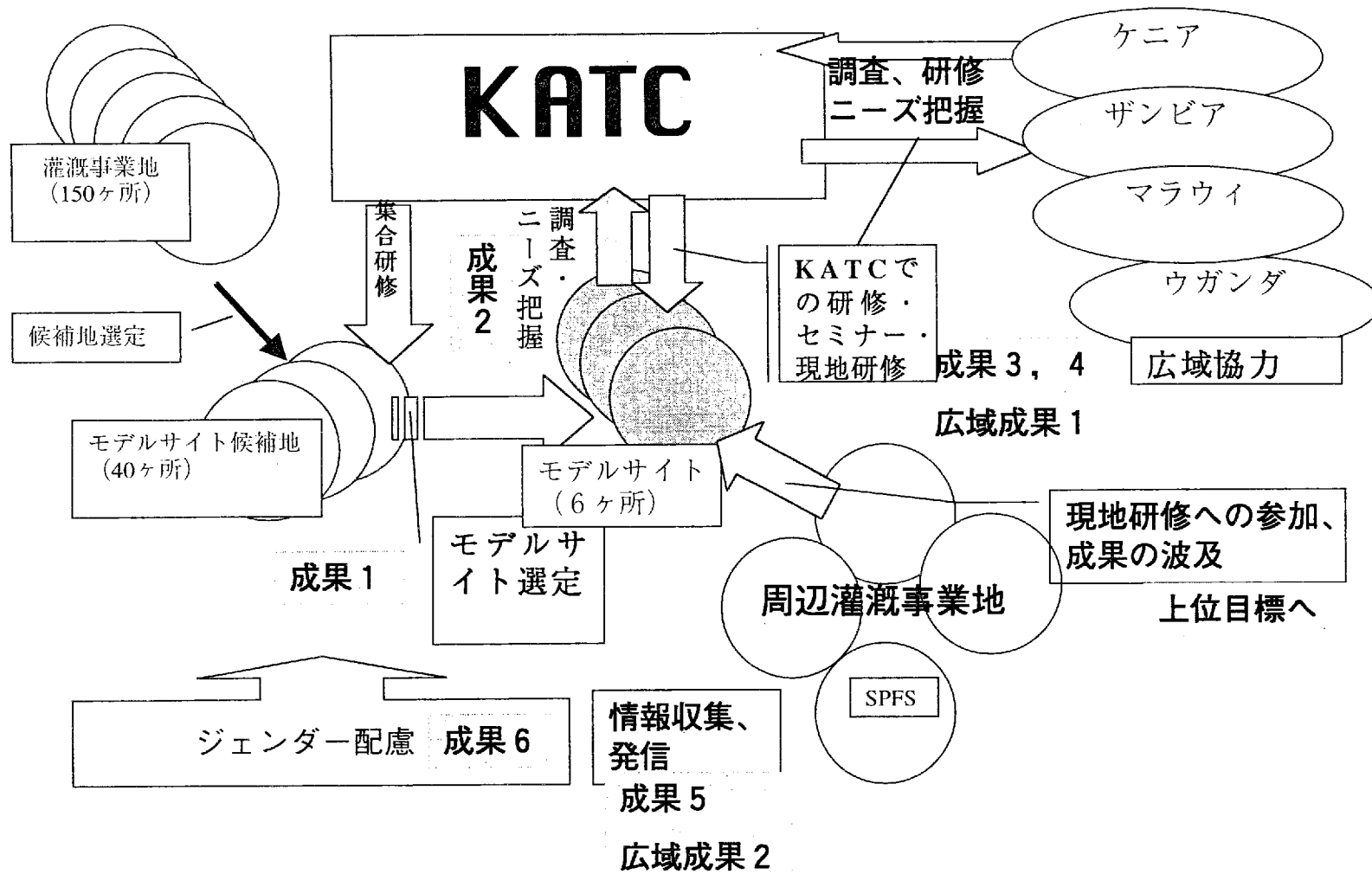


KATC Phase II
Plan of Operations for Whole Period

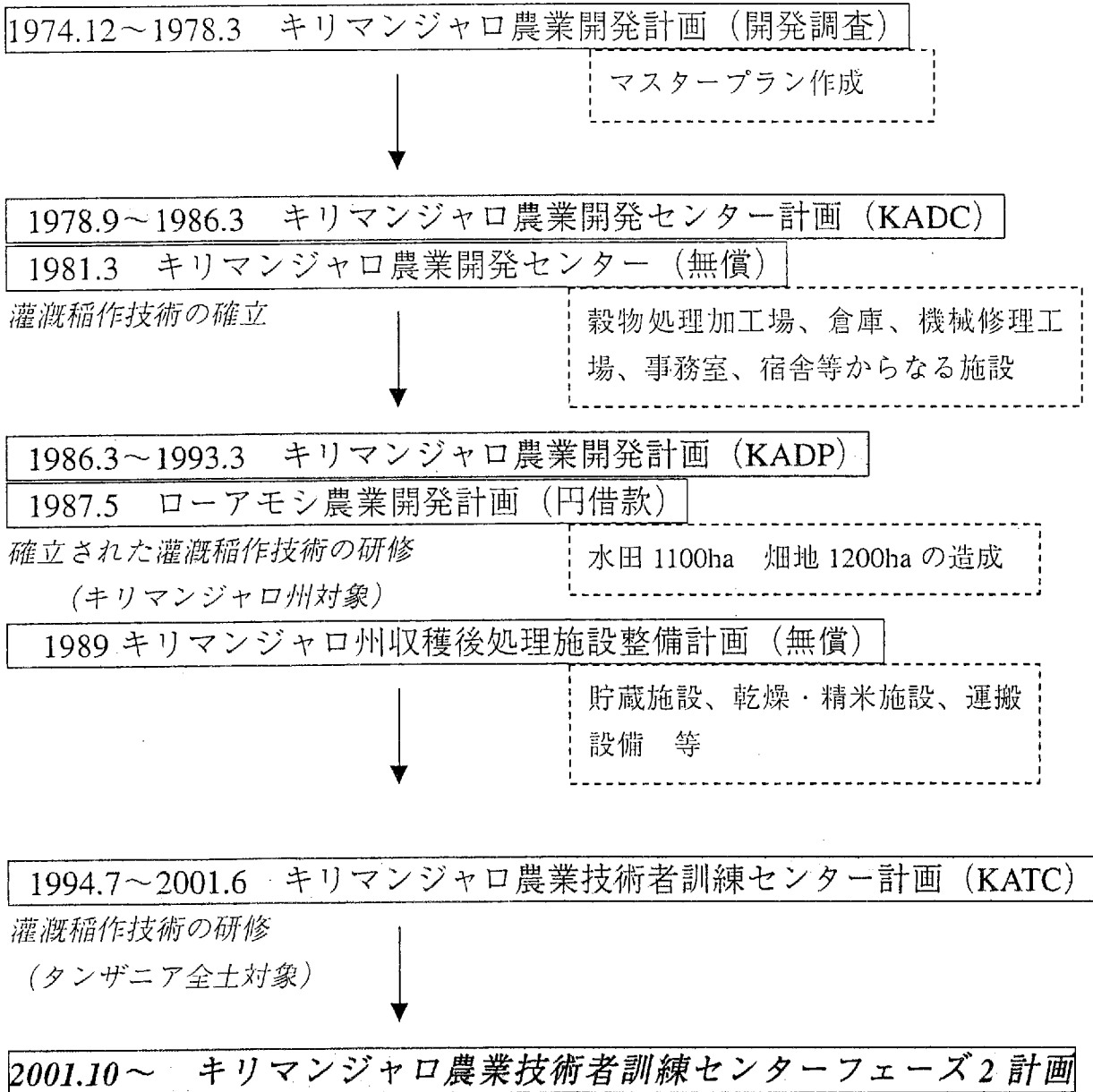
Activities	Target (Output)	Schedule (Calendar Year)												Responsible Person / Section	Implementer	Input					
		2002			2003			2004			2005						06				
		01	02	03	01	02	03	01	02	03	01	02	03				01	02	03		
6-3-1	Hold a Gender Workshop for KATC staff to make the activity plan to improve the institutional framework for irrigated rice production.																	Academic Dept.(Gender Officer)	Gender Assistants	Short term expert (gender)	
6-3-2	Make Gender checklist to monitor the teaching curricula, materials and methods for training courses.	Checklist																Academic Dept.(Gender Officer)	Academic Dept.(Gender Officer)	Short term expert (gender)	
6-3-3	Set conditions to encourage women's and youth's attendance to field training courses, seminars and workshops for farmers.																	Academic Dept.(Gender Officer)	Gender Assistants	Short term expert (gender)	
6-3-4	Monitor women's participation to the organizational activities in each model site.																	Academic Dept.(Gender Officer)	Gender Assistants	Short term expert (gender)	
6-4	Organize gender related information on irrigated rice production.																				
6-4-1	Analyse and classify the information on gender in irrigated rice farming.																	Academic Dept.(Gender Officer)	Gender Assistants	Short term expert (gender)	
6-4-2	Compile information on gender in irrigated rice farming for KATC publications and web-site.																	Academic Dept.(Gender Officer)	Gender Assistants	Short term expert (gender)	

活動計画と成果のコンセプト



4. 我が国の協力事業

これまでの協力の経緯



□：プロ技

5. 収集資料

5-1 モデルサイト研修の取り組み方

KATC Phase II 参加型灌漑稲作地域マネジメントプログラム

モデルサイト研修の取り組み方 (For discussion)

1 主な概念

モデルサイトでの米の収量が以下のようなアウトプットを通じて増加する。

- それぞれのモデルサイトに固有のトレーニングの必要性が識別される。
- モデルサイトでの普及員と中核農民のテクニックと技能が改善される。
- モデルサイトで持続的生産改善のための公式/非公式の団体が設立され、それがより良い活動を行うようになる。

* どういう点がモデルなのか

以下の点について、他の灌漑地域のモデルになることが期待される。

- 稲作栽培、水管理、農具、作付け計画等農民が身につける技術水準；
- 農民を巻き込んだ行動的な普及活動；
- 到達した生産レベル；
- 県の指導・援助（これは持続性を保持する上で絶対に必要な条件）
- 灌漑スキームの運営方法

