

**Review and Planning Workshop  
on**

**The Development of a  
Fruit Processing Extension  
Approach  
in Eastern Province**

held at

**Izaak Walton Inn, Embu:**

24-26th. Nov. 1997:

**Internal Paper No. 21:**

Compiled by:  
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GTZ + MoARD



Gesellschaft für Technische  
Zusammenarbeit (GTZ) GmbH

Published by  
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ISBN

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## List of Abbreviations

DAEO	Divisional Agricultural Extension Officer
DEC	District Extension Co-ordinator
DHCO	District Horticultural Crops Officer
DHEO	District Home Economic Officer
FDA	Focal Development Area
GoK	Government of Kenya
IFSP-E	Integrated Food Security Programme - Eastern
ISP	Informal Sector Programme
ITFSP	Integration of Tree Crops into Farming Systems Project
KAP	Kitui Agricultural Programme
KIDP	Kitui Integrated Development Programme
KIE	Kenya Industrial Estates
MALDM	Ministry of Agriculture, Livestock Development and Marketing
NGO	Non-Governmental Organisations
PDA	Provincial Director of Agriculture
PHCO	Provincial Horticultural Crops Officer
PHEO	Provincial Home Economics Officer
PMEO	Provincial Monitoring and Evaluation Officer
RELD	Research Extension Liaison Division
RELO	Research Extension Liaison Officer

## 1. INTRODUCTION

A planning workshop was held for Embu, Mbeere, Makueni, Kitui, Tharaka Nithi and Mwingi districts of the Eastern Province. Participants included District Extension Co-ordinators (DEC), District Home Economics Officers (DHEO), District Horticultural Crops Officers (DHCO), Divisional Agricultural Extension Officers (DAEO), representatives from different projects and NGO's, Head, Home Economics Branch and an Assistant Director of Agriculture from Research Extension Liaison Division (RELD). The Provincial Home Economics Officer (PHEO), the Research Extension Liaison Officer (RELO) and the Provincial Horticultural Crops Officer (PHCO) were also in attendance.

The main objective of the workshop was to review the fruit processing activities of 1997, identify and analyse the constraints faced and plan for the way forward in 1998. Two new districts, Tharaka Nithi and Makueni participated since they are planning to start and venture into fruit processing and wanted to gain from the experience of the other districts where this approach has already been implemented for one or two seasons.

The workshop was officially opened by the **Deputy Director of Agriculture** in charge of **Research Extension Liaison Division** who highlighted the following points:

- The fact that the project is supposed to spread its activities to other countries in the region does not mean that already started activities in Kenya should be left unfinished. These should be concluded and handed over to collaborators.
- During the workshop, there is need to draw very clear plans of action for the next phase with well defined roles and responsibilities of the officers, NGO's and the project.
- There is need for implementing officers to source for more funds and assistance from other collaborators as it is not possible for one project to do everything pertaining to fruit processing.

In his welcome address, the **Provincial Director of Agriculture for Eastern Province**, told the participants that the province was 70% arid and semi arid and the project's activities in trying to improve the value of tree crops was a welcome move. As a result of poverty, people are now settling in the very marginal areas and this is leading to environmental degradation which is a real challenge as far as tree crop activities are concerned. He therefore urged the officers to take up the activities on tree crops seriously in order to improve the standards of the farmers.

The participants were briefed by the **Project Co-ordinator** on findings of the projects review mission's and the future role of ITFSP as far as activities in Kenya are concerned.

The mission found out that the project had gone too much into implementation which was not its mandate hence this has to be reduced. As the Kenyan activities reduce, the collaborators have to gradually take over both, in way of facilitation and implementation of these activities. However, ITFSP will continue to facilitate fruit processing, especially in the districts that took credit to purchase the solar dryers. This is mainly because these groups need to be assisted to meet their credit obligations to Kenya Industrial Estates (KIE). For the incoming districts, the project will facilitate training, product development and marketing of any dried products they may produce but will reduce its role in facilitating follow up activities in terms of fuel and allowances for staff. These districts will have to find other collaborators to fund their activities.

