungana		2009-05-07		WM	1. Confirmation of borrowing pit and materials procedure of mobilization advance 2. New contract agreement and interim payment will be paid soon 3. 28% Saralis--Irrigation subgroup (no payment to group, only to FCG leader) 4. Labor management was not fair (no penalty) 5. AGM should be held to solve a. Labor contribution, Swelis modification, financial process and O&M fund 6. Contents of O&M and its fund 7. Bent withdrawal process 8. FDI should attend initial workshop to discuss rehabilitation agmt.	ST		6	Irrigation		
2.4	Farmer	Conduct Reha	Kibulwananaya		2009-05-21		WM		IEEA		8	Irrigation		
2.4	Farmer	Conduct Reha	Rajungana	Rajungana	2009-09-28		OJT	1. Appoint Field Assistant by PEACE project 2. OJT training for concrete placing to avoid construction joint.	ITMSC	IEAWSFA	2 12	Irrigation Irrigation		
2.4	Farmer	Conduct Reha	Rajungana		2009-06-02		WM							
2.4	Farmer	Conduct Reha	Rajungana		2009-06-09		WM	1. Investigate and advice to labor arrangement for shuttering and concrete place 2. Check the concrete structure after introducing near shuttering 3. Advice 24 hours curing before start of water issue (during 4 days off)	WSFA		14	Irrigation		
2.4	Farmer	Conduct Reha	Rajungana		2009-06-25		WM	1. Investigate and advice to labor arrangement for shuttering and concrete place 2. Check the concrete structure affected by relational arrangement	WSFA		9	Irrigation		
2.4	Farmer	Conduct Reha	Rajungana		2009-07-14		WM	1. Investigate and advice to foundation 2. Check the concrete structure and soil	WSFA		11	Irrigation		
2.4	Farmer	Conduct Reha	Rajungana		2009-07-17		WM	1. Mobilization of farmer to rehabilitation 2. Check the concrete structure	WSFA		10	Irrigation		
2.8	Farmer	On-Form With	(Kadungadaman)		2009-04-30		WM	1. Water issue starts after completion of present rehabilitation 2. On- form Mr.Sudharni Sowing on 30th.Apr. BGS60, set up Recorder on 30th. Apr	IEEA		16	Irrigation		

Farmer/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
3.1 Farmer	Review	Kimbulwanaya	Kimbulwanaya	2008-06-23	1	OJT	Insect Census was carried out in Paddy Field Group Plot. Analyze of Insect Census, Prepare plot for leaves cutting.	AI, 2 SMO, ADA	AI, 2 SMO, ADA	4	13	Paddy	
3.1 Farmer	Review	Rajangana	Rajangana	2008-06-28	1	OJT	Field Inspection, Study of Insect Life cycle, Prepare plot for leaves cutting.	AI, 2 SMO	AI, 2 SMO	3	12	Paddy	
3.1 Farmer	Review	Kimbulwanaya	Kimbulwanaya	2008-07-08	1	OJT	Field Inspection, Analyze of Ecosystem, Test of Paddy Plant.	AI, 3 SMO, ADA	AI, 3 SMO, ADA	4	30	Paddy	
3.1 Farmer	Review	Kadurugasdaman	Kadurugasdaman	2008-12-11	1	OJT	Agronomic facts (Nutritional requirements) of Paddy Plant.	AI, SMO	AI, SMO	2	12	Paddy	
3.2 Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-04-03	1	OJT	Paddy Training (1st basic), Organic fertilizer Application for Vegetables	ADA, SMO, AI	ADA, SMO, AI	3	6	Paddy/OFC	
3.2 Farmer	Training/Study	Rajangana	Rajangana	2008-04-17	1	OJT	Paddy and OFO Training		3 ADA, 2 SMO, AI, ARPA	7	30	Paddy/OFC	
3.2 Farmer	Training/Study	Rajangana	Rajangana	2008-04-22	1	OJT	Preparation of Paddy Husk Charcoal	AI	AI	1	14	Paddy	
3.2 Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-04-23	1	OJT	Paddy charcoal Husk	ADA, SMO, AI	ADA, SMO, AI	3	22	Paddy	
3.2 Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-04-30	1	OJT	Farmers selection for demonstration and Basis training	AI, SMO		2	18	Paddy	
3.2 Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-05-22	1	OJT	Paddy Demonstration Training	SMO, AI		2	18	Paddy	
3.2 Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-05-28	1	OJT	Paddy Training (2nd basic)	AI, 3 SMO	AI, 3 SMO	4	21	Paddy	
3.2 Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-06-02	1	OJT	Control of Weed	SMO, AI		3	22	Paddy	
3.2 Farmer	New Tech/Demo	Rajangana	Rajangana	2008-06-03	1	OJT	Paddy and OFO Demonstration Training	2 ADA, 2 SMO, 2 ADA, 2 SMO, AI		5	25	Paddy/OFC	
3.2 Farmer	New Tech/Demo	Rajangana	Rajangana	2008-06-05	1	OJT	Demo farm training (B-onion pest control)	AI, SMO	AI, SMO	2	15	Paddy/OFC	