* そして我々が最も重要視すべきことは：

- その灌漑地域と農民が実施した、高い生産性を達成するためのプロセスである。

それゆえ、**KATC** が実施する研修の取り組み方は、以下のようにあるべき：

- 参加型：農民と地方自治体を含む他の stakeholder が主なプレーヤー
- 低い経費：農民が困難を感じずに何とか実行できること；農民にとって入手可能な資源と最小の外部からの金銭的援助を使うこと。
- 実行可能な迅速な問題解決に焦点をあわせる：トレーニングの結果が容易に農民によって理解されて実行されること。
- 全農民の間でネットワーキングに焦点を合わせる。

他の灌漑地域のためのモデルとしての当該モデルサイトが使用されることは同様に重要：

そのためには

- 地方自治体（県）にはモデルサイトでのすべての **KATC** の活動を知らせること。
- 県が、積極的にモデルサイトでのトレーニングに参加するよう働きかけること。
- 県が、他の灌漑農業地の村落普及員や農民が当該モデルサイトの活動に参加できるようアレンジするように仕向けること。
- 農業食料安全保障省が、このための予算措置を県に対して講じるよう働きかけること。
- ASDP、RDP の中で農民・村落普及員研修の重要性を明確に位置づけ、達成目標を示すと同時に **KATC** の役割を位置づけること。

- KATC のトレーニングプログラムを、県の灌漑部門開発戦略を取り入れたものに仕上げる。
- モデルサイトのすべての stakeholder を識別して、その役割を定義すること。

2 モデルサイトへの主なアプローチ

Fig.1 参照

2-1. プロジェクトがとる STEP

step 1: 営農調査 (すべての研修プログラムの出発点)

ベースライン調査や営農実態調査は、モデルサイトの農家や他の stakeholder を巻き込んで実施する。

その目的:

- 詳細な研修ニーズを識別する。
- ベースラインデータが収集する。

調査はまた、モデルサイトのための全部のトレーニングプログラムの出発点でもあるので、これによって、

- 農民が彼らの状況と一般的問題点についてより深い理解を持つ
- 農民がモデルサイトでの活動に完全に参加することを求めるようになる
- 研修参加者として選ばれた農民は、全農民の代表であるという意識を持ち、彼らが学んだ事柄を広めることに責任を持つようになる

ようにしむけること。

Step 2: Key farmers のトレーニング (活動家集団づくり)

Target groups: VEO, leaders, key farmers (1 スキーム 20-30 名)

目的: KATC において実施される集合研修参加者は、「モデルサイトにおける農民主導型普及活動を主催し、KATC の行う現場トレーニングプログラムの実施を容易にすること」が任務である。

中身:

- 基礎的灌漑稲作栽培法
- 基本的な普及方法
- 農民を動員する方法
- モデルサイトで米生産を改善するための戦略を作る方法

Step 3: 現場研修 (活動家集団を主催者とした実践的研修)

Target groups: 選ばれた農民 (60 名)

目的: 選ばれた全農民は VEO と中核農民から灌漑稲作の基本的な知識を習得する。中核農民は、VEO と一緒に農民トレーニングプログラムと実行し、選ばれた農民はその他大勢の農家を教えたり導いたりする方法を学ぶ。

現場研修は水稻栽培の 3 つステージで実施する (圃場準備、生育盛期、収穫前)。1 年の間に 3 回繰り返すことにより、関係者は、行動計画を立て、モニタリング調査をし、活動を評価し、次の行動計画にフィードバックすることを学べる。

予想されるアウトプット:

- 短期間・反復研修による研修効果の最大化
- 時期を失せずに適切な時に別の課題に取り組むこと
- 農民に稲作の全期間通じて絶え間がない努力をするようことを促す。

内容：

- 各モデルサイトの **specific needs** に合致した水稻栽培技術（各モデルサイトに合った標準技術を農民と共に作り上げる）
- 問題の実務的解決（法）
- 実務的な行動計画の立案

Step 4: Follow-up (in-field training の内容)

KATC による Follow-up は、第 1 回現場研修会の直後から開始。

VEO ・中核農民・中間的農民の実行する実践活動に対する技術的助言とモニタリングを行う。

フォローアップ活動の内容は、以下の通り：

- 展示圃
- 農民グループの形成
- 立毛検討会：「水田の日」
- 農民から農民への普及
- 種子生産
- 水管理
- 灌漑施設維持管理
- 新しい農具の開発と採用など

さらに、もし必要であるなら、KATC はモデルサイトで実証試験を行う。

この段階で、農民は積極的に外部の情報源（近くにある研究機関から情報を得るなど）利用する必要がある。

2-2. KATC サポートなしでのモデルサイトにおける農民による持続的努力

Step 5: 他の農民への普及（プロジェクト終了後）

モデルサイトは、参加型のアプローチと県の指導を通して灌漑農業地の経営、農業生産改善活動に、持続的に取り組めるようになる。

KATC で研修を受けた人々は、グループ活動や農民から農民への普及やモデルサイト内外のアクティブなネットワーキングで他の農民をリードできるようになる（農民運動の活動家として自立する）ことが期待される。

3 県や他の stakeholders との関係

県事務所はプロジェクト期間が終了した後もモデルサイトがうまく維持運営される上で、重要な役割を持つ。モデルサイトの活動で得られた結果を県内の諸活動プログラムと調整を取りながら県内全域の農業開発や普及サービスに生かしていくことが期待されるからである。KATC は県事務所や灌漑稲作事業地の組織が上述の活動でイニシアチブをとるように励ましていく。（但し、モデルサイトで得られた結果をどう利用す

るかは基本的に県事務所の責務である。したがって) 県事務所に対する KATC サポートの方法と程度はそれぞれの地区が直面する状況に依存する。

- KATC は、モデルサイトを対象にした研修やトレーニングプログラムの実行を論じるのに先だって、**stakeholders** ワークショップを実施。
- KATC は、普及サービスに対し、モデルサイトでのイベントやモデルサイトで使われた技術・それから得られた専門的な情報を提供。
- KATC は、県当局者にモデルサイトで行う諸活動に参加出席・観察するよう招く。
- KATC は、他の灌漑地域から限定された数で VEOs と選ばれた農民にモデルサイトで種々の活動を観察するよう招待する。
- KATC は、政府の団体や NGOs、県内の共同体から適切な人員が自身の経費で出席するような場合、モデルサイトでセミナーとワークショップを組織化する。
- 県事務所は、基本的に県職員のための経費を負担する。

4. モニタリング、評価とネットワーキング

Monitoring : モニタリングは基本的に VEO によって実行される。

モデルサイトの中核農民は彼ら自身で自発的に学習・行動する。定期的に会議を持ち、進行中の行動計画について議論し、必要な調整を行う。

農民がどのように議論し、承認し、実行し、学び、そして達成したのかというプロセスは、他の灌漑地域のためのモデルであるという面から、最も重要な点である。スキームマネージャーは KATC に定期的に活動報告書を提出する。

Evaluation : 評価は、農民が実行するプログラムに要素として組み込まれる。

行動計画は常に前の行動計画の評価に基づいて作成され、こうしたマネジメントサイクルは全現場研修会で実施される。(Fig.2 参照)。

他のモデルサイトの VEOs と中核農民によって、現場研修会の終了期からフォローアップ時期の間に評価されることになる。

それは研修プログラムのより分析になるばかりでなく、ホストスキームとゲストスキームの農民が直接的交流を通じて相互により広い見方・考え方を持つのに役立つ。

Networking : ネットワーキングは研修プログラムで考慮しなければならない重要な点である。モデルサイトの農民が、自ら、問題の解決策を見いだすことができるようにするためには、既存の情報チャネルを拡張することと、もっと多くの情報ソースを持つようにすることは大切である。これには、伝統的な「情報のトップダウン」の流れを通してではなく、農民自らが情報を「探す」こと、つまりモデルサイトの農民は自ら進んで VEO、県事務所、近くの研究・研修所、トレーダ、他のモデルサイトでの経験等から必要なインフォメーションを探すようになることが必要である。