## **2 DISTRICT REPORTS:**

### **2.1 MWINGI:**

Fruit processing in Mwingi district is mainly facilitated by GTZ./Integrated Food Security Programme-Eastern (IFSP-E). This is supposed to be a collaborative activity with the Ministry of Agriculture, Livestock Development and Marketing (MALDM) but this has not been possible due to inadequate funds on the government's side. This has left the whole activity under the responsibility of IFSP-E.

Mango drying was started by the project as an income generating activity for the farmers in the mango growing area of Mwingi district. The district has four groups and four individuals involved in mango drying. These groups and individuals acquired the dryers through soft loans that were advanced to them by the project. The loan is to be repaid over a period of four years in four instalments (i.e. one installment per season or year) after the mangoes are sold.

After reviewing the mango activities in the district, the project has found out that this is not a viable project for the district and it does not qualify in terms of the projects' expected outputs since the groups involved are not food insecure. However, the IFSP-E intends to carry on the activities in the coming season with the groups and individuals in order to make a final assessment on the viability of the activity. Individuals involved have asked for more loans but this will not be extended.

### **Constraints:**

- Some of the major constraints being faced by groups in Mwingi is poor management and as a result, some of the groups have disintegrated and the dryers recovered from them.
- Another major problem is that follow-up of these groups has been done by IFSP-E alone without the collaboration of the MALDM staff due to inadequate funds on the part of the government. This has not been very successful as the project does not have enough staff on the ground. However, this situation is expected to change in the future and that supervision can be conducted jointly.

## 2.2 KITUI DISTRICT:

During the 1997 mango season, six groups participated while one group opted out of mango drying activities. In summary and in terms of the achieved production output, the groups performed better than in the previous season.

The groups in Kitui faced various **constraints and problems** some of which are enumerated below:

- Poor packing and packaging material leading to deterioration of the quality.
- Poor communication between the groups, MALDM and the ITFSP
- Most of the dryers were not constructed according to specifications and have sagging trays and gaps at the doors which results in poor quality product.
- Most groups have inadequate storage facilities at group level and this is a problem since they had to transport their product to Matinyani centre for storage. This then increased the cost of transport for the groups thus eating into their profits.
- The product is not known even in the local community hence the need to carry out promotion campaigns and to train the women on marketing skills.
- Kitui Integrated Development Programme (KIDP) only facilitated the follow-up to the groups that are in their Focal Development Areas (FDA) and there is need for both ITFSP and MALDM to facilitate the follow-up of the other groups.

## 2.3 MBEERE DISTRICT

The MALDM supervised five groups in Mbeere. These groups produced 226 Kg of grade one and 30 Kg of grade two mangoes which fetched a total of Ksh. 111,000.00. The groups together with the MALDM staff were involved in sales promotion both locally and in Nairobi.

### **Constraints faced by the groups:**

- Most of the dryers were constructed in a hurry and were not finished to the required standards. This led to poor quality of the produce thus lowering the income of these groups.
- The mango activities are seasonal and the groups have not managed to utilise their dryers fully. As a result, most of the groups have been having problems with loan repayment. Also, during the last mango season, the mango was basically the only source of food and cash due to the severe drought that prevailed hence there was not much left for drying.
- Most groups experienced group organisation problems and also, these groups are not business oriented resulting in low performance.
- The district being new, it does not have enough vehicles for follow up.
- Allowances paid to the staff were too low (lower than government rates) and this lowered the morale of the staff.

### **Suggested activities and solutions for the future:**

- The groups should be trained on other products (e.g. tomatoes, guavas, pawpaw, vegetables etc.) that they can process throughout the year so that they can utilise the dryers fully and also manage to repay the loans to KIE.
- Groups should also be trained on management.
- The Rural Technology Development Centre (RTDC) should be used to train the carpenters in future since they have the manpower and the skills.
- There is need to introduce high quality fruits like citrus which can do well in the district. This will alleviate the problem of lemons during mango processing.
- There is need to create awareness on mango drying among the staff in the district and also in the collaborating institutions.

