Annex 5-1 Assignment of Tanzanian Counterpart Personnel

Nam	e .	Position		iod to KATC To	Expert in charge		ATC To	Remarks
Mr.	P.Liymo	PS, MAFC	Jan.2006	~	Mr. Ota		N.A.	Head of Project
Mr.	W.Ngirwa	PS, MAFS	Oct.2001	Jan.2006	Mr. Koda Mr. Yamada	N.A.	N.A.	ditto
Mr.	R.S.Kapande	ADRT, MAFS	Oct.2001	~	Mr. Koda Mr. Yamada	N.A.	N.A.	Project Director
Mr.	R.J.Shayo	Principal, KATC	Oct.2001	 - 	Mr. Koda Mr. Yamada	Aug. 1994	j !	Project Manager
Mr.	A,G.Pyuza	Head, Academic Dept.	Oct.2001	[~ [Mr. Onishi Mr. Asai	Aug. 1994	~	Project Asst.Manager, Deputy Principal,
Mr.	E.S.Massawe	Head, Production Dept.	Oct. 2001	~	N.A.		~	
Mr.	Z.Sarakikya	Tutor, Farming Development	Oct. 2001	Dec. 2002	Mr. Ohara	Aug. 1994	~	Promoted to Administration Dept. Head
		Head, Administration Dept	Jan. 2003	~	N.A.		i 	
Mr.	G.Maregesi	Head, Water Management	Oct. 2001	~	Mr. Uno, Mr. Inoue	Aug. 1994	~	
	i	Head, Curriculum Development Unit	Jan. 2003	Oct. 2005	N.A.			Concurrently assigned as Head of WM. Released in Oct. 2005
		Chief Editor, KATC	Nov. 2005	~	N.A.		 - - - -	Concurrently assigned as Head of WM.
Mr.	G.Marawitti	Tutor, Water Management	Oct. 2001	~	Mr. Uno, Mr. Inoue	Aug. 1995	1	
Mr.	P.Mawere	Tutor, Water Management	Oct. 2002	~	Mr. Uno, Mr. Inoue	Oct. 2002	~	
Mr.	H.Msemo	Tutor, Water Management	Jan. 2003	Oct. 2005	Mr. Uno, Mr. Inoue	Jan. 2003	~	Transferred to EFT
		Head, Extension and Farmers Training	Nov. 2005	~	Dr. Aikawa]		Transferred from WM
Mr.	E.S.Chuma	Head, Extension and Farmers Training	Jan. 2003	Oct. 2005	Mr. Ohno, Dr. Aikawa	Jan. 2003	~	Currently studying at SUA from Oct. 2005
Mr.	W.Ndoro	Tutor, Extension and Farmers Training	Oct. 2001	~	Mr. Shiratori, Mr. Ohno,	Aug. 1994	~	
Ms.	A.Mushumba		Oct. 2001	July 2005	Mr. Shiratori, Mr. Ohno,	Dec. 1998	July 2005	Deceased
Mr.	A.E.Kissinga	Tutor, Extension and Farmers Training	Jan, 2003	Oct. 2005	Mr. Ohno, Dr. Aikawa		~	Currently studying at SUA from Oct. 2005
Ms.	M.Mtika	Tutor, Extension and Farmers Training	Oct. 2001	Jan. 2003	Mr. Shiratori, Mr. Ohno	Aug. 1994	~	Transferred to CDU
		Tutor, Curriculum Development Unit	Jan. 2003	Nov. 2004	N.A.		! ! !	Transferred to ICDU
		Tutor, Information and Curriculum Development	Dec. 2004	~	Mr. Asai			
Mr.	D.Uhwello	Tutor, Extension and Farmers Training	Apr. 2002	Nov. 2005	Mr. Shiratori, Mr. Ohno,	Арг. 2002	~	Gender assistant. Transferred to CDU
		Tutor, Curriculum Development Unit	Jan. 2003	Nov. 2005	N.A.			Transferred to ICDU
		Tutor, Information and Curriculum Development	Dec. 2004	Feb. 2006	Mr. Asai			
Mr.	E.W.Mkojera	Head, Farming Development	Oct. 2001	~	Mr. Ohara	Oct. 2001	~	
Mr.	E.Mziray	Tutor, Farming Development	Oct. 2001	~	Mr. Ohara	Aug. 1994	~	
Мг.	P.G.Mihayo	Tutor, Farming Development	Oct. 2001	~	Mr. Ohara	Oct. 2001	~	
Mr.	A.Lusake	Tutor, Farming Development	Oct. 2001	2004	Mr. Ohara	Nov. 1998	<u>1</u> 1 1 1	Transferred to Tabora, Zonal Irrg. Office
Ms.	G.Mshanga	Tutor, Farming Development	Oct. 2001	Nov. 2004	Mr. Ohara	Aug. 1994	~	Transferred to RC
		Tutor, Rice Cultivation	Dec. 2004	~	Mr. Ohara		1 	Transferred from FD
		Tutor, Extension and Farmers Training	Nov. 2005	~	Mr. Shiratori, Mr. Ohno,	1	: ! !	Gender assistant. Transferred from RC





Mr.	N.Shauritanga	Tutor, Farming Development	Jan. 2003	Oct. 2005	Mr. Ohara	Jan. 2003	~	
		Head, Information and Curriculum Development	Nov. 2005	~	Mr. Asai			Transferred from FD
Mr.	N.Mvukiye	Head, Rice Cultivation	Oct. 2001	Sep. 2002	Mr. Ohara	Aug. 1995	Sep. 2002	Transferred to Dakawa Research Centre
Mr.	J.Omari	Tutor, Rice Cultivation	Oct. 2001	Jun. 2003	Mr. Ohara	Sept. 1995	Jun. 2003	Transferred to Same DED
Mr.	M.Matinka	Tutor, Rice Cultivation	Oct. 2001	~	Mr. Ohara	Nov. 1998	~	Currently studying at SUA
Mr.	W.Mwinyi	Head, Rice Cultivation	Oct. 2002	-	Mr. Ohara	Oct. 2002	~	
Mr.	G.Mosi	Tutor, Rice Cultivation	Oct. 2002	~	Mr. Ohara	Oct. 2002	~	
Ms.	R.Chapile	Tutor, Rice Cultivation	Oct. 2002	~	Mr. Ohara	Oct. 2002	~	
Mr.	E.Zablon	Tutor, Rice Cultivation	Jan. 2003	~	Mr. Ohara	Jan. 2003	~	· · · · · · · · · · · · · · · · · · ·
Mr.	S.D Soi	Tutor, Rice Cultivation	Sept. 2005	-	Mr. Ohara	Sept. 2005	~	
Mr.	H.J.Nzully	Head, Information Unit	Oct. 2002	Nov. 2005	N.A.	Oct. 2002	~	Transferred to ICDU
		Head, Information and Curriculum Development	Dec. 2004	Oct. 2005	Mr. Asai		; ; ; ; ;	Currently studying at SUA from Oct. 2005
Ms.	S.Mahendeka	Tutor, Information Unit	Oct. 2002	~	N.A.	Oct. 2002	~	Currently studying at SUA from Sept. 2004
Mr.	D.O. Nkollo	Production Dept.	Apr.2005	~	N.A.	Apr.2005	~	



	nnev 5-2	Accentance	of Tanzan	Annex 5-2 Accentance of Tanzanian Counterparts	ts Personnel for Training in Japan	ing in Japan		
٦ <u>[٣</u>	Name	Dure	Duration	Field*	1.2		Position then	Current position
<u> 15 </u>	W.Ngirwa	From 25/09/2001	06/10/2001	Agricultural A	Agricultural Extension Activity Ministry of Agriculture, and Training System in Japan Forestry and Fisheries		PS, MAFS	ditto
<u> </u>	R.S.Kapande	25/09/2001	06/10/2001	Agricultural Folicy/System a	Agricultural Extension Activity Ministry of Agriculture, and Training System in Japan Forestry and Fisheries		Director of Training Institutes, MAFS	Assistant Director of Research and Training, MAFS
<u>Іп</u>	E. W.Mkojera	04/06/2002	10/08/2002	Agricultural Development	Farminig System Research	Tottori University	Head, FD	ditto
<u> </u>	A.Mushumba	05/11/2002	25/01/2003	Other Health and Medical Care	Nutrition and Diet Improvement for Women Classes	JICA Obihiro international centre	Tutor, EFT	Deceased in July 2005
<u> </u> ~	W.Mwinyi	26/05/2003	23/09/2003	Agricultural I Development I	Insect and Pest Management in Kobe University Rice Cultivation		Head, RC	ditto
1 124	P.Mawere	01/07/2003	28/11/2003	Agricultural Cevelopment	Operation and Management of Irrigation Canal Systems	JICA Tsukuba international Centre	Tutor, WM	ditto
<u>14 </u>	N.Shauritanga	09/07/2003	15/10/2003	Agricultural Development	Maintenance and Repair of Power Tiller	JICA Tsukuba international Centre	Tutor, FD	Head, ICDU
1 Jacked	E.S.Chuma	05/05/2004	17/07/2004	Agricultural Policy/System	Agricultural Extension Planning and Management	Ministry of Agriculture, Forestry and Fisheries	Head, EFT	Studying at SUA from Nov 2005
<u> </u>	H.Msemo	29/06/2004	26/11/2004	Agricultural Development	t of	JICA Tsukuba international Centre	Tutor, WM	Head, EFT
<u> </u>	H.J.Nzully	23/01/2005	24/04/2005	Agricultural Policy/System	Agricultural Information System Technique	JICA Obihiro international centre	Head, ICDU	Studying at SUA from Nov 2005
1.3	A.E.Kissinga	31/01/2005	20/03/2005	Regional Development Participatory local socialdevelopment practice	theories and	Nikon Fukushi University	Tutor, EFT	Studying at SUA from Nov 2005
	R.Chapile	01/02/2005	25/11/2005	Agricultural Development	search Techniques II	JICA Tsukuba international Centre	Tutor, RC	ditto
, man,	E.Zablon	01/02/2006	25/11/2006	Agricultural Development	Rice Research Techniques II	JICA Tsukuba international Centre	Tutor, RC	ditto

* Field: following to classification of JICA Group training courses **Intotal:13 (50M/M)

ANNEX 6 Assignment of Japanese Experts	if Japanese Experts			
Name	Field	Dispatched period From To	period To	Occupation when dispatched
Mr. HIROTOSHI KODA	Chief Adviser	30/09/2001	29/11/2003 Umemployed	Imemployed
Mr AKINAO ONISHI	Coordinator	01/10/2001	30/11/2003 Ja	30/11/2003 Japan International Cooperation Agency
Mr. KIYOSHI SHIRATORI	Extension/Farmers training	01/10/2001	30/09/2002 J	30/09/2002 Japan International Cooperation Center
	Rice cultivation/Farming management	30/09/2001	30/09/2006	30/09/2006 Lifework international Ltd.
Mr. HIROMU UNO	Irrigation management	14/01/2002	30/06/2004 N	30/06/2004 Ministry of Agriculture, Forestry and Fisheries
Dr. MASAAKI SHIMADA	Schistosomiasis Control in Irrigation	02/02/2002	28/02/2002 L	28/02/2002 University of Nagasaki
ı	Farming Survey	18/02/2002	25/03/2002 T	25/03/2002 Tottori University
	Gender	10/04/2002	16/06/2002 Unemployed	Inemployed
Dr. SHIGEMASA MATSUBARA	Farming Systems Research	16/08/2002	22/09/2002 T	22/09/2002 Tottori College
	Extension and Farmers Training	14/09/2002	26/12/2004	26/12/2004 IC Net Limited
	Gender in Agricultural Training	08/10/2002	20/12/2002 F	20/12/2002 Kaihatsu Management Consultanting, Inc.
Mr. HEIICHI KAWABATA	Production Technique of Rice Seed	27/10/2002	20/11/2002 I	20/11/2002 Ishikawa Sunrises Industries Creation Organization
Dr. TAKASHI YAMAMOTO	Rice Disease(Rice Yellow Mottle Virus)	28/02/2003	28/04/2003 Unemployed	Unemployed
	Improvement of Agricultural Tools and Appliances	07/04/2003	06/07/2003 Unemployed	Unemployed
Ms. ETSUKO IKEDA	Gender in agricultural training	06/10/2003	14/12/2003 E	14/12/2003 Kaihatsu Management Consultanting, Inc.
Mr. TAMOTSU YAMADA	Chief Advisor	05/11/2003	30/07/2004	30/07/2004 Japan International Cooperation Agency
Mr. MAKOTO ASAI	Coordinator	05/11/2003	30/09/2006	30/09/2006 Japan International Cooperation Agency
Mr. HIDEKI NAKAMACHI	Improvement of agricultural tools and equipments	09/01/2004	08/03/2004	08/03/2004 Suzuhachi Agricultural Machine Company
Dr. KOJI INOSAKO	Reduction of salt damage on rice research	21/02/2004	20/03/2004	20/03/2004 Tottori University
Mr. YUTAKA INOUE	Irrigation management	20/06/2004	30/09/2006	30/09/2006 Ministry of Agriculture, Forestry and Fisheries
Mr. MITSUHIKO OTA	Chief Advisor	18/07/2004	30/09/2006	30/09/2006 Japan International Cooperation Agency
Ms. TOMOKO KAWANABE	Gender	25/09/2004	28/11/2004	28/11/2004 Free consultant
	Extension and farmers training	04/12/2004	30/09/2006 Elico Ltd.	Elico Ltd.
	Analysis and interpretation of farming management data	05/03/2005	16/04/2005	16/04/2005 Tottori University
	Simple soil analysis for the improvement of soil fertility	16/04/2005	29/05/2005	29/05/2005 Sanyu Consultants Inc.
IVII. I CINIC CITE		1 0 0	3000120170	





Mr., Koji Shirakawa Ms. YOKO HARADA Ms. YOKO HARADA

08/09/2005 Global Link Management, Inc. 15/05/2006 Global Link Management, Inc.

16/04/2006

06/07/2005 IC Net Limited

15/05/2005

Information Management Gender mainstreaming Gender mainstreaming

Annex 7 Allocated Budget by the Government of Tanzania

(Tsh.) 8,460,009.00 29,015,223.00 37,475,232. 181,382.03 31,599,803.40 31,418,421.37 2004/05 28,907,600.00 25,400,434.00 3,507,166.00 2003/04 20,446,979.00 166,693.74 2002/03 56,612,331.00 54,604,381.16 2,007,949.84 2001/02 1 Expenditure of KATC / G.O.T. funds (Reccurent) Expenditure Received Budget Item BALANCE BUDGET FOTAL

2 SELF HELP FUND EXPENDITURE ON KATC PHASE II RELATED ACTIVITIES / MATTERS

4,029,537.20 2005/06 *Up to March 2006 (Tsh.) 10,679,247.25 2004/05 8,768,137.46 2003/04 1,687,100.00 2002/03 1,004,010.00 2001/02 Total

Final total: 26,168,031.91Tsh



Annex 8 Allocated Budget by the Government of Japan for Local Cost Expenditure

						(Tsh.)
Budget Item	2001/02	2002/03	2003/04	2004/05	2005/06	2006 Apr - Sep**
General cost	28,411,551.56	28,221,953.03	40,909,983.76	40,909,983.76 111,121,665.00	80,364,236.00	60,040,816.77
Technical Exchange programme	0.00	00.0	23,824,948.60			
Technical Extention cost	30,268,106.00	76,433,599.00	76,433,599.00 126,786,064.41 55,446,290.00	55,446,290.00	46,316,800.00	12,088,557.66
RTCPP cost	0.00	11,794,524.00	1	76,003,604.50 110,080,450.00	77,184,289.00	0.00
Sub Total	58,679,657.56	116,450,076.03	116,450,076.03 267,524,601.27 276,648,405.00 203,865,325.00	276,648,405.00	203,865,325.00	72,129,374.43

** : Planned as of Dec 2005

995,297,439.29

Grand Total

K

Annex 9 List of Equipment Provided by the Government of Japan

*Legend of Means of Purchase
D = Donated by JICA(Procured in Japan); DL = Donated by JICA (Procured locally); C = for Experts' use (Procured in Japan); CL = for Experts' use (Procured locally); LG = from project annual budget (General); LA = from project annual budget (Technical Extension cost); LR = from project annual budget (RTCPP)

JICA No.	Delivered	Name	Model (Title)	Maker	Qty. Acquired	(\)	Unit Price (Tsh.)	(USD)	Section in Charge	Place to store	Means of Purchase*	Purpose
01-001	Oct 2001	Book		Nobunkyo	1:	28,000			Rice Cultivation	ditto	C(Mr.Ohara)	Teaching note
01-002	Oct 2001	Book	Plant vol.1 Morphology Science of the Rice	Nobunkyo	1	43,000			(Ohara) Rice Cultivation	ditto	C(Mr.Ohara)	preparation Teaching note
01-003		Book	Plant vol.3 Genetics Science of the Rice	Nobunkyo	1	9,000			(Ohara) Rice Cultivation	ditto	C(Mr.Ohara)	preparation Teaching note
			Plant Supple.vol.1		1				(Ohara)		,	preparation
01-004	Oct 2001	CD-ROM	Diagnosis and control of pest disese and weed	Nobunkyo	1	190,477			Rice Cultivation (Ohara)	ditto	C(Mr.Ohara)	Teaching note preparation
01-005	Oct 2001	CD-ROM		Nobunkyo	1	211,640			Rice Cultivation (Ohara)	ditto	C(Mr.Ohara)	Teaching note preparation
01-006	Oct 2001	Software	Windows 2000	Microsoft	1	38,700			Rice Cultivation	ditto	C(Mr.Ohara)	Report and
			Professional						(Ohara)			Teaching note preparation
01-007	Oct 2001	Software	Special Edition	Microsoft	1	41,800			Rice Cultivation (Ohara)	ditto	C(Mr.Ohara)	Report and Teaching note preparation
01-008	Oct 2001	Extension		Melco	1	20,000			Rice Cultivation	ditto	C(Mr.Ohara)	Report and
		Memory	128MW(128MB)						(Ohara)			Teaching note preparation
01-009	Oct 2001	Digital Video	DCR-PC110E (PAL	Sony	1	223,000			Extension	ditto	C(Mr.Shiratori	Recording trainings
01-010	Oct 2001	Camera Battery Pack	System) NP-QM91 (for 01-009)	Sony	1	15,300		•••	Extension	ditto	C(Mr.Shiratori	Recording
01-011	Oct 2001	Semisoft Case	LCM-PCA (for 01-	Sony	1	4,000			Extension	ditto	C(Mr.Shiratori	trainings Recording
			009)		1	3,000			Extension	ditto) C(Mr.Shiratori	trainings Recording
01-012	Oct 2001	I Link Cable	VMC-IL4415A (for 01-009)	Ѕопу	. 1)	trainings
01-013	Oct 2001	Memory Stick	MSA-64AN 64MB (for 01-009)	Sony	1	9,000			Extension	ditto	C(Mr.Shiratori	Recording trainings
01-014	Oct 2001	Carrying Case	MSAC-A8 (for 01-	Sony	I	1,300	[Extension	ditto	C(Mr.Shiratori	
01-015	Oct 2001	PC Card	013) MSAC-PC2N (for 01-	Sony	1	6,700			Extension	ditto	C(Mr.Shiratori	trainings Recording
01-016	Oct 2001	Adapter Floppy Disk	013) MSAC-FD2MA (for	Sony	1	7,500			Extension	ditto) C(Mr.Shiratori	trainings Report and
01-010		Adapter	01-013)			<u> </u>)	Teaching note preparation
01-017	Oct 2001	Software	Premiere ver.6 (English)	Adobe		79,000	 		Extension	ditto	C(Mr.Shiratori	Teaching note orenaration
01-018	Oct 2001	Cutting Mat	MA-43N	Kokuyo]	3,900			Extension	ditto	C(Mr.Shirator	General office
01-019	Oct 2001	Brush for OA	EAS-BR2Y	Kokuyo	1	400	-		Extension	ditto	C(Mr.Shiratori	i General office
01-020	Oct 2001	Supply Digital Memory	VOICE TREK DM-1	Olympus		29,700	<u> </u>		Extension	ditto	C(Mr,Shiratori	-
01-021	Oct 2001	Recorder Smart Media	RFD-ID64MB (for 01-	Meico	ļ .	2 5,000		<u> </u>	Extension	ditto	C(Mr.Shirator	trainings i Recording
			020)				<u> </u>) C(Mr,Shirator	trainings
01-022	Oct 2001	PC Card Adapter	RFD-A2 (for 01-021)	Melco		3,900			Extension	ditto	<u>)` </u>	trainings
01-023	Nov 2001	CD-ROM	Gendai Nogyo 2001	Nobunkyo		1 100,400		i ! !	Rice Cultivation (Ohara)	ditto	C(Mr.Koda)	Teaching note preparation
01-024	Nov 2001	Book	Science of the Rice	Nobunkyo		1 47,142			Rice Cultivation	ditto	C(Mr.Koda)	Teaching note
01-025	Nov 2001	Software	Plant vol.2 Physiology E-Typist International	Mediadrive	;	1 33,000)		(Ohara) Administration	ditto	C(Mr,Onishi)	preparation Skill up of
01-026	Nov 2001	Software	for Windows Norton Internet	Symantec		1 6,630).	 	(Ohara) Administration	ditto	C(Mr.Onishi)	Academic General office
			Security 2001 ver.3.0						(Onishi)			use
01-027	Nov 2001	Software	Power Point 2002	Microsoft		1 25,000	l .		Administration (Onishi)	ditto	C(Mr.Onishi)	Teaching note preparation
01-028	Nov 2001	Software	Windows 2000 Pro.	Microsoft		1 17,100)		Administration (Onishi)	ditto	C(Mr.Onishi)	Teaching note preparation
01-029	Nov 2001	CD-RW Drive	Up-Grade CD-RWD-RX1210J	I/O Data		1 26,400			Administration	ditto	C(Mr,Onishi)	Recording
01-030	Nov 2001	SCSI Card	CBSCII	I/O Data	- -	1 7,220)	<u> </u>	(Onishi) Administration	ditto	C(Mr.Onishi)	
		Circular Saw		Dewelf		1	239,400	1	(Onishi) Farming	ditto	LA	trainings Farming tool
01-031	Jan 2002		DW302			1	<u> </u>		Development			fabrication
01-032	Jan 2002	Jig Saw	DW319	Dewelf		1	234,900	} 	Farming Development	ditto	LA	Farming tool fabrication
01-033	Jan 2002	Hacksaw		1		3	6,500)	Farming Development	ditto	LA	Farming tool fabrication
01-034	Jan 2002	Hacksaw			-	2	2,400)	Farming	ditto	LA	Farming tool
01-035	Feb 2002	Software	Norton Anti-Virus	Symantec	1	0, 7,70	Di	<u> </u>	Development Water	ditto	C(Mr.Uno)	fabrication General office
01-033	1002002	Borriago	2002(E)				1	į ; •	Management			use
01-036	Feb 2002	Software	Homepage Builder	IBM	 	1 12,50	0		(Uno and Water	ditto	C(Mr.Uno)	Pubication
			Ver.6.5J					ļ	Management (Uno)			•
01-037	Jan 2002	ZIP Drive		iomega		1	250,000)	Administration	ditto	LG	Recording trainings
01-038	Jan 2002	Mobile Phone	Talkabout T2288	Motorola	 	1	98,000	0	(Ohara) Administration	ditto	LG	Communication
1		1		I	1		1	1	(Onishi)		<u> </u>	1