Fig. 1 Conceptual diagram of KATC Phase II approach in the model site

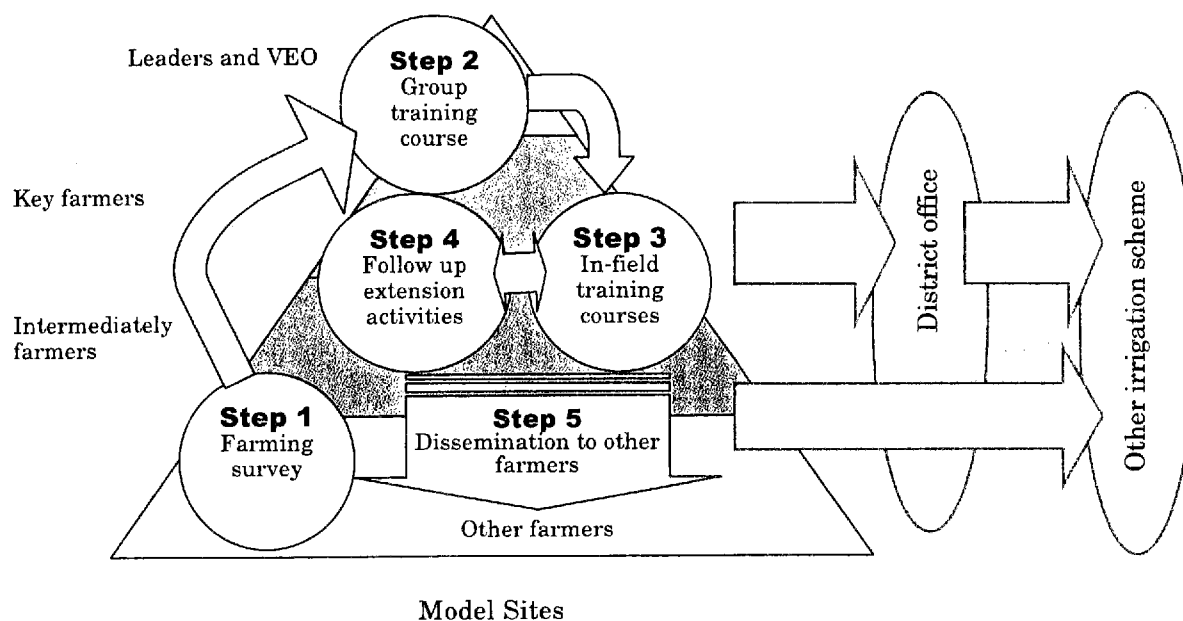
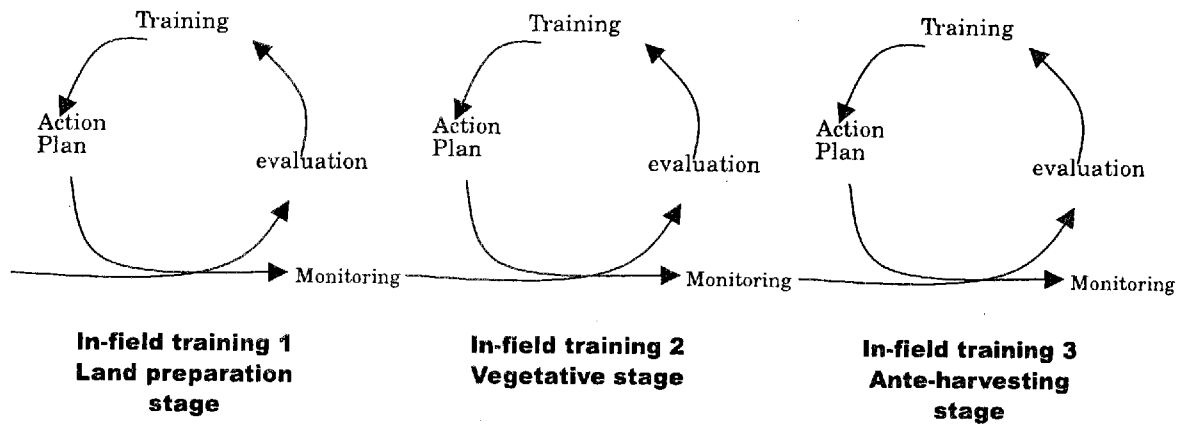


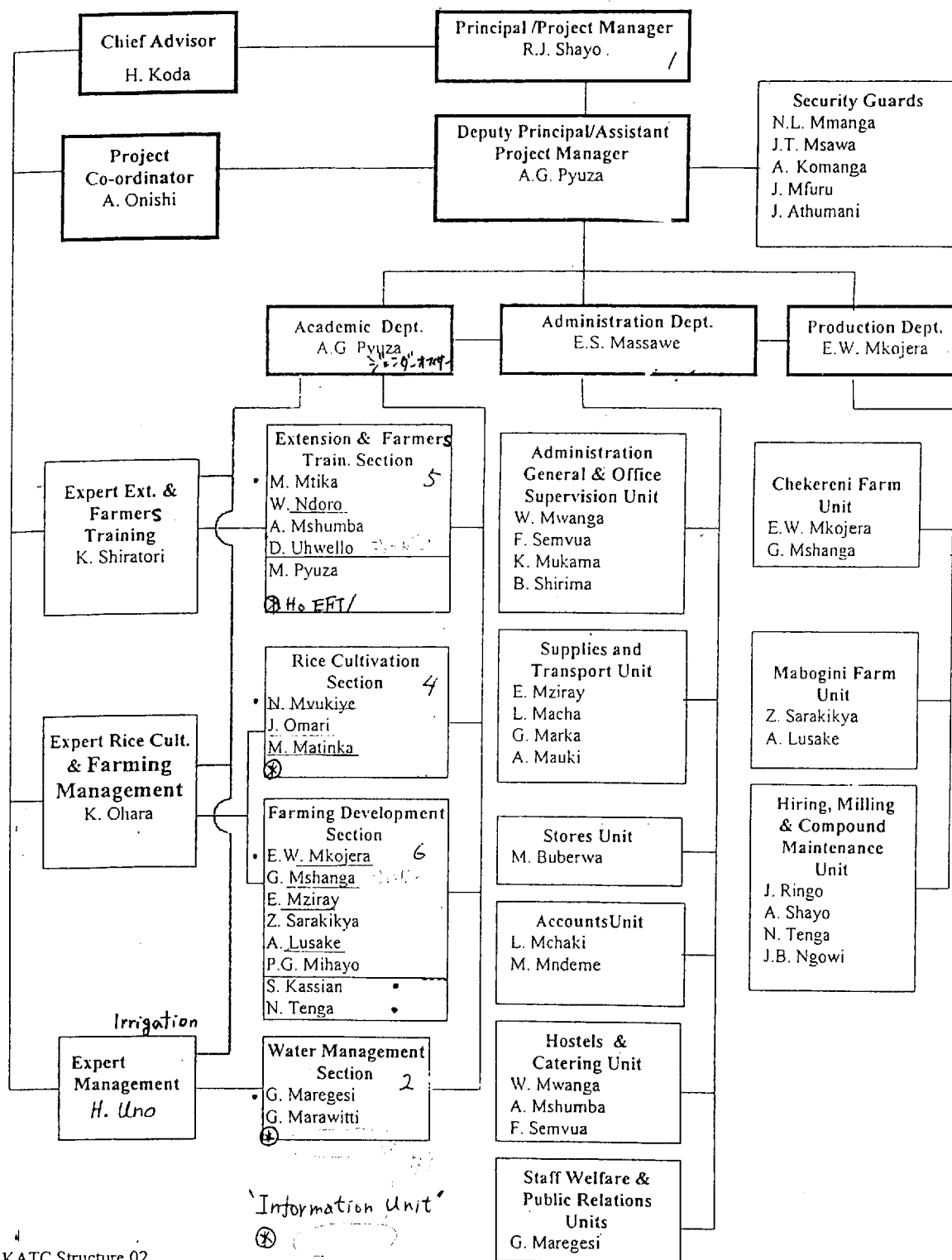
Table 1. Summary of the steps in model sites

Steps	Who participate	What to do	Where	Impact
1	Many farmers	Needs survey Baseline survey	Model site	<ul style="list-style-type: none"> - Farmers' voices are reflected to training programme - Farmers become aware of the programme - Selected farmers will feel responsibility
2	VEO, leaders, Key farmers	Basic training on irrigated rice cultivation and community mobilisation	KATC	<ul style="list-style-type: none"> - Key farmers gain confidence to organise in-field training programme. - Key farmers broaden their views.
3	Intermediately farmers	<ul style="list-style-type: none"> - Practical training on irrigated rice cultivation - Identify problems - Make action plan 	Model site 3 times	<ul style="list-style-type: none"> - Effective with repeated training - Tackle actual problems - Key farmers gain skills to train others - Intermediately farmers learn farmer-to-farmer training
4	VEO, leaders, key farmers and intermediately farmers	Follow-up on extension activities (action plan)	Model site	<ul style="list-style-type: none"> - Farmer-to-farmer extension is practiced - Group work is enhanced - Active use of external information sources by farmers.
5	All the scheme	VEO, leaders, key farmers and intermediately farmers lead other farmers to continue improving the scheme	Model site	<ul style="list-style-type: none"> - Stronger farmer organisation - Sustained farmer owned extension activity - The model site influences other irrigation schemes.

Fig. 2 'Monitoring-evaluation-training-action plan' cycle during the in-field training programme



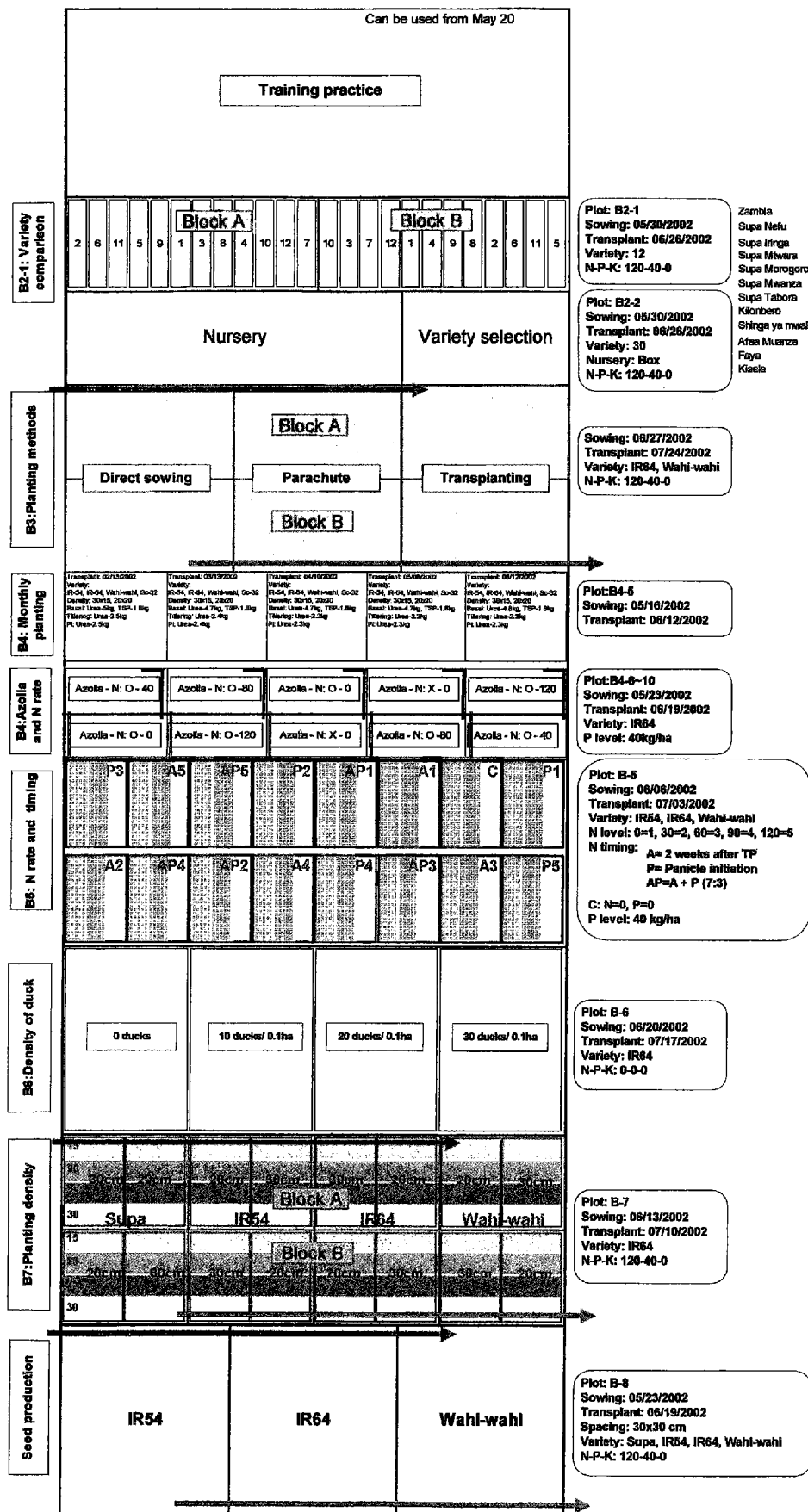
KATC/KATC PHASE II PROJECT ORGANIZATIONAL STRUCTURE