Ano.	Farmer/Officer	Activity	Model site	Venue	Date	Duration	Types	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-08-10	1	OJT	Identification of Beneficial & Harmful Pest. Analyze of Ecosystem, Group Play	AI, 2 SMO	AI, 2 SMO	3	20	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-15	1	OJT	Identification of Pest	SMO, AI		2	20	Paddy	
3.2	Farmer	New Tech/Demo	Kimbulwanaoaya	Kimbulwanaoaya	2008-08-16	1	OJT	Use of Leaf Color Chart for Application of Fertilizer	AI, SMO	AI, SMO	2	6	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-08-20	1	OJT	IPM Programme in Paddy	2 AI	2 AI	2	15	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-20	1	OJT	Application of Fertilizer	SMO, DD, AI		3	20	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoaya	RFDI	2008-08-24	1	Study tour	RFDI	AI	AI	1	22	Paddy	
3.2	Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-08-26	1	OJT	Application of Fertilizer Using Leaf Colour Chart	AI		1	12	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-30	1	OJT	Identification of diseases in Paddy	AI		1	15	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-07-05	1	OJT	Pest Management in Paddy	AI		1	18	Paddy	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-07-07	1	WM	2nd sub-committee on paddy/HG&I(Raj)	AI	DD, DA, AI, ARPA	4	34	Paddy, HG, Irrigation	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-07-15	1	OJT	preparation of Field Day	AI		1	20	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-07-19	1	OJT	Field Inspection, Identification of pest damage & their control measures	AI, 3 SMO, ADA	AI, 3 SMO, ADA	5	30	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-02	1	OJT	Paddy production Training	AI		1	19	Paddy	
3.2	Farmer	Field Day	Rajangana	Rajangana	2008-08-12	1	Training	Field Day	ADA, SMO, AI, ARPA	ADA, SMO, AI, ARPA	4	13	Paddy/OFC	comparison table
3.2	Farmer	Field Day	Kimbulwanaoaya	Kimbulwanaoaya	2008-08-14	1	OJT	Organize Field day	AI, SMO, ADA	AI, SMO, ADA	3	25	Paddy	
3.2	Farmer	Field Day	Kimbulwanaoaya	Kimbulwanaoaya	2008-08-15	1	Training	Field day for Paddy demo-farm(Kim)	AI, 3 SMO, ADA	AI, 3 SMO, ADA	5	40	Paddy	comparison table
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-08-19	1	OJT	Activities carried out to Analyze Yield	AI		1	12	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-08-26	1	OJT	Field Day & production of organic fertilizer	AI		1	10	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-09-09	1	OJT	Discussion about - increase paddy yield	AI		1	15	Paddy	
3.2	Farmer	Revo Fund	Kimbulwanaoaya	Kimbulwanaoaya	2008-09-11	1	WM	4th sub-com meeting on paddy (Kim)		DD, ADA, AI	3	61	Paddy	

Ano.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (Government officers)	Number of farmer attendants	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-16	1	OJT	Production of Paddy Husk Charcoal	AI		18	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-08-18	1	WM	4th sub-com meeting on paddy/HG (Kad)	AI		24	Paddy, HG	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-09-19	1	WM	4th sub-com meeting on paddy/HG (Raj)	DA, AI		107	Paddy, HG	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-09-19	1	OJT	Increase Paddy Production through other factors	AI		40	Paddy	
3.2	Farmer	Revo Fund	Kimbulwanaoya	Kimbulwanaoya	2008-09-25	1	WA	Kerna meeting & Paddy meeting (Koya)	AI		30	Paddy	schedule on paddy revo
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-09-29	1	WM & OJT	HG meeting/ training & paddy meeting (Kad)	AI		14	Paddy, HG	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-09-30	1	WM & OJT	HG meeting/ training & paddy sub committee meeting (revo fund) (Raj)	AI		30	Paddy, HG	schedule on paddy revo
3.2	Farmer	Revo Fund	Kimbulwanaoya	Kimbulwanaoya	2008-10-02	1	WM	Paddy com meeting (revo) (Koya)	AI		22	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-10-06	1	WM	Paddy com meeting (revo) (Kad)	AI		20	Paddy	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-10-08	1	WM	Paddy com meeting (revo) (Raj)	AI		23	Paddy	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-10-10	1	WM	Paddy committee meeting (revo) (Raj)	AI		24	Paddy	
3.2	Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-10-16	1	OJT	Demonstrate Application of organic Fertilizer in Paddy Field	AI		18	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-10-18	1	OJT	Identification of required amount of Seed & Fertilizer	AI		23	Paddy	
3.2	Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-10-19	1	OJT	Demonstrate deep harrowing & Application of organic Fertilizer in Paddy Field	AI		15	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-10-21	1	OJT	1st Paddy school (Kad)	AI		12	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-10-23	1	OJT	Importance of Usage of IPM in Paddy operation	AI, SMO		20	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-10-29	1	OJT	Application of Organic Fertilizer & Deep ploughing	AI		15	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-11-01	1	OJT	Basic Training for usage of Basal mixture & Paddy Husk charcoal in Paddy	AI		12	Paddy	
3.2	Farmer	New Tech/Demo	Rajangana	Rajangana	2008-11-03	1	OJT	Seedir Machine Demonstration	2 ADA, ME, 3		9	Paddy	
3.2	Farmer	New Tech/Demo	Kadurugasdaman	Kadurugasdaman	2008-11-03	1	OJT	Land Preparation for Paddy	AI		13	Paddy	
3.2	Farmer	New Tech/Demo	Kimbulwanaoya	Kimbulwanaoya	2008-11-05	1	OJT	Seedir machine demo/ Paddy field school 2nd (Kim)	AI, SMO		21	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-11-08	1	OJT	Paddy field school (Practice Parachuta method for planting)	AI		10	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-11-12	1	OJT	Farmer Field School (Remind last week Data collection, Drawing pent, Eco system analysis, Weed control, Day evaluation)	AI, 2 SMO		20	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-11-12	1	OJT	Germinate of Seed Paddy	AI, SMO		13	Paddy	