JICA	Delivered	Name	Model (Title)	Maker	Qty.	,	Unit Price		Section in	Place to	Means of	Purpose
No.					Acquired	(/)	(Tsh.)	(USD)	Charge	store	Purchase*	
01-039	March	Stapler	Giant No.02030	Rexel	2		35,000		Extension(Libra	ditto	CL(Mr.Koda)	General office
01-040	2002 March	Scissors		Savoy	4		1,500		ry) Extension(Libra	ditto	CL(Mr.Koda)	use General office
01-041	March	Laminating	FGK320Lamipacker		1		350,000		ry) Administration	ditto	CL(Mr.Koda)	use General office
01-042	2002 March 2002	Machine Scientific Calculator	fx-100W	Casio	30		28,000	<u></u>	Water Management	ditto	DL	for practice session of
01-043	March 2002	Multimedia Projector	PLC-SW20	Sanyo	2		4,450,000		IU/CDU	1.Administra tion,2.AV	DL	training courses General office use
01-044	March	Comb Binder	CB400	Rexel	1		650,000		Extension(Libra	Room Library	DĽ	Pubication
01-045	2002 Apr 2002	Vehicle	Patrol(STJ5950)	Nissan	1		28,939,500		ry) Administration	Workhshop	DL	Travelling to
01-046	Apr 2002	Vehicle	Patrol(STJ5951)	Nissan	1		28,939,500		Administration	Workhshop	DL	model sites Travelling to
01-047	Apr 2002	Vehicle	Patrol(STJ5952)	Nissan	1		28,939,500		Administration	Workhshop	DL	model sites Travelling to
01-048	March	Photocopy	NP6320	Canon	1		2,700,000		Extension(Libra	Library	DL	model sites Teaching note
01-049	2002 Apr 2002	Machine Pointer		Kokuyo	6	1,350			ry)	1.EFT,2.RC, 3.FD,4.WM,		preparation General training use
01-050	May 2002	UPS	Back-UPS 650		8		147,440			5-6.Store 1.Admin.(Co mputer Room),2.Ad min.,3.FD,4. RC,5.WM,6. MAFS,7.IU, 8.Admin.(St	DL	General office usc
01-051	May 2002	Printer	Deskjet 920C	HP	3		169,750			1.Academic, 2.RC,3.WM	DL	Teaching note preparation
01-052	May 2002	Computer (Desktop)	DHM Dimension 4400	DELL	1		1,324,050		Farming Development	ditto	DL	Teaching note preparation
01-053	May 2002	Computer (Desktop)	DHS Dimension 4300S		1		1,324,050		Administration	Computer Room	DL	Teaching note preparation
01-054	May 2002	Computer (Desktop)	DHS Dimension 4300S	DELL	1		1,324,050		Administration	dítto	DL	Teaching note preparation
01-055	May 2002	Computer (Desktop)	DHS Dimension 4300S		1		1,324,050		Rice Cultivation		DŁ	Teaching note preparation
01-056	May 2002	Computer (Desktop)	DHS Dimension 4300S		I		1,324,050		MAFS	ditto	DL	Teaching note preparation
01-057		Computer (Laptop)	Satellite PS183C- 00VF1	Toshiba	1		1,867,250		EFT	ditto	DL	Teaching note preparation
01-058		(Laptop)	Satellite PS183C- 00VF1	Toshiba	1		1,867,250		Water Management	ditto	DL	Teaching note preparation
01-059	March 2002	Chair		Vijana Associates	19		26,000		Extension(Libra		LG	General office use
01-060	March 2002	Easy chair		Vijana Associates	4		80,000		Extension(Libra		LG	General office use
01-061	March 2002	Coffee table		Vijana Associates	1		75,000		Extension(Libra		LG	General office use
01-062	March 2002	Stool	:	Vijana Associates	4	,	12,000		Extension(Libra	Library	LG	General office use
01-063	March 2002	Study table		Vijana Associates	6		140,000		Extension(Libra	Library	LG	General office use
01-064	March 2002	Counter		Vijana Associates	1		550,000		Extension(Libra	Library	LG	General office use
01-065	March 2002	Bag deposit		Vijana Associates	1		150,000		Extension(Libra	Library	LG	General office use
01-066	Apr 2002	CD-RW Drive	Predator CD-RW	iomega	2			[đitto	CL(Mr.Koda)	Recording trainings
01-067	Apr 2002	Color Laser Printer	Color Laser Jet 4550	HP	ì			2,625	IU/CDU	ditto	CL(Mr.Koda)	Teaching note preparation
01-068	May 2002			TFA	5		50,000	<u> </u>	Rice Cultivation			Trial farm operation
01-069 01-070	May 2002 May 2002				1 2		485,100 95,000		Rice Cultivation FD(Workshop)		DL DL	Reagents General office
01-071	May 2002	1		<u> </u>	3	<u> </u>	75,000	i L	FD(Workshop)	Workhshop	DL	use Farming tool
01-072		Centre punch			20		8,000	((((((FD(Workshop)	Workhshop	DL	fabrication Farming tool
01-073	May 2002	Steel cutting			10		8,000		FD(Workshop)	Workhshop	DL	fabrication Farming tool
01-074	May 2002	scissors Carpenter's			10		383,000		FD(Workshop)	Workhshop	DL	fabrication Farming tool
01-075	May 2002	Outfit Arc welding		ļ	5	:	475,000)	FD(Workshop)	Workhshop	DL	fabrication Farming tool
01-076	May 2002				5		575,000)	FD(Workshop)	Workhshop	DL	Farming tool
01-077	Apr 2002	equipment Chair			2	<u> </u>	95,000		Extension(Libra	Library	DL	fabrication General office
01-078	Apr 2002	Cabinet		 	2		525,000	1	Extension(Libra	Library	DL	use General office
<u>L</u>	1	<u> 1</u>	I	<u> </u>	1	<u> </u>	1	<u> </u>	TV)	<u> </u>	J	use



JICA	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price		Section in	Place to	Means of	Purpose
No.					Acquired	(\)	(Tsh.)			**************************************	Purchase*	
01-079	Apr 2002	Bookshelf			8	ļ	185,000		Extension(Libra	Library	DL	General office
01-080	March	Bicycle			1	`	80,000	-	Water	ditto	LG	Pump operation
01-081	2002 July 2002	CD-RW Drive	Predator CD-RW	iomega	1			-	Management Extension	ditto	DL	Recording
01-061	July 2002	CB-RW Blive	(External Drive for	ютова	"	t E E			(Ono)			trainings
01.003	T-1- 2002	CD-RW Drive	No.01-057) Predator CD-RW	iomara	<u> </u>			-	Water	ditto	DL	Recording
01-082	July 2002	CD-RW Drive	(External Drive for	iomega	1 1	-]		-	Management	unio	DL	trainings
·	· · · · · · · · · · · · · · · · · · ·		No.01-058)		ļ				77.31	7.7		
01-083		Book	The Power of Duck	Tagari	1	-		. 24	Extension(Libra	Library	0	Teaching note preparation
01-084	July 2002	Electrical	ET2450	Ołivetti	1			850	Extension(Libra	Library	DL	Report and
		Typewriter			'	į			ry)			Teaching note preparation
01-085	Sep 2002	Book	Managing soil fertility		1			127	Extension(Libra	Library	LG	Teaching note
			in the tropics: a			İ	į		ry)			preparation
		;	resource guide for participatory learning			į						
01-086	Sep 2002	Book	Gender and technology		. 1			17	Extension(Libra	Library	LG	Teaching note
01-087	Sep 2002	Book	A guide to gender		1	j		17	ry) Extension(Libra	Library	LG	preparation Teaching note
01-007	13CP 2002	DOOK	analysis framework			1			ry)			preparation
01-088	Sep 2002	Book	Gardening for better		1			17	Extension(Libra	Library	LG	Teaching note preparation
01-089	Sep 2002	Book	nutrition Hygine Evolution	-	1			17	ry) Extension(Libra	Library	LG	Teaching note
			procedure: approaches						ry)			preparation
01-090	Sep 2002	Book	and Low cost sanitation; a		1			25	Extension(Libra	Library	LG	Teaching note
01 050	Dop 2002		survey of practical						ry)	,		preparation
01-091	Sep 2002	Book	experience Rain water catchment		· · · · · · · · · · · · · · · · · · ·			29	Extension(Libra	Library	LG	Teaching note
01-091	3cp 2002	DOOK	system for domestic		1 1				ry)	Diorary	20	preparation
			supply: designs,			-						
			construction and									
01-092	Sep 2002	Book	Crop, People and		1			25	Extension(Libra	Library	LG	Teaching note
		•	irrigation: water						ry)			preparation
			famers and engineers		<u> </u>						<u> </u>	ļ
01-093	Sep 2002	Book	Operation and maintenance of small		1			17	Extension(Libra ry)	Library	LG	Teaching note preparation
	İ		irrigation schemes									
01-094	Sep 2002	Book	Seeds of choice:		1			35	Extension(Libra	Library	LG	Teaching note
			making the most of new varieties for small		l				ry)			preparation
01-095	Sep 2002	Book	Fertile ground: th		1			35	Extension(Libra	Library	LG	Teaching note
1		}	impacts of participatory watershed management				-		ry)			preparation
01-096	Sep 2002	Book	Sustaining the soil:		1			29	Extension(Libra	Library	LG	Teaching note
			indigenous soil water consercation in Africa			ļ			ry)			preparation
01-097	Sep 2002	Book	Basic accounting for		1			17	Extension(Libra	Libтату	LG	Teaching note
01-098	Sep 2002	Book	credit and saving The New Middle		1			29	ry) Extension(Libra	Library	LG	preparation Teaching note
01-050	DCp 2002	BOOK	women: profitable						ry)	2.01.02		preparation
1		ţ	banking through on-									
01-099	Sep 2002	Book	lending grouns Gender training manual	 	1			52	Extension(Libra	Library	LG	Teaching note
22.220			7 10 7 10 1	<u> </u>	,			27	ry) Extension(Libra	Y Change	LG	preparation Teaching note
01-100	Sep 2002	Book	Food Security in Sub- Saharan Africa		1			32	ry)	Library	LU	preparation
01-101	Sep 2002	Book	Learning from change:		1			- 29	Extension(Libra	Library	LG	Teaching note
			issues and experiences in participatory						гу)			preparation
			monitoring and					<u> </u>				
01-102	March	Wireless	Breezecom SA-10D PRO.11 and steel tower		1		2,524,080	ĺ	Administration	ditto	LG	Communication
	2002	Internet(Email) system with a	(10m high)					į E		1		
02.001	E-1-2002	tower Color Monitor	12 in ab	BENQ	1		180,000	1	Water	ditto	LG	Teaching note
02-001	Feb 2003	Color Monitor	17 inch, No.999117141224201	BENQ	1	!	180,000	Ϊ	Management	uiito		preparation
	<u> </u>		952P68412				0.00.000			P	1.0	D l'
02-002	March 2003	Still Camera	Riva 140 Zoom	Minolta	1		260,000	1	Extension	ditto	LG	Recording trainings
02-003	March	Sprayer	15ltr	Solo	5		62,000)	Rice Cultivation		DL	Trial farm
	2003							• • •		store/Rice		operation
02-004	March	Rice Mill	<u>† </u>	-	1	-	1,000,000		Farming	Workhshop	DL	Trial farm
	2003	Machines		ļ			570,000	1	Development Farming	Workhshop	DL	operation Trial farm
02-005	March 2003	Maize Mill			1				Parming Development	workusnop	J	operation
02-006	March	Maize Huller			1		375,000)	Farming	Workhshop	DL	Trial farm
02-007	2003 March	Chaff Cutter			· · · 1		470,000)	Development Farming	Workhshop	DL	operation Trial farm
	2003				<u> </u>			<u> </u>	Development			operation
02-008	March	Solar Panel for	for Super 3s	Suematsu	1	82,000]	Rice Cultivation	General Store	D	Trial farm operation
L	2003	electric fence		٠ـــــــــــــــــــــــــــــــــــــ			•			12122	 	1000 augu





JICA	Delivered	Name	Model (Title)	Maker	Qty.	A. I	Unit Price	/# TOPPS		Place to	Means of	Ршроѕе
No. 02-009	March	Sickle	H-081	Hounen	Acquired 150	(/) 1008	(Tsh.)	(USD)	Charge Rice Cultivation	store General store	Purchase* D	Trial farm
	2003		KG-50	Miyawaki								operation
02-010	March 2003	Net		Tokyo Tobari	30	5,200			Rice Cultivation	General store	ע	Trial farm operation
02-011	March 2003	Universal Tool Set	1000M	Bauzai	10	53,500			Farming Development	General store	D	Farming tool fabrication
02-012	March		TA12LJ	Kubota	1	596,000			Farming	Workhshop	D	Fanning tool
02-013	2003 March	Irrigation Pump	KL-65H	Kyoritz	1	93,000			Development Farming	Workhshop	D	fabrication Farming tool
02-014	2003 March	Managina Tana	I-883-0611, 10m	Uchida	б	2,100			Development Rice Cultivation	Canaral	D	fabrication for practice
02-014	2003	ivieasumig rape	1-863-0011, 1011	Genera	ū	2,100			KICC CHIIVAROII	store/Model	Б	session of
02-015	March	Measuring Tape	1-883-0613, 30m	Uchida	3	4,400			Rice Cultivation	site General	D	training courses for practice
	2003		, ,							store/Model		session of
02-016	March	Measuring Tape	1-883-0615, 50m	Uchida	3	6,600			Rice Cultivation	site General	D	for practice
	2003						i ! !			store/Model		session of training courses
02-017	March	Measuring Tape	2-342-0108, 100m	Uchida	3	9,800			Rice Cultivation	General	D	for practice
	2003					ļ) 			store/Model site		session of training courses
02-018	March	Hoe Set	Set of No.5020, 5021,	Kubota	3	15,000			Farming Davidsoment	General store	D	for practice
	2003		5022, 5023						Development		,	session of training courses
02-019	March 2003	Rubber Boots	Soft-tabi No.14, 27cm	Koshin	25	4,600			Rice Cultivation	General store	D	for practice session of
				75 12		1.505			D. G. C. J.		~	training courses
02-020	March 2003	Rubber Boots	Soft-tabi No.14, 28cm	Koshin	25	4,600	1		Rice Cultivation	General store	D	for practice session of
02-021	March	Rubber Boat	EZ4-942	Achilles	7	97,000			Water	General store	D.	training courses Reservoir
	2003								Management			survey
02-022	March 2003	Life Jacket	LW-22	Yamaha	28	5,000	1		Water Management	General store	D	Reservoir survey
02-023	March	Hip Boots	Tokudotsukinaga Type	Koshin	28	24,000			Water	General store	D	Reservoir
02-024	2003 March	Video Cassette	HR-S5900AM	JVC	1:			610	Management IU/CDU	ditto	DL	Recording Survey
02-025	2003 March	Recorder Digital Photo	DPP-SV55	Sony	2			370	Administration	ditto	DL	trainings Recording
	2003	Printer										trainings
02-026	March 2003	Digital Camera	DSC-S85	Sony	4			680	RC, FD, WM, EFT	ditto	DL	Recording trainings
02-027	March 2003	Memory Stick	Memory Stick 128MB	Lexar Media	5			140	Admin(3), IU(2)	ditto	ĎL	Recording trainings
02-028	March	Memory Stick	Memory Stick 64MB	Lexar	5			140	EFT, RC, FD,	ditto	DL	Recording
02-029	2003 March	High Pressure	HD640S	Media Karcher	1		892,050		WM, CDU FD(Workshop)	Workhshop	DL ·	trainings Farming tool
02-030	2003 March	Cleaner			10		17,000		Rice Cultivation	Laboratoru	DL	fabrication
1	2003	Vernier Caliper								,		Analysis
02-031	March 2003	Motorised Spraver		TARAL	2		370,000		Rice Cultivation	General store	DL	Trial farm operation
02-032	March	Aluminium Staff			12		120,000		Water	Modelsites	DL	Survey
02-033	2003 March	Ranging Pole			60		32,000		Management Water	Modelsites	DL	Survey
02-034	2003 March	Glass Rain	<u> </u>		6		19,000		Management Water	Modelsites	DL	Metrological
	2003	Measure							Management			survey
02-035	March 2003	Copper Rain Gauge			6		180,000		Water Management	Modelsites	DL	Metrological survey
02-036	March	Glass Bottle			6		8,225		Water	Modelsites	DL	Metrological
02-037	2003 March	Max & Min			12		18,000		Management Water	Modelsites	DL	survey Metrological
02-038	2003 March	Thermometer Micrometer	,		2		12,000		Management Rice Cultivation	General	DL	survey for practice
02.050	2003	· ·					12,000		Tube cula validi	Store	22	session of
02-039	March	Electronic	Min0.001g-Max500g		2			995	Rice Cultivation	General	DL	for practice
	2003	Balance]					Store		session of training courses
02-040	March	Electronic	Min0.01g-Max400g		2			930	Rice Cultivation	ì	DL	for practice
	2003	Balance								Store		session of training courses
02-041	March	pH Meter	рНеР		10	6,500			Rice Cultivation	1	C(Mr.Koda)	Soil analysis
	2003									store/Laborat		
02-042	March	Grain Moisture Meter	Riceter J311		10	35,800			Rice Cultivation		C(Mr.Koda)	for practice session of
	2003	Meter								ory		training courses
02-043	Apr 2003	EC Meter	DIST4	Hanna Instruments	10	6,620			Rice Cultivation	General store/Laborat	C(Mr.Koda)	Soil analysis
00.011	1.	0.0	005. 355.7		ļ	70.50		<u>.</u>	T-C	orv .		7
02-044	March 2003	Software	Office XP Pro	Microsoft] 1	72,500			Information Unit	IU/CĐU	C(Mr.Uno)	Report and Teaching note
02-045	March	Software	Acrobat 5.0	Adobe	1	35,500			Information	IU/CDU	C(Mr,Uno)	oreparation Report and
02-043	2003	Soliware	Tologi J.O	230000	'	22,500			Unit		_(,0.10)	Teaching note
	L	<u></u>		L		<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	L	preparation