**2.4 Kamurugu Project: Iria-Murai Catholic Mission.** This project had under its outreach programme three groups involved in mango drying. Members in these groups contributed the capital to buy one dryer while the project gave them soft loans for the other two dryers. The dryers were also produced in a carpentry workshop at the mission and their workmanship was good. During the season, the three groups sold 127 Kg to GTZ, 50 Kg locally to schools and the local market and 20 Kg to individuals. These groups also dried 120 Kg of tomatoes which they sold at KSH 600 per kg. **Constraints:**

- These groups started late as the dryers were delayed hence production period was short.

- The groups had organisational problems; for example: one of the groups was composed of employed people who had no time to do the activity themselves and had to send their children who were not trained on the mango processing.
- Prices of ripe mangoes were very high and this was a problem for the groups.
- Some groups had too many members and organisation of work around three dryers was not easy. In some cases, some of the members opted out of the mango drying activities. The profit was too low as it had to be shared by all members.

**Future outlook:**

- Some groups would like to have more dryers and the project is ready to give them loans to purchase them.
  - The coming season does not look very promising as there is very little flowering on the fruits.
  - The dryer should be modified so that it has a higher capacity and can be used to dry other products like tomatoes, vegetables, pawpaws and guavas.
- 2.5 EMBU DISTRICT:** During the production season, supervision was carried out well amongst all the groups. Where problems arose especially due to negligence of staff, these were replaced for the good of the group. The groups besides mango drying were also trained on making jam and juices. The members were also advised to plant the seeds in their farms as rootstocks which can later be grafted with improved mango varieties. The groups under Embu managed to dry 433Kg of grade one which earned them KSH 173,000.00. The farmers and the staff were able to sell 60 Kg locally to other staff members, during field days, to schools and others. They also sold jam worth KSH 10,000.00 and juice worth KSH 5,000.00.

**Constraints faced by the groups:**

- The mango season was short and so most groups ended buying mangoes and this reduced the groups' profits. The mangoes also were a source of food during the drought period. This reduced the fruits available for processing.
- Delayed payments to the groups lowered their morale.
- Many groups faced organisational problems.
- The staff morale was low as allowances paid to them were even lower than government rates. The groups have been interfered with politically due to the national women harambee.
- KIE should have visited the groups in order to monitor their performance but this was not possible.
- It was not possible to dry other vegetables like cowpeas due to aphid attack. Also the weather was not very favourable for drying of tomatoes.

- The farmers spent a lot of money on lemons as they were not readily available in the locality.

**Future outlook:**

- Need to reschedule the loan repayment due to the poor forthcoming mango season.
  - There is need to train the farmers on other products and also on grafting and tree management.
- 2.6 THARAKA NITHI:** Farmers from 3 groups in Tharaka Nithi were facilitated to visit mango drying groups in Embu. One of these groups is requesting for training as the Methodist Church is willing to support it in the activity. The group has a premise where they can carry out the activity. The other two groups are requesting for a loan from GTZ. (ITFSP is not in a position to give a loan or to purchase dryers for groups).

**2.7 MAKUENI DISTRICT:** 8 groups are interested in starting the mango drying activity; out of these, 4 of them are under Makueni Agricultural Programme (MAP) and will be supported by the programme especially in Kisumu and Kasikeu Divisions. ITFSP facilitated a farmers' tour jointly with DANIDA to Kitui mango drying groups. So far, 5 artisans have been trained on dryer construction and 2 dryers have already been completed. Two groups have been assisted by the DAO's office to acquire the two dryers. The groups are also raising cash to buy the dryers.