KATC Structure 02
10/16/01

- A: under production / Motivation for Staff / Lent : 0.1 Ra
- B: treat farm / rice cultivation, seed application
- C: upland crops / by hand tractor, by oxen /
- D: --- / Machinery training 0.2 Ra

5 - 3 KATCの圃場試験計画案



KILIMANJARO AGRICULTURAL TRAINING CENTRE
RECURRENT BUDGET ESTIMATES FOR FISCAL YEAR 2001/2002/2003/2004 (PROPOSAL)

PARTICULARS	2001/2002	2002/2003	2003/2004
1. TRAINING COSTS	T.sh	T.sh	T.sh
1.1 Two rice cultivation courses for VEOs	21,600,000	24,000,000	26,666,000.00
1.2 Two water management courses for Irrigation Technicians	20,160,000	22,400,000	24,888,800.00
1.3 One rice mechanization course for Mechanization Officers	3,600,000	4,000,000	4,444,000.00
1.4 Three rice cultivation courses for Key Farmers	21,600,000	24,000,000	26,666,000.00
1.5 One scheme management course for Scheme Managers	2,400,000	2,666,000	2,963,000.00
1.6 One Tractor Operators course	3,600,000	-	-
TOTAL	72,960,000	77,066,000	85,627,800.00
2. COST OF SURVEYS OF IRRIGATION SCHEMES			
2.1 Survey of 40 irrigation schemes by five members of KATC Staff and two drivers (including subsistence allowances, fuel costs and survey material costs)	56,800,000		
2.2 Cost of Follow-up and Outreach Training			12,000,000.00
TOTAL	56,800,000		12,000,000.00
3. TRANSPORT AND TRAVELLING COSTS			
3.1 Travelling on duty	8,000,000	8,889,000	9,876,000.00
3.2 Travelling on leave	3,000,000	3,333,000	3,704,000.00
3.3 Vehicle running and maintenance	12,000,000	13,333,000	14,415,000.00
TOTAL	23,000,000	25,555,000	27,995,000.00
4. COST OF TRIAL ACTIVITIES			
4.1 Laboratory chemicals and other consumables	2,000,000	2,222,000	2,469,000.00
4.2 Casual labour	2,500,000	2,778,000	3,086,000.00
TOTAL	4,500,000	5,000,000	5,555,000.00
5. UPKEEP OF STATION			
5.1 Electricity and water supply	13,000,000	14,444,000	16,049,000.00
5.2 Minor repair and maintenance of buildings	3,000,000	3,333,000	3,704,000.00
5.3 Compound maintenance	3,500,000	3,889,000	4,321,000.00
5.4 Machinery running and maintenance	7,000,000	7,778,000	8,642,000.00
TOTAL	26,500,000	29,444,000	32,716,000.00
GRAND TOTAL	294,560,000.00	197,064,000.00	242,159,800.00

KILIMANJARO AGRICULTURAL TRAINING CENTRE (KATC) MOSHI
DEVELOPMENT BUDGET ESTIMATES FOR FISCAL YEAR 2001/2002/2003/2004

PARTICULARS	2001/2002	2002/2003	2003/2004
	T.sh	T.sh	T.sh
1. BUILDINGS AND STRUCTURES REHABILITATION			
1.1 Painting of 8 grade A houses	5,000,000.00		
1.2 Repair of 5 grade B houses		4,000,000.00	
1.3 Repair of hostel	4,000,000.00		
1.3 Rehabilitation of fence	3,000,000.00		
1.4 Rehabilitation of drainage system	8,000,000.00		
1.5 Rehabilitation of water supply system	2,500,000.00		
1.6 Construction of new paddy plots at Chekereni compound (2.9 ha)		20,000,000.00	
1.7 Construction of paddy plots at Mabogini farm (10 ha)			100,000,000.00
1.8 Rehabilitation of Mabogini Animal Power Unit		30,000,000.00	
1.9 Repair W/buffalo shade	1,000,000.00		
TOTAL	18,500,000.00	54,000,000.00	100,000,000.00
2. EQUIPMENT SUPPLY			
2.1 Purchase of two power tillers (hand tractors) with accessories	10,000,000.00		
2.2 Purchase of ox-drawn implements	5,000,000.00		
2.3 Purchase of two pairs of donkeys	500,000.00		
2.4 Purchase of furniture for new dormitory	2,000,000.00		
2.5 Purchase of photocopy machine		8,000,000.00	
2.6 Purchase of one desk top computer			4,000,000.00
TOTAL	17,500,000.00	8,000,000.00	4,000,000.00
3. CONSTRUCTION			
3.1 Construction of grade B houses (two per year)	60,000,000.00	66,000,000.00	72,600,000.00
3.2 Construction of power line to Mabogini farm		4,000,000.00	
3.3 Construction of borehole and instalation of water pump at Mabogini farm			12,000,000.00
TOTAL	60,000,000.00	70,000,000.00	84,600,000.00
GRAND TOTAL	173,500,000.00	210,000,000.00	277,200,000.00

4/2
Mr. Kapande

Budget allocation to the Training Institutions 2001/2002

MGAWANYO WA FEDHA VYUONI 2001/2002

S/N	JINA LA CHUO Name of Institute	1 ST QUARTER	2 ND QUARTER	3 RD QUARTER	JUMLA TOTAL
1.	MATI UYOLE	8,420,500/=	10,467,671/=	14,242,500/=	33,130,671/=
2.	MATI UKIRIGURU	4,198,000/=	8,055,464/=	11,653,250/=	23,906,714/=
3.	MATI ILONGA	7,509,250/=	7,911,106/=	12,611,250/=	28,031,606/=
4.	MATI MLINGANO	3,362,000/=	6,084,214/=	9,290,200/=	18,736,214/=
5.	MATI IGURUSI	5,923,250/=	5,224,214/=	8,910,000/=	20,057,464/=
6.	MATI MTWARA	3,362,000/=	5,477,430/=	9,090,000/=	17,929,430/=
7.	KATC MOSHI	3,250,000/=	19,501,857/=	20,060,000/=	42,811,857/=
8.	MAKAO MAKUU - MAFS	6,023,000/=	7,774,600/=	9,847,600/=	23,645,200/=
	JUMLA	42,048,000/=	70,496,556/=	95,704,600/=	208,248,156/=

total

MAFS Head office

NB: MATI is a short form for "Ministry of Agriculture Training Institute"

5-5 セルフヘルプファンドの状況

SUMMARY OF SELF HELP FUND ACCOUNTS
FOR JULY - DECEMBER 2001

July 2001

MONTH	INCOME	EXPENDITURE	BALANCE
Brought forward from June			11,131,423.25
TOTAL	20,346,863.00	8,152,307.00	23,325,979.25

August 2001

MONTH	INCOME	EXPENDITURE	BALANCE
Brought forward from July			23,325,979.25
TOTAL	472,440.00	4,679,693.75	19,118,725.50

September 2001

MONTH	INCOME	EXPENDITURE	BALANCE
Brought forward from August			19,118,725.50
TOTAL	776,651.00	2,553,311.00	17,342,065.50

October 2001

MONTH	INCOME	EXPENDITURE	BALANCE
Brought forward from September			17,342,065.50
TOTAL	2,036,477.60	1,957,688.00	17,420,855.10

November 2001

MONTH	INCOME	EXPENDITURE	BALANCE
B/F Brought forward from October			17,420,855.10
TOTAL	164,328.80	3,483,961.04	14,101,222.86

December 2001

MONTH	INCOME	EXPENDITURE	BALANCE
B F Brought forward from November 2001			14,101,222.86
Income for December	143,569.80	1,896,300.79	
TOTAL			12,348,492.66

~~23,940,330.20~~
23,940,330.20

22,723,260.79

**EXPENDITURE REPORT FOR SHF ACCOUNT AS
FROM JULY TO DECEMBER 2001**

Description	Amount	Grand Total
JULY 2001		
Salary in Advance	129,300	
Special imprest purchase of food for courses	2,664,860.00	
Special imprest purchase of O/coats, P/Lids./ C/cps	70,000.00	
Purchase of fuel(diesel)	756,000.00	
TanESCO	562,097.00	
Safari imprest	174,000.00	
Lunch Allowances	10,000.00	
Special imprest purchase of inputs for courses	1,300,000.00	
Special imprest purchase of inputs for IPRI evaluation of rice	250,000.00	
Special imprest purchase of picture of late Presidents Nyerere & Mkapa	13,000.00	
Special imprest purchase of O/roll, H/boots and Diesel for course	373,800.00	
Night Allowances	120,000.00	
Special imprest purchase of stationary and Diesel	214,000.00	
Salary for casual Labour	387,050.00	
Refund purchase of Diesel	42,200.00	
Refund purchase of imputes for course	1,085,000.00	
TOTAL	8,152,307.00	8,152,307.00