JICA	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price				Means of	Purpose
No.	1. 1	CDS		C- o-t-ol-	Acquired 3	(\) ;	(Tsh.)	(USD)	Charge Water	store ditto	Purchase* C(Mr.Uno)	Survey
02-046	March 2003	GPS		Sportrak	, 3	30,000			Management	MILO	C(MB.OHO)	3th vey
02-047	March	Thermograph	RS-11		7	28,300			Water	6 Modelsites	C(Mr.Uno)	Survey
02-048	2003 March	Battery Pack	FMVNBP11CA04061-	Fuiitsu	1	10,700			Management Administration	1 WM ditto	C(Mr.Uno)	Report and
02-048	2003	chancily i ack	G871		1	, , , , , ,			(Mr.Koda)		, ,	Teaching note preparation
02-049	March 2003	Water Level Meter		ikeda Keiki	6	117,000			Water Management	Modelsites	C(Mr.Uno)	Survey
02-050	May 2003	Scanner	Scanjet 2300C	HP	2		130,000		1.Administratio n, 2.Water	ditto	LG	Report and Teaching note
02-051	May 2003	Book	Using Information	McGraw	1		6,000		Management Library	ditto	LG	Teaching note
			Technology	Hill			·					preparation
02-052	May 2003	Book	Complete Reference of Front Page 2000	McGraw Hill	11		9,000		Library		LG	Teaching note preparation
02-053	March 2003	Portable Beam Balance	HB1000M, 500kg		1	1		900	Rice Cultivation	Rice Store	DŁ	for practice session of
02-054	March	Stop Watch			10		33,000		Water	6 Modelsites	DL	training courses Discharge
02.034	2003								Management	4 WM		measurement
02-055	May 2003	Canvas Sheet	15m*10m		20		540,000		Rice Cultivation	General store	DL	for practice session of training courses
02-056	Арт 2003	Computer	Dimension	DELL	1		1,392,500		Information	ditto	DL	Report and
	ļ	(Desktop)							Unit			Teaching note preparation
02-057	Apr 2003	Computer	Dimension	DELL	1		1,392,500		Farming	ditto	DL	Report and
		(Desktop)							Development			Teaching note preparation
02-058	Apr 2003	Software	Office XP Professional (OEM)	Microsoft	1.		330,000	l l	Administration	ditto	DL	Report and Teaching note
			<u> </u>	14: 0		10.570		<u> </u>	IU/CDU	ditto	C(Mr.One)	preparation Pubication
02-059	June 2003 June 2003	Software Software	Publisher Version2002 FrontPage Version2002	Microsoft Microsoft	1	18,570 18,570			IU/CDU	ditto	C(Mr.Ono)	Pubication
02-061	March	Colour Monitor	FD Trinitron XA25	Sony	1	1		360	IU/CDU	ditto	DL	Recording
02.062	2003	Compant Matro	UC-204	Tamaya	7			3 250	WM	Modelsites	DL	trainings Metrological
02-062	March 2003	Current Metre	UC-204	1 ansaya	<u>'</u>			1 2,230	*****	Wiodolstos		survey at modelsites
02-063	July 2003	Water Gauge			94		90,000	1	WM	Modelsites	DIL	Metrological survey at
02-064	July 2003	Psychrometre			7		167,500		WM	Modelsites	LA	modelsites Metrological
												survey at modelsites
02-065	Apr 2003	Hard disk	200GB	Maxtor	1		130,000	 	IU/CDU	ditto	DL	Recording
02 000	, .p. 2000							í ! !				trainings and other
02-066	Sep 2002	Parts for K120	PULLEY ASSY,	Kubota	1	5,490		 	FD	General store	C (Ohara)	Trial farm
02-067	Sep 2002	Parts for K120	TENSION SEAL OIL	Kubota	I	620		 	FD	General store	C (Ohara)	operation Trial farm
	`*					4,590			FD	General store	<u> </u>	operation Trial farm
02-068	Sep 2002	Parts for K120	REAR WHEEL	Kubota	'			<u> </u>				operation
02-069	Sep 2002	Parts for K120	TIGHTENER, ASSY WHEEL	Kubota	1	310		1	FD	General store	e C (Ohara)	Trial farm operation
02-070	Sep 2002	Parts for K120	SINGLE R	Kubota	1	17,460			FD	General store	C (Ohara)	Trial farm operation
02-071	Sep 2002	Parts for K120	ASSY PULLEY.	Kubota	1	2,970			FD	General store	e C (Ohara)	Trial fann
02-072	Sep 2002	Parts for K120	TENSION COVER, TENSION	Kubota	1	70		1	FD	General store	e C (Ohara)	Operation Trial farm
						370	<u> </u>		FD	General stor		operation Trial farm
02-073	Sep 2002	Parts for M5400DT	O-RING	Kubota	· · · ·						<u> </u>	operation
02-074	Sep 2002	Parts for M5400DT	O-RING	Kubota	1	180		[[[]	FD	General store	elC (Ohara)	Trial farm operation
02-075	Sep 2002	Parts for M5400DT	O-RING	Kubota	. 1	370			FD	General store	e C (Ohara)	Trial farm operation
02-076	Sep 2002	Parts for M5400DT	SEAL	Kubota	<u> </u>	2,520			FD	General stor	e C (Ohara)	Trial farm operation
02-077	Sep 2002	Parts for	ASSY DISK,	Kubota		13,050			FD	General stor	e C (Ohara)	Trial farm operation
02-078	Sep 2002	M5400DT Parts for	ASSY CLUTCH, PTO	Kubota		43,020		1	FD	General stor	e C (Ohara)	Trìal farm
02-079	Sep 2002	M5400DT Parts for	SHAFT, PTO 2	Kubota	1	8,000)	<u> </u>	FD	General stor	e C (Ohara)	operation Trial farm
02-080	Sep 2002	M5400DT	BUSH, STEERING	Kubota		1 480		<u> </u>	FD	General stor	e C (Ohara)	operation Trial farm
02-081	Sep 2002	M5400DT	SEAL OIL	Kubota	 	1,800)	1	FD	General stor	e C (Ohara)	operation Trial farm
02-081		M5400DT	ASSY SEAL,	Kubota		1 780	i	<u> </u>	FD	General stor		operation Trial famn
		M5400DT	MECHANICAL					-			<u> </u>	operation Trial form
02-083	Sep 2002	187T-3L	SEAL, OIL	Kobashi		1 4,480		-	FD	General stor General stor		Trial farm operation Trial farm
02-084		187T-3L	WHEEL	Kobashi		1 20,700	1	 	FD			operation
02-085	Sep 2002	Parts for KA 187T-3L	CAP	Kobashi		1 700	1		FD	General stor	(Onara)	Trial farm operation



JICA	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price		Section in	Place to	Means of	Purpose
No. 02-086	Sep 2002	Parts for KA	STOP LINK	Kobashi	Acquired	(\) 100	(Tsh.)	(USD)	Charge FD	store General store	Purchase*	Trial farm
02-080	зер 2002	187T-3L				100						operation
02-087	Sep 2002	Parts for KA 187T-3L	BEARING	Kobashi	1	940			FD	General store	C (Ohara)	Trial farm operation
02-088	Sep 2002	Parts for KA	SEAL, OIL	Kobashi	1	740			FD	General store	C (Ohara)	Trial farm
02-089	Sep 2002	187T-3L Parts for	GASKET	STAR	1	4,230			FD	General store	C (Ohara)	operation Trial farm
	_	MBP2218										operation
02-090	Sep 2002	Parts for MBP2218	CHAIN, SUPER	STAR	. 1	13,500			FD	General store	C (Ohara)	Trial farm operation
02-091	Sep 2002	Parts for	BEARING	STAR	1	990			FD	General store	C (Ohara)	Trial farm
02-092	Sep 2002	MBP2218 Parts for	SUPPORT, ROD	Matsuyama	1	1,810			FD	General store	C (Ohara)	operation Trial farm
02-093	Sep 2002	HL2801B-3L Parts for	RUBBER, PLATE	Matsuyama	1	29,060			FD	General store	C (Ohara)	operation Trial farm
		HL2801B-3L		,								operation
02-094	Sep 2002	Parts for HL2801B-3L	SIDE ARM R	Matsuyama	1	3,280			FD	General store	C (Ohara)	Trial farm operation
02-095	Sep 2002	Parts for	SIDE ARM L	Matsuyama	1	3,280			FD	General store	C (Ohara)	Trial farm
02-096	Sep 2002	HL2801B-3L Parts for	SEAL. OIL	Matsuyama	1	720			FD	General store	C (Ohara)	operation Trial farm
02-097	Sep 2002	HL2801B-3L Parts for	SEAL. OIL	Matsuyama	1	1,080			FD	General store	C (Ohere)	operation Trial farm
		HL2801B-3L		·								operation
02-098	Sep 2002	Parts for HL2801B-3L	O-RING WASHER	Matsuyama	1	60			FD	General store	C (Ohara)	Trial farm operation
03-001	Sep 2003	Book	Neem: a tree for	National	1		31,694		Library	ditto	LG	Teaching note
			solving global problems	Academy Press								preparation
03-002	Sep 2003	Book	Beyond inequalities:	SARDC	1		60,950		Library	ditto	LG	Teaching note
			women in southern Africa									preparation
03-003	Sep 2003	Book	Participatory learning	HED	1		46,322		Library	ditto	LG	Teaching note
			and action: a trainers									preparation
03-004	Sep 2003	Book	Opsions for regional	IDS	1		30,475		Library	ditto	LG	Teaching note
			integration in Southern Africa									preparation
03-005	Sep 2003	Printer	Deskjet 5550	HP	2		220,000		1.Administratio n, 2.EFT	ditto	LR	Report and Teaching note
												preparation
03-006	Oct 2003	Digital Video Camera	DCR-PC101	Sony	1			1,320	IU/CDU	ditto	DL	Recording trainings
03-007	Oct 2003	Memory Stick	Memory Stick 128MB	Lexar	5			98	EFT, RC, FD,	ditto	DL	Recording
03-008	Oct 2003	Video Capture	DCS-200	Media Dazzle	2			440	NM, CDU	ditto	DL	trainings Recording
		Board										trainings
03-009	Oct 2003	Software	Publisher for Windows XP	Microsoft	1			220	IU/CDU	ditto	DL	Pubication
03-010	Oct 2003	Software	Visio Standard for	Microsoft	1			325	IU/CĐU	ditto	DL	Report and
			Windows XP									Teaching note preparation
03-011	Oct 2003	Software	Premiere ver.6 for Windows XP	Adobe	1			980	IU/CDU	ditto	DL	Report and Teaching note
												preparation
03-012	Nov 2003	Software	Power Point 2003	Microsoft	1	25,001			Administration (Mr. Asai)	ditto	C(Mr.Asai)	Report and Teaching note
												preparation
03-013	Nov 2003	Computer (Laptop)	PRIUS	HITACHI] l	167,000			Administration (Mr. Asai)	ditto	C(Mr.Asai)	Report and Teaching note
22.21.4	7. 2004	. , ,,		,			2.055.000		<u> </u>	3144	D7	preparation
03-014	Feb 2004	Air conditioner			1	1	3,055,000		Library	ditto	DL	Cooling heavy duty
03-015	Feb 2004	Rotaly Mower						3,250	PC	General store	DI	photocopier Trial fann
								,				operation
03-016	Feb 2004	Batteries	_		5	i	450,000		FD	Workhshop	DL	Trial farm operation
03-017	Feb 2004	Shear machine			2		740,000		FD	Worklishop	DL	Farming tool
03-018	Feb 2004	Electric Hand		<u> </u>	2	2	661,000		FD	Workhshop	DL	fabrication Farming tool
		Drill	 		ļ	ļ				,		fabrication
03-019	Feb 2004	Electric Grinder (Handy type)			<u> </u>	<u> </u>	250,000		FD	Workhshop	DL	Farming tool fabrication
03-020	Feb 2004	Battery Charger]		245,000		FD	Workhshop	DL	Trial farm
03-021	Feb 2004	Circuit Tester			2	2	136,000		FD	General store	DL	operation Trial farm
03-022	Feb 2004	Torque Wrench		 	4	1	480,000	<u> </u>	FD	General store	DI.	operation Farming tool
					<u> </u>	<u> </u>						fabrication
03-023	March 2004	Photocopier	IR6000	Canon			27,273,750	-	Library	ditto	DL	Report and Teaching note
						<u> </u>		<u> </u>				preparation
03-024	Feb 2004 Feb 2004	Software PC cable with	MAPSEND CD-ROM	<u> </u>	1	18,500 16,800			WM WM	ditto	C(Mr.Uno) C(Mr.Uno)	Survey Survey
03-023	1 00 2004	cigarette lighter	:		'	10,000		! !	, · · · · ·]	~
03-026	Feb 2004	adapter USB charge		 		3 14,500	<u> </u>		WM	ditto	C(Mr.Uno)	Survey
03-027	Feb 2004	Rain Gauge	No.34-T					i i	WM	ditto	C(Mr.Uno)	Survey





JICA No.	Delivered	Name	Model (Title)	Maker	Qty. Acquired	(\)	Unit Price (Tsh.)	(USD)	Section in Charge	Place to store	Means of Purchase*	Purpose
03-028	Feb 2004	Logger	AMENBHO RF-3		. 1	23,800			WM	ditto	C(Mr.Uno)	Survey
)3-029	Feb 2004	Software	RF00S1		1	6,850			WM	ditto	C(Mr.Uno)	Survey
03-030	Feb 2004	Fax	KX-FP362BX	Panasonic	1		300,000		Administration (Moshi Office)	ditto	LG	Communication
03-031	Feb 2004	Reflectmeter	RQ Flex2		2	91,000			RC		D	Soil analysis
03-032	Feb 2004	Reflectquant	Iron test(×50)		4	4,560			RC ·	Laboratory	D	Soil analysis
03-033	Feb 2004	Reflectquant	pH test(×50)		10	4,560			RC	Laboratory	D	Soil analysis
03-034	Feb 2004	Reflectquant	Manganese test(×50)		4	7,980			RC	Laboratory	D	Soil analysis
03-035	Fcb 2004	Reflectquant	Phosphate test(×50)		10	7,980			RC	Laboratory	D	Soil analysis
03-036	Feb 2004	Reflectquant	Potassium test(×50)		4	7,980			RC	Laboratory	D	Soil analysis
03-037	Feb 2004	Reflectquant	Ammonium test(×50)		10	7,980			RC	Laboratory	D	Soil analysis
03-038	Feb 2004	Reflectquant	Chlorine test(×50)		10	6,840			RC	Laboratory	D	Soil analysis
03-039	Feb 2004	Reflectquant	Nitrate test(×50)		4	4,560			RC		D	Soil analysis
03-032	Feb 2004	Reflectquant	Magnesium test(×50)		4	9,120			RC	Laboratory	D	Soil analysis
03-040	Feb 2004	Reflectquant	Calcium test(×50)		10	9,120			RC	Laboratory	D	
			SE-5	TI	10			-		,	D	Soil analysis
03-042	May 2004	Distillation	SE-3	Ikemoto	1	210,000			RC	Laboratory		Soil analysis
03-043		Heater for water distiller			2	8,400			RC	Laboratory	D	Soil analysis
03-044	May 2004	Pump (Hand tractor driven)	KL-65H	KARUI	2	73,000			RC	General store	D	for practice session of
												training courses
03-045	May 2004	Special accesary	Hexagon nipple	KARUI	6	3,470			RC	General store	D	for practice
		for KL-65H	·									session of
												training courses
03-046	May 2004	Special accesary	Elbor	KARUI	2	2,500			RC	General store	D	for practice
		for KL-65H										session of
	<u> </u>							 				training courses
03-047	May 2004	1 * "	Hose cup ring	KARUI	4	3,900			RC	General store	D	for practice
!	i	for KL-65H		Ì								session of
	ļ	<u></u>						<u></u>				training courses
03-048	May 2004	Special accesary	Suction hose	KARUI	2	10,700			RC	General store	D	for practice
l		for KL-65H										session of
	·											training courses
03-049	May 2004	Special accesary	Hose band	KARUI	6	460			RC	General store	D	for practice
1	1	for KL-65H			1							session of
								i 				training courses
03-050	May 2004	Special accesary	Straighter	KARUI	2	3,500			RC	General store	D	for practice
	1	for KL-65H		j	İ							session of
												training courses
03-051	May 2004	Spare parts for	Mechanical seal	KARUI	2	5,700			RC	General store	D	for practice
		KL-65H										session of
												training courses
03-052	May 2004	Spare parts for	Packing	KARUI	2	630			RC	General store	D	for practice
		KL-65H							ŀ			session of
									ļ			training courses
03-053	May 2004		O-ring	KARUI	. 2	250			RC	General store	D	for practice
		KL-65H		1								session of
									<u></u>			training courses
03-054	May 2004		Impeller	KARUI	2	4,400			RC	General store	р	for practice
	ļ	KL-65H		1								session of
												training courses
03-055	May 2004	Spare parts for	Bearing	KARUI	[2	1,450	1		RC	General store	D	for practice
		KL-65H							1			session of
00.056	16 2004	5	D 10	TE A DITT		C 200			D.C.			training courses
03-056	May 2004	Spare parts for	Pump shaft	KARUI	2	5,280			RC	General store	D	for practice
		KL-65H								Ì		session of
03.065	N 4 2004		D	IZ A DI II		6 200			D.C.	G	D	training courses
03-057	May 2004	Spare parts for	Pump case	KARUI	2	5,300			RC	General store	ח	for practice
		KL-65H			ļ i							session of
03-058	May 2004	Rotary tiller	LX-1900NA	Niplo		500,000	·		FD	General store	n -	Trial form
<i>√2-</i> 028	IVIAY 2004	Izotary mier	LA-1500IVA		1	200,000		1	יין	deneral store	<i>-</i>	Trial farm
	1	ĺ		(Matsuyam					I	Į.	1	operation
713_050	Mass 2004	Blade for IV	A\$21.G		221	1 000			FD	General store	<i>D</i>	Trial form
03-059	May 2004	Blade for LX-	AS2LG	Niplo	22	1,820			FD	General store	D	Trial farm
03-059	May 2004	Blade for LX- 1900NA	AS2LG		22	1,820			FD	General store	D	Trial farm operation
		1900NA		Niplo (Matsuyam a)								operation
03-059		1900NA Blade for LX-	AS2LG AS2RG	Niplo (Matsuyam a) Niplo	22	1,820 1,820			FD FD	General store		operation Trial farm
		1900NA		Niplo (Matsuyam a)								operation
03-060	May 2004	1900NA Blade for LX- 1900NA	AS2RG	Niplo (Matsuyam a) Niplo (Matsuyam a)	22	1,820			FD	General store	D	operation Trial farm operation
		1900NA Blade for LX- 1900NA Spare parts for		Niplo (Matsuyam a) Niplo							D	Operation Trial farm Operation Trial farm
03-060 03-061	May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT	AS2RG ASSY PUMP, OIL	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota	22	1,820 4,150			FD FD	General store	D D	operation Trial farm operation Trial farm operation
03-060	May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for	AS2RG	Niplo (Matsuyam a) Niplo (Matsuyam a)	22	1,820 4,150			FD	General store	D D	operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062	May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota	22	1,820 4,150 50			FD FD	General store General store General store	D D	operation Trial farm operation Trial farm operation Trial farm operation
03-060 03-061	May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for	AS2RG ASSY PUMP, OIL	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota	22	1,820 4,150			FD FD	General store	D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062	May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota	22	1,820 4,150 50			FD FD	General store General store General store	D D D	operation Trial farm operation Trial farm operation Trial farm operation
03-060 03-061 03-062 03-063	May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota	22	1,820 4,150 50 1,450			FD FD FD	General store General store General store	D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062 03-063	May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZŁE	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota	22	1,820 4,150 50 1,450 4,550			FD FD FD FD	General store General store General store General store General store	D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062 03-063 03-064	May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota	22	1,820 4,150 50 1,450			FD FD FD	General store General store General store	D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation
03-060 03-061 03-062 03-063 03-064	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZŁE SHAFT PTO	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5	1,820 4,150 50 1,450 4,550 5,400			FD FD FD FD	General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062 03-063 03-064 03-065	May 2004 May 2004 May 2004 May 2004	Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZŁE	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota	22	1,820 4,150 50 1,450 4,550 5,400			FD FD FD FD FD FD	General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm operation Trial farm oneration Trial farm operation Trial farm
03-060 03-061 03-062 03-063 03-064 03-065 03-066	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZLE SHAFT PTO STUD	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5 4	1,820 4,150 50 1,450 4,550 5,400			FD FD FD FD FD FD	General store General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm oneration Trial farm operation
03-060 03-061 03-062 03-063 03-064 03-065 03-066	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZŁE SHAFT PTO	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5	1,820 4,150 50 1,450 4,550 5,400			FD FD FD FD FD FD	General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm
03-060 03-061 03-062 03-063 03-064 03-065 03-066	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZLE SHAFT PTO STUD	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5 4	1,820 4,150 50 1,450 4,550 5,400 540			FD FD FD FD FD FD	General store General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm oneration Trial farm operation
03-060 03-061 03-062 03-063 03-064 03-065 03-066	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	1900NA Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZLE SHAFT PTO STUD NUT PLATE, FRICTION	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5 4 16	1,820 4,150 50 1,450 4,550 5,400 540			FD FD FD FD FD FD	General store General store General store General store General store General store General store	D D D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation
03-060 03-061 03-062 03-063 03-064 03-065	May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004 May 2004	Blade for LX- 1900NA Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT Spare parts for M5400DT	AS2RG ASSY PUMP, OIL GASKET, OIL PUMP GLOW PLUG PIECE, NOZZLE SHAFT PTO STUD NUT	Niplo (Matsuyam a) Niplo (Matsuyam a) Kubota Kubota Kubota Kubota Kubota Kubota Kubota Kubota Kubota	22 2 2 10 5 4 16	1,820 4,150 50 1,450 4,550 5,400 540 250 3,600			FD FD FD FD FD FD	General store General store General store General store General store General store General store	D D D D D D D D D D D D D D D	operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm operation Trial farm