Ann.	Farmer/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendees (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-11-14	1	OJT	Paddy field school 2nd (Kad)	AI		1	12	Paddy	
3.2	Farmer	New Tech./Demo	Rajangana	Rajangana	2008-11-17	1	OJT	Weeder Machine Demonstration	ME, AI		2	13	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-11-17	1	OJT	Farmer Field School (Remind last week, Data collection, Drawing pest, Eco system analysis, Weed control, Day evaluation)	ADA, AI, 2 SMO		4	20	Paddy	
3.2	Farmer	New Tech./Demo	Kadurugasdaman	Kadurugasdaman	2008-11-18	1	OJT	Weeder Machine Demonstration	AI, ME		2	13	Paddy	
3.2	Farmer	New Tech./Demo	Kimbulwanaoya	Kimbulwanaoya	2008-11-20	1	OJT	Weeder Machine Demonstration	ME		1	12	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-11-21	1	WM	Paddy sub com (monitoring system) (Kad)	AI		1	12	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-11-22	1	OJT	Inspection of Paddy field & Giving marks for 1st round of Competition	AI, SMO		2	6	Paddy	
3.2	Farmer	Field Day	Rajangana	Rajangana	2008-11-24	1	OJT	Field school (IPM Programme)	AI, ADA, SMO		3	13	Paddy	
3.2	Farmer	Revo Fund	Kimbulwanaoya	Kimbulwanaoya	2008-11-24	1	WM	Paddy sub com (monitoring system) (Koya)			2	22	Paddy	
3.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-11-24	1	WM	Paddy sub com (monitoring system) (Raj)	SMO, AI		2	15	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-11-24	1	OJT	Integrated Pest Management Training	SMO, DD, AI		3	15	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-11-24	1	OJT	Farmer Field School (Remind last week, Data collection, Drawing pest, Eco system analysis, Weed control, Day evaluation)	ADA, AI, 2 SMO		4	20	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-11-28	1	OJT	Inspection of Paddy field & Giving marks for evaluation of Progress	AI, SMO		2	5	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-11-27	1	OJT	Farmer field school on (IPM (Field preparation)	ADA, AI, 3 SMO		5	18	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-11-29	1	OJT	Inspection of Paddy field & Giving marks for evaluation of Progress	AI		1	5	Paddy	
3.2	Farmer	Field Day	Kadurugasdaman	Kadurugasdaman	2008-11-30	1	OJT	Inspection of Paddy field & Giving marks for evaluation of Progress	AI		1	6	Paddy	
3.2	Farmer	New Tech./Demo	Rajangana	Rajangana	2008-12-01	1	OJT	IPM Programme & Water Management Programme	AI, SMO		2	11	Paddy	
3.2	Farmer	New Tech./Demo	Kadurugasdaman	Kadurugasdaman	2008-12-02	1	OJT	Importance of Weeds of Jengkol factor in Paddy. Steer machine demo (Kad) (Kad)	AI, SMO		2	12	Paddy	
3.2	Farmer	New Tech./Demo	Kimbulwanaoya	Kimbulwanaoya	2008-12-04	1	OJT	Growth stage of Paddy & Weed Control of Paddy	SMO, 3AI		4	31	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-12-04	1	OJT	Selection of Farmer for second round & Evaluate the Progress	AI		1	5	Paddy	
3.2	Farmer	New Tech./Demo	Rajangana	Rajangana	2008-12-11	1	OJT	IPM Programme & Introducing Leaf Colour Chart	AI, SMO		2	15	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaoya	Kimbulwanaoya	2008-12-11	1	OJT	Farmer Field School (KIM)	2SMO, AI		3	19	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-12-16	1	OJT	Importance of Top dressing Application in Stage of Paddy	AI		1	7	Paddy	

Ano.	Farmer/ Officer	Activity	Moat site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of farmer attendants	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-12-16	1	OJT	Identification of Pest Attack (Callinidige, Farmer Field School -IPM Programme (KIM)	AI		14	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-12-18	1	OJT	4AI	ADA, SMO, 4AI		13	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-12-23	1	OJT	Selection of farmer for second round & Evaluate the Progress	DD, AI		5	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-12-23	1	OJT	IPM Programme & Introducing Pest Identification Stage	AI, SMO		11	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-12-26	1	OJT	Selection of farmer for second round & Evaluate the Progress	DD, AI		10	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-12-26	1	OJT	Integrated Pest Management	ADA, 3AI, SMO		18	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-12-29	1	OJT	Identification of Pest in Paddy	AI		10	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-12-29	1	OJT & WM	Paddy School/HG sub com/LS monitor (RAJ) AI	AI		34	Paddy, HG, Livestock	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-12-30	1	OJT	Integrated Pest Management Training	DD, AI		12	Paddy	
3.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-12-31	1	OJT	Selection of farmer for second round & Evaluate the Progress	AI		5	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-01-02	1	OJT	Pesticide Inhibition & recommendation of Paddy	2AI, SMO		18	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2009-01-08	1	AI	Paddy School (KAD)	AI		12	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-01-06	1	OJT	Paddy School (RAJ)	AI		10	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-01-08	1	OJT	Pest Management	ADA, 4AI, SMO		18	Paddy	
3.2	Officer	Revo Fund	III	III	2009-01-13	1	WM	Monitoring Meeting on Agriculture Component			NP	Paddy & HG	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-01-16	1	OJT	pest damage affect to paddy yield	4AI, SMO		5	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-01-19	1	OJT	Paddy School (RAJ) Pest controlling	AI		10	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-01-22	1	OJT	Integrated Pest Management	3AI, SMO		14	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-02-03	1	OJT	Paddy School (Pest controlling/RAJ)	AI		10	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2009-02-03	1	OJT	Paddy School (Production of seeds) (RAD)	AI, SMO		10	Paddy	
3.2	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-02-05	1	OJT	Control of Brown plant Hopper	AI, SMO		8	Paddy	
3.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2009-02-07	1	OJT	Paddy School (KAD)	DD, AI		12	Paddy	