AUGUST 2001

Description	Amount	Grand Total
Refund Bus Repair	65,400/=	
Purchase of Diesel	432,000/=	
Teaching Allowance	30,000/=	
Purchasing of stationary	59,200/-	
Lunch Allowance	15,000/-	
Police escort for two months	8,000/-	
Refund fuel. to post a letter DSM Head quarter	13,000/-	
Extra payments)Safari imprest)	6,921/=	
Special imprest purchase of Battery A. Camera	16,000/-	
Tanesco	14,813.75/-	
Special Imprest purchase of food for farmers	296,100/-	
Special Imprest purchase of food for farmers	20,150/-	
Special Imprest purchase of food for Zanzibar Participants	38,000/-	
Special Imprest purchase of Frame	20,000/-	
Special Imprest purchase stamps and Magazine	27,400/=	
Salary for casual Labour	48,000/=	
Honoraria	144,000/-	
Electricity repair	218,400/-	
Purchase of food. medicine for W/buffallo	152,500/-	
Purchase of food for Zanzibar Participants	67,300	
Purchase of food for Songea farmers	178,750/-	
Purchase of overall	63,250/-	
Special imprest to repair car park	45,000/-	
Purchase of fuel (Diesel)	260,000/-	
Refund purchase of oil seal	10,000/-	
Refund repair of car No. 8186	11,200/-	
Refund repair of car no. 8981	35,900/-	
To plant seedling hedge	184,800/-	
Refund purchase of diesel. to post letters. purchase of card	67,499/-	
Refund purchase of flour, tea leaves, sugar oil & milk	6,500/-	
Insurance for TZJ 7623	54,000/-	
Repair kitchen drainage system & L/charges	143,000/-	
Safari Imprest Dodoma	220,000/-	
Special imprest of for production of paddy seeds	177,000/-	
Refund purchase of Manila. L/charge. To post a letter	12,700/-	
Casual labour	387,050/-	
Special imprest purchase of food for PIWM village Ext. officers course	255,300/=	
Night Allowances Dar es salaam	309,000/-	
Night Allowances Arusha	126,000/-	
Night Allowances Mbeya	440,000/-	
TOTAL	4,679,133.75	4,679,133.75

SEPTEMBER 2001

Description	Amount	Grand Total
Purchase of Diesel	208,000/-	
Purchase of solo pump	59,000/-	
Night Allowance	100,000/-	
Special imprest	48,100/-	
Electricity repair	16,800/-	
Special imprest	28,350/-	
Salary for casual Labour	64,428/-	
Refund	32,500/-	
Special imprest	243,400/-	
Night allowance	150,000/-	
Purchase of spare	100,000/-	
TanESCO bill	27,599/-	
To clean a shamba	18,000/-	
Safari imprest Morogoro	26,800/-	
Purchase of T/cartridge	190,000/-	
Purchase of oils	6,000/-	
Construction of women toilet	274,500/-	
Refund	8,600/-	
Salary for casual Labour	474,434/-	
Safari Imprest Mwanza	116,000/-	
Safari imprest Tanga	20,000/-	
Safari Imprest Morogoro	75,000/-	
GRAND TOTAL	2,553,311	2,553,311

OCTOBER 2001

Description	Amount	Grand Total
Enter fee Tanzania Education	6,000/=	
Seven days night Allowance	210,000/=	
Seven days night Allowance	210,000/=	
Repair and Painting	330,000/=	
Extra of safari imprest	39,300/=	
Purchase of stationary	112,000/=	
Special imprest to prepare shamba	291,500/=	
Salary for casual labour	281,888/=	
Maintenance of electricity	420,000/=	
Special imprest purchase of	57,000/=	
TOTAL	1,957,688/=	1,957,688/=

NOVEMBER 2001

Description	Amount	Grand Total
Night allowance	425,000/-	F.Y. 2000/2002
Purchase of Diesel (Deposit)	159,000/-	
Special Imprest	144,200/-	
Advert half page	408,000/-	
Tanesco	63,973.04	
Refund to worker	50,300/-	
Rehabilitation of staff Quarter	800,000/-	
Kihata contribution	20,000/-	
Supervision fee	227,988/-	
Purchase of Diesel (Deposit)	164,700/-	
Special Imprest	83,600/-	
Service and Repair of machine	55,000/-	
To repair toilets	461,750/-	
Salary for casual	208,000/-	
Refund purchase of Diesel of & R	112,450/-	
Registration fee (special imprest)	100,000/-	
TOTAL	3483961.04	3483961.04

DECEMBER 2001

Description	Amount	Grand Total
Purchase of spare	4800.00	
Purchase of stationeries	15,000.00	
Universal Business Director fee for Advertisement	408.00.00	
Labourers wages (salary casual Labour	157,500.00	
Rehabilitation of staff house Mabogini (maksai)	1,250,00.00	
Imprest for purchase of Inputs for production of Water Mellon at C2 plot	61,000.00	
TOTAL	1,896,300.00	

INCOME FOR JULY – DECEMBER 2001

JULY 2001

Description	External Funded Course	Rice cultivation	Milling	Vehicle machinery hire	Producti on farm	Catering Hostel	Secretarial services	Machinery	Grand Total
Chinese 60 bundles @ 100/=					6.000.00				
25 bundles Amaranthus 100/=					2.500.00				
20 bundles swischard @ 100/=					2.000.00				
Ocra 12 bundles @ 100/=					1.200.00				
Egg plant 10kg @ 200/=					2.000.00				
Booklet 1 @ 12000/=		12.000.00							
Cabbage 15 @ 200/=					3.000.00				
Rice 220kg @ 250/=					55.000.00				
Income from RBMS	7.536.000.00								
Hiring of bus 240km @ 860/=				206.400.00					
Income from TPR1		300.000.00							
Income from Course	1.394.863.00								
Income from Madibira	6.252.400.00								
Income from TPR1		300.000.00							
Income from Madibira	4.273.500.00								
TOTAL	19,456,763.00	612,000.00		206,400.00	71,700.00				20,346,863.00

August 2001

Description	External Funded Course	Imprest Retirement	Vehicle machinery hire	Production farm	Catering Hostel	Secretarial Services	Refunds/ Advance	Machinery	Grand Total
Sale of Tomato 56 kgs @ 200				11,200.00					
Sale of Rice 293 kgs @ 270				79,110.00					
Sale of Bran 64kgs @ 20				1,280.00					
Maize milling 96kgs @ 12.50				1,200.00					
Maize hulling 100 kgs @ 12.50				1,250.00					
Maize shelling 10kgs @ 300				3,000.00					
Photocopy 228 copies @ 50						11,400.00			
Catering services					60,030.00				
Paddy processing 347.5 @ 12				4,170.00					
Hiring of Canter 509 km @ 100			50,900.00						
Hiring of P. sheet 1 @ 1500				1,500.00					
Hiring of 60 chairs @ 100				6,000.00					
Income from SMUWC Project RUJEWA	241,400.00								
TOTAL	241,400.00		50,900.00	168,740.00	60,030.00	11,400.00		231,040.00	472,440.00

September 2001

Description	External Funded Course	Rice cultivation	Milling	Vehicle machinery hire	Production farm	Catering Hostel	Secretarial services	Machinery	Grand Total
Video tapes 3 @ 3,000/=							9,000.00		
15 pcs farmers Pictures @ 400/=							6,000.00		
Tomato 85kgs @ 200/=					17,000.00				
Swiss chard 15 bundles @ 100/=					1,500.00				
Chinese cabbage 39 bundles @ 100/=					3,900.00				
Maize shell. 11 bags @ 300/=					3,300.00				
Maize hull. 320kgs @ 12.50					4,000.00				
Maize mill 70kgs @ 12.50					875.00				
Paddy processing 448kgs @ 12					5,376.00				
Hiring of Canter 78km @ 100/=					7,800.00				
Onion 9 sadolin @ 500/=					4,500.00				
Hiring of chair 100 @ 100/=					10,000.00				
Hiring of draying cloth large @ 3,000/=					3,000.00				
Hiring of draying cloth small @ 1500/=					1,500.00				
Sales of bran 15 kgs @ 20/=					300.00				
Hac. rot cultivation		10,000.00							
Income from Ext. Director Karatu	688,600.00								
TOTAL		10,000.00			63,051.00		15,000.00		776,651.00

October 2001

Description	External Funded Course	Imprest Retirement	Vehicle machinery hire	Production farm	Catering Hostel	Secretarial services	Refunds /Advance	Rice cultivation	Grand Total
Maize shell 20 bags @ 300/=				6,000.00					
Canter hire 216Km @ 100/=				21,600.00					
Photocopy 499 Cps @ 50/=						24,950.00			
Hiring of draying cloth large @ 3,000/=				3,000.00					
Hiring of Chair 100 @ 100/=				10,000.00					
1495 kgs Paddy Proc @ 12/=				17,940.00					
Retirement of imprest		8,900.00							
Onion 18kgs @ 333.20/=				5,997.60					
Tomato bundles 35.5kgs @ 100				3,500.00					
10 bundles Amaranthus @ 100/=				1,000.00					
91.2 kgs Water melon @ 200/=				18,240.00					
10 kgs Water melon @ 100/=				1,000.00					
Hiring of 2 hotpot @ 500/=				1,000.00					
Cloth hire @ 1500/=				1,500.00					
Refund salary in Advance							105,000		
Income from RBMSIIP course	936,000								
Income from RBMSIIP course	180,000								
Income from Women group	268,800								
Hiring of Bus Kahe secondary			120,000.00					300,000.00	
Income from TPR1									
Sale of bran				2,000.00					
TOTAL	1,384,800	8,900.00	120,000.00	92,827.60		24,950.00	105,000.00	300,000.00	2,036,477.60