	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price		Section in	Place to	Means of	Purpose
No. 03-070	3.5 2004	C	DI ATT	77-2-4-	Acquired	(\)	(Tsh.)	(USD)	Charge	store	Purchase*	
03-070	_	Spare parts for M5400DT	PLATE	Kubota	4	9,000			FD	General store	ט	Trial farm operation
03-071	May 2004	Spare parts for	PLATE	Kubota	2	9,000			FD	General store	D	Trial farm
03-072	May 2004	M5400DT Spare parts for	SEAL, OIL	Kubota	4	590	-		FD	General store	D.	operation Trial farm
		M5400DT										operation
03-073	May 2004	Spare parts for M5400DT	BEARING, TAPER- ROLLER	Kubota	4	1,500			FD	General store	D	Trial farm operation
03-074	May 2004	Spare parts for	BEARING, TAPER-	Kubota	4	1,150			FD	General store	D .	Trial farm
03-075	May 2004	M5400DT Spare parts for	ROLLER COVER, DUST	Kubota	4	3,000			FD	General store	D	operation Trial farm
		M5400DT										operation
03-076	May 2004	Spare parts for M5400DT	HUB, FRONT AXLE	Kubota	2	10,600			FD	General store	D	Trial farm operation
03-077	May 2004	Spare parts for	PROPELLER SHAFT	Kubota	2	6,400			FD	General store	D	Trial farm
03-078	May 2004	M5400DT Spare parts for	ASSY TIE ROD	Kubota	4	14,800			FD	General store	D	operation Trial farm
		M5400DT			, i	_						operation
03-079	May 2004	Spare parts for M5400DT	END, TIE ROD	Kubota	.4	5,450	į		FD	General store	D	Trial farm operation
03-080	May 2004	Spare parts for	O RING	Kubota	4	210	,		FD	General store	D	Trial farm
03-081	May 2004	M5400DT Spare parts for	HYD. PUMP	Kubota	2	75,000			FD	General store	D	operation Trial farm
		M5400DT				,				Ochorn Store		operation
03-082	May 2004	Spare parts for M5400DT	FILTER	Kubota	4	2,300			FD	General store	D	Trial farm operation
03-083	May 2004	Spare parts for	ASSY VALVE,	Kubota	2	3,500			FD	General store	D	Trial farm
03-084	May 2004	M5400DT Spare parts for	SAFETY ASSY VALVE	Kubota	2	19,100			FD	General store	D	operation Trial farm
		M5400DT										operation
03-085	May 2004	Spare parts for M5400DT	PISTON, HYD. CYLINDER	Kubota	2	9,550			FD	General store	D	Trial farm operation
03-086	May 2004	Spare parts for	O RING	Kubota	2	160			FD	General store	D	Trial farm
03-087	May 2004	M5400DT Spare parts for	ROD, HYD. PISTON	Kubota	2	3,450			FD	General store	D	operation Trial farm
02.000		M5400DT		25.1								operation
03-088	May 2004	Spare parts for M5400DT	O RING	Kubota	2	80			FD	General store	D	Trial farm operation
03-089	May 2004	Spare parts for M5400DT	VALVE, CONTROL	Kubota	2	26,000			FD	General store	D	Trial farm
03-090	May 2004	Spare parts for	O RING	Kubota	2	910			FD	General store	D	Operation Trial farm
03-091	May 2004	M5400DT Spare parts for	SEAL, OIL	Kubota	2	2,000	i		FD	General store	D.	operation Trial farm
		M5400DT	, , , , , , , , , , , , , , , , , , ,	Kuona					ГD			operation
03-092	May 2004	Spare parts for M5400DT	ASSY SEAL, MECHANICAL	Kubota	2	870			FD	General store	D	Trial farm operation
03-093	May 2004	Spare parts for	TUBE, FUEL	Kubota	2	240			FD	General store	D	Trial farm
03-094	May 2004	M5400DT Spare parts for	SEAL	Kubota	4	2,100			FD	General store	D	operation Trial farm
		M5400DT						•				operation
03-095		Spare parts for M5400DT	SEAL, OIL	Kubota] 2	540			FD	General store	D	Trial farm operation
03-096	May 2004	Spare parts for	SLEEVE	Kubota	2	1,100			FD	General store	D	Trial farm
03-097	May 2004	M5400DT Spare parts for	BUSH	Kubota	8	900			FD	General store	D	operation Trial farm
01.000	343004	M5400DT	SEAL, OIL			1 100			ED	0 1.		operation
03-098	May 2004	Spare parts for M5400DT		Kubota	8	1,100			FD	General store	D	Trial farm operation
03-099	May 2004	Spare parts for M5400DT	SEAL, OIL	Kubota	8	1,600			FD	General store	D	Trial farm
03-100	May 2004	Spare parts for	BEARING, BALL	Kubota	8	2,100			FD	General store	D	operation Trial farm
03-101	May 2004	M5400DT Spare parts for	BEARING, BALL	Kubota	8	2,050	1		FD	General store	n	operation Trial farm
		M5400DT	·									operation
03-102	May 2004	Spare parts for M5400DT	BEARING, BALL	Kubota	8	1,400			FD	General store	D	Trial farm
03-103	May 2004	Spare parts for	BEARING, BALL	Kubota	2	590			FD	General store	D	Operation Trial farm
03-104	May 2004	M5400DT Spare parts for	ASSY ALTERNATOR	Kubota	2	24,000			FD	General store	D	operation Trial farm
L		M5400DT					į					operation
03-105	May 2004	Spare parts for M5400DT	ASSY DISC, CLUTCH	Kubota	4	14,000	1 1 1		FD	General store	טן	Trial farm operation
03-106	May 2004	Spare parts for		Kubota	2	47,000			FD	General store	D	Trial farm
03-107	May 2004	M5400DT Spare parts for	O RING	Kubota	4	420			FD	General store	D	Operation Trial farm
03-108		M5400DT Spare parts for	SHAFT, STEERING									operation
		M5400DT		Kubota	2	3,800	1		FD	General store		Trial farm operation
03-109	May 2004	Spare parts for M5400DT	O RING	Kubota	4	420			FD	General store	D	Trial farm
03-110	May 2004	Spare parts for	SEAL	Kubota	4	2,800	1		FD	General store	D	Operation Trial farm
03-111	May 2004	M5400DT Spare parts for	BUSH, COLUMN	Kubota	2	540			FD	General store	D	operation Trial farm
	_	M5400DT					ĺ					operation
03-112	May 2004	Spare parts for MBP-2218	LOCK WASHER	STAR	1	420	1		FD	General store	D	Trial farm operation
03-113	May 2004	Spare parts for	BOLT	STAR	8	170			FD	General store	D	Trial farm
,	L.,	MBP-2218			<u> </u>					l		operation





JICA	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price		Section in	Place to	Means of	Purpose
No.					Acquired	(/)	(Tsh.)	(USD)	Charge	store	Purchase*	
03-114	May 2004	Spare parts for MBP-2218	BOLT	STAR	8	150			FD	General store	D	Trial farm operation
03-115	May 2004	Spare parts for	BOLT	STAR	8	200			FD	General store	D	Trial farm
03-116	May 2004	MBP-2218 Spare parts for	BOLT	STAR	8	200			FD	General store	D	operation Trial farm
	_	MBP-2218							I'D	General store	D	operation
03-117	May 2004	Spare parts for MBP-2218	GASKET	STAR	2	4,750			FD	General store	D	Trial farm
03-118	May 2004	Spare parts for	CHAIN, SUPER	STAR	2	15,200			FD	General store	D	Operation Trial farm
02.110	2004	MBP-2218	BLADE ASSY	OTAD	10	(500			TIPS	0 11		operation
03-119	May 2004	Spare parts for MBP-2218	BLADE ASSY	STAR	12	6,500			FD	General store	D	Trial farm operation
03-120	May 2004	Spare parts for	SQUARE NECK	STAR	96	300			FD	General store	D	Trial fann
03-121	May 2004	MBP-2218 Spare parts for	BOLT COLTER DISK	STAR	1	20,300			FD	General store	D	operation Trial farm
		MBP-2218										operation
03-122	May 2004	Spare parts for MBP-2218	BLADE ASSY	STAR	8	21,500			FD	General store	D	Trial farm operation
03-123	May 2004	Spare parts for	NUT	STAR	96	60			FD	General store	D	Trial farm
03-124	May 2004	MBP-2218 Spare parts for	O RING	STAR	1	380	-		FD	General store	D	Operation Trial farm
		MBP-2218		<u> </u>								operation
03-125	May 2004	Spare parts for MBP-2218	SEAL, OIL	STAR	2	660			FD	General store	D	Trial farm operation
03-126	May 2004	Spare parts for	UNIVERSAL JOINT	STAR	1	22,200			FD	General store	D	Trial farm
03-127	May 2004	MBP-2218 Spare parts for	UNIVERSAL JOINT	STAR	 	22,200			FD	General store	D	operation Trial farm
<u></u>		MBP-2218			ļ <u>'</u>							operation
03-128	May 2004	Spare parts for MBP-2218	BEARING	STAR	4	1,130			FD	General store	D	Trial farm operation
03-129	May 2004		CHAIN, SUPER	STAR	1	15,200			FD	General store	D	Trial farm
03-130	May 2004	MBP-2218 Spare parts for	CHAIN CASE	STAR	1	14,600			FD	General store	D	operation Trial farm
03-130	May 2004	MBP-2218	CHAIN CASE	DIAK	1	14,600			עדו	General store	ח	operation
03-131	May 2004	Spare parts for	SEAL, OIL	KOBASHI	3	6,000			FD	General store	D	Trial farm
03-132	May 2004	KA187T-3L Spare parts for	WHEEL	KOBASHI	1	23,100	-		FD	General store	D	operation Trial farm
00.100	2004	KA187T-3L	G. D.	T 0 0 1 0 1 1							_	operation
03-133	May 2004	Spare parts for KA187T-3L	CAP	KOBASHI	3	780			FD	General store	Ď	Trial farm operation
03-134	May 2004	Spare parts for	STOP LINK	KOBASHI	3	120			FD	General store	D	Trial farm
03-135	May 2004	KA187T-3L Spare parts for	BEARING	KOBASHI	3	1,050			FD	General store	D	operation Trial farm
		KA187T-3L										operation
03-136	May 2004	Spare parts for KA187T-3L	OIL SEAL	KOBASHI	4	830			FD	General store	D	Trial farm operation
03-137	May 2004	Spare parts for	JOINT KUC - 80	KOBASHI	2	100,000			FD	General store	D	Trial farm
03-138	May 2004	KA187T-3L Spare parts for	ASSY CLUTCH,	Kubota	. 5	24,000			FD	General store	D	operation Trial farm
		K120	MAIN		Ĭ							operation
03-139	May 2004	Spare parts for K120	COVER, CLUTCH PULLEY	Kubota	4	3,600			FD	General store	D	Trial fann
03-140	May 2004	Spare parts for	ASSY BRAKE	Kubota	4	3,850			FD	General store	D	Trial farm
03-141	May 2004	K120 Spare parts for	ASSY PULLEY,	Kubota	5	6,100			FD	General store	D	operation Trial farm
05-141		K120	TENSION							General store		operation
03-142	May 2004	Spare parts for	CHAIN	Kubota	5	5,650			FD	General store	D	Trial farm
03-143	May 2004	K120 Spare parts for	SEAL, OIL	Kubota	2	690			FD	General store	D	operation Trial farm
03-144	Mass 2004	K120 Spare parts for	SEAL, OIL	Kubota	2	280			FD	General store	D	operation Trial farm
V3-144		K120		KUDUM		280				Ocherai store	1.7	Trial farm operation
03-145	May 2004	Spare parts for	WHEEL. REAR	Kubota	2	5,100			FD	General store	D	Trial farm
03-146	May 2004	K120 Spare parts for	SEAL, OIL	Kubota	5	230	-		FD	General store	D	operation Trial farm
02 147	Ma-: 2004	K120	SEAL OF	Varle -+-	ļ <u>.</u>	1/5			ED			operation
03-147		Spare parts for K120	SEAL, OIL	Kubota	5	160			FD	General store	ע	Trial farm operation
03-148	May 2004	Spare parts for	AXLE	Kubota	4	8,000			FD	General store	D	Trial farm
03-149	May 2004	K120 Spare parts for	HUB WHEEL	Kubota	4	3,500		<u></u>	FD	General store	D	operation Trial farm
		K120_										operation
03-150	May 2004	Spare parts for K120	SEAL, OIL	Kubota	4	1,750			FD	General store	מן	Trial farm operation
03-151	May 2004	Spare parts for	SEAL, OIL	Kubota	5	200			FD	General store	D	Trial farm
03-152	May 2004	K120 Spare parts for	WIRE, STEERING	Kubota	. 5	1,650			FD	General store	D	operation Trial farm
L		K120	CLUTCH									operation
03-153	May 2004	Spare parts for K120	CHAIN	Kubota	- 5	5,650			FD	General store	D	Trial farm operation
03-154	May 2004	Spare parts for	TIGHTNER	Kubota	2	350			FD	General store	D	Trial farm
03-155	Mass 2004	K120 Spare parts for	SEAL, OIL	Kubota	10	1,500			FD	General store	D	operation Trial farm
		K120			10			<u> </u>				operation
03-156	May 2004	Spare parts for	GRIP, REAR WHEEL	Kubota	4	960			FD	General store	D	Trial farm
03-157	May 2004	K120 Spare parts for	HANDLE, R -	Kubota	4	2,000	-		FD	General store	D	operation Trial farm
, L	<u> </u>	K120	WHEEL	<u> </u>	<u></u>	l <u>.</u>	<u>. </u>	<u> </u>	<u> L'</u>	<u> </u>		operation





JICA	Delivered 1	Name I	Model (Title)	Maker	Qty.		Unit Price	15	Section in		Means of	Purpose
No.					Acquired	(\)	(Tsh.)	<u> </u>		store General store	Purchase*	Trial farm
03-158			WASHER	Kubota	8	35		[1	FD	General store	<i>D</i>	operation
03-159		K120 Spare parts for	CIR CLIP,	Kubota	8	10	<u> </u>	F	FD	General store	D	Trial farm
		K120	EXTERNAL COVER	Kubota	4	810			FD	General store	D	Operation Trial farm
03-160		Spare parts for K120	OVER	Nubola		i						operation
03-161		- Print P	BOLT	Kubota	16	20]1	FD	General store	D i	Trial farm operation
03-162	May 2004	K120 Spare parts for	GASKET	Kubota	4	25		1	FD	General store	D	Trial farm
		K120				2.000	<u> </u>		FD	General store	D	operation Trial farm
03-163	May 2004	Spare parts for K120	CASE, BEVEL GEAR	Kubota	4	2,000			עז			operation
03-164	May 2004		BOLT SET	Kubota	4	260		,	FD	General store	D	Trial farm operation
02.165	2400 2004	K120 Spare parts for	NUT	Kubota	4	15	 -	-	FD	General store	D	Trial farm
03-165	May 2004	K120	NO 1								D	operation Trial farm
03-166	May 2004	-F 1	COLLAR, THRUST	Kubota	4	90		ŀ	FD	General store	ען	operation
03-167	May 2004	K120 Spare parts for	GEAR, BEVEL	Kubota	4	2,700			FD	General store	D	Trial farm
		K120	DDI GDODIO	V-shoto	8	20	 		FD	General store	D	operation Trial farm
03-168	May 2004	Spare parts for K120	PIN, SPRING	Kubota	o	20						operation
03-169	May 2004	Spare parts for	GEAR, BEVEL	Kubota	4	3,000		1	FD	General store	D	Trial farm operation
03-170	May 2004	K120 Spare parts for	ASSY WHEEL,	Kubota	2	19,000			FD	General store	D	Trial farm
05-170	Way 2004	K120	SINGLE R		<u> </u>		<u> </u>		ED	General store	D	operation Trial farm
03-171	May 2004	DPer F F	ASSY PULLEY, TENSION	Kubota	5	3,300			FD	General store		operation
03-172	May 2004	K120 Spare parts for	COVER, (B). TEN-	Kubota	5	80			FD	General store	D	Trial farm
	<u> </u>	K120	PULLEY	ļ	 			31 311	Transportation	Workhshop	DL	Operation Travelling to
03-173	Apr 2004	Double cabin	Mitsubishi		1			31,311	Unit		<u> </u>	model sites
04-001	July 2004	UPS	Desklite range SDL500	Scott	1		85,000		IU/CDU	dítto	LG	General office
04-002	Aug 2004	Computer	PC-LG17FWTGH	NEC	3	307,000)		(1)RC (2)EFT	ditto	С	Report and
04-002	Aug 2004	(Laptop)	10 501/1 // 10/1						(3) WM		1	Teaching note
01.000	1 2001	0.0	Office XP professional	Microsoft	3	60,000)		(1)RC (2)EFT	ditto	С	nreparation Report and
04-003	Aug 2004	Software	2003	Microsoft] 00,000		ļ	(3) WM			Teaching note
		<u> </u>	4 (77	G		57,000	1		(1)RC (2)EFT	ditto	С	oreoaration General office
04-004	Aug 2004	Software	Norton Anti-Virus 2004(Japanese)	Symantec					(3) WM		<u> </u>	use
04-005	Aug 2004	Battery pack	PCF-AB6530	HITACHI]	7,900)	į	Administration (Mr. Asai)	ditto	C	Report and Teaching note
									(MI. ASM)			preparation
04-006	Oct 2004	UPS	Back-UPS 650	APC		i i	160,000		IU/CDU	ditto	LG	General office use
04-007	Oct 2004	Tonner cortridge	Black (C4191A)	HP	-	5	700,000	ļ	IU/CDU	ditto	DL	Report and
04-007	OCI 2004	kit for	Diack (C-17171)	ļ"								Teaching note
21.000	0.12004	Laserwriter Tonner cartridge	Cyan (C4192A)	HP		5	700,000	<u> </u>	IU/CDU	ditto	DL	preparation Report and
04-008	Oct 2004	kit for	Cyan (C4192A)	,,,		1	, , , , , ,				1	Teaching note
	- 2001	Laserwriter	Magenda (C4193A)	HP	4		700,000	<u> </u>	IU/CDU	ditto	DL	preparation Report and
04-009	Oct 2004	kit for	Magenda (C4193A)	1731	'	1	700,000		10,020		-	Teaching note
L		Laceromiter	78110110	IIID.		5	700,000	<u> </u>	IU/CDU	ditto	DL	preparation Report and
04-010	Oct 2004	Tonner cartridge kit for	Yellow (C4194A)	HP	1	1	700,000	•	lo/cbu	Tunio I		Teaching note
	<u> </u>	Laserwriter		ļ <u> </u>				19/	0 IU/CDU	ditto	DL	Report and
04-011	Oct 2004	Drum kit for HP Laserwriter	C4195A	HP		5		100	JIO/CDO	Tunto Tunto	I DE	Teaching note
		4550					_i		altition I	3:44.	DL	Dreparation Report and
04-012	2 Oct 2004	Fuser kit for HP	C4198A	HP		1		340	0 IU/CDU	ditto	IDL.	Teaching note
	_ <u>L</u>	Laserwriter 4550					 	<u> </u>	0 77 7 (0 77 7	13:40	- In	preparation
04-013	3 Oct 2004	Transfer kit for	C4196A	HP		1		550	0 IU/CDU	ditto	DL	Report and Teaching note
İ		HP Laserwriter 4550						<u> </u>	<u> </u>			preparation
04-014	4 Oct 2004		Designjet 500 printer	HP		1		4,100	0 Administration	Computer Room	DL	Report and Teaching note
1			(42-inch model)									preparation
04-01	5 Oct 2004	1	Front shock absorber		1	12	102,000	×	Transportation	General sto	re DL	Travelling to model sites
04-01	6 Oct 2004	Nissan patrol Spare parts for	Rear shock absorber	1	1	2	102,000	5	Unit Transportation	General sto	re DL	Travelling to
04-010	0 001 2004	Nissan patrol						<u> </u>	Unit		I DI	model sites Travelling to
04-01	7 Oct 2004		Frot brake pad			6	95,000	ال	Transportation Unit	General sto	I C DL	model sites
04-01	8 Oct 2004	Nissan patrol Spare parts for	Rear brake shoe	 	1	6	86,000	0	Transportation	General sto	ore DL	Travelling to
		Nissan patrol	Charles			4	186,000	1	Unit Transportation	General sto	nre DL	model sites Travelling to
04-01	9 Oct 2004	Spare parts for Nissan patrol	Clutch cover						Unit			model sites
04-02	0 Oct 2004	Spare parts for	Clutch disk			4	108,000	0	Transportation	General sto	ore DL	Travelling to model sites
04-02	1 Oct 2004	Nissan patrol Spare parts for	Release bearing	-		4	35,000	o	Unit Transportation	n General sto	ore DL	Travelling to
[V4-V2	1	Nissan patrol					<u> </u>		Unit		DE DE	model sites Travelling to
04-02	2 Oct 2004		Air cleaner element			4	38,000	VI	Transportation Unit	General sto	ne DL	model sites
04.00		Nissan patrol	Carlest tip and parter			4	68,00	ol.	Transportation	n General sto	re DL	Travelling to
04-02	23 Oct 2004	Spare parts for	Socket tie rod outer		- 1	*	00,00	· ·	Unit	. Concia in		model sites