**3. KENYA INDUSTRIAL ESTATES -INFORMAL SECTOR**

**PROGRAMME.** The credit officer from KIE -Embu office, reported that groups have tried in their loan repayment despite the fact that the mango season is long gone. One of the groups has even paid up to February 1998. As had been envisaged in the beginning, it was not possible to visit the groups in order to monitor their progress. This should be looked into in the coming season. A client orientation programme was missed at the beginning of the exercise. This gives the loanees all the exposure needed in order to understand the loan conditions. This can still be planned for in the near future especially before the next season ends.

## 4 District Workplans\_

### 4.1 EMBU DISTRICT

ACTIVITY	TIME	PERFORMANCE INDICATOR	RESPONSIBLE PERSON/INSTITUTION	RESOURCES REQUIRED
<ul style="list-style-type: none"> <li>Repair of dryers</li> </ul>	Dec. 1997	3 dryers repaired	Groups	Groups/ITFSP
<ul style="list-style-type: none"> <li>P. R. A. on other products (ranking) Monitoring and evaluation</li> </ul>	Dec 1997	M & E tool developed	DHEO & DHCO	Transport 4,800.- Allowances 11,000 <u>15,800/-</u> ITFSP
<ul style="list-style-type: none"> <li>Training on other products</li> </ul>	Feb. 1998	all 7 Groups trained	ITFSP	1 Vehicle - DAO Allowances 6,200/- Transport 11,000/- ITFSP <u>17,200/-</u> DAO-VEHICLE
<ul style="list-style-type: none"> <li>Training on group and credit management</li> </ul>	Jan. 1998	7 Groups trained	K.I.E./ITFSP	Transport 8,800/- Allowances <u>7,200/-</u> <u>16,000.-</u> - ITFSP 1 Vehicle-DAO
<ul style="list-style-type: none"> <li>Training in marketing</li> </ul>	May	7 Groups and 10 staff trained	ITFSP CONSULTANT	Allowances 7,200/- Transport 8,800/- <u>16,000-</u> ITFSP 1 Vehicle-DAO
<ul style="list-style-type: none"> <li>Local market promotion</li> </ul>	May-June 1998	Promotions carried out in 3 local markets	ITFSP-CONSULTANT DHEO/GROUP DHCO/Members	Allowances 18,000/- Transport <u>7,200/-</u> <u>25,200/-</u> ITFSP 1 DAO-VEHICLE

Embu 2:

ACTIVITY	TIME	PERFORMANCE INDICATOR	RESPONSIBLE PERSON/INSTITUTION	RESOURCES REQUIRED
<b>MANGO PRODUCTION IMPROVEMENT</b>				
<ul style="list-style-type: none"> <li>Needs assessment survey</li> </ul>	Jan. 1998	Survey conducted in two divisions	DHCO/DHEO	Covered in supervision
<ul style="list-style-type: none"> <li>Training of trainers course (TOT)</li> </ul>	March 1998	30 trainers trained	ITFSP/DHCO	Training material 5,000/- Fuel 2,000/- Accommodation <u>60,000/-</u> ITFSP <u>67,000/-</u> 1 DAO-VEHICLE
<ul style="list-style-type: none"> <li>Follow-up training</li> </ul>	March 1998		DHCO & DHEO	Fuel 5,000 Allowances 32,000/- Training materials <u>10,000/-</u> <u>47,000/-</u> 1 DAO-VEHICLE
<ul style="list-style-type: none"> <li>Training on mango tree management</li> </ul>	July-Dec 1998	Group members trained	DHCO	Allowances 8,400/- Transport <u>3,600/-</u> ITFSP <u>12,000/-</u> 1 Vehicle-DAO
<ul style="list-style-type: none"> <li><b>SUPERVISIONS</b> Frontline staff</li> </ul>	Dec.- June 1998	Twice/week for 6 months (52 days) - F.E.W. One visit/month/group. 12 visits for 6 months - DAO. One visit/month/group - DHEO and DHCO	DHEO & DHCO	Fuel 540 Litres 21,600/- Allowances <u>96,000/-</u> <u>117,600/-</u>