November 2001

Description	External Funded Course	Imprest Retirement	Milling	Vehicle machinery hire	Production farm	Catering Hostel	Refunds /Advance	Machinery	Grand Total
Water melon 153.2 kgs @ 200					30,640.00				
Egg plant 156kgs @ 60					9,360.00				
Amaranthus 10banches @ 100					1,000.00				
Onion 9 kgs @ 333.20					2,998.80				
Paddy Production 129 kgs @ 12					15,540.00				
Sale of rice bran 117 @ 20					2,340.00				
Hiring of canter 83 km @ 100					8,300.00				
Hiring of chair 100 chair @ 100					10,000.00				
Hiring of 2 draying cloth large @ 3,000					6,000.00				
Hiring of 2 draying cloth small @ 1500					3,000.00				
Tractor puddling 0.3 hactre				24,900.00					
Maize milling 20 kgs @ 12.50					250.00				
Refund salary in advance							50,000.00		
TOTAL				24,900.00	89,428.80.00		50,000.00		164,328.80

December 2001

Description	External Funded Course	Imprest Retirement	Milling	Vehicle machinery hire	Production farm	Catering Hostel	Refunds /Advance	Secretarial Services	Grand Total
Photocopies 458 copies								22,900/=	
Paddy processing 4.176 kgs @ 14					58464.00				
Paddy Processing 980 kgs					11,760.00				
Hiring drying cloth small 3 @ 1500/=				4,500.00					
Maize hulling 155 kgs @ 12.5					1,937.50				
Maize mill 17 kgs @ 12.5					212.50				
Sales of Rice bran 125 kgs @ 20					2,500.00				
Sales of Onion 31.5 kgs @ 33.20					10,495.80				
Sales of Egg plant 160kgs @ 25					4,000.00				
Hiring canter 58 km @ 100/=				5,800.00					
Hiring chairs 50 @ 100				5,000.00					
Sales of Tomato 4 crates @ 4000/=					16,000.00				
TOTAL				15,300.00	105,369.80			22,900.00	143,569.80/=

**SUMMARY OF SELF HELP FUND ACCOUNTS
FOR JANUARY 2002**

January 2002

MONTH	INCOME	EXPENDITURE	BALANCE
Balance brought forward from December 2001			12,348,492. 00 66
Income for January 2002	90,280.00		
Expenditure for Jan. 2002		1,182,228.24	
Balance as per 31 st January 2002			11,256,543.76 <u>544.42</u>

**EXPENDITURE REPORT FOR SHF ACCOUNT AS
FROM JANUARY 2002**

JANUARY 2002

Description	Amount	Grand Total
Purchase of National flag	13,125.00	
Night allowance to Dar Es Salaam	354,000.00	
Entertainment for visitor from Head Quarter and JICA Tanzania office	94,700.00	
Traveling on leave refund	66,000.00	
Out fit allowance for two staff @ 50,000/=	100,000.00	
Taneseo bill	278,103.00	
Salary for casual labourers	266,800.00	
Bank charges	4,500.00	
TOTAL	1,182,228.24	

INCOME FOR JANUARY 2002

January 2002

Description	External Funded Course	Imprest Retirement	Milling	Vehicle machinery hire	Production farm	Catering Hostel	Refunds /Advance	Secretarial Services	Grand Total
Sales of Bran 130kgs @ 20/=			2,600.00						
Paddy Processing 1.770 @ 14/=			24,780.00						
Paddy drying. 35 bags @ 100/=			3,500.00						
Hiring decorations: 1 day @ 1,500/=			1,500.00						
Hiring cooking pans: 2 @ 1000/=			2,000.00						
Hiring of Power tiller 0.5ha. 106 copies photocopy @ 50/=			25,000.00					5,300.00	
Hiring canter truck @ 156 Km. @ 100/=			15,600.00						
Hiring of chairs @ 100/=			10,000.00						
TOTAL			84,980.00						90,280.00

**SUMMARY OF SELF HELP FUND ACCOUNTS
FOR FEBRUARY 2002**

FEBRUARY 2002

MONTH	INCOME	EXPENDITURE	BALANCE
Balance brought forward from January			11,256,544.42 11,56,43.76
TOTAL	2,653,386.40	1,662,226.85	
Balance as per 31 st February 2002			12,247,703.31

97

**EXPENDITURE REPORT FOR SHF ACCOUNT AS
FROM FEBRUARY 2002**

Description	Amount	Grand Total
TanESCO bill	40,771.80	
Vaccination for Buffalo	91,000.00	
Salary and lunch allowance	40,866.80	
Night allowances	476,600.00	
To print calendars	160,000.00	
Refunds of; outfit allowance, registration fee, Taxi fare, postage and purchase of fuel	150,550.00	
Special imprints; purchase of Diesel and stationery	418,770.00	
Salary for casual	283,668.25	
TOTAL	1,662,226.85	1,662,226.85

INCOME FOR THE MONTH OF FEBRUARY 2002

Description	External Funded Course	Imprest Retirement	Milling	Vehicle Machinery hire	Production Farm	Catering Hostel	External Funded	Secretarial Services	Grand Total
Food and accomodation						37,500.00			
Hiring of canter truck 457km @ 100/-					45,700.00				
Paddy processing 1542kgs @ 14					21,588.00				
Hiring of Power tiller 3 acres @ 25,000/-					75,000.00				
Sales of bran 30 kgs @ 20/-					600.00				
Water mellon 52.5kgs @ 200/-					10,500.00				
72 pcs water m. @ 1,000/-					72,000.00				
40 pcs water m. @ 500/-					20,000.00				
12kgs sale of onion @ 333.20					3,998.40				
Curator telegraphic transfer							601,500.00		
Retirement of imprest		10,000.00							
Sales of female goat					12,000.00				
Sales of male goat					13,000.00				
Sales of 4 female goats@10,000					40,000.00				
Sales of male goats					8,000.00				
Sales of male goat					12,000.00				
Accomodation for student 18 x 35days x 1000/-	630,000.00								
Income from accomodation	1,040,000.00								
TOTAL	1,707,500.00				334,386.40		601,500.00		2,653,386.40

SUMMARY OF SELF HELP FUND ACCOUNTS

MARCH 2002

MONTH	INCOME	EXPENDITURE	BALANCE
Balance brought forward from February			12,247,703. ⁰⁹ 31
TOTAL	1,372,304.00	2,079,563.00	
Balance as per 31 st March 2002			11,540,444.⁹⁷31

**EXPENDITURE REPORT FOR SHF ACCOUNT AS
FROM MARCH 2002**

Description	Amount	Grand Total
Special imprest purchase of; Diesel, V. Belt and stationery	358,300.00	
Special imprest; maize, sun flower production	1,227,800.00	
Tanesco	91,883.00	
Sewage water disposal	200,000.00	
Refund purchase of; Diesel, Marker pen, Top plug and Lunch allowance	201,580.00	
TOTAL	2,079,563.00	2,079,563.00

INCOME FOR THE MONTH OF MARCH

Description	External Funded Course	Imprest Retirement	Milling	Vehicle Machinery hire	Production Farm	Catering Hostel	External Funded	Secretarial Services	Grand Total
Hiring of Canter 361 km @ 100/-					36,100.00				
Paddy processing 1776kgs @ 14/-					24,864.00				
Sales of gilt goat					10,000.00				
Photocopying 110 copies @ 50/-								5,500.00	
Sale of bran 30 kgs @ 20/-					600.00				
Hiring of power tiller 2 acres @ 2500/-	50,000.00								
Meals 9 days @ 2000/-						18,000.00			
Boarding 15days x 3,000/-						45,000.00			
Water mellon 53 pes @ 500/-					26,500.00				
Water mellon 39pes @ 1000/-					39,000.00				
Sale of maize 1430 kgs @ 120/-					171,600.00				
Ducks 2 @ 3000/-					3,000.00				
Retirement of imprest		600.00							
Hiring of Bus 408km @ 300/-					122,400.00				
Accomodation 3 person x 35 days x 1000/-						105,000.00			
Accomodation 1 person x 10days x 1000/-						10,000.00			
Institutional fee							140,000.00		
Hiring of car 14days @ 11,000/-					155,000.00				
Income from ASPS course							407,140.00		
TOTAL		600.00			641,064.00	178,000.00	547,140.00	5,500.00	1,372,304.00

SUMMARY OF SELF HELP FUND ACCOUNTS

APRIL 2002

MONTH	INCOME	EXPENDITURE	BALANCE
Balance brought forward from March			11,540,444. ⁹⁷ 31
TOTAL	450,292.00	1,232,560.00	
Balance as per 31 st April 2002			10,758,176.⁹⁷31

Total
(July - April)