JICA	Delivered	Name	Model (Title)	Maker	Qty. Acquired	Unit Price	(USD)	Section in Charge	Place to	Means of Purchase*	Purpose
No. 04-024	Oct 2004	Spare parts for	Socket tie rod inner		Acquired 4	(\) (Tsh.) 68,000		Transportation	store General store		Travelling to
04-025	Oct 2004	Nissan patrol Spare parts for	Oil filter		24	11,500	i. !	Unit Transportation	General store	DL	model sites Travelling to
04-026	Oct 2004	Nissan patrol Spare parts for	Clutch M/cyl repair		4	28,000		Unit Transportation	General store	DL	model sites Travelling to
04-027		Nissan patrol	-		4	75,000		Unit Transportation	General store		model sites Travelling to
	Oct 2004	Spare parts for Nissan patrol	Brake m/cyl repair					Unit			model sites
04-028	Oct 2004	Spare parts for Nissan patrol	Engine mounting		12	68,000		Transportation Unit	General store	DL	Travelling to model sites
04-029	Oct 2004	Spare parts for Nissan patrol	Gear mounting		12	68,000		Transportation Unit	General store	DL	Travelling to model sites
04-030	Oct 2004	Spare parts for	Bush lower link		12	26,000		Transportation	General store	DL	Travelling to
04-031	Oct 2004	Nissan patrol Spare parts for	Stabilizer bush small	-	12	8,000		Unit Transportation	General store	DL	model sites Travelling to
04-032	Oct 2004	Nissan patrol Spare parts for	Rear stabilizer bush		12	1,500		Unit Transportation	General store	DL	model sites Travelling to
04-033	Oct 2004	Nissan patrol Spare parts for	Bush rear suspension		48	25,000		Unit Transportation	General store	DL	model sites Travelling to
04-034	Oct 2004	Nissan patrol Spare parts for	Front coil spring left		8	218,000	1	Unit Transportation	General store		model sites Travelling to
		Nissan patrol				Í		Unit			model sites
04-035	Oct 2004	Spare parts for Nissan patrol	Front prop cross joint		8	68,000		Transportation Unit	General store		Travelling to model sites
04-036	Oct 2004	Spare parts for Nissan patrol	Rear prop shaft cross joint		8	68,000		Transportation Unit	General store	DL	Travelling to mode) sites
04-037	Oct 2004	Spare parts for Nissan patrol	Rear M/cyl repair		4	24,000		Transportation Unit	General store	DL	Travelling to model sites
04-038	Oct 2004	Spare parts for	Front wheel stud		24	3,500		Transportation	General store	DL-	Travelling to
04-039	Oct 2004	Nissan patrol Spare parts for	Rear wheel stud		24	3,800		Unit Transportation	General store	DL	model sites Travelling to
04-040	Oct 2004	Nissan patrol Spare parts for	Front brake disc		12	138,000).	Unit Transportation	General store	DL	model sites Travelling to
	Oct 2004	Nissan patrol	Tie rod complete		4	298,000		Unit Transportation	General store		model sites Travelling to
04-041		Spare parts for Nissan patrol			`			Unit			model sites
04-042	Oct 2004	Spare parts for Nissan patrol	Front coil spring right		8	218,000) <u>i</u>	Transportation Unit	General store	DL	Travelling to model sites
04-043	Oct 2004	Spare parts for Nissan patrol	Upper ball joint		8	345,000)	Transportation Unit	General store	DL	Travelling to model sites
04-044	Oct 2004	Spare parts for	Lower ball joint		8	365,000		Transportation	General store	DL	Travelling to
04-045	Oct 2004	Nissan patrol Spare parts for	Tension rod bush		8	29,800)	Unit Transportation	General store	DL	model sites Travelling to
04-046	Oct 2004	Nissan patrol Spare parts for	Upper ann bush		4	38,000		Unit Transportation	General store	DL	model sites Travelling to
04-047	Oct 2004	Nissan patrol Spare parts for	Lower arm bush		4	16,000		Unit Transportation	General store	DI.	model sites Travelling to
		Nissan patrol		ļ		130,000		Unit Transportation	General store		model sites
04-048	Oct 2004	Spare parts for Nissan patrol	Workshop manual					Unit			Travelling to model sites
04-049	Oct 2004	Spare parts for Toyota Land	Piston kit brake (04493-60320)			42,000		Transportation Unit	General store	DL	Travelling to model sites
04-050	Oct 2004	Cruiser Spare parts for	Gasket kit engine	ļ	I	168,000)	Transportation	General store	DL.	Travelling to
		Toyota Land Cruiser	(04111-17050)					Unit			model sites
04-051	Oct 2004	Spare parts for	Element kit (04234-		4	12,000)	Transportation	General store	DL	Travelling to
<u> </u>		Toyota Land Cruiser	68010)					Unit			model sites
04-052	Oct 2004	Spare parts for Toyota Land	Pad kit, disc brake (04465-60151)		2	52,000)[Transportation Unit	General store	DL	Travelling to model sites
04-053	Oct 2004	Cruiser Spare parts for	Pad kit, disc brake	<u> </u>	,	52,000		Transportation	General store	DI	Travelling to
04-033	Oct 2004	Toyota Land	(04466-60040)		_	32,000	1	Unit	General store		model sites
04-054	Oct 2004	Craiser Spare parts for	Shoe kit brake RR		2	58,000		Transportation	General store	DL	Travelling to
		Toyota Land Cruiser	(04495-60060)					Unit	<u>. </u>		model sites
04-055	Oct 2004	Spare parts for Toyota Land	Element sub assy (17801-67060)		4	38,000		Transportation Unit	General store	DL	Travelling to model sites
04.055	0-: 0001	Cruiser		<u> </u>	ļ	20.000	ļ		Coni :	DI	
04-056	Oct 2004	Spare parts for Toyota Land	Element assy fuel filter (23390-64480)		4	28,000	1	Transportation Unit	General store	1DF	Travelling to model sites
04-057	Oct 2004	Cruiser Spare parts for	Discs assy clutch		1	130,000)	Transportation	General store	DL	Travelling to
		Toyota Land Cruiser	(31250-60282)			,		Unit			model sites
04-058	Oct 2004	Spare parts for	Absorber shock FR		4	48,000)	Transportation	General store	DL	Travelling to
		Toyota Land Cruiser	(48511-69436)					Unit			model sites
04-059	Oct 2004	Spare parts for Toyota Land	Absorber shock RR (48531-69536)		4	48,000); 	Transportation Unit	General store	DL	Travelling to model sites
04-060	Oct 2004	Cruiser Spare parts for	Bush (48815-26020)		2	28,000	 	Transportation	General store	DI.	Travelling to
0-7-000	2004	Toyota Land	2231 (10012-20020)] 25,000		Unit	Somethin Store	_~~	model sites
04-061	Oct 2004	Cruiser Spare parts for	Bush stabilizer (48815-	 	2	13,000		Transportation	General store	DL	Travelling to
/L	<u>L</u>	Toyota Land Cruiser	60160)	<u> </u>			<u> </u>	Unit			model sites



JICA No.	Delivered	Name	Model (Title)	Maker	Qty. Acquired	(\)	Unit Price (Tsh.)	(USD)	Section in Charge	Place to store	Means of Purchase*	Purpose
04-062	Oct 2004	Spare parts for Toyota Land Cruiser	Filter oil (90915- 30002)		6		24,000		Transportation Unit	General store	DL	Travelling to model sites
04-063	Oct 2004	Tyre and tubes for Toyota Land cruiser		Yokohama	5		275,000		Transportation Unit	General store	DL	Travelling to model sites
)4-064	Oct 2004	Disk cutter			1:		250,000		FD	Workhshop	DL	Farming tool fabrication
04-065	Oct 2004	Rice huller	SB-10		2		1,300,000		FD	Workhshop	DL	Farming tool fabrication
04-066	Oct 2004	Desk top computer		Deli	2			1,600	IU/CDU	IU/CDU	DL	Report and Teaching note preparation
04-067	Nov 2004	Card reader/writer	8 in 1 USB1.1		6		70,000		RC, FD, WM, EFT, IU, Admin	RC, FD, WM, EFT, IU. Admin	LG	Report and Teaching note preparation
04-068	Jan 2005	GRAIN PACK	MOMI-PACK with FASTNER	KUBOTA	100	315			RC	General store	D	Trial farm operation
04-069	Jan 2005	POWER TILLER	K120 MAIN UNIT	KUBOTA	5	710,000			FD	Workhshop	D	Trial farm
04-070	Jan 2005	OPTIONAL ACCESSORY for K120	MODEL; DZ-2B-2 S/NO.2674/2675/2676/ 2677/2678	KUBOTA	5	247,000			FD	Workhshop	D	Operation Trial farm operation
04-071	Jan 2005	WORKSHOP MANUAL for	201112018	KUBOTA	5	3,000			FD	Workhshop	D	Trial farm operation
04-072	Jan 2005	K120 WORKSHOP MANUAL for RK125		KUBOTA	5	3,000			FD	Workhshop	D	Trial farm operation
04-073	Jan 2005	OPTIONAL ACCESSORY for K120	PADDY WHEEL	KUBOTA	5	125,000			FD	Workhshop	D	Trial farm operation
04-074	Jan 2005	OPTIONAL ACCESSORY for K120	CAGE WHEEL	KUBOTA	5	57,000			FD	Workhshop	D	Trial farm operation
04-075	Jan 2005	PARTS for K120	63891-3000 ASSY CLUTCH	KUBOTA	6	41,000			FD	General store	D	Trial farm
04-076	Jan 2005	PARTS for K120	09500 -15247 SEAL, OIL	KUBOTA	6	160			FD	General store	D	Trial farm
04-077	Jan 2005	PARTS for K120	63681 - 17170 SEAL, OIL	KUBOTA	12	1,750			FD	General store	D	Operation Trial farm
04-078	Jan 2005	PARTS for K120	63891 - 21240 BUSH, OIL SEAL	KUBOTA	6	260			FD	General store	D .	operation Trial farm
04-079	Jan 2005	PARTS for K120	09400 - 30488 SEAL, OIL	KUBOTA	6	200			FD	General store	D	Operation Trial fann operation
04-080	Jan 2005	PARTS for K120	6389 1 - 22000 ASSY BRAKE	KUBOTA	6	8,100			FD	General store	D	Trial farm
04-081	Jan 2005	PARTS for K120	63164 - 42310 WIRE, MAIN CLUTCH	KUBOTA	6	1,650			FD	General store	D	Trial farm
04-082	Jan 2005	PARTS for	63164 - 42110 LEVER SPEED	KUBOTA	6	2,100			FD	General store	D	Trial farm
04-083	Jan 2005	11720	63164 - 42490 WIRE, STEERING CLUTCH	KUBOTA	6	1,650			FD	General store	D	Operation Trial farm
04-084	Jan 2005		6389 1-52200 ASSY PULLEY, TENSION	KUBOTA	6	6,100			FD	General store	D	operation Trial farm
04-085	Jan 2005		63164 -31220 CHAIN	KUBOTA	3	6,650			FD	General store	D	Operation Trial farm
04-086	Jan 2005		09400 - 30488 SEAL,	KUBOTA	3	200			FD	General store	D	Operation Trial farm
04-087	Jan 2005	PARTS for	OIL 6389 1- 21240 BUSH,	KUBOTA	. 3	260			FD	General store	D	Operation Trial farm
04-088	Jan 2005	E I	OIL SEAL 63154 -34630 BOLT,	KUBOTA	12	830			FD	General store	D	Operation Trial farm
04-089	Jan 2005		ROTARY 63763 - 48310 ASSY	KUBOTA	6	2,100			FD	General store	D	Operation Trial farm
04-090	Jan 2005	1	FLAP, MAIN 63763 -34350	KUBOTA	6	450			FD	General store	D	operation Trial farm
04-091	Jan 2005	1	RETAINER, FLAP 04512 -60060	KUBOTA	72	5			FD	General store	D	operation Trial farm
04-092	Jan 2005	1	WASHER, SPRING 02014 - 50060 NUT	KUBOTA	72	10			FD .	General store	D	operation Trial farm
04-093	Jan 2005		03014 - 50614	KUBOTA -	72	5			FD	General store	D	operation Trial farm
04-094	Jan 2005	K120 PARTS for	SCREW, PAN HEAD 63763 - 48320 FLAP	KUBOTA	6	1,150			FD	General store	D	operation Trial farm
04-095	Jan 2005	K120 PARTS for	LI-I 63763 - 48330 FLAP	KUBOTA	6	1,150			FD	General store	D	operation Trial farm
04-096	Jan 2005	K120 PARTS for	RH 63763 -34360	KUBOTA	6				FD	General store		operation Trial farm
	Jan 2005	K120	RETAINER, FLAP LH						FD .			operation
04-097		PARTS for K120	63763 -34370 RETAINER, FLAP RH		6					General store		Trial farm operation
04-098	Jan 2005	PARTS for K120	63763 -35010 ASSY WHEEL, REAR	KUBOTA	6				FD	General store		Trial farm operation
04-099	Jan 2005	PARTS for K120	1N172 -04130 GASKET, GEAR CASE NA	KUBOTA	3				FD	General store		Trial farm operation
04-100	Jan 2005	PARTS for K120	11171 - 04100 COMP CASE, MAIN BEARING	KUBOTA	3	5,400			FD	General store	D	Trial farm operation





JICA No.	Delivered	Name	Model (Title)	Maker	Qty. Acquired	(i)	Unit Price (Tsh.)	(USD)	Section in Charge	Place to store	Means of Purchase*	Purpose
No. 04-101	Jan 2005	PARTS for	11251 - 43010 ASSY	KUBOTA	Асцииеа 3:	1,650		(חטט)	FD	General store		Trial farm
04-102	Jan 2005	K120 PARTS for	FILTER, FUEL 14911 - 35450 0 RING	KUBOTA	6	300			FD	General store	D	operation Trial farm
		K120										operation
04-103	Jan 2005	PARTS for K120	ROTOR, OIL PUMP	KUBOTA	6	2,050			FD	General store	ט	Trial farm operation
04-104	Jan 2005	PARTS for K120	19374 -11010 ASSY CLEANER, AIR	KUBOTA	6	8,000			FD	General store	D	Trial farm operation
04-105	Jan 2005	PARTS for	14921 -13110 VALVE,	KUBOTA	6	790			FD	General store	D	Trial farm
04-106	Jan 2005	K120 PARTS for	INLET 11171-13120 VALVE,	KUBOTA	6	1,200			FD	General store	D	operation Trial farm
04-107	Jan 2005	K120 PARTS for	EXHAUST 11171-16150 SHAFT,	VI BOTA	6	7,600			FD	General store	n	operation Trial farm
		K120	CAM									operation
04-108	Jan 2005	PARTS for K120	11171- 21050 ASSY RING, PISTON	KUBOTA	6	2,200			FD	General store	D	Trial farm operation
04-109	Jan 2005	PARTS for	14921- 21310 PIN,	KUBOTA	6	1,050			FD	General store	D	Trial farm
04-110	Jan 2005	K120 PARTS for	PISTON 11171- 21110 PISTON	KUBOTA	6	4,100			FD	General store	D	operation Trial farm
04-111	Jan 2005	K120 PARTS for	14921- 21330 CLIP,	KUBOTA	12	40			FD	General store	D	operation Trial farm
		K120 PARTS for	INTERNAL 11164 -22010 ASSY			,			FD			operation
04-112	Jan 2005	K120	CONNECTING ROD	KUBOTA	6	13,300				General store	D	Trial farm operation
04-113	Jan 2005	PARTS for K120	11171-23460 BEARING,	KUBOTA	6	4,800			FD	General store	D	Trial farm operation
04.17.4	T 000°		CYLROLLER	W. DOTA		05.000			ED.		_	
04-114	Jan 2005	PARTS for K120	11171-23050 COMP, CRANKSHAFT	KUBOTA	6	25,800	۸		FD	General store	D	Trial farm operation
04-115	Jan 2005	PARTS for M5400DT	R2401-42280 ELEMENT, INNER	KUBOTA	8	4,200			FD	General store	D	Trial farm operation
04-116	Jan 2005	PARTS for	RI401 - 42270	KUBOTA	8	5,700			FD	General store	D	Trial farm
04-117	Jan 2005	M5400DT PARTS for	ELEMENT, OUTER 3A011 - 04113 TANK,	KUBOTA	4	31,800			FD	General store	D	operation Trial fann
04-118	Jan 2005	M5400DT PARTS for	FUEL 15521 - 43015 ASSY	KUBOTA	8	2,700			FD	General store	D	operation Trial farm
		M5400DT	FUEL FILTER									operation
04-119	Jan 2005	PARTS for M5400DT	10070 - 42610 ASSY TUBE 1. FUEL	KUBOTA	4	540			FD	General store	D ·	Trial farm operation
04-120	Jan 2005	PARTS for	35533 - 77350 ASSY	KUBOTA	2	740			FD	General store	D	Trial farm
04-121	Jan 2005	M5400DT PARTS for	CASE, FUSE 35593 - 77342 ASSY	KUBOTA	2	1,300			FD	General store	D	Operation Trial farm
04-122	Jan 2005	M5400DT PARTS for	BOX, FUSE 3A011- 25 110 ASSY	KUBOTA	2	26,600			FD	General store	D	operation Trial farm
	Jan 2005	M5400DT	COVER, CLUTCH	KUBOTA	2	27,000	t 		FD	General store		operation
04-123	ļ	PARTS for M5400DT	DISK, CLUTCH									Trial farm operation
04-124	Jan 2005	PARTS for M5400DT	32590 -14720 FORK, CLUTCH RELEASE	KUBOTA	2	2,700			FD	General store	D	Trial farm operation
04-125	Jan 2005	PARTS for	3A011 - 26310 HUB,	KUBOTA	2	3,850			FD	General store	D	Trial farm
04-126	Jan 2005	M5400DT PARTS for	CLUTCH TAO4O -20700	KUBOTA	2	2,500			FD	General store	D	Operation Trial farm
		M5400DT	BEARING, THRUST BALL									operation
04-127	Jan 2005	PARTS for	3A011 - 26250 ASSY	KUBOTA	2	2,350		1 1 1 1	FD	General store	D	Trial farm
04-128	Jan 2005	M5400DT PARTS for	ROD, CLUTCH 3A011- 24650 SEAL,	KUBOTA	2	270			FD	General store	D	operation Trial farm
04-129	Jan 2005	M5400DT PARTS for	OIL 08101 - 06011	KUBOTA	4	1,750	i !		FD	General store	n	operation Trial farm
		M5400DT	BEARING, BALL									operation
04-130	Jan 2005	PARTS for M5400DT	3A011-28090 GEAR, SHAFT 21	KUBOTA	2	28,600			FD	General store	עו	Trial farm operation
04-131	Jan 2005	PARTS for M5400DT	3A011 - 28210 GEAR	KUBOTA	2	6,900			FD	General store	D	Trial farm operation
04-132	Jan 2005	PARTS for	3A011 - 34323 GEAR	KUBOTA	2	6,400	ı		FD	General store	D	Trial farm
04-133	Jan 2005	M5400DT PARTS for	35 - B! 3A011 - 28230 GEAR	KUBOTA	2	4,800			FD	General store	D	operation Trial farm
04-134	Jan 2005	M5400DT PARTS for	25 -3D 3A011 - 28220 GEAR	KUBOTA	2	6,000		t t	FD	General store	D	operation Trial farm
		M5400DT	20 - 2D									operation
04-135	Jan 2005	PARTS for M5400DT	34 - L	KUBOTA	2	21,200			FD	General store	D	Trial farm operation
04-136	Jan 2005	PARTS for	09500 - 00023 SEAL,	KUBOTA	2	290		1	FD	General store	D	Trial farm
04-137	Jan 2005	M5400DT PARTS for	I .	KUBOTA	2	42,400		 	FD	General store	D	Operation Trial farm
04-138	Jan 2005	M5400DT PARTS for	- SHAFT 2 08511 - 02520 BUSH	KUBOTA	2	170		<u> </u>	FD	General store	D	operation Trial fann
		M5400DT	·				<u> </u>	<u> </u>				operation
04-139	Jan 2005	PARTS for M5400DT	3A031 - 25610 SHAFT, PTO	KUBOTA	2	11,600			FD	General store		Trial farm operation
04-140	Jan 2005	PARTS for M5400DT	3A011-25640 BEARING, NEEDLE	KUBOTA	2	690		 _	FD	General store	D	Trial farm operation
01.7			ROLL	ran o =				ļ	TD			
04-141	Jan 2005	PARTS for M5400DT	38430 - 21550 CIR - CLIP, EXTERNAL	KUBOTA	4	250	[! !	FD	General store	Q 	Trial farm operation
04-142	Jan 2005	PARTS for M5400DT		KUBOTA	2	47,800	[L L	FD	General store	D	Trial farm operation
04-143	Jan 2005	PARTS for	3A011 - 27400 ASSY	KUBOTA	2	42,400	i		FD	General store	D	Trial farm
	<u> </u>	M5400DT	VALVE PT0	L			1	1	<u> </u>	<u> </u>	1	operation