Ano.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Kaduruzasdamani	Kaduruzasdamani	2009-02-19	1	OJT	Paddy School (KAD)	DD, AI	SMO, H.M.M.B. Hearth, H.M.G. Herath, AI.	2	10	Paddy	
3.2	Farmer	Training/Study	Kimbukwanaoya	Kimbukwanaoya	2009-02-12	1	OJT	Paddy School (KIM)	AI		5	10	Paddy	
3.2	Farmer	Training/Study	Kaduruzasdamani	Kaduruzasdamani	2009-02-17	1	OJT	Paddy School (Harvesting & organization)	AI		1	12	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-02-18	1	OJT	Paddy School (RAJ)	AI		1	20	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-02-19	1	OJT	Paddy School (RAJ)	AI		1	20	Paddy	
3.2	Farmer	Training/Study	Kimbukwanaoya	Kimbukwanaoya	2009-02-19	1	OJT	Paddy School (KIM)	AI	SMO, H.M.M.B. Hearth, H.M.G. Herath, AI, M.M. Jayathilaka	5	11	Paddy	
3.2	Farmer	Training/Study	Kaduruzasdamani	Kaduruzasdamani	2009-02-24	1	OJT	Paddy School (Organizing & starting) (KAD)	AI, DD		2	10	Paddy	
3.2	Farmer	Training/Study	Kimbukwanaoya	Kimbukwanaoya	2009-02-24	1	OJT	Paddy School (KIM)	AI, SMO		4	12	Paddy	
3.2	Farmer	Training/Study	Kaduruzasdamani	Kaduruzasdamani	2009-03-03	1	OJT	Paddy School (KAD)	AI	SMO, H.M.M.B. Hearth, H.M.G. Herath, AI.	1	8	Paddy	
3.2	Farmer	Training/Study	Kimbukwanaoya	Kimbukwanaoya	2009-03-05	1	OJT	Paddy School (KIM)	AI, SMO		5	8	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-03-06	1	OJT	Field day	AI, SMO	ADA, AI, DA, ARPA	4	27	Paddy	
3.2	Farmer	Training/Study	Kaduruzasdamani	Kaduruzasdamani	2009-03-18	1	OJT	Field Day	AI		1	22	Paddy	
3.2	Farmer	Training/Study	Kimbukwanaoya	Kimbukwanaoya	2009-03-20	1	OJT	Field Day	AI	SMO, 3AI	4	33	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-04-07	1	OJT	Paddy school (Prepara nursery for parachute paddy planting) (RAJ)	AI		1	8	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-04-28	1	OJT	Parachute Method demonstration	AI		1	63	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-04-28	1	OJT	Paddy Sub committee meeting (RAJ)	AI, ADA	T.M.K.B. Thomaakoon, Kamal Bandara, M.G.S. Kumara, R.A.H.M.s. Bandara, A. Ma, J.B. Abeasinghe, I.W.Kimulgoda, H.M.S.Siricena, M.K.Vincent Perera, U.D.Rathnayake, R.K. Adharam.	11	63	Paddy	
3.2	Farmer	New Tech/ Demo	Rajangana	Rajangana	2009-04-29	1	OJT	Preparing for parachute paddy planting	AI		1	40	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-04-29	1	OJT	Paddy school RAJ	AI		1	40	Paddy	
3.2	Farmer	Revo Fund	Kimbukwanaoya	Kimbukwanaoya	2009-05-05	1	WM	Paddy & Live stool Sub Committee Meeting (KIM)		AVLDI	2	20	Paddy & Livestock	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-05-07	1	OJT	Paddy school RAJ	AI		1	12	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-05-18	1	OJT	Pest controlling	AI		1	13	Paddy	
3.2	Farmer	Training/Study	Rajangana	Rajangana	2009-05-19	1	OJT	Paddy School RAJ, HG	AI		1	20	Paddy & HG	