ACTIVITY	TIME	PERFORMANCE INDICATOR	RESPONSIBLE PERSON/INSTITUTION	RESOURCES REQUIRED
<ul style="list-style-type: none"> <li><b>REVIEW MEETING</b></li> </ul>	Sept. 1998	20 participants in attendance	ITFSP/DHCO/DHEO	Stationary 3,000/- Transport 4,000/- Allowances 5,000/- ITFSP 12,000/- <b>1 DAO-VEHICLE</b>
<ul style="list-style-type: none"> <li><b>TOURS</b></li> <li>Staff tour to coast</li> </ul>	June 1998	10 staff to participate (5 days)	ITFSP	Transport 10,000/- Diesel 50,000/- Night out 60,000/-
<ul style="list-style-type: none"> <li>Overseas Educational tour</li> </ul>	To be determined by ITFSP	3 staff from Embu district	ITFSP	To be determined by ITFSP
<b>TOTAL</b>				<b>Sub-total including 10% contingencies</b> <b>422,000.-</b>

#### 4.2 MBEERE DISTRICT

ACTIVITY	TIME	PERFORMANCE INDICATOR	RESPONSIBILITY	RESOURCES
<b>MANGO DRYING</b>				
<ul style="list-style-type: none"> <li>Drier repairs</li> </ul>	December 1997	22 dryers in good condition	conferences women groups ITFSP	Group contribution (money) ITFSP to assist with wire-mesh for 8 dryers
<ul style="list-style-type: none"> <li>Follow-ups</li> </ul>	January 1990	<ul style="list-style-type: none"> <li>Visit per group by staff incharge per fortnight</li> <li>2 visits in 2 division/month</li> <li>1 district visit per 2 month to Kanyumbora groups</li> </ul>	MoALD&M Kamurugu Project ITFSP	Allowances 24,000/- Fuel 90,000/- DAO vehicle
<ul style="list-style-type: none"> <li>Sorting, grading and packaging</li> </ul>	January - March, April, December	grade II and grade I	Women groups, MoALD&M, Kamurugu	
<b>TRAINING</b>				
<ul style="list-style-type: none"> <li>On finance and group management</li> </ul>	February - April	Better loan repayment strong groups	ITFSP K.I.E MOALD&M Kamurugu Social Services	Farmers lunches 12,000/- Staff allowances 16,000/- Fuel 12,800/- DAO vehicle

<ul style="list-style-type: none"> <li>Nursery management grafting top-working, Orchard management</li> </ul>	January - December.	Group nurseries established and top-worked trees.	ITFSP MoALD&M, Kamurugu	Fuel Allowances 25,600/- 19,200/-
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Mbeere 2;

<b>ACTIVITY</b>	<b>TIME</b>	<b>PERFORMANCE. INDICATOR</b>	<b>RESPONSIBILITY</b>	<b>RESOURCES</b>
<ul style="list-style-type: none"> <li>Creating awareness to MoALD&amp;M staff and collaborators</li> </ul>	January to March	2 day workshop	MoALD&M ITFSP Kamurugu	Vehicles (D.A.O) Allowance Ksh. 18,000/- Fuel 12,800/- Stationery 3,000/-
<ul style="list-style-type: none"> <li>Introduction of the other fruits and vegetable products</li> </ul>	January - December	10 new products introduced	ITFSP (consultant) MoALD&M Kamurugu Groups	Allowance 1,000/- Fuel 4,200/-
<b>MARKETING</b>				
<ul style="list-style-type: none"> <li>Sales promotion and marketing</li> </ul>	June-October	Penetration of product into the local market All products sold	ITFSP Consultants MoALD&M Kamurugu Groups	Allowance Kshs. 9,000/- Fuel 4,800/- DAO vehicle
<b>REVIEW W/SHOP (EVALUATION)</b>				
	September	One day workshop	ITFSP MoALD&M Kamurugu	Accommodation 15,000 Fuel 4,500/- Stationery 3,000/- 22,800/-
<b>STAFF TOUR</b>				
	June, July	3 days tour of coast	ITFSP MoALD&M Kamurugu	Accommodation 60,000/- Fuel 20,000/-