JICA No.	Delivered	Name	Model (Title)	Maker	Qty. Acquired	(0)	Unit Price (Tsh.)	(USD)	Section in Charge	Place to store	Means of Purchase*	Purpose
No. 04-144	Jan 2005	PARTS for		KUBOTA	2	6,400	The second second	(ענטט)	FD FD	General store		Trial farm
04-145		M5400DT PARTS for	SHAFT. PTO 3A011- 31430 LEVER	KUROTA	,	1,900			FD	General store	ln.	operation Trial farm
		M5400DT	2, SHIFT		2							operation
04-146	Jan 2005	PARTS for M5400DT	3A011- 32400 ASSY GEAR, BEVEL	KUBOTA	2	69,000			FD	General store	D	Trial farm operation
04-147	Jan 2005	PARTS for	3A011-32204 ASSY	KUBOTA	2	56,000			FD	General store	D	Trial farm
04-148	Jan 2005	M5400DT PARTS for	DIFFERENTIAL 37300 - 28170	KUBOTA	- 4	120			FD	General store	D	Operation Trial farm
		M5400DT	PIN,STRAIGHT		10					C	ID.	operation
04-149	Jan 2005	PARTS for M5400DT	32530 - 28280 PLATE, FRICTION NA	KUBUTA	12	3,600			FD	General store		Trial farm operation
04-150	Jan 2005	PARTS for	36330 - 65130 PLATE	KUBOTA	8	1,700			FD	General store	D	Trial farm operation
04-151	Jan 2005	M5400DT PARTS for	3A011 - 65140 PLATE	KUBOTA	2	9,000			FD	General store	D	Trial farm
04-152	Jan 2005	M5400DT PARTS for	3A011-65150 PLATE	KUBOTA	2	9,000			FD	General store	D	Operation Trial farm
		M5400DT										operation
04-153	Jan 2005	PARTS for M5400DT	04811- 51200 0 RING	KUBOTA	4	250			FD	General store	D	Trial farm operation
04-154	Jan 2005	PARTS for		KUBOTA	2	77,400			FD	General store	D	Trial farm
04-155	Jan 2005	M5400DT PARTS for	PUMP 31351 - 37800 ASSY	KUBOTA	2	3,500			FD	General store	D	Operation Trial farm
04-156	Jan 2005	M5400DT PARTS for	VALVE, SAFETY 3A011 - 82570	KUBOTA	2	9,550			FD	General store	D	operation Trial farm
		M5400DT	PISTON, FIYD.									operation
04-157	Jan 2005	PARTS for M5400DT	04810 - 00800 0 RING	KUBOTA	4	160			FD	General store	D .	Trial farm operation
04-158	Jan 2005	PARTS for	544 - 0189 SHIELD	KOBASHI	1	125,000			FD	General store	D	Trial farm
		ROTARY; KA187T	COVER									operation
04-159	Jan 2005	PARTS for	010 - 0942 JOINT	KOBASHI	2	107,200			FD	General store	D	Trial farm
		ROTARY; KA187T	KUC - 80									operation
04-160	March 2005	Shoulder megaphone	AHUJA AM-21S		6		105,000		IU/CDU	ditto	.DL	General training use
04-161	March	Laptop	Evo N620	Compaq	1		1,870,000		IU/CDU	ditto	LG	Report and
	2005	computer										Teaching note preparation
04-162	March	Submersible	SP46-5	Grundfos	2		6,727,000		WM	Pump house	DL	Trial farm
04-162	2005 March	Accesorries for	Contol panel, Drop		1		2,503,600		WM	Pump house	DL	Operation Trial farm
	2005	SP46-5	cable, Electrode cable,							-		operation
04-163	Jan 2005	UPS	Splicing kit (Lumpsum) 650VA	APC	2		300,000	ļ	RC, Library	ditto	DL	General office
04-164	Jan 2005	Stabilizer/Regul	IKO-3000W	IEKO	1		100,000	<u> </u>	IU/CDU	Computer	DL	use General office
		ator (3000VA)								Room		use
04-165	Jan 2005	Stabilizer/Regul ator (1500VA)	AVR-1500W	STAC	5		50,000		Library, Lecture room, RC, FD,	ditto	DŁ	General office use
0.7.00.7		Ì.	N . 1	370			25 101 000	<u> </u>	IU/CDU	1171-1 -1	DL	Travelling to
05-001	June 2005		Patrol STK 1570, 1571, 1572	Nissan	3		37,191,000	i !	Transportation Unit	Workhshop		model sites
05-002	June 2005	Wireless amplifier and	PW-W91	Victor	3	166,600		! ! !	IU/CDU	ditto	D	General training use
		microphone set					i 	<u></u>				
05-003	June 2005	Flip chart stand	BB-GT32W4W4FC	KOKUYO	3	50,150		1 1 1 1	IU/CDU	General store	D	General training use
05-004	June 2005	White board	W1800 x H900		6	28,860			IU/CDU	ditto	D	General office
05-005	July 2005	Record sheet of	SR-7	Ota Keiki	2	2,900			WM	ditto	C (Ota)	use Metrogical
05-006	July 2005	heliograph Record sheet of	10710.7	Isuzu	2	2,450		<u> </u>	WM	ditto	C (Ota)	Survey Metrogical
	<u> </u>	thermometer		Seisakusyo								Survey
05-007	July 2005	Record sheet of hygrometer	HR-1	Ota Keiki	2	1,350		! !	WM	ditto	C (Ota)	Metrogical Survey
05-008	Sep 2005	AC adoptor	PA3283U-1ACA	Toshiba	1		275,988	[[EFT	ditto	LG	Report and
L_								i				Teaching note preparation
05-009	Sep 2005	AC adoptor	SYS2011-6019	SUNNY	1		220,800		Admn (Coodinator)	ditto	LG	Report and
			(HITACH Prius compatible)						(Coodinator)			Teaching note preparation
05-010	Oct 2005	Mother board	MSCLE266-F	MATSONI C	1			500	Admn	ditto Installed in	DL	Report and Teaching note
			1	[: ! ! !	İ]	old PC (98-		preparation
05-011	Oct 2005	Digital Camera	A400	Sony	1		[335	IU/CDU	030) ditto	DL	Recording
	1				ļ		450.000					trainings
05-012	Oct 2005	Slide projector		Kindeman	1		450,000		IU/CDU	ditto	DL	General training
05-013	Oct 2005	Laser printer	HP1320	HP	3		444,600		Admn(×2), IU/CDU	ditto	DL	Report and Teaching note
								<u> </u>			<u> </u>	preparation
05-014	Oct 2005	OHP	Overhead Projector 1700	3M	2		330,000	1	IU/CDU	ditto	DL	General training use
05-015	Oct 2005	Multi media	PLC-SW30	SANYO	i		1,025,000		IU/CDU	dítto	DL	General office
05-016	Oct 2005	projector Unit cabinet		 	1		240,000	<u> </u>	IU/CDU(Librar	Library	DL	use Storage
	1				<u> </u>	<u> </u>	1	<u> </u>	y).	<u>L ´</u>	<u> </u>	document



JICA	Delivered	Name	Model (Title)	Maker	Qty.		Unit Price		Section in	Place to	Means of	Purpose
No.	İ	ļ			Acquired	(\)	(Tsh.)	(USD)	Charge	store	Purchase*	
05-017	Jan 2006	External Hard Disk			1		200,000		IU/CDU	ICDU	LG	Recording trainings and other
05-018	March 2006	Trolley(Hand cart)		,	1		220,000		IU/CDU	Library	LG	Storage document
05-019	March	Mother board	AZRL54005243	Intel	1		118,750		RC	RC	LG	Teaching note
1	2006	DDR Memory	dd-6176		1		43,750		RC	RC		preparation
		CPU FAN			1		12,500		RC	RC		
		Desktop Casing			1		30,000		RC	RC	1	f
05-020	March 2006	Heavy duty book binding			1		750,000		IU/CDU	Library	DL, LG	Storage document
05-021	March 2006	Stepdown transformer			1			2,950	Academic Dept	Milling	LG	Regulate power frustration
05-022	Feb 2006	Satellite Internet System with voice appliance	DW7000	HUGHES	1				Academic Dept	Computer Room	LG	Communication
05-023	Feb 2006	Tyre	750/16	Bridgeston e	32		245,000		Transportation Unit	General store	CL	Travelling to model sites
05-024	Feb 2006	Tyre tube	750/16		61		35,000		Transportation Unit	General store	CL	Travelling to model sites





Annex 10 Achievement level of each Output

(1) Output 1: The concept of and approach to the model sites are established (based on the agreement of all the stakeholders).

Verifiable Indicators	Results (as of April 2006)
By the end of August, 2002, six (6) model sites are selected on the basis of the criteria.	The concept and approach to the model sites have been established (based on the agreement of all the stakeholders) and six model sites have been selected. In additions, concept of modified training was agreed in 3rd Steering Committee. Three sites from Manyara Irrigation Zone are selected as follows; Mkombozi (Babati District), Muungano (Babati District) and Lemkuna (Simanjiro District)

(2) Output 2: The capability of KATC in identifying training needs is improved.

Verifiable Indicators	Results (as of April 2006)
2-1 At the beginning of every training course, more than 90% of course participants agree with the course contents as relevant to their needs.	In Residential training, the questionnaire was conducted to grasp the farmers' needs. On the other hand, regarding to In-field training, the "percentage of participants satisfied with the training contents" has stopped being counted because contents have been confirmed with all participants beforehand.
2-2 In more than 80% of training courses, more than 80% of training participants rank A or B in questionnaire. (Evaluation will be done by 5-graded form (A:Excellent, Beverly Good, C:Good, D:Fair or Satisfactory, E:Poor)	All trainings were evaluated A or B by the participants in model sites. The data of some training were not applicable because of lacking of the data or indicating summary in the reports in word not in figures.

Table:	The percentage	of the	participant	who	marked.	Αо	or B

		FIRST	SEASON	V	SECOND SEASON						
Scheme	$1^{ m st}$	2 nd	3 rd	4 th (Eva)	1^{st}	2 nd	3 rd	4 th	5 th (Eva)		
Nakahuga	99.6	99.3	99.6	99.3	99.9	99.8	99.7	n.a*1	n.d*2		
Mombo	99.9	99.9	n.a	n.d	99.9	99.6	99.8	100.0	n.d		
Mbuyuni	97.6	96.5	n.a	n.d	99.2	97.6	100.0	98.3	n.d		
Mwega	99.8	99.9	99.7	n.d	98.6	99.3	99.3	99.9	n.d		
Mwamapuli	n.a	97.8	98.2	n.d	97.8	97.8	99.9	98.5	n.d		
Nduguti	n.a	n.a	n.d	n.d	97.8	98.2	n.d	n.d	n.d		

n.a*1: Not applicable

n.d*2: Not done
The 4th in 1st season and 5th in 2nd season were the training for evaluation of the previous trainings so daily evaluation was not done except in Nakahuga.

(3) Output 3: Technical training program are strengthened to meet local needs.

Verifiable Indicators	Results (as of April 2006)
3-1 By 2005, 80% of Key Farmers adopt at least 80% of basic field techniques learnt and 80% of	Result of 1 st season Mbuyuni : KF 80% IF 100% Mombo: KF 94% IF 100%





Intermediate Farmers adopt at least one basic field technique learnt. (for the items of basic field techniques)	Mwamapuli: KF 50% IF 99% Mwega: KF 89% IF 100% Nakahuga : KF 94% IF 100% Nduguti : N/A Result of 2 nd season Mbuyuni: KF 80% IF 99 % Mombo: KF100 % IF100 % Mwamapuli: KF90 % IF 100% Mwega: KF 85% IF 99% Nakahuga : KF94 % IF100 % Nduguti : N/A This indicator has been achieved except Nduguti site.
3-2 By 2005, technical standards on rice cultivation are established in all model sites through field trial activities conducted by field personnel and key farmers. (for the items of technical standards)	The trial data for 1 st and 2 nd seasons was inputted in the data base. The schedule for the preparation of the technical standard has just been set. Demo-trial results from each model site have been summarized. 1st draft of the technical standard will be ready by the end of May 2006 and final version will be completed as soon as possible.
3-3 By 2005, the final versions of technical manuals for each model site is prepared based on local needs.	The contents/ framework of the technical handbook has been established. The necessary information and materials have been collected from model sites. The 1st draft of the manual is under preparation and final version will be completed as soon as possible.
3-4 Modified field training programme(s), which encourage districts to adopt KATC trainings as an implementation tool of their DADP, are developed.	Three schemes such as Mkombozi(Also known as Gichameda), Muungano (Also known as Mawemairo) and Lemkuna have been selected. In-Field trainings at Land preparation and Transplanting stages have been conducted at each site. The training at Harvesting stages has been also conducted at Mkombozi and Muungano, and it will be conducted on June at Lemkuna. Key farmers course for Lemkuna has been conducted.

(4) Output 4: Training program for improving institutional framework of irrigation scheme is strengthened.

Verifiable Indicators	Results (as of April 2006)
4-1 Implementation plan (IP) for each model site	IP was prepared and agreed with the stakeholders in Feb
is prepared, implemented, and revised based	2003.
on the implementation result jointly by district,	
scheme, zonal irrigation office and KATC,	
with the special emphasis on cost sharing.	
4-2 By 2005, farm operation calendars and plans	Farm operation calendars for each model site except
are prepared, carried out and evaluated by	Nduguti are made.
managing personnel, key farmers and	
intermediate farmers in each model site. (Farm	
operation calendars and plans include; farm	
operation, water distribution plan, canal	
maintenance and management plan, and	
organizational activity plan.)	





This indicator has been achieved in each model site except 4-3 By 2005, active membership of irrigators' Nduguti. association/cooperative societies in each model site increase compared to 2002. ("Active The number of irrigators' association/cooperative has increased in each model site. (2003→2004→2005) members" are paying membership fee and Mbuyuni $:868 \rightarrow 868 \rightarrow 875$ participating O&M activities.) Mombo $:180 \rightarrow 190 \rightarrow 300$ Mwamapuli $:885 \rightarrow 885 \rightarrow 893$ $:671 \rightarrow 702 \rightarrow 732$ Mwega Nakahuga : 68 → 100 →125 Ndugiti :N/AAttempted to collect the number of farmers who had participated in O&M activities, but the schemes did not keep the record, so it failed to collect them. The number of members who paid membership fee has increased in each model site.(2003→2004→2005) Mbuyuni :471 \rightarrow 484 \rightarrow 501 Mombo :180 → 190 → 300 Mwamapuli :798 → 787 → 820 Mwega $:671 \rightarrow 702 \rightarrow 732$ Nakahuga $: 50 \rightarrow 100 \rightarrow 121$ Nduguti :N/A The 1st draft of the guideline for strengthening water user 4-4 The manual/guide for strengthening association is ready, and final version will be completed as institutional framework is prepared by the end soon as possible in Swahili and English version. of the project.

(5) Output 5: The capability of KATC in collecting and providing useful irrigated rice cultivation information is improved.

anyon manton no mapro roa.	
Verifiable Indicators	Results (as of April 2006)
5-1 By 2006, library database and classified information database are established.	Database establishment is under process. Regulation, Workflow and Manuals for information management are prepared, authorized and effected, under which following system are approved; - Training output database
5-2 By 2006, four Kiswahili & two English newsletters in a year and annual technical progress reports are prepared, and web-site of KATC is established and revised on monthly basis.	- Training information database So far 5 newsletters in Swahili and 3 in English have been issued. Web site of KATC was established. At the same time, it has been established the information & management system on preparation of advertising material and the publication assisted by short-term expert.

(6) Output 6: The concept and approach to mainstream gender into plan, implement and monitor technical training on irrigated rice production are established.

Verifiable Indicators Results (as of April 2006)		
	Verifiable Indicators	Results (as of April 2006)





6-1 Project activities are implemented according	Gender training	needs was	identifi	ed in Oct	2002.
to the gender checklist based on Plan of Operation.		٠.			
6-2 Through the project period, the percentage of women participants in Key Farmers course and in-field training is more than 45% by considering gender needs in model sites.	(1 st season) Mbuyuni Mombo Mwega Mwamapuli Nakahuga Nduguti Grand Total (2 nd season) Mbuyuni Mombo Mwega Mwamapuli Nakahuga Nduguti	52% 52% 50% 53% 50% 49% 40% 48% 51% 51% 48% 45%	1F 45% 59% 43% 42% 49% 53% 40% 57% 42% 38% 47% 47%	OF 51% 46% 44% 36% 44% N/A 34% 58% 47% 33% 49% 50%	Total 48% 54% 46% 44% 48% 47% 41% 56% 45% 38% 48% 47%
6-3 By 2006, at least one specialized subject training based on Gender needs is conducted for and the activity is adopted in each model site.	Grand Total Gender specific Family budgeting Nov 2004 (Mwa and Jan 2005 (M	g) were co mapuli a	onducted nd Ndug	l in Oct 2 guti), Dec	2004 (Mbuyuni),

(7) Project Purpose Level

they were taught in trainings.

Verifiable indicators at the Project Purpose level have been fulfilled as follows, at the time of terminal Evaluation Study.

Project Purpose: Productivity of rice increases in the model sites through the KATC's training.

Verifiable Indicators	1. Average rice yield per unit area of sample farmers in model sites increase by 12-43%
	by2005 compared to 2002.
	Results (as of April 2006)
In every model site e	xcept Nduguti, yield per unit area has exceeded.
ar an cond	
Yield of 2 nd season	COMMAN CX
Mbuyuni : 3.56 t/h	na (87% of Increment) / Target 2.72 t/ha (43% of Increment)
Mombo : 3.82 t/h	na (0% of Increment) / Target 4.24 t/ha (12% of Increment)
Mwamapuli: 5.80 t/h	na (57% of Increment) / Target 4.46 t/ha (21% of Increment)
Mwega : 3.16 t/h	na (76% of Increment) / Target 2.50 t/ha (39% of Increment)
Nakahuga : 4.74 t/l	na (53% of Increment) / Target 4.08 t/ha (32% of Increment)

Verifiable Indicators	2. By 2005, the net return rate from rice in all the model sites increase compared to those
	of 2002.
	Results (as of April 2006)
Net return rate (NRR)	is increased in general. However, NRR of Mbuyuni and Mombo are slightly decreased
because of increased	operational cost; on labour and agricultural inputs for instance, in order to follow what

:82% → 77% → 79% → Mbuyuni Mombo : 57% → 66% → 55% **→** Mwega: 54% → 79% → 67% × Mwamapuli: 52% → 77% → 84% *****

Nakahuga : 56% → 88% → 82% 🚜 Nduguti: N/A

Beside, Unit Net Return (UNR) of all model sites improved greatly and this also support that KATC trainings contributed to improving profitability of the sites.

Mbuyuni : $426 \rightarrow 747 \rightarrow 969$ (228%) Mombo $:392 \to 646 \to 532 \times (136\%)$

Mwamapuli: 292 \rightarrow 582 \rightarrow 1,245 \sim (427%) Mwega: 218 \rightarrow 517 \rightarrow 680 \angle (312%) Nakahuga : 377 → 950 → 894 ~ (237%) Nduguti: N/A (Unit 1,000Tsh/ha)

Verifiable Indicators 3. By 2005, properly irrigated area increase in all the model sites compared to those of

Results (as of April 2006)

This indicator has been achieved as the following reasons.

"Properly irrigated" is defined as the one meets the following conditions.

- Water distribution plan exists
- Paddy field is well levelled
- Paddy field is well bonded c)
- Paddy field has no drainage problem
- e) Enough irrigation water is supplied to the field at the right time

When these 5 conditions are fulfilled simultaneously, then we can say that field is "properly irrigated".

Water distribution plan

Farmers under the guidance of KATC trainers made water distribution plan during 2nd seasons of training. So, every scheme has a Water distribution plan.

b) Levelling

Mbuyuni $:19.3 \rightarrow 103.0$ Mombo $:27.0 \rightarrow 108.5$ Mwega Mwamapuli $:32.1 \rightarrow 90.1$ $:26.8 \rightarrow 65.8$

Nakahuga $:15.0 \rightarrow 16.3$ Ndugiti :N/A (Unit: acre)

c) Bund making

Mbuyuni $:19.9 \rightarrow 95.5$ Mombo :100.9 → 123.9 Mwamapuli $:67.2 \rightarrow 97.4$ Mwega $:12.0 \rightarrow 69.9$ (Unit: acre)

Nakahuga $:14.0 \rightarrow 16.3$ Ndugiti :N/A d) Drainage problem

:87.0 → 54.8 Mbuyuni Mombo :87.8 \rightarrow 7.8 (Due to drought the number changed so much, it can't tell the situation improved or not)

Mwamapuli $:63.7 \rightarrow 20.0$ Mwega $:21.4 \rightarrow 14.3$

:7.4 → 3.6 Nduguti Nakahuga :N/A (Unit: acre)

Irrigation water availability (The upper row is the percentage of during paddling time. The lower is that of during rice growing stage)