Ano.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendents (government officers)	Number of Officers attendant	Number of Farmer attendents	Category	Remarks/Outcome
3.2	Farmer	Training/Study	Rajangana	Rajangana	2008-05-26	1	OJT	Paddy School IPM RAJ	AI		1	12	Paddy	
3.2	Farmer	Field Day	Rajangana	Rajangana	2008-07-28	1	OJT	Field day- Parachute, Prosoa compost making, Paddy charcoal, husk separation, Field day- 1st sub-committee on paddy&HC(Raj)	ADA, ALSMO	ADA, SMO, 6 AI, ARPA	9	78	Paddy & HG	
4.2	Farmer	Dev. Act Plan	Rajangana	Rajangana	2008-08-16	1	WM			ADA, SMO, AI, ARPA	4	12	HG	
4.2	Farmer	Dev. Act Plan	Kimbulwanasaya	Kimbulwanasaya	2008-07-28	1	OJT	Introduction of Home Garden Development	AI, 2 SMO, ADA, DD	AI, 2 SMO, ADA, DD	5	25	HG	
4.2	Farmer	Dev. Act Plan	Kadurugasdaman	Kadurugasdaman	2008-07-29	1	OJT	Home Garden Training (Draw Present Home Garden)	AI		1	16	HG	
4.2	Farmer	Dev. Act Plan	Kimbulwanasaya	Kimbulwanasaya	2008-08-27	1	OJT	Introduction of Home Garden Development for Youth	ADA		4	30	HG	
4.2	Farmer	Dev. Act Plan	Kimbulwanasaya	Kimbulwanasaya	2008-08-16	1	WM	4th sub-room meeting on HG ( Farmers selection for medium and large scale) (Kim)	ICIM	DD ADA, SMO, AI	4	23	HG	
4.2	Officer	WGM	JTI	JTI	2008-07-17	7	WGM	Work meeting on training modules for HG	IGM		15	15	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-04-26	1	OJT	Drone farm training (8-tonon nursery)	ALSMO, ADA	ALSMO, ADA	3	16	OFC	
4.3	Farmer	Training/Study	Kimbulwanasaya	WTTI	2008-07-31	1	Study Tour- WTTI	Home Garden Training in Wayamba Training Institute	Principal	DD, 2 AI	3	27	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-08-01	1	OJT	Mature Plant Pruning	AI		1	23	HG	
4.3	Farmer	Training/Study	Kimbulwanasaya	Kimbulwanasaya	2008-08-08	1	OJT	Pruning of Mango like old trees & training of Orange, Lime like plants prepare individual (Jagann)	AI, 3 SMO, ADA		5	25	HG	
4.3	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-11	1	OJT	Preparation of Nursery bed & introduce other Nursery methods	AI		1	13	HG	
4.3	Farmer	Training/Study	Kadurugasdaman	BARC, Makandur	2008-08-13	1	Study Tour- Makandur	Home Garden Training for Compost making- Mektadura Research Station	AI		1	17	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-08-18	1	OJT	Compost Production/pruning	AI		1	12	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-08-19	1	OJT	Basic training	AI		1	13	HG	
4.3	Farmer	Training/Study	Kimbulwanasaya	Kimbulwanasaya	2008-08-19	1	OJT	Compost and Nursery preparation	AI, SMO		2	12	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-08-21	1	OJT	Compost Production	AI		1	17	HG	
4.3	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-21	1	OJT	Training on Soil conservation in Home Garden	AI		1	12	HG	
4.3	Farmer	Training/Study	Kimbulwanasaya	Kimbulwanasaya	2008-08-01	1	OJT	Compost Making & Bee Keeping	AI, 2 SMO		3	20	HG	
4.3	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-18	1	OJT	Pruning of trees in Home Garden (Training on Pruning)	AI		1	14	HG	
4.3	Farmer	Training/Study	Kimbulwanasaya	Kimbulwanasaya	2008-08-19	1	WM & OJT	HG meeting(training/kim)	DD, 2 SMO, 7 AI, ADA		11	17	HG	
4.3	Farmer	Training/Study	Kimbulwanasaya	BARC, Makandur	2008-08-20	1	Study Tour- Makandur	Compost Making study Tour (Makandura Regional Research Centre)	ADA, AI		2	43	HG	
4.3	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-10-08	1	OJT	Demonstrate Compost Making & Pruning of Trees	AI		1	12	HG	

Ano.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-11-16	1	OJT	Plant Pruning	AI		1	12	HG	
4.3	Farmer	Training/Study	Kadungasdaman	Kadungasdaman	2008-11-16	1	OJT	Introduction of Black Gram Cultivation	AI		1	12	HG	
4.3	Farmer	Training/Study	Kadungasdaman	Kadungasdaman	2008-11-19	1	OJT	Training for Production of Organic Fertilizer	AI, DD		2	12	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2008-11-22	1	OJT	Plant Pruning	AI		1	6	HG	
4.3	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-12-01	1	OJT	Pruning of fruit trees	AL		1	12	HG	
4.3	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2008-12-20	1	OJT	Vegetative Propagation of plants	AL		1	10	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-01-07	1	OJT	Variety, Field Establishment & Irrigation of Papaya	AI		1	7	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-01-16	1	OJT	Marking pits in Banana land	AI		1	5	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-01-17	1	OJT	Identifying varieties & water management regarding Papaya	AI		1	5	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-01-20	1	OJT	Home Gardening Training (Marking pits for Papaya) (RAJ)	AI		1	6	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-02-13	1	OJT	Home Gardening Training (RAJ)	AI	AI	1	5	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-04-01	1	OJT	Use of organic fertilizers	AI		1	26	HQ	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-04-02	1	OJT	Home Gardening Training (Giving instructions for field work -concaus & banana watering)	AI		1	6	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-04-16	1	OJT	Giving instructions for Papaya planting, watering	AI		1	6	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-04-17	1	OJT	Water condition of Papaya planting	AI		1	6	HG	
4.3	Farmer	Revo Fund	Kimbulwanaya	Kimbulwanaya	2009-05-05	1	OJT	OFG Program, Revolving Fund	ADA, SMO, AI		3	20	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-05-12	1	OJT	HG Training RAJ	AI		1	8	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-05-23	1	OJT	HG Training RAJ	AI		1	6	HG	
4.3	Farmer	Revo Fund	Rajangana	Rajangana	2009-09-03	1	WM	Home Gardening Meeting (RAJ)		ADA, AISMO	3	14	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-09-03	1	OJT	Fungal diseases in Banana & Papaw cultivation	AI		1	4	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-09-05	1	OJT	Inspection of Pest & diseases in Banana & Papaw cultivation	AI		1	4	HG	
4.3	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-09-06	1	OJT	Meize Cultivation in Paddy fields	AI		1	10	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-09-11	1	OJT	Shoot Management on Banana	AI		1	2	HG	
4.3	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-09-12	1	OJT	Training class for Meize Cultivation	AI		1	14	HG	
4.3	Farmer	Training/Study	Rajangana	Rajangana	2009-09-16	1	OJT	Shoot Management on Banana	AI		1	4	HQ	
4.3	Farmer	Training/Study	Kimbulwanaya	Kimbulwanaya	2009-09-16	1	OJT	Home Gardening Training Use of Fertilizer & Pest Control in OFG & Vegetable cultivation	AI		1	12	HG	