<b>TOTAL</b>					<b>347,200/-</b>
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#### 4.3 MAKUENI DISTRICT

ACTIVITY	TIME	PERFORMANCE INDICATORS	RESPONSIBLE PERSONS	RESOURCES
<b>FRUIT PROCESSING</b>				
Training of trainers workshop	Early January 1998	32 women, 8 MoALD&M staff, 2 NGO staff to be effectively trained on mango drying in two (2) sessions	ITFSP MoALD&M Groups	KSH 150,560
	Promotion campaigns	January - February 1998	Sales of dried mangoes along Nairobi-Mombasa highway markets included and in supermarkets and Hotels in Mombasa	Finances - Kshs. 46,400 by ITFSP (promotion campaigns) vehicles - Gok Groups
	Follow up	Dec 1997 - February 1998		Kshs. 24,000 ITFSP Kshs. 16,000 GOK vehicle GOK Groups
<b>TOTAL</b>				<b>Kshs. 236,960</b>

Budget contribution by Makueni Agricultural Programme (MAP) to be confirmed later.

#### 4.4 Tharaka Nithi

ACTIVITY	TIME	PERFORMANCE INDICATORS	RESPONSIBLE PERSONS	RESOURCES
<b>FRUIT PROCESSING</b>				
Training of carpenters	December	At least 2 carpenters effectively trained and 2 dryers constructed	GTZ and ministry groups	Finances 18,000 ITFSP Vehicles Gok
Training of trainers workshop	Early January 1998	20 women & 4 staff effectively trained on mango drying	-do-	Finances ITFSP Ksh 23,500. Vehicle-MALDM
Promotion Campaigns	Jan-Feb 1998	Sales of mangoes in Meru, Chuka & neighbouring towns	Farmers, MALDM & ITFSP	Finances-KSH 13,000. Vehicle-MALDM
Follow up	Jan-March 1998		DAEO, DHEO, DHCO	DAEO-daily 1st two weeks: fuel & allowances KSH 9,000 District staff-twice 1st two weeks-fuel and allowances KSH 4,000: DAEO once a week for 8 weeks, KSH 3,200; district one visit KSH 2000.
				<b>TOTAL KSH 72,700/-</b>

#### 4.5 KITUI DISTRICT

ACTIVITY	TIME	PERFORMANCE INDICATOR	RESPONSIBLE PERSONS	RESOURCES
<b>FRUIT PROCESSING</b>				
Creating awareness on fruit processing to staff in the district and other collaborators	January 1st week 1998 (one day)	2 members of staff to be involved	DHEO	Transport 5,000/- Allowances 9,000/-
Mango product diversification	December - March 1998 (one day group)	Juice and jam introduced	DHEO DHEO ITFSP	Transport 10,000/-ITFSP Materials 5,000/-KAP Allowances 2,000/-DAO
Other products (guavas, vegetables) and utilisation guavas, chips, jam Dried vegetables	May-June 1998	7 groups involved (140 members)	MoALD&M group members	Transport 5,000 DAO Allowances 6,000/-ITFSP, KAP (2000/- per division x3 divisions)
<b>MARKETING</b> Promotion: Grading, sorting, packaging and weighing (re-training)	January - December 1998 December to March	Market centres (local) Supermarkets Shows 3 Field days - 4 Dried products grade 1 products	group members GOK staff GOK Group members ITFSP	Transport 5,000 DAO Allowances 2,000 per group visit Group members KAP
<b>SUPERVISION</b>	December 1997 - June 1998		DHEO DHEO FEW	transport 32,000 ITFSP, DAO(GOK) allowances 4,000 ITFSP/KAP

Kitui 2

<b>ACTIVITY</b>	<b>TIME</b>	<b>PERFORMANCE INDICATOR</b>	<b>RESPONSIBLE PERSONS</b>	<b>RESOURCES</b>
Dryer repairs	October 1998 early December 1997	spoiled dryers sunken trays broken glass 7 groups	Materials for repair	Group members GOK staff ITFSP to provide mesh for trays  <b>Total KSH 84,000/-</b>

**4.6 MWINGI DISTRICT**

\* The workplan is similar to Kitui's in terms of activities. However, the budget will be taken care of by GTZ/IFSP-E and MOALD&M.