Mbuyuni :42.7% → 89.3% Mombo : $62.1\% \rightarrow 91.3\%$

> $58.3\% \rightarrow 5.8\%$ (Hit hard by drought) 40.8% → 89.3%

:54.9% → 90.2% :40.5% → 89.2% Mwamapuli Mwega

50.0% → 86.3% 45.0% → 88.3%

Nakahuga :62.9% → 94.3% Nduguti :N/A

40.0% → 48.6% N/A



Annex 11 Activity Record

		P ()		Number	of Partic	inants (r	man • dav)	Target
Year	Course title	Duration (Month/Day)				(Field	Day/F	rmers	. raiget
2001	General survey on irrigation schemes (Tabora, Mwanza	11/25-30	<u>M</u>	F -	Total	<u>M</u>	F -	Total	1
	General survey on irrigation schemes (Morogoro, Mbeya	12/9-16							
	1st Participatory Irrigation Scheme Management course	1/21-2/1	336	144	480			_	KF, VAEO, SM
2002	2nd Participatory Irrigation Scheme Management course	2/18-3/1	372	108	480	_	-		KF, VAEO, SM
2002	3rd Participatory Irrigation Scheme Management course	3/4-15	348	132	480			-	KF, VAEO, SM
	4th Participatory Irrigation Scheme Management course	3/18-29	360	132	492	_	-	-	KF, VAEO, SM
	Gender workshop	4/29-30	38	4	42	-		_	KATC staff
	1st Joint Coordination Committee	5/29	_	-	-	-	_	-	JCC
	Workshop on selection criteria for Model site	7/17,18	84	10	94				MAFS, DED
	2nd Joint Coordination Committee	8/19	-			_	-	<u> </u>	JCC
	Baseline survey for Mombo	9/22-28	165	135	300	_	<u> </u>	<u> </u>	Model site
	Baseline survey for Mwega	10/6-12	140	50	190	_	-	<u> </u>	Model site
1	Baseline survey for Mbuyuni, Nakahuga, Mwamapuli, Preparation Survey for RTCPP (Malawi & Zambia)	10/19-11/3 11/17-12/1	491 75	320 60	811 135	<u> </u>		-	Model site
	Model sites stake-holders workshop to establish	2/3-14	10	60	190	_			MARC DED
	Preparation Survey for RTCPP (Kenya & Uganda)	2/17-26		_		_			MAFS, DED
	Farming Survey course for VAEO and IT	2/17-21	64		64			-	VAEO, IT of model
	1st Key Farmer course(mombo, Nakahuga)	3/10-28	462	420	882		-	-	KF, VAEO
· · · · ·	Hand tractor operators course for six model sites	5/5-9	48	_	48	-	-	1	Tractor
	Applied irrigated rice cultivation course for VAEOs and ITs	5/5-16	144	-	144	-			VAEO, IT of model
	3rd Joint Coordination Committee	5/27				-	-	-	JCC
2003	1st VAEO/Key farmer course(Zambia, Malawi)	6/9-20	228	231	459	_	_	_	KF, VAEO
2003	In-field training (Nakahuga 1st)	7/14-18	302	271	573	-	-	-	KF, IF
2003	2nd Key Farmer course(Mwega, Mbuyuni)	7/28-8/15	441	441	882	- '	-	-	KF, VAEO
	Technical assistance on strengthening water user's	8/18-29					-	-	Model site
	In-field training(Mombo 1st)	9/1-5	294	375	669	_	-	-	KF, IF
	2nd VAEO/Key farmer course(Kenya, Uganda)	9/8-19	276	84	360		-	-	KF, VAEO
	In-field training(Nakahuga 2nd)	9/29-10/4	267	250	517	12	9	21	KF, IF
	1st Steering Committee	10/6-8	-	-	-	-	-	-	SC
-	3rd Key Farmer course(Mwamapuli,Nduguti)	10/13-31	21	21	42		_		KF, VAEO
	1st In-field training(Kenya, Uganda)	10/26-11/8	504	378	882				KF, IF
	In-field training (Mbuyuni 1st) In-field training (Mwega 1s t)	11/17-21	295	274	569	_			KF, IF
	In-field training (Nakahuga 3rd)	12/8-12 1/12-16	287 243	230 223	517 466	- 15	- 13		KF, IF
	In-field training (Nduguti 1st)	1/12-17	282	265	547	10	-	I	KF, IF KF, IF
	1st In-field training (Zambia)	1/17-24	129	162	291				KF, IF
	1st In-field training (Malawi)	1/25-2/1	261	113	374			 	KF, IF
	In-field training (Mwamapuli 1st)	1/19-23	290	226	516		_		KF, IF
2004	In-field training (Mombo 2nd)	2/2-7	265	328	593	36	43	79	KF, IF
2004	2nd In-field training (Uganda)	2/9-14	96	183	279	_	-		KF, IF
2004	In-field training (Nakahuga 4th)	2/23-27	396	361	757	140	111	251	KF, IF, OF
2004	Irrigation Management course	3/1-3/19	209	114	323	-	-	-	
	In-field training(Mbuyuni 2nd)	3/8-3/13	196	168	364	0	0	0	KF, IF
	In-field training (Mwega 2nd)	3/15-3/20	198	159	357	0	0		KF, IF
	In-field training (Mombo 3rd)	3/15-3/20	267	326	593	45	16		KF, IF
	In-field training (Mwamapuli 2nd)	3/29-4/3	214	183	397	4	5		KF, IF
	In-field training (Mombo 4th)	4/26-5/1	416	451	867	129	151		KF, IF, OF
	In-field training (Mbuyuni 3rd)	4/26-5/1	278	226	504	5	7		KF, IF
	Technical assistance on strengthening water user's In-field training (Mwega 3rd)	4/26-5/3 5/3-5/8	173 144	73 129	246 273	- 56	_ _		Model site
	2nd Steering Committee	5/3-5/8	30	3	33	- 5b	52 -		KF, IF SC
	4th Joint Coordination Committee	5/25	- 3U	-	-				JCC
	Technical assistance on strengthening water user's	6/12-6/20	127	65	192				Model site
	In-field training (Mwamapuli 3rd: Harvest-1st season)	6/14-6/18	240	157	397	95	67		KF, IF
	2nd In-field training (Kenya)	7/1-7/7		,	- 55.		-	 	KF, IF
	4th In-field training (Mbuyuni ; Evaluation)	7/5-7/10	152	151	303	150	165		KF, IF, OF
	4th In-field training (Mwega : Evaluation)	7/12-7/17	242	194	436	282	209		KF, IF, OF
2004	1st In-field training (Nakahuga : Land preparation-2nd	7/12-7/17	331	312	643		-		KF, IF
2004	2nd In-field training (Zambia)	7/31-8/7	96	183	279	_	-		KF, IF
	2nd In-field training (Malawi)	8/8-8/15	227	99	326	-	-	-	KF, IF
	2nd In-field training (Nakahuga : Transplanting-2nd season)	8/16-8/19	177	171	348	-	-		KF, IF
	3rd In-field training (Uganda)	8/22-8/28	360	148	508	-	-		KF, IF
	4th In-field training (Mwampull: Evaluation-1st season)	8/23-8/27	288	238	526	63	100	L	KF, IF, OF
	Continuing 2nd In-field training (Kenya)	9/9-11	453	67	520		-		KF, IF
	Gender specific training (Mbuyuni)	10/11-16	180	143	323				KF, IF
	Technical assistance on strengthening water user's	10/11-23	103	48	151	-	-	-	Model site
2004	In-field training (Nakahuga 3rd: P.I2nd season)	10/18-22	345	299	644	95	90	185	KF, IF, OF



		Duration		Number	of Partic	ipants (r	nan•day)		Target
Year	Course title	(Month/Day)		t .= 1			Day/Fa		
2004	5 T T T T T T T T T T T T T T T T T T T	Commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of the commence of th	M	F	Total	M	F	Total	7777 YES
	1st In-field training (Mbuyuni : Land preparation-2nd	11/1-5	223	160	383			1.	KF, IF
	3rd In-field training (Kenya)	11/1-6	563	69	632	-	_		KF, IF
	Gender specific training (Mwamapuli and Nduguti)	11/3-11	377	351	728	-	_		KF, IF
	1st In-field training (Mwega: Land preparation-2nd season)	11/8-11	207	194	401		_	_	KF, IF
2004	1st In-field training (Mombo: Land preparation-2nd	11/23-26	154	184	338	-	-	-	KF, IF
2004	3rd In-field training (Malawi)	11/22-26	219	89	308	-	_	-	KF, IF
2004	3rd In-field training (Zambia)	11/29-12/3	100	139	239	-		-	KF, IF
2004	1st In-field training (Mwamapuli: Land preparation-2nd	11/30-12/3	256	209	465	-	-	-	KF, IF
2004	1st In-field training (Nduguti : Land preparation-2nd	12/6-10	308	240	548	-	_	-	KF, IF
2004	2nd In-field training (Mbuyuni : Transplanting-2nd season)	12/14-16	127	78	205	-	-	-	KF, IF
2004	4th In-field training (Nakahuga : Harvest-2nd season)	12/14-17	430	359	789	158	138	296	KF, IF, OF
2004	Gender specific training (Mwega)	12/14-17	171	154	325	-		-	KF, IF
	Animal Traction course	1/3-7	70	10	80				Model site
	Gender specific training (Mombo)	1/5-7	198	199	397		-	-	KF, IF
\perp	Gender specific training (Nakahuga)	1/10-12	192	177	369	-	-	_	KF, IF
	In-field training (Mwega 2nd : Transplanting-2nd season)	1/20-22	137	97	234		-		KF, IF
	In-field training (Mombo 2nd : Transplanting-2nd season)	1/24-26	141	184	325	-			KF, IF
1	5th In-field training (Nakahuga: Evaluation-2nd season)	2/8-11	294	250	544	97	122		KF, IF, OF
	2nd In-field training (Mwamapuli: Transplanting-2nd	2/9-12	269	131	400		-	- 013	KF, IF
	2nd In-field training (Nduguti : Transplanting-2nd season)	2/14-18	290	258	548	-	-	-	
·	RTCPP Workshop	2/23-24			i —				KF, IF
			106	18	124		100	-	Farmer
	3rd In-field training (Mombo : P.I2nd season)	3/8-11	285	364	649	97	132		KF, IF, OF
	Study tour (Nakahuga)	3/7-11	223	142	365		-		KF, IF, VAEO, IT,
h	3rd In-field training (Mbuyuni : P.I2nd season)	3/14-17	223	142	365	68	45		KF, IF, OF
	Study tour (Mombo)	3/21-24	14	8	22		-		KF, IF, VAEO, IT,
	3rd Steering Committee	3/30	26	1	27	-	-	-	SC
	3rd In-field training (Mwega: P.I2nd season)	4/13-15	310	251	561	110	99	209	KF, IF, OF
	4th In-field training (Uganda)	4/18-22	405	104	509				KF, IF
2005	In-field training (Mwamapuli 3rd: P.I2nd season)	5/2-5	426	242	668	147	85	232	KF, IF, OF
	In-field training (Mbuyuni 4th : Harvest-2nd season)	5/10-13	162	93	255	50	34	84	KF, IF, OF
2005	In-field training (Mwega 4th : Harvest-2nd season)	5/10-13	272	199	471	272	199	471	KF, IF, OF
2005	In-field training (Mombo 4th : Harvest-2nd season)	5/11-14	178	242	420	41	58	99	KF, IF, OF
2005	4th In-field training (Zambia)	5/21-28	266	206	472	-	-	-	KF, IF
2005	4th In-field training (Malawi)	5/29-6/5	122	69	191		-	_	KF, IF
2005	4th In-field training (Mwamapuli : Harvest-2nd season)	5/30~6/2	457	171	628	161	108	269	KF, IF, OF
2005	4th In-field training (Kenya)	6/5-11	475	101	576	_	-	+	KF, IF
2005	5th In-field training (Mbuyuni : Evaluation-2nd season)	6/22-25	145	100	245	50	34	84	KF, IF, OF
2005	5th In-field training (Mwega : Evaluation-2nd season)	6/27-30	145	101	246	121	100	221	KF, IF, OF
2005	Survey on proposed sites for modified training	6/28-30	-	_	-		_	_	Site
	In-field training (Mombo 5th: Evaluation-2nd season)	7/6-9	295	440	735	125	141	266	KF, IF, OF
	5th In-field training (Mwamapuli : Evaluation-2nd season)	8/21-24	390	202	592	209	94		KF, IF, OF
	5th Joint Coordination Committee	9/16	16	3	19	-	-	-	JCC
	Gender and Farming survey (Muungano, Mkombozi)	10/5-8	-	_	-	_		_	KF, IF,OF
	1st In-field training (Modified: Mkombozi, Muungano)	11/7-19	539	455	994				KF, IF
	Key farmers course for Lemkuna (Modified)	11/21-12/2	120	120	240	_			KF, VAEO
$\overline{}$	2nd In-field training (Modified: Mkombozi, Muungano)	12/5-9	234	254	488				KF, IF
	5th In-field training (Zambia)	12/12-16	149	144	293	<u>-</u> -			KF, IF
	5th In-field training (Malawi)	1/9-13	198	83	281		_	-	
				57	<u> </u>				KF, IF
2	5th In-field training (Kenya)	1/16-20	291	<u>i</u>	348		-	-	KF, IF
1	1st In-field training (Modified: Lemkuna)	1/16-21	203	166	369	-	-	-	KF, IF
	2nd Infield Training (Modified Lemkuna)	2/13-17	106	102	208		_	-	KF, IF
2006	4th Steering Committee	3/30	18	1	19	-	_		SC





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12 Important farming indicators
Annex

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Indicator		Kenya			Malawi		Uge	Uganda		Zambia			Tanz	Tanzania	
	2002	2003	2004	2002	2003	2005	2003	2004	2002	2003	2005	2002	2003	2004	2005
Area (ha)	0.40	0.38	0.43	0.27	0.28	0.31	0.32	0.40	0,37	0.37	0.26	0.72	0.47	0.47	0.45
Production (kg)	1,171	1,462	2,070	77.1	833	1,022	1,086	1,446	570	685	481	2,073	1,322	1.507	1 946
Yield/ha	3,993	4,459	5,377	2,922	3,221	3,816	3,609	4,048	1,759	2,296	2,022	3,094	2.978	3.362	4 300
Yield increase (%)	100%	112%	135%	100%	110%	131%	100%	112%	100%	131%	115%	100%	%96	109%	144%
Price/kg paddy(\$)	0.27	0.31	0.31	0.26	0.24	0.37	0.21	0.29	0.43	0.53	0.69	0.18	0.20	0.23	0.22
Price/kg rice(\$)	0.42	0.48	0.48	0.41	0.36	0.56	0.32	0.44	0.66	0.82	1.06	0.28	0.30	0.36	77.0
GR(\$)	320	471	621	210	201	374	230	421	249	359	324	348	258	349	441
0C(\$)	145	158	181	34	30	42	. 88	128	43	99	38	106	76	11	66
NR(\$)	175	313	440	176	171	332	143	293	205	309	286	243	182	272	349
GR/ha(\$)	1,103	1,418	1,748	773	754	1,400	769	1,158	818	1,370	1,364	528	575	772	952
OC/ḥa(\$)	481	482	535	118	98	156	300	349	126	137	116	170	164	160	221
NR/ha(\$)	623	936	1,213	655	656	1,244	469	810	692	1,233	1,248	357	411	612	734
GR/100kg(\$)	27	31	31	26	24	37	21	29	43	53	69	18	20	23	22
OC/100kg(\$)	ر س	12	10	4	က	4	G	6	8	7	7	7	9	<u>د</u> .	1 (0
NR/100kg(\$)	14	19	21	22	20	32	12	19	35	47	62	12	14	0 4	7 (
Material cost/ha(\$)	104	103	161	7	τĐ.	24	15	21	38	39	25	54	42	43	: 6
Labour cost/ha(\$)	350	354	333	108	91	125 .	245	284	83	95	87	000	109	105	7 7 7
Land rent/ha(\$)	26	25	4	(c)	2	9	49	43	5	8	. 4	27	6.	12	- α
NRR (%)	49.8%	55.8%	65.7%	82.7%	86.5%	86.5%	58.0%	67.9%	67.4%	78.3%	86.4%	59.7%	%9 99	76.9%	73.1%
No of farmers	78	62	40	64	61	17	250	79	53	53	63	359	431	272	7.30
								1					-	7	D 2





付属資料 5 評価グリッド

「キリマンジャロ農業技術者訓練センターフェーズII計画」評価グリッド

		表	各分野、人数、派遣期間、時期の投入内容 及 2. 原 1 對 3. 第 集曲 形器形式电子电子电子	長,極期專門家派遣実績、專門家報告書書和日的等司的		
		4. 计可写真文章 据女供与	ロガガ、人衆、SPA国が同義の表示では 投入機材の循類や数量、更に目的	MATERIAL MATERIAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTA	再用沙丝牛供 化糖胆缩贮器 计格谱分泌拓步 办入识部	
		研修員受入	研修受入人数之期間、研修内容	日本国内研修記録、研修監理報告書、専門家の観察	4-159-tk T m、大 was in the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the la	- HE 6 20
海線 なる 表徴(「「1540)	女人夫徴(しょめくれて夫徴の子門根)	現地活動費	活動予算额と支出內容	現地業務費投入実績、専門家の観察	1-1	NE SYNMEN
		フロジェクトの管理、支援体制 タンボニア国曲投入	文技体制 CDD配置 ローカルコスト伯拍	心面仏職(ICC) 医痛咒弊、専門等の襲撃 CDO和闘法省・タンポニア国金オ倫理会法は、RHE法治・専用物の趨勢	小川 大大 大大 大大 大大 大大 大大 大大	
		/ フェンニン alvaxxx 投入は計画通りだったか			日内工機・パー、文配は日本、1人人工的公	
		広城協力(RTCPP)のと進捗と実績	周辺国(ケニア、マラウイ、ウガンダ、タンザニア)を対象とした研修活動の実績	研修実績報告、運営指導(中間評価)調査報告書、専門家の観察	投入実績表	資料調査、イングビュー
活動進捗状況		活動は計画通りに行われたか	プロジェクトの活動状況は計画通りか?	PO、APOと進捗実績との比較、専門家の観察	PO、APO、実施運営総括表、専門家、C/P	
モニタリングの実施状況	n-2	モニグリングの仕組みは適切であったか	プロジェケトな部の最適な意欲・努力は? プロジェケトな部の最もは表しない。とかいました。というないないない。としかリングの内容は適当かっ役立った。と「治療的なトーケリングの実施や内部評価は実施されたか」	モニタリングの実績報告、運営指導(中間評価)調査報告書	モニタリング報告、専門家・C.P.、本部	資料職角、イングドュー
専門家とC/Pとの関係		コミュニケーションの状況は良好か、共同して問題に対処したか	定期的な影見交換。会職の開催? 音目が始み時期 土在水間原発デューステントエトルの	コミュニケーション機会の設定・開催実績	専門家、C/P	資料調査、インタビュー、 約回事
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		(実験がヘルターオ・現場・囲土外や)マネスで同な子の田の山田駿野部子 安田 (日本) (日本) (日本) (日本) (日本) (日本) (日本) (日本)	BOACO TITACATE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN THE CAN T	日常業務におけるコミュニケーンヨンガ弦と実績 モニタリングの実績報告、運営指導・中間評価調査報告書、専門家の観察、	AD 秋田宮 滨坳SMW 静北縣秋田宮	び正式 砂土 単一 ・ プタン・ 一
		A 数・1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	プロジェクの中心のPtiどの様な役割を描っているな?(KATCスタップの主存社や積極性) で、コール mate 4 a takin	MAFS供給		・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・
* 相手国実施機関のオーナーシップ	ナーシップ	子事の手当では十分か C/Pの配置は選正か?	タンチニア国働の気出状光 専門後江OP配配の道にしているか。 CP配置江東古県卒かもつたい	相半方の投入表績、連宮指導・中間評価調金報告書事門家報告書、運営指導調査報告書	投入美績表 C/P配置一覧、実施運営総括表、専門家	資料調査、イングアュー
		フェーズ」からの変化(状況・環境に応じた拡充や課題内容やアプローチ等)	協力の経緯等事実確認やその後の変化	専門家の観察	告書、実施運営総括表	資料調査、インゲュー
過去の協力成果・実績・	過去の協力成果・実績の継続あるいは拡大状況	プロジェクト期間中の試行錯誤	新たな試み、プロジェクトの広報路撃の有無	プロジェ外のホームページ、専門家の観察	専門家、C.P、プロジェクトのHP	11.9E=
成果の達成状況		成果は達成される見込みがあるか	各指標の確認(成果レベル)~3までの指揮レその遺成状況。例:技術面の筆及度を図る指標:80%以上の中核農民が80%以上の曲線技術項目を実践し、中間農民では最低ーク以上を実施する農家が80%以上による物)		専門家・CP、研修受講農民、自己評価表	資料調査、イングアコー
相手国開発政策との整合性	- 中世	上位目標は当該国の開発政策や開発ニーズに合致していたか	七位日標は、当該国が日 括す方向3共通に参したが、9 アロジェケトを目指す日報について、関係者の単類が発されているか。	終了時評価(フェーズI)・実施協議・運営指導・中間評価調査報告書、関係者 の普良	ASDP-DADP、自己評価表、MAFS幹部、専門家、CP	資料調査、インタビュー、質料調査、インタビュー、質問表
受益者(ターゲットグハーブ)の選定は適当か バニーナのーーナニやショー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	ープ)の確定は適当か 数1 どいたか	対象者(受益者)の選定は適切か(ターゲットグループ=灌漑事業地の農民)	中アクチイン協議(保険的にサイン)は独型でなったか。 また、命チインが保存との国際、市間していたか。 (第: 補票 補限の対象、中央専門の指令の名乗、機形のなる)を 下げた。 (第: 指数 (2) を行うする。 (第: 指数 (2) できた。 (2) できた。 (2) に作業 (2) を行うしていません。 (3) に指数 (2) の定義によりの定義に対している。 (3) によっている。 (3) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (4) によっている。 (T		資料関本、インタビュー、 質問表
**************************************		対象事業の選定(研修方法や支援方法・アプローチ)は適切であったか	現場ニーズにあったものであったか。やその支援アプローチは妥当であったか、(例えば研修コンセプトの適合性)?	短期調査・実施協議・運営指導調査報告書、研修記録・受講生モニグリング、関係者の資見	引 専門家報告書、実施運営総括表、研修活動履歴、専門家、 C.P.	資料調査、インタビュー、 質問表
日本国側の政策との整合性	型型	協力内容は我が国及びJICAの重点方針に合致しているか	プロジェ外開始時及び最近の援助方針	我が国の援助支援資料	各国援助方針、平成17年度国別事業実施計画、TICADIII、 JICA事務所	資料調益
プロジェクト計画の多当性	型型	プロジェクト実施計画は適当であったか、(PDMの韓理性も含め)	学技術器と適用優加形 PNMの発出権を決合いた智様内核に困難に指さったから	R/D, PDM、PO、APO、実施協議・運営指導構査報告書、JCCでの議題・内容、 団体をかか自	T	資料調査、インタビュー
日本の技術・ノウハウの比較優位性	北較優位性	我が国が本案件に協力する上での有効性や技術ノウハウはあったか?	過去の協力実績や本件協力開始の磁線・背景	内が下記である。 投が国の本分野における過去の援助実績・経験、優位性	JICA実績表、JICA担当事業部	資料園村
プロジェ外目標達成の見込み	見込み	「モデルサイドにおけるコメの在産性の向上」というプロジェクト目標は衝成できたか	キアノナイト等の通点状況は?(単位に着や保証率NRRの旅行、維施価値)。更に単位面衝u当たりの収益在UNRの旅行 等、そのもの影響。 関連 関連等の原数によりの映し備在表述者指令第の第一	「PDM、APO、ベースライン調査結果、実施協議・運営指導・中間評価調査報告書、モデルサイドでの評価報告、関係者の意見	自己評価表、専門家、CP	資学監社、インタフェー、 関西教
者 プロジェクト成果はプロジ	プロジェクト成果はプロジェクト目標を達成するの こ十分であったか	プロジェケトによる活動及びその成果は、プロジェケト目標を達成する上で十分であったか	母果の養認と精顯在 神秘管型システム(INS)は確立されたか?	PDM、PO、APO、実施協議・運営指導・中間評価調査報告書、関係者の意見	実施運営総括表、専門家、C/P	資料調査、イングビュー
日间多日,为以入仓务单口	B	目標達成に係る促進・貢献要因にどの様なものがあるか	農民の漁業へや心田型事体、フォローアップ(現出権討会、成果落表会、ワークンョン戸職館)の実施 活動の手線性で減及のための仕事け(システム開発、活射者、プロセス債別の参加型アプローチ、ジェンダー無益)	中华 李	実施運営総括表、専門家、C/P	資料調査、インタピュー、
日保運及の実達・阻査	a k	目標達成にかかる阻害要因は何か、またロジェクトに大きな影響を与えた外部条件はあったか	気象(特に早起)、KATC予算、スタッフ人数その他		実施運営総括表、専門家、C/P	質問表
投入に見合った成果が達成されているか	達成されているか	投入(人、施設・資機材、資金)の活用度は十分か 投入のタイシングや計画変更は適正だったか(長尊・衛単門造や機材投入)、また投入側は適正 でかったか		【事実確認による有無と適正度判断、実確と計画との比較】 投入・派遣かるいは受入実績、専門家の観察、関係者の意見	専門家・CP、自己評価表	資料調査、インタビュー、 質問表
权备		CP研修 CP-24s/Jの配/分類や新りです。金件単位数)	日本国での研修の成果や松津社「0.00分別の以来や松津社」「0.00分別の中国で、K.V.C.2 なっつの解集	神見士棚屋のの	弾修アポート、元弾修具、専門家、C/P C/D時数 図 野 画 一 動	按摩100
#U		○1・シンシンを指導される。 プロジェントの指導を行むには、メンプランは、独立には発達している。 プロジェントの問題を持つでは、メンプランは、独立に関係を開発している。	こことに同じなが、Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana A Mana	日本を受ける	CirvixソHabel 現 研修実施報告、投入実績表、専門家、研修受講農民(中核農	NA 11 BW EL
プロジェク・マネージメ	ロジェグト・マネージメントは適切であったか	シーチャン・エルの直がように、、・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	とりこくも コン・シタイドコンゴイン くな かぎせとり ジゲーニューロー 関大 水田 小り アカーコン・ション・アンコード アンドル・アンドル アンドル・アンドル アンドル・アンドル アンドル・アンドル アンドル・アンドル アンドル・アンドル アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・アン・ア	マラロ・マン 日本の一名 日本の 本の 田 の 日 の 日 日 の 日 日 日 日 日 日 日 日 日 日 日 日	(五) (五) (五) (五) (五) (五) (五) (五) (五) (五)	資料にインタアュー、復歴教育を発展が
上位目標達成の見込み	*	エアロールス・メース・パー・アー・ション・ファー・ファー・エー・エー・エー・エー・エー・エー・エー・エー・エー・エー・エー・エー・エー	コンルルエススストールのボインのJune 13 コンドル・コンドル・コンドル・コンドル・コンドル・コンドル・コンドル・コンドル・	PDM、PO、APO、 图络者の意見	車門家、C.P	資料調査、インタビュー、 発用等
		政策・組織的なインパントは何か	県の保備的な関与 潜及員、KATCスタッフの自覚や能力構築			
10,100		技術的なインパクトは何か	CPの研修事業基値直力の向上(RTCPP研修5含か、様々な研修実施によるインパケ: KATCスタッフの自信や経験他)研修教材、実践的カリキュラムの店用と研修フログラムの開発			
	プロジェ外 実施による効果は何か、その他の波及、 効果はあるか	経済的なインパクトはあるか	農民の収入の向上(例:屋根修理、増築、子供の進学、医療費捻出等)	──営農閥査結果、運営指導・中間評価調査報告書、関係者の意見、専門家の観察	実施運営総括表、自己評価表、アロジェクトのHP、農民、周辺 地域の関係者、専門家、C/P	資料調査、インタアュー、質問表
		文化・社会的なインパットはあるか	近隣地区の農民の研修への参加、農民間の自発的な学習、女性の労働負担の軽減、積極的な発言、生活状況の改善他			
		予期されなかった正負の影響や被及効果はあったか	環境や経済・財政面への影響も含め、予期されない 好影響、悪影響があったか? (経費の一部負担等)			
(1)制度・政策・組織の側面	湖面					
事業の特徴性		研修事業の維持、スタッフの定着度、研修効果と特徴性	今後の事業展開(研修事業の継続、受託研修の可能性、人材の機械・確保)		自己評価表、実施運営総括表、KATCスタッフ、CP、専門家	資料関格、インタビュー、
KATCの組織能力		KFTC組織体制と今後の組織展望	KFTC組織体制(MAFS内での位置付け)や認知度、広報活動			MILE
		CrPの技術・ガウハウの定着度	個別技術、研修計画や実施能力、研修手法			
元込み 技術の定着度・普及の仕組み	仕組み	機材の維持管理、活用度	供与機材の活用(+フェーズ1での供与機材についても考察)	専門家の観察、関係者の意見	自己評価表、実施運営総括表、専門家、CP	資本監袖、インダアコー、発生出来
(O) Blanch Alexander		他地域への普及の可能性	地域内にかる他県氏・の影響や効果? 今回の業件での成果を括かキメガニメムはプロジェクトに限り込まれているか?			X 11 11 11 11 11 11 11 11 11 11 11 11 11
(3) 財政的側面			MARSからの子類配分(見通し)と今後の野政状況			海野鰡枠 インタアュー
KATCの財政状況		KATCの財務的持続性の確保(運営に係る財源・経費の確保)	MAFSや始めとした、現かの甲番級院の可能性	専門家の観察、関係者の意見	自己評価表、MAFS幹部、C/P、専門家	A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A THE MET A TH
(4) その 個 影 (4) 後 計 事 風	1000					