28,506,592.60 28,879,838.88

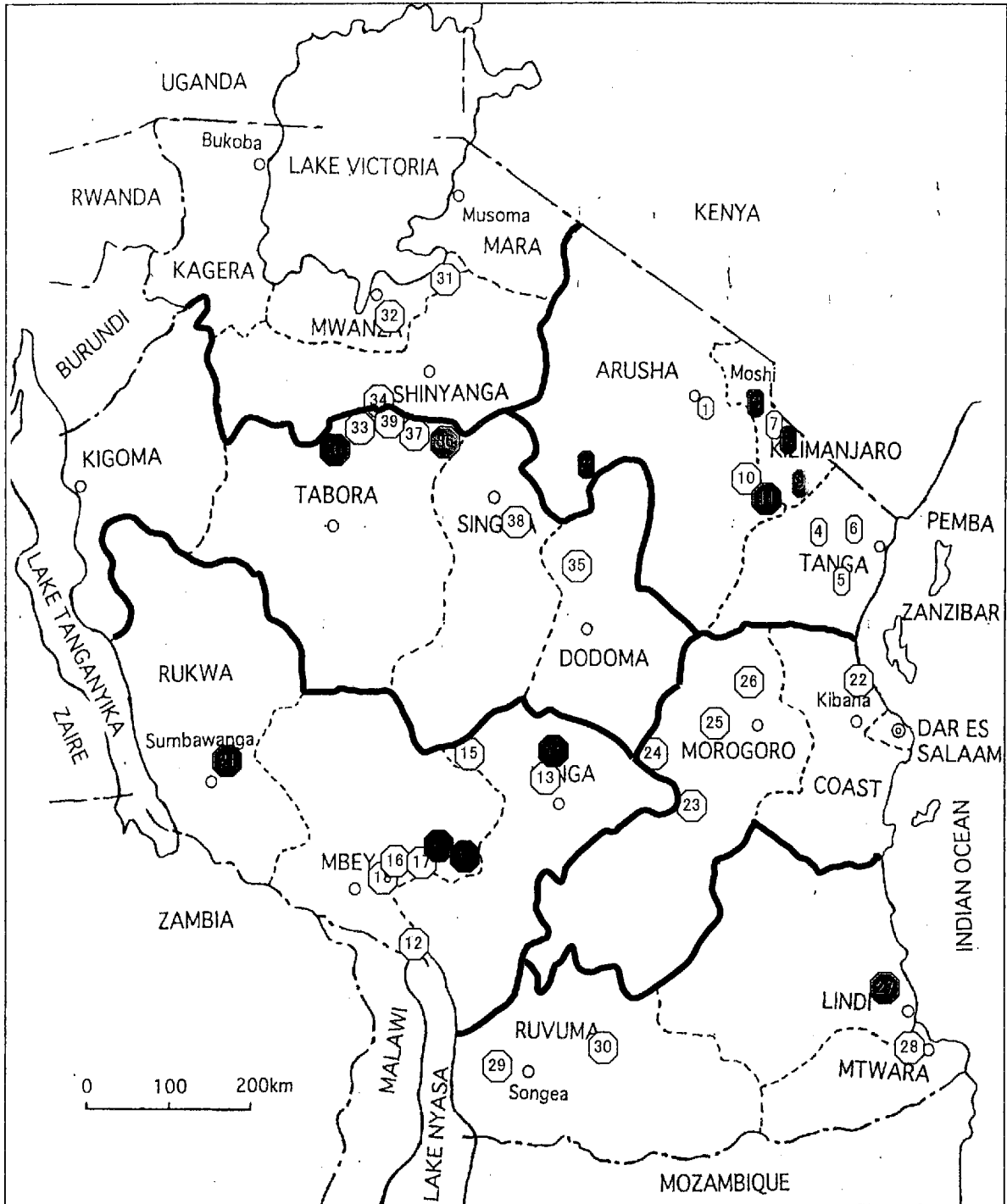
EXPENDITURE REPORT FOR SHF ACCOUNT AS APRIL 2002

Description	Amount	Grand Total
Purchase of coffin for late	120,000.00	
Refund repair of computer	128,960.00	
To maintain grass for 4 month	480,000.00	
Refund purchase of Diesel	103,600.00	
Special imprest purchase of; sunflower seeds, diesel and labour	400,000.00	
TOTAL	1,232,560.00	1,232,560.00

INCOME FOR THE MONTH OF APRIL

Description	External Funded Course	Imprest Retirement	Milling	Vehicle Machinery hire	Production Farm	Catering Hostel	External Funded	Secretarial Services	Grand Total
Hiring of car STJ 3104 – 35 days x 1000					385,000.00				
Retirement of imprest		2,990.00							
Paddy production 2423 @ 14					33,922.00				
Sale of bran 94 kgs @ 20					1,880.0				
Hiring of chair 100 @ 100					10,000.00				
Hiring of D. cloth L @ 3000					3,000.00				
Hiring of D. cloth S. @ 1500					1500.00				
Photocopy 240 cps @ 50								12,000.00	
TOTAL									450,292.00

IRRIGATION SCHEMES (40) SELECTED FOR KATC II PROJECT



- | | | | |
|----------------|-----------------|-------------|--------------|
| 1 Lekitatu | 11 Ngage | 21 Kazaroho | 31 Misungwi |
| 2 Gichamedia | 12 Mapogoro | 22 Bagamoyo | 32 Igongwa |
| 3 Kikafu Chini | 13 Luganga | 23 Mkula | 33 Ndunguti |
| 4 Mombo | 14 Tungamalenge | 24 Mwege | 34 Nsalala |
| 5 Mahenge | 15 Madibira | 25 Lumuma | 35 Bahi |
| 6 Kitivo | 16 Motombaya | 26 Mkindo | 36 Mwamapuli |
| 7 Soko | 17 Mswiswi | 27 Kinyope | 37 Choma cha |
| 8 Kivulini | 18 Majengo | 28 Kitere | 38 Chikuyu |
| 9 Ndungu | 19 Mbuyuni | 29 Nakahuga | 39 Nata |
| 10 Lemkuna | 20 Maendeleo | 30 Kitanda | 40 Bukene |

Introductory Training Courses for 40 Irrigation Scheme

No.	Date	Zone				
1	21 Jan - 1 Feb	Kilimanjaro				
2	18 Feb - 1 Mar	Morogoro, Mtwara				
3	4 Mar - 15 Mar	Mbeya				
4	18 Mar - 29 mar	Mwanza, Tabora				

	Scheme Name	Ex. Part.	Zone	District	Area (ha)	Course no.
1	Lekitatu	*	Kilimanjaro	Arumeru	464	1
2	Gichamedia		Kilimanjaro	Babati	480	1
3	Kikafu Chini	*	Kilimanjaro	Hai	641	1
4	Mombo	*	Kilimanjaro	Korogwe	220	1
5	Mahenge	*	Kilimanjaro	Korogwe	300	1
6	Kitivo	*	Kilimanjaro	Lushoto	540	1
7	Soko	*	Kilimanjaro	Moshi Rural	370	1
8	Kivulini	*	Kilimanjaro	Mwanga	410	1
9	Ndungu	*	Kilimanjaro	Same	680	1
11	Ngage		Kilimanjaro	Simanjiro	420	1
10	Lemkuna	*	Kilimanjaro	Simanjiro	430	2
22	Bagamoyo	*	Morogoro	Bagamoyo	108	2
23	Mkula		Morogoro	Kilombero	159	2
24	Mwega		Morogoro	Kilosa	580	2
25	Lumuma	*	Morogoro	Kilosa	980	2
26	Mkindo	*	Morogoro	Morogoro	60	2
27	Kinyope		Mtwara	Lindi	726	2
28	Kitere	*	Mtwara	Mtwara	946	2
29	Nakahuga		Mtwara	Songea	300	2
30	Kitanda	*	Mtwara	Songea	100	2
12	Mapogoro		Mbeya	Ileje	150	3
13	Luganga		Mbeya	Iringa	300	3
14	Tungamalenge	*	Mbeya	Iringa	370	3
15	Madibira	*	Mbeya	Mbarali	3000	3
16	Motombaya		Mbeya	Mbarali	600	3
17	Mswiswi		Mbeya	Mbarali	700	3
18	Majengo		Mbeya	Mbarali	550	3
19	Mbuyuni	*	Mbeya	Mbarali	1500	3
20	Maendeleo		Mbeya	Mbarali	400	3
21	Kifinga		Mbeya	Sumbawanga	120	3
31	Misungwi	*	Mwanza	Magu	150	4
32	Igongwa		Mwanza	Misungwi	200	4
33	Nduguti	*	Mwanza	Shinyanga	150	4
34	Nsalala	*	Mwanza	Shinyanga	200	4
35	Bahi	*	Tabora	Dodoma	600	4
36	Mwamapuli		Tabora	Igunga	630	4
37	Choma cha Nkola	*	Tabora	Igunga	400	4
38	Chikuyu	*	Tabora	Manyoni	350	4
39	Nata	*	Tabora	Nzega	300	4
40	Bukene		Tabora	Nzega	100	4

Profiles of selected 40 irrigation schemes

	Scheme Name	Ex. Part.	Zone	District	Area (ha)	No. of farmers	Main crop	Scheme owner	Scheme type	Operation	Water right	Water source	Water abstraction	Plots owner	Farmers organisation	External assistance	Remarks
1	Lekitatu	*	Kilimanjaro	Arumeru	484		paddy, maize	farmers	under improvement	fully	acquired	permanent	gravity	farmers	UWAMALE Coop.	RBMSIIP	
2	Gichamede		Kilimanjaro	Babati	480		paddy, maize	farmers	p. improved	partially	process	permanent	gravity	farmers	being formed	PIDP proposed	
3	Kikafu Chini	*	Kilimanjaro	Hai	641		paddy, beans, onions, maize	farmers	p. improved	fully	acquired	permanent	gravity	farmers	UWALICHI	UNDP, NORAD	
4	Mombo	*	Kilimanjaro	Korogwe	220		paddy	farmers	improved	fully	acquired	permanent	gravity	farmers	Mombo Irrigation Scheme Coop.	RBMSIIP	
5	Mahenge	*	Kilimanjaro	Korogwe	300		paddy	farmers	under improvement	fully	acquired	permanent	gravity	farmers	Kumekucha Mkulima Coop. S.Society	RBMSIIP	
6	Kitivo	*	Kilimanjaro	Lushoto	540		paddy	farmers	improved	partially	acquired	permanent	gravity	farmers	Kitivo Irrigation Scheme Cooperative Society	AfDB proposed	
7	Soko	*	Kilimanjaro	Moshi Rural	370		paddy	farmers	p. improved	fully	acquired	permanent	gravity	farmers	UWASO	RBMSIIP	
8	Kivulini	*	Kilimanjaro	Mwanga	410		paddy, beans, maize	farmers	p. improved	fully	process	permanent	gravity	farmers	being formed	RBMSIIP	
9	Ndungu	*	Kilimanjaro	Same	680		paddy	farmers	modern	fully	acquired	permanent	gravity	farmers	CHAWAMPY	JICA	
10	Lemkuna	*	Kilimanjaro	Simanjiro	430		paddy	farmers	under improvement	fully	acquired	permanent	gravity	farmers	UWALE Coop.	RBMSIIP	flood
11	Ngage		Kilimanjaro	Simanjiro	420		paddy, maize, onion	farmers	p. improved	fully	process	permanent	gravity	farmers	being formed	RBMSIIP	
12	Mapogoro		Mbeya	Ileje	150		paddy	farmers	improved	partially	acquired	permanent	gravity	farmers	Irrigators Cooperative		
13	Luganga		Mbeya	Iringa	300		paddy	farmers	improved	partially (operational soon)	acquired	permanent	gravity	farmers	Irrigators Cooperative	RBMSIIP	
14	Tungamalenge	*	Mbeya	Iringa	370		paddy	farmers	p. improved	partially	acquired	permanent	gravity	farmers	Irrigators Cooperative	RBMSIIP	
15	Madibira	*	Mbeya	Mbarali	3000		paddy	farmers	improved	fully	acquired	permanent	gravity	farmers	Irrigators Cooperative	ADB	
16	Motombaya		Mbeya	Mbarali	600		paddy	farmers	improved	fully	acquired	permanent	gravity	farmers	Irrigators Cooperative	FAO - 1989	