Ano.	Farmer/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
4.3	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-06-20	1	OJT	Thinning out of maize pit & use of Pesticide in Maize Cultivation	AI		1	8	HG	
4.3	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-06-30	1	OJT	Home Garden Training	AI		1	8	HG	
5.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-30	1	OJT	Livestock Training (bagai)	2 VS, LDI		3	9	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Wanigama farm	2008-08-09	1	Tour	Livestock Training Programme - Basic training/ awareness	VS, LDI		2	19	Livestock	
5.2	Farmer	Sub-Committee	Rajangana	Rajangana	2008-06-10	1	WM	1st sub-committee on LS(Rg)		3 VS, DA, LDI, ARFA	6	30	Livestock	
5.2	Farmer	Sub-Committee	Kimbulwanaoaya	Kimbulwanaoaya	2008-06-26	1	WM	1st sub-committee on LS(Kim)		VS, LDI	2	17	Livestock	
5.2	Farmer	Training/Study	Kadurugasdaman	AHTC	2008-06-30	1	Study	Livestock Training at AHTC	VS, LDI		2	13	Livestock	
5.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-07-02	1	OJT	Cattle Shed Construction (Identify required material)	VS, LDI		2	2	Livestock	
5.2	Farmer	Sub-Committee	Rajangana	Rajangana	2008-07-03	1	WM	2nd sub-committee on LS(Rg)	2 VS, LDI		3	27	Livestock	
5.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-07-09	1	OJT	Instruction for Cattle Shed Construction	LDI		1	14	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-08-14	1	OJT	Livestock Training (animal shed)	VS, LDI		2	7	Livestock	
5.2	Farmer	Training/Study	Kadurugasdaman	Kadurugasdaman	2008-08-20	1	OJT	Cattle Shed Construction	LDI		1	10	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-09-19	1	OJT	Cattle shed Construction	LDI		1	8	Livestock	
5.2	Farmer	Training/Study	Rajangana	Rajangana	2008-10-07	1	Training	Hormone Synchronization Programme (40 Cow)	2 VS, LDI		3	20	Livestock	
5.2	Farmer	Training/Study	Rajangana	Rajangana	2008-10-09	1	Training	Artificial Insemination Programme (28 Cow)	VS, 3 LDI		4	15	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-10-21	1	Training	Training and practice Heat synchronization (20 COW)	VS, LDI		2	15	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-10-24	1	Training	AI programme (3 COW)	VS, LDI		2	10	Livestock	
5.2	Officer	Revo Fund		PDOAP&Kurun	2008-11-14	1	WOM	4th LS work meeting (K/galt)			4	NP	Livestock	
5.2	Officer	Revo Fund		PDOAP&HAPur	2008-11-19	1	WOM	4th LS work meeting (K/Purn)			4	NP	Livestock	
5.2	Farmer	Revo Fund	Rajangana	Rajangana	2008-11-25	1	WM	LS sub com meeting (Rg)		VS, LDI	2	17	Livestock	
5.2	Farmer	Revo Fund	Kimbulwanaoaya	Kimbulwanaoaya	2008-11-27	1	WM	LS sub com meeting (Koya)		VS, LDI	2	14	Livestock	
5.2	Farmer	Revo Fund	Kadurugasdaman	Kadurugasdaman	2008-11-28	1	WM	LS sub com meeting (Kad)		VS, LDI	2	10	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2008-12-24	1	OJT & WM	LS training & check revo applicants (KIM)	VS, LDI		2	20	Livestock	
5.2	Farmer	Revo Fund	Kimbulwanaoaya	Kimbulwanaoaya	2008-12-26	1	WM	LS sub com meeting (KIM)				14	Livestock	
5.2	Farmer	Training/Study	Rajangana	Rajangana	2009-03-04	1	OJT	Cattle shed training	LDI		1	4	Livestock	
5.2	Farmer	Revo Fund	Rajangana	Rajangana	2009-03-28	1	WM	Sub committee meeting Livestock (RAJ)		W.Suniti Gunawardhana, Dr.Phyacharshni, Mr.Kelugachchi, Mr.Vincent Perera	4	20	Livestock	