#### 4.7 PROVINCIAL SUPERVISION BUDGET

ACTIVITY	TIME	PERFORMANCE INDICATORS	RESPONSIBLE PERSON/INSTITUTION	RESOURCES REQUIRED
<b>SUPERVISION</b>				
Training processing, Tharaka Nithi market	December 1997 - January 1998	One visit to Tharaka Nithi One visit to Makueni	PHEO, PHCO, PTO	1 vehicle-PDA Fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/- ITFSP
Training management		One visit per participating district	PHEO, PHCO, PTO	1 vehicle-PDA fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/- ITFSP
Training marketing	January - March 1998	One visit per participating district	PHEO, PHCO, RELD	1 vehicle-PDA fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/-
Mango Processing	January - March 1998	One visit per participating district		1 vehicle-PDA fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/-
Other fruits processing	January - March 1998	One visit per participating district	PHEO, PHCO, RELD	1 vehicle-PDA fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/-

Provincial 2

ACTIVITY	TIME	PERFORMANCE INDICATORS	RESPONSIBLE PERSON/INSTITUTION	RESOURCES REQUIRED
Vegetables processing	3.5 - 3.6 June - September 1998	One visit per participating district	PHEO, PHCO, RELD, PMEO	1 vehicle-PDA fuel and contingencies subsistence for 3 officers and driver Kshs. 30,000/-
<b>MONITORING AND EVALUATION</b>				
	3.7.3.8 September 1998	Evaluation visits to all participating districts	PHEO, PHCO, RELD, PMEO	1 vehicle PDA Fuel contingencies subsistence for 4 officers and one driver Kshs. 55,000/- ITFSP
Group interviews		Visit 2 groups per participating district best and worst	PHEO, PHCO, RELD, PMEO	1 vehicle PDA Fuel contingencies subsistence for 4 officers and one driver Kshs. 55,000/- ITFSP
Evaluation and planning workshop	3.9 October 1998	Action plan	PHEO, PHCO, RELD, PMEO	No. Of participants 30 Stationary, allowances, Hotel reimbursements Kshs. 210,000 ITFSP
				<b>TOTAL Ksh 481,700/-</b>
<b>Overseas educational tour</b>	1998	Officers from Eastern province	ITFSP	?

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17.	Mr. J. N. Gathage	Branch Manager, KIE	P. O. Box 260, Embu
18.	Mr. D. Mukaru	Credit Officer, KIE	P. O. Box 260, Embu
19.	Mr. Mwongela	District Extension Co-ordinator	P. O. Box 178, Mwingi
20.	Ms. J. Mwanyumba	District Home Economics Officer	P. O. Box 178, Mwingi
21.	Mrs. Maria Reifenrath	GTZ/IFSP-E	P. O. Box 47601, Nairobi
22.	Mr. G. Wambua	GTZ/IFSP-E	P. O. Box 47601, Nairobi
23.	Mrs. Haiten Midudo	Divisional Home Economics Officer	P. O. Box 16, Kitui
24.	Mrs. A. Kinyua	District Home Economics Officer	P. O. Box 68, Chuka

25.	Mr. E. Gitari	Divisional Extension Officer	P. O. Box 68, Chuka
26.		District Horticultural Officer	P. O. Box 42, Makueni
27.	Mr. G. Umay	Monitoring and Evaluation - ITFSP	P. O. Box 47051, Nairobi
28.	Ms. Ute Thode	Student ITFSP	P. O. Box 47051, Nairobi
29.	Ms. B. King'ori	Project Liaison Officer - ITFSP	P. O. Box 47051, Nairobi
30.	Mr. Kariuki	District Extension Co-ordinator	P. O. Box 80, Siakago