Profiles of selected 40 irrigation schemes

	Scheme Name	Ex. Part.	Zone	District	Area (ha)	No. of farmers	Main crop	Scheme owner	Scheme type	Operation	Water right	Water source	Water abstraction	Plots owner	Farmers organisation	External assistance	Remarks
17	Mswiswi		Mbeya	Mbarali	700		paddy	farmers	improved	partially	acquired	permanent	gravity	farmers	Irrigators Cooperative		
18	Majengo		Mbeya	Mbarali	550		paddy	farmers	improved	partially	acquired	permanent	gravity	farmers	Irrigators Cooperative		
19	Mbuyuni	*	Mbeya	Mbarali	1500		paddy	farmers	p. improved	partially	acquired	permanent	gravity	farmers	Irrigators Cooperative		
20	Maendeleo		Mbeya	Mbarali	400		paddy	farmers	p. improved	partially	acquired	seasonal	gravity	farmers	Irrigators Cooperative		
21	Kifunga		Mbeya	Sumbawanga	120		paddy	farmers	p. improved	partially	process	permanent	gravity	farmers	Irrigators Cooperative		
22	Bagamoyo	*	Morogoro	Bagamoyo	108		paddy	farmers	improved	fully	acquired	permanent	pump	farmers	WUA?	JICA	
23	Mkula		Morogoro	Kilombero	159						process					(JICA-SIP CWB)	
24	Mwega		Morogoro	Kilosa	580		paddy, beans, onions, maize	farmers	improved	fully by 2002	acquired	permanent	gravity	farmers	WUA?	JICA	
25	Lumuma	*	Morogoro	Kilosa	980		paddy, beans, onions, maize	farmers	improved	fully by 2002	acquired?	permanent	gravity	farmers	WUA?	ASPS (JICA-SIP CWB)	
26	Mkindo	*	Morogoro	Morogoro	80		paddy	farmers	improved	fully	acquired	permanent	gravity	farmers	WUA?	GOT?	
27	Kinyope		Mtwara	Lindi	726		paddy	farmers	modern	fully	process	permanent					
28	Kitere	*	Mtwara	Mtwara	946						process						
29	Nakahunga		Mtwara	Songea	300						process						
30	Kitanda	*	Mtwara	Songea	100										being formed	DRDP?	
31	Msingwi	*	Mwanza	Magu	150		paddy	WUA	improved	partially	process	seasonal	gravity	farmers	WUA		water shortage
32	Igongwa		Mwanza	Misungwi	200		paddy	WUA	improved	fully	process	seasonal	gravity	farmers	Igongwa	IFAD	
33	Ndunguti	*	Mwanza	Shinyanga	150		paddy	WUA	improved partially		process	seasonal	gravity	farmers	Ndunguti WUA	IFAD (2000)	
34	Nsalala	*	Mwanza	Shinyanga	200		paddy	WUA	improved	partially	process	seasonal	gravity	farmers	Nsalala WUA	IFAD (2000)	
35	Bahi	*	Tabora	Dodoma	600		paddy	farmers	improved	fully	process	seasonal	gravity	farmers have no title	WUA	PIDP	
36	Mwamapuli		Tabora	Igunga	630		paddy	MAFS	modern	fully	process	permanent	gravity	farmers have no title	WUA?		handed over to DED soon
37	Choma cha Nkola	*	Tabora	Igunga	400		paddy	farmers	improved	fully	no	seasonal	gravity	farmers have no title	WUA	PIDP	

Profiles of selected 40 irrigation schemes

	Scheme Name	Ex. Part.	Zone	District	Area (ha)	No. of farmers	Main crop	Scheme owner	Scheme type	Operation	Water right	Water source	Water abstraction	Plots owner	Farmers organisation	External assistance	Remarks
38	Chikuyu	*	Tabora	Manyoni	350		paddy	farmers	improved	fully	process	seasonal	gravity	farmers have no title	WUA		
39	Nata	*	Tabora	Nzega	300		paddy	farmers	improved	partially	process	seasonal	gravity	farmers have no title	WUA	PIDP	water shortage
40	Bukene		Tabora	Nzega	100		paddy	farmers	p. improved	partially	process	permanent	gravity	farmers	WUA	JICA	

404

No.	1	2	3	7	
				Number of women and men in the irrigators' organization	
	Scheme Name	Zone	District	Femele	Men
1	LEKITATU	Kilimanjaro	Arumeru	40	70
2	MKOMBAZI (a part of Gichamedia)	Kilimanjaro	Babati *	127	227
3	KIKAFU CHINI	Kilimanjaro	Hai	21	64
4	MOMBO	Kilimanjaro	Korogwe	296	133
5	MAHENGE	Kilimanjaro	Korogwe	120	353
6	KITIVO	Kilimanjaro	Lushoto	-	-
7	SOKO	Kilimanjaro	Moshi rural	36	100
8	KIVULINI	Kilimanjaro	Mwanga	320	480
9	NUDUNGU	Kilimanjaro	Same	7	156
10	NGAGE	Kilimanjaro	Simanjiro	10	40
11	LEMUKUNA	Kilimanjaro	Simanjiro	12	39
12	BAGAMOYO	Morogoro	Bagamoyo	70	53
13	MKULA	Morogoro	Kilombero	9	47
14	MWEGA	Morogoro	Kilosa	177 (active)	444 (active)
15	LUMUMA	Morogoro	Kilosa	85	475
16	MKINDO	Morogoro	Morogoro	19 (maybe active)	34 (maybe active)
17	KINYOPE	Mtwara	Lindi	70	98
18	KITERE	Mtwara	Songea	30	190
19	NAKAHUGA	Mtwara	Songea	-	-
20	KITANDA	Mtwara	Songea	27	25
21	MAPOGORO	Mbeya	Ileje	135	153
22	LUGANGA	Mbeya	Iringa	20	60
23	TUNGAMALENGA	Mbeya	Iringa	7	45
24	MADIBIRA	Mbeya	Mbarali	-	-
25	MTOMBAYA	Mbeya	Mbarali	70 (maybe active)	105 (maybe active)
26	MSWISWI	Mbeya	Mbarali	-	-
27	MAJENGO	Mbeya	Mbarali	-	-
28	MBUYUNI	Mbeya	Mbarali	-	-
29	MAENDELEDO	Mbeya	Mbarali	150	206
30	KAZARHO	Mbeya	Sumbawanga	-	-
31	MISUNGWI	Mwanza	Magu	5	8
32	IGONGWA	Mwanza	Msungwi	144	142
33	NDUNGUTI	Mwanza	Shinyanga	274	424
34	NASALALA	Mwanza	Shinyanga	7	13
35	BAHI	Tabora	Dodoma	409	678
36	MWAMAPULI	Tabora	Igunga	165	720
37	CHOMA CHA NKOLA	Tabora	Igunga	90	210
38	CHIKUYU	Tabora	Manyoni	74	178
39	NATA	Tabora	Nzega	470	529
40	BWKENE	Tabora	Nzega	-	-

**TIMETABLE FOR PARTICIPATORY IRRIGATION SCHEME MANAGEMENT COURSE
FROM (18TH MARCH - 29TH March 2002)**

DATE	8.00 - 8.55	9.00 - 9.55		10.30 - 11.25	11.30 - 12.25		1.25 - 2.20	2.25 - 3.20	3.25 - 4.20	4.25-5.20	
18/3	Registration & Opening	Rice morphology and growth stages (T)	T E A C H E R E B R E A K	Rice morphology & growth stages (P)	Rice yield and its components (T)	L U N C H B R E A K	Rice yield and its components	General management of rice crop (T)	Seed preparation (T & P)	Farm Survey (T)	
19/3	Seedbed preparation and sowing (T & P)	Rice crop establishment (P)		Rice crop establishment (P)	Rice crop establishment (P)		WASHING & LUNCH	Fertilizer and Pest Management (T & P)	Fertilizer and Pest Management (T & P)		
20/3	Water Management (T)	Operation and Maintenance of Irrigation facilities and structures (T)		Management of irrigation schemes through Irrigators Associations (T)	Water Management (P)		Water Management (P)	Operation and Maintenance of Irrigation facilities and structures (P)	Operation and Maintenance of Irrigation facilities and structures (P)		
21/3	Management of irrigation schemes through Irrigators Associations (P)	Management of irrigation schemes through Irrigators Associations (P)		Farm Machinery (Field operations) (T)	Machinery Maintenance and Tool Management (T)		Farm Machinery (Field operations) (P)	Farm Machinery (Field operations) (P)	Machinery Maintenance and Tool Management (P)		
22/3	Gender in irrigated rice farming (T&P)	Marketing strategy (T&P)		Community leadership and groups (T)	Community leadership and groups (P)		Savings and Credit facilities (T&P)	Farm record keeping (T&P)	Waterborne diseases and their control (T)		
23/3	STUDY TOUR			STUDY TOUR			STUDY TOUR				
24/3	FREE		FREE		FREE						
25/3	Waterborne diseases and their control (P)	PRA Introduction (T)	PRA Roles & Tools (T)	PRA Tools (T)	PRA Tools (P)	PRA Tools (P)	PRA Tools (P)				
26/3	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Review	LUNCH BREAK				
27/3	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Field Practice	PRA Review	LUNCH BREAK				
28/3	Farm survey	Farm survey	Farm survey	Farm survey	Farm survey	Farm survey	Farm survey	Farm survey			
29/3	PRA EVALUATION			Post harvest Activities (T)	Post harvest Activities (P)	L U N C H	EVALUATION	CLOSING CEREMONY			