Ano.	Farmer/ Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of farmer attendant	Category	Remarks/Outcome
5.2	Farmer	Training/Study	Rajangana	Rajangana	2009-04-03	1	OJT	Cattle shed training -RaJ	LDI		4	Livestock	
5.2	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-04-07	1	WM	Live Stock sub committee meeting (KIM)		Mr. Anura Rathnayake, Vs, LDI	4	Livestock	
5.2	Farmer	Revo Fund	Kimbulwanaoaya	Kimbulwanaoaya	2009-04-28	1	WM	Live Stock sub committee meeting		LDI, VS	15	Livestock	
5.2	Farmer	Revo Fund	Rajangana	Rajangana	2009-05-06	1	WM	Live Stock sub committee meeting		Chandana Ranawayaha (AI)	13	Livestock	
5.2	Farmer	Revo Fund	Rajangana	Rajangana	2009-06-02	1	WM	Livestock committee meeting		VS	11	Livestock	
5.2	Farmer	Revo Fund	Kimbulwanaoaya	Kimbulwanaoaya	2009-06-12	1	WM	Live stock sub committee monitoring meeting (KIM)			28	Livestock	
5.2	Farmer	Revo Fund	Rajangana	Rajangana	2009-07-23	1	WM	LS Sub Committee meeting (RAJ)		VS, LDI	21	Livestock	
6.1	Farmer	NS	Kimbulwanaoaya	WTI	2009-05-25	3	WS	Identify the needs of Women group	ICIM	ALSMD,IDO, LDI,ADA	28	Women Group	
6.3	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-06-30	1	OJT	Soap Making	Japanese Volunteer		20	Women Group	
6.3	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-07-07	1	OJT	Women Group KIM (Drying of vegetable, Spital Preparation)	AI	ADA, SMO, AI	19	Women Group	
6.3	Farmer	Training/Study	Kimbulwanaoaya	Kurunegala	2009-07-09	1	Study tour	Women group Meeting KIM (Lemon Drying)	Dilepa Jayasinghe		11	Women Group	
6.3	Farmer	Training/Study	Kimbulwanaoaya	Ambogana	2009-07-17	1	Study tour	Women group Meeting KIM (Medicinal Planting Prq)	Duwaga, Medicinal plant collector	AI	13	Women Group	
6.3	Farmer	Training/Study	Kimbulwanaoaya	Kimbulwanaoaya	2009-07-21	1	OJT	Women group Meeting Training for Mushroom (KIM)	SMD,3AI		6	Women Group	
1.1	Officer	Baseline survey		ITI	2007-11-01	2	TT	Trainers training on baseline survey		DA,LEA,ID	NP	FO	
1.2	Officer	GAP Awareness	Rajangana, Kimbulwanaoaya, Kadurugasdamana		11/27/2007	3	WS	Awareness workshop for CAP(3 modal site)	JICA Experts &AIVS, LDI, IDO,EA,DD,DA, SMO, ARPA		NP	FO	
1.3	Officer	GAP		FINTC	2007-11-20	3	TT	Trainers training on CAP workshop	JICA Experts	AIVS, LDI, IDO,EA,DD,DA,SMD,ARPA	8	FO	
1.5	Officer	Sub-Committee		ITI	2008-03-10	1	WCM	1st work meeting on FO		RPM,DA,IDO,DO	4	FO	Unified CAP/problem tree
1.6	Officer	FM		ITI	2008-08-07	1	WCM	1st work committee meeting on financial management training		RPM, IDO, DA, DO	4	FO/FM	topics/schedule/responsibility
1.6	Officer	FM		ITI	2008-09-01	4	WCM	2nd work committee meeting on financial management training		4RPM,AC,IDO, DO, DA	8	FO/FM	(draft module)
1.8	Officer	FM		ITI	2008-11-28	1	WCM	Financial management work committee meeting (TI office)		3 RPM, DA	4	FO/FM	
1.8	Officer	FM		ITI	2009-02-24		WCM	Prepare peas book	3 RPM, DA		4	FO/FM	

Ano.	Former/Officer	Activity	Model site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attendant	Number of farmer attendants	Category	Remarks/Outcome
1.6	Officer	FM	ITI		2009-07-08	1	WCM	Financial management work committee meeting (CIM Project office)	2 RRM, DA		3		FO/FM	
1.0	Officer	FM	ITI		2009-07-23	1	WCM	Financial management work committee meeting (CIM Project office)	3 RRM		3		FO/FM	
2.1	Officer	Review	ITI		2009-03-07		WCM	1st work meeting on irrigation			10	NP	Irrigation	Unified CAP/problem tree
2.1	Officer	Review	ITI		2009-05-28		WCM	Irrigation training module study committee(1st)			15		Irrigation	
2.2	Officer	GIS	ITI		2009-02-21		TT	Kick off meeting for GIS irrigation facility assessment	ICIM		10		Irrigation	
2.2	Officer	GIS	ITI		2009-03-03		TT	Kick off meeting for soil investigation	ICIM,NRMC		15		Irrigation	
2.2	Officer	GIS	ITI		2009-03-17		Seminar	Seminar on GIS mapping system			30		Irrigation	
2.2	Officer	GIS	ITI		2009-10-30		Seminar	Seminar on Application of GIS for enhancement of land productivity in irrigated			40		Irrigation	
2.2	Officer	GIS	Colombo		2009-05-18		Seminar	Soil based Farm management system through GIS mapping system			70		Irrigation	
2.2	Officer	GIS	ITI		2009-09-13-15	3days	TT	GIS training for officers	ICIM		10		Irrigation	
2.3	Officer	WCM	ITI		2009-05-28		WCM	Irrigation training module study committee(3rd)			15		Irrigation	
2.3	Officer	WCM	ITI		2009-08-04		WCM	Irrigation training module study committee			15		Irrigation	preparatory meeting
2.3	Officer	WCM	ITI		2009-10-31		WCM	Irrigation training module study committee(4th)			15		Irrigation	
2.3	Officer	WCM	ITI		2009-11-18		WCM	Irrigation training module study committee(5th)			15		Irrigation	
2.3	Officer	WCM	ITI		2009-05-27		WCM	Irrigation training module study committee(6th)			15		Irrigation	
2.3	Officer	WCM	ITI		2009-07-02		WCM	Irrigation training module study committee(7th)			15		Irrigation	
3.2	Officer	WCM	ITI		2009-03-04	1	WCM	1st work meeting on Agriculture			18	NP	Paddy	Unified CAP/problem tree
3.2	Officer	WCM	ITI		2009-05-14	1	WCM	2nd work meeting on Agriculture		5 ADA, 3 DD, 2 SMO, AO, PA, 3 AI	15	NP	Paddy/OFC	OJT plan on demo farm and training plan



Sl. No.	Farmer/Officer	Activity	Media site	Venue	Date	Duration	Type	Topic	Trainer	Attendants (government officers)	Number of Officers attending	Number of farmer attendants	Category	Remarks/Outcome
3.2	Officer	WCM	ITI		2008-07-21	1	WCM	3rd work meeting on Agriculture/livestock 2 LDI, DA		ADA, AC, 3 DO, 3 DO, 3 M, 3 VS, 2 LDI, DA	17	NIP	Paddy/LS	financial management rule
3.2	Officer	WCM	ITI		2009-05-04	1	WCM	4th Agriculture Work meeting (IT)		ASMO, AD, DDO	15	9	Paddy	
5.2	Officer	WCM	ITI		2008-09-03	1	WCM	1st work committee meeting on Livestock		DPD (NWP), 3 VS, 2 LDI	6	NIP	Livestock	Unified CAP/problem tree
5.2	Officer	WCM	ITI		2008-05-16	1	WCM	2nd work committee meeting on Livestock		DPD, DD, 3 VS, 2 LDI	7	NIP	Livestock	OJT plan on demo farm and training plan
7.1	Officer	WCM	FMTG		2007-11-23		WCM	Training advisory committee (1st TAG)		PDCA (NWP & NCP & IP), ERD, CAP & H (NWP & NCP), RRD, FORD, IMD, ID, ITI, FMTG, IPHT, JSTI (28 participants from this date)	28	NIP	Others	
7.2	Officer/ Farmer	PD	ITI		2008-05-26	2	TT	Trainers training on extension material	JICA Experts	30	30	3	Others	lesson plan/schedule
	Officer		ID, Colombo		7/31/2007	1	JCC	1st JCC (National level)		Sec. A4(M/AD&AS), D.D, D.JMD, ITI, DGA, AD, ERD, ED, JBIG, JICA	25		Others	
	Officer		ITI		10/18/2007	1	JCC	1st JCC (District level)			15		Others	
	Officer				2/26/2008	3	Mission	advisory mission from JICA	JICA Experts				Others	advice report
	Officer		ID, Colombo		2008-02-29		JCC	2nd JCC (national level)		Sec. Ad. (M/AD & AS), DGI, D.D, D. IMD, ITI, Ad-ERD, DDA, ED, JBIG, JICA	30		Others	memorandum
	Officer		ITI		2008-07-27		JCC	2nd JCC (district level)		Ad. Sec. (NCP), Director IMD, Director I & VM, RO, IE, PD (PDCA-NCP), VS, RPA, EA, RO, DO, Assistant Res. Representative, Senior Advisor, DD (ERD), ADA, AI, AD, D (ITI)	33		Others	memorandum
	Officer		ID, Colombo		2008-02-16		JCC	3rd Joint Coordinating Committee Meeting (national level)		Secretary M/AD&AS, Chief secretary NWP/NRP, District secretary (Anu, Kurunegala), Director general-IDD, DA, Commissioner General-DAD, Director ERD, Director (NWP) SS & TR, Director IMD, PD, AD, AD, ID, DDO, DA, IMD, EA, VS, AD, RDI, RPA	30		Others	
	Officer		ITI		2009-05-14		JCC	3rd JCC District Meeting (IT)			46		Others	

Abbreviation  
D: Director  
ID: Department of Irrigation & Water Management  
IMD: Irrigation Management Division  
RDI: Regional Director of Irrigation  
IE: Irrigation Engineer  
IT: Irrigation Training Institute  
ERD: External Resource Department  
EOI: Embassy of Japan  
AI: Agriculture Institute  
JICA: Japan Bank for International Cooperation  
LDI: Livestock Development Instructor  
IDC: Institutional Development Officer  
EC: Engineering Assistant  
DO: Divisional Officer  
ARPA: Agriculture Research and Productivity Assistant  
SRP: Subject Matter Officer  
ADA: Assistant Director of Agriculture  
RPM: Resident Project Manager  
ICIM: Increasing the Capacity of Integrated management in Irrigated Agriculture in Dry Zone

FO-Farmer Organization  
FM-Financial Management  
Women Group  
HG-Home Garden  
Ir-Irrigation  
Agr-Agriculture  
Others

WCM-Work Committee Meeting  
Seminar  
Training  
WM-Work Meeting  
TT-Trainers Training  
OJT-On The Job Training  
Study tour  
WS-Work Shop  
JCC-Joint Coordination Committee meeting  
Others (survey, etc.)

VS: Vet Surgeon  
DA: Development Assistant  
DD: Deputy Director  
PD: Provincial Director  
DAP&T: Department of Animal Health & Production  
FCRDI: Field Crops Research and Development Institut  
WTT: Wayamba Training Institute  
FMTG: Farm Mechanization Training Centre  
MI: Maha Illuppalama  
ISTT: In-Service Training Institute  
AHTC: Animal Health Training Centre  
IPHT: Institute of Post Harvest Technology  
RRDI: Rice Research and Development Institute  
NCP: North Central Province  
NWP: North Western Province