幹価項

終了時評価調査

成果の達成状況

1-1 プロジェクトの活動成果

各投入による活動成果は次の通り。

(1) 成果1:モデルサイトに対するコンセプトとアプローチが確立する

指標	結果(評価時点)
By the end of August, 2002, six (6) model	モデルサイトのコンセプトとアプローチが確立され、6
sites are selected on the basis of the criteria.	カ所のモデルサイトが既に選定された。

(2) 成果 2: KATC の研修ニーズを把握する能力が向上する

	- 11-2 - 1 - 2 - 2
指標	結果(評価時点)
2-1 At the beginning of every training course,	研修ニーズ(特に現地研修の研修トピック)について
more than 90% of course participants agree	は、各回終了時に次回の研修内容を参加者全員に確認
with the course contents as relevant to their	している。このため、研修の始めに満足度を計ること
needs.	は取りやめている。
2-2 In more than 80% of training courses, more	モデルサイトで行われた研修については、データが欠
than 80% of training participants rank A or B in	落しているものを除き、全て 80%以上の参加者が、A
questionnaire. Evaluation will be done by	あるいはBと評価した。
5-graded form (A:Excellent, B:Very Good,	
C:Good, D:Fair or Satisfactory, E:Poor)	

Table:研修をAもしくはBと評価した参加者の割合

	Table: N Sett Oo (Isbell More with 1911)								
		1作目			2作目				
スキーム	1 st	2 nd	3 rd	4 th (評価)	1 st	2 nd	3 rd	4 th	5th(評価)
Nakahuga	99.6	99.3	99.6	99.3	99.9	99.8	99.7	n.a*1	n.d* ²
Mombo	99.9	99.9	n.a	n.d	99.9	99.6	99.8	100.0	n.d
Mbuyuni	97.6	96.5	n.a	n.d	99.2	97.6	100.0	98.3	n.d
Mwega	99.8	99.9	99.7	n.d	98.6	99.3	99.3	99.9	n.d
Mwamapuli	n.a	97.8	98.2	n.d	97.8	97.8	99.9	98.5	n.d
Nduguti	n.a	n.a	n.d	n.d	97.8	98.2	n.d	n.d	n.d

n.a*1: 適用不可

 $n.d^{*2}$: 未実施 Nakahuga の 1 作目を除いて、第 5 回目の研修はそれまでの研修の評価であったこ とから、あえて5回目の評価は行っていない。また、Ndugutiは、水不足のため3回 目以降の研修は無し。n.a については、研修レポートに評価の要約が記載されている ものと、データそのものが欠落しているものがあり分析できなかった。

(3) 成果 3: KATC の灌漑稲作生産性に関する技術研修プログラムが強化される

指標	結果 (評価時点)
3-1 By 2005, 80% of Key Farmers adopt	1作目の結果
at least 80% of basic field techniques	Mbuyuni: KF 80%, IF 100% Mombo: KF 94%, IF 100%
learnt and 80% of Intermediate Farmers	Mwamapuli: KF 50%, IF 99% Mwega: KF 89%, IF100%
adopt at least one basic field technique	Nakahuga: KF 94%, IF 100% Nduguti: N/A
learnt. (for the items of basic field	
techniques, see Annex.3.)	

	T
	2作目の結果
	Mbuyuni: KF 80%, IF 99% Mombo: KF 100%, IF 100%
	Mwamapuli: KF 90%, IF100% Mwega: KF 85%, IF 99%
	Nakahuga: KF 94%, IF100 % Nduguti: N/A
	Nduguti を除く全てのスキームにおいて、指標は達成された.
3-2 By 2005, technical standards on rice	1~2 作目で実施した Demo trial 結果のデータベースへの入
cultivation are established in all model	力作業は終了し、現在は結果の要約作業中である。Technical
sites through field trial activities	standard は品種・稲作栽培時期の相違もあるのでスキーム毎
conducted by field personnel and key	に整理され、第一ドラフトは2006年5月には準備され、完
farmers. (for the items of technical	成版も早々に作成される予定である。
standards, see Annex.4)	
3-3 By 2005, the final versions of	Technical manuals の構成、内容を決定。現在関連資料の収集
technical manuals for each model site is	中。第一ドラフトは構成中であり、完成版も早々に作成さ
prepared based on local needs.	れる予定である。
3-4 Modified field training	Mkombozi、Muungano、Lemkuna の 3 スキームを選定。
programme(s), which encourage districts	Land preparation、Transplanting ステージの現地研修を各々実
to adopt KATC trainings as an	施。
implementation tool of their DADP, are	Lemkuna については、Key farmer course (集合研修) を実施。
developed.	

(4) 成果4:灌漑事業地の制度体制を改善するための研修プログラムが強化される

指標	結果(評価時点)
4-1 Implementation plan (IP) for each	2003年2月にIPを作成。
model site is prepared, implemented,	
and revised based on the	
implementation result jointly by	
district, scheme, zonal irrigation office	
and KATC, with the special emphasis	
on cost sharing.	
4-2 By 2005, farm operation calendars	Nduguti を除く全てのモデルサイトにおいて Farm operation
and plans are prepared, carried out and	calendarが作成された。
evaluated by managing personnel, key	
farmers and intermediate farmers in	
each model site. (Farm operation	
calendars and plans include; farm	
operation, water distribution plan,	
canal maintenance and management	
plan, and organizational activity plan.)	
4-3 By 2005, active membership of	Nduguti を除く全てのモデルサイトにおいて、目標は達成さ
irrigators' association/cooperative	れている。
societies in each model site increase	水利組織のメンバー数は全てのモデルサイトで増加してい
compared to 2002. ("Active members"	る(2003 年→2004 年→2005 年)
are paying membership fee and	Mbuyuni : 868→868→875 Mombo : 180→190→300
participating O&M activities.)	Mwamapuli : $885 \rightarrow 885 \rightarrow 893$ Mwega : $671 \rightarrow 702 \rightarrow 732$
	Nakahuga : 68→100→125 Ndugiti : N/A

O&M 活動の参加者数のデータを取得しようとしたが、スキームでは記録しておらず、取得できなかった。

水利組合費を支払っているメンバーの数は各モデルサイトで増加している(2003 年→2004 年→2005 年)
Mbuyuni: 471→484→501 Mombo:180→190→300 Mwamapuli:798→787→820 Mwega:671→702→732 Nakahuga: 50→100→121 Ndugiti:N/A

4-4 The manual/guide for strengthening institutional framework is prepared by the end of the project.

水利組織強化のためのガイドラインは既にドラフトが作成され、完成版もプロジェクト終了前にスワヒリ語・英語にて作成予定である。

(5) 成果 5: 有益な灌漑稲作栽培に関する情報を収集、発信する KATC の機能が向上する

指標	結果(評価時点)
5-1 By 2006, library database and	データベース作成途中。 2005年5月16日~7月4日まで
classified information database are	短期専門家(情報管理)を派遣し、成果品管理及び広報資
established.	料作成・発行体制の確立を図った。各々につき Regulation、
	Workflow、Manual が作成され、情報管理システムの基礎が
	確立、実施に移されている。
5-2 By 2006, four Kiswahili & two	通算、スワヒリ語版ニュースレターが 5 刊、英語版ニュー
English newsletters in a year and	スレターを 3 刊発行済み。 2005 年 5 月 16 日~7 月 4 日ま
annual technical progress reports are	で短期専門家(情報管理)を派遣し、成果品管理及び広報
prepared, and web-site of KATC is	資料作成・発行体制の確立を図った。各々について
established and revised on monthly	Regulation、Workflow、Manual が作成され、情報管理システ
basis.	ムの基礎が確立され、実施に移されている。

(6) 成果 6: 灌漑稲作生産に関する技術研修の計画、実施、モニタリングにジェンダーを組み 入れるコンセプト、アプローチが確立する

指標		結	果(評価	時点)	
6-1 Project activities are implemented	2002年10月に	2002 年 10 月に派遣されたジェンダー短期専門家を中心に			
according to the gender checklist based	ジェンダートレ	ーニング	ブニーズ	の特定を	行った。
on Plan of Operation.					
6-2 Through the project period, the	(1 作目結果)	<u>KF</u>	<u>IF</u>	<u>OF</u>	<u>Total</u>
percentage of women participants in	Mbuyuni	52%	45%	51%	48%
Key Farmers course and in-field	Mombo	50%	59%	46%	54%
training is more than 45% by	Mwega	53%	43%	44%	46%
	Mwamapuli	50%	42%	36%	44%
considering gender needs in model	Nakahuga	49%	49%	44%	48%
sites.	Nduguti	40%	53%	N/A	47%
	Grand Total	48%			
	(2作目結果)				
	Mbuyuni	50%	40%	34%	41%
	Mombo	48%	57%	58%	56%
	Mwega	51%	42%	47%	45%
	Mwamapuli	51%	38%	33%	38%
	Nakahuga	48%	47%	49%	48%

	Nduguti Grand Total	45% 46%	47%	50%	47%
6-3 By 2006, at least one specialized	2004年10月1	Mbuyuni、	同 11 月	Mwamaj	puli 及び Nduguti、
subject training based on Gender needs	同 12 月 Mweg	a、2005 🕏	年1月 M	Iombo 及で	び Nakahuga にてジ
is conducted for and the activity is	ェンダー特化	研修 (改)	良かまど	製作、家	(計管理) を実施し
adopted in each model site.	た。				

1-2 プロジェクト目標

終了時評価時点での、プロジェクト目標の達成度は次の通りである。

Project Purpose: Productivity of rice increases in the model sites through the KATC's training.

指標1	1. Average rice yield per unit area of sample farmers in model sites increase by
	12-43% by2005 compared to 2002.

評価時点

天候の影響のため、作付けができないサイトが1カ所あった。しかし、その他サイトでは変動はあるものの、2作期間で目標を超える収量を達成したといえる。

Yield of 2nd season

Mbuyuni : 3.56 t/ha (87% of Increment) / Target 2.72 t/ha (43% of Increment)

Mombo : 3.82 t/ha (0% of Increment) / Target 4.24 t/ha (12% of Increment)

Mwamapuli : 5.80 t/ha (57% of Increment) / Target 4.46 t/ha (21% of Increment)

Mwega : 3.16 t/ha (76% of Increment) / Target 2.50 t/ha (39% of Increment)

Nakahuga : 4.74 t/ha (53% of Increment) / Target 4.08 t/ha (32% of Increment)

(注) 旱魃のため、Nsugti では研修が実施できず。また上記の通り、Mombo は厳密には目標に到達していないが、2003 年以降、継続的旱魃で水不足の状況下にあり、特に 2005 年の旱魃による水不足は、当スキームの作付け計画変更を余儀無くさせ、結果的に 2004 度と比較して収量低下の原因となった。しかし、この様な強度の旱魃下にも係わらず、この程度の軽度の収量低下に留まったのは、技術研修による適切な水管理と栽培技術が農家間に浸透した結果と考えられる。

指標 2	2. By 2005, the net return rate from rice in all the model sites increase compared to
	those of 2002.

評価時点

純収益額については一部労働雇用や資機材の購入等により生産費用が増大したため、若干、収益率が低下したサイトもあるが、総じて、大きく改善されている。

自身や家族の労働量軽減のための労働者雇用や、研修で適切な使用法を学んだ生産資材の購入等により生産費用が増加した農家があるため、Mbuyuni 及び Mombo においてわずかな低下がみられるが、総じて純収益率は改善されたと言える。

Mbuyuni : 82%→77%→79% → Mombo : 57%→66%→55% → Mwamapuli : 52%→77%→84% ✓ Mwega : 54%→79%→67% ✓

Nakahuga : 56%→88%→82% **~** Nduguti : N/A

また単位面積当たり収益(UNR)も全てのスキームで著しく向上した事からも、収益性が改善されたと結論付けられる。

Mbuyuni : 426→747→ 969 (228%) Mombo : 392→646→532 (136%) Mwamapuli : 292→582→1,245 (427%) Mwega : 218→517→680 (312%) Nakahuga : 377→950→ 894 (237%) Nduguti : N/A (単位 1,000Tsh/ha)

指標 3 3. By 2005, properly irrigated area increase in all the model sites compared to those of 2002.

評価時点

配水計画、均平化、畦、排水問題、灌漑用水手当て等の条件が満たされたことから、プロジェクト目標は達成された。

- "Properly irrigated=適切に灌漑された"を以下の条件を満たすと定義した。
- a) 配水計画の整備、b) 圃場の均平化、c) 圃場が畦で囲われ、d) 圃場に排水問題が無い、e) 適切な時期に十分な灌漑用水が圃場に供給

これら5つの条件が同時に満たされた時、その圃場について"適切に灌漑された"とする。

a) 配水計画

配水計画は全てのスキームにおいて、KATCの2作季にわたる研修中にKATC教官の指導の下、 農民により作成された。

b) 均平化

Mbuyuni : $19.3 \rightarrow 103.0$ Mombo : $27.0 \rightarrow 108.5$ Mwamapuli : $32.1 \rightarrow 90.1$ Mwega : $26.8 \rightarrow 65.8$

Nakahuga : 15.0→ 16.3 Ndugiti : N/A (単位:エーカー)

c) 畦

Mbuyuni : $19.9 \rightarrow 95.5$ Mombo : $100.9 \rightarrow 123.9$ Mwamapuli : $67.2 \rightarrow 97.4$ Mwega : $12.0 \rightarrow 69.9$

Nakahuga : 14.0→ 16.3 Ndugiti : N/A (単位:エーカー)

d) 排水問題

Mbuyuni : $87.0 \rightarrow 54.8$ Mombo : $87.8 \rightarrow 7.8$ (旱魃の影響で数字が改善された様

に見えているが、実際に改善したかどうかは判断できない)

Mwamapuli : $63.7 \rightarrow 20.0$ Mwega : $21.4 \rightarrow 14.3$

Nakahuga : 7.4→ 3.6 Ndugiti : N/A (単位:エーカー)

e) 灌漑用水手当て(上段は「代掻き期」、下段は「稲の成長期」における数字)

Mbuyuni : 42.7%→89.3% Mombo : 62.1%→91.3%

40.8%→89.3% 58.3%→ 5.8% (旱魃発生)

Mwamapuli : $54.9\% \rightarrow 90.2\%$ Mwega : $40.5\% \rightarrow 89.2\%$

50.0%→86.3% 45.0%→88.3%

Nakahuga : $62.9\% \rightarrow 94.3\%$ Ndugiti : N/A $40.0\% \rightarrow 48.6\%$ N/A

Target Six (6) Model Site Outlook at the time of the Project terminal evaluation

Model site general information *Editing from Mid-term evaluation reports					
Name of Scheme	Mombo	Mwega	Mbuyuni		
District Name	Korogwe	Kilosa	Mbarali		
Irrigation Zone	Kilimanjarc	Morogoro	Mbeya		
Irrigated Areas (ha)	220	580	800		
No. of farmers (household)	429	732	More than 1.000*		

Transfer branched 201	Irrigation Zone	Kilimanjarc	Morogoro	Mbeya
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Yes 109% A very	No of village	4 villages	3 villages	2 villages (upper & lower river side)
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Interviewer Mr.A.Matsumoto (JICA Consultant) Mr.A.Matsumoto (JICA Consultant) Mr.A.Matsumoto (JICA Consultant) Mr.A.Matsumoto (JICA Consultant) Mr.A.Matsumoto (JICA Consultant) Mr.A.Matsumoto (JICA Consultant) Mr.A.Sassistant Mr.N. Shauritanga (IU/CD Unit, KATC) Mr.N. Shauritanga (IU/CD Unit, KATC) *Due to the arrangement wrong, interview was *In Chimala, there are several rice millers and many rice				
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Name of Scheme	Nduguti	Mwamapuli	Nakahuga
District Name Irrigation Zone	Shinyanga Rural Mwanza	Igunga Tabora	Songea Mtwara
irrigation Zone	Mwanza	1 abora	*In Nakafuga, main target sub-scheme is "Mtopesi"
Irrigated Areas (ha)	400	630	68*
No. of farmers (household)	770	948	45*
No. of Irrigator/Farmers Association (Time change, 2001-2004-2006)	770 (at 2006)	885 - 885 - 893	In Nakafuga as a whole, approx. 522
Average of rice Yield (ton/ha)	3.0 - No Record (at 2006, same level of yield will	5.0 - 5.80	4.4 - 4.74
(2204-2006)	be expected)		
Interview & Questionnaire Results			
Study date:	Sun 14.5.2006 In 1996, scheme was constructed by IFAD (PIDP)	Sun 14.5.2006 In 1991, scheme was constructed by AFDB and	Tue 16.5.2006 In 2000, scheme was constructed by district council, and
Irrigation Scheme history	and rehabilitated at 2001.	Tanzanian government.	be rehabilitated by national gov
Farmers experience of training before	Training was conducted under PIDP such as	N/A	District funded and sent 20^25 farmers to KATC I, and
	cooking stove making and gender issues for a few	4 - 21	KATC II provided in-field training as well. No other
No of village	3 villages (currently, two village was emerged into one.)	4 villages	1 village * In the scheme, almost farmers' rice experience is only 3
	,		years by interview.
Yield increase or not	N/A	Yes (100%)	Yes (100%) greatly
Reason of yield increase:		Timely operation	Timely preparation
Reason of yield nerease.		Due to KATC training	Due to KATC training
			Fertilizer
			Seed selection
			Proper water management
			Men and women worked together like weeding.
Income from rice selling	N/A	Yes (100%)	Yes (100%) tremendously
Evidence:		The rice bag was increased from 20 to 52 (more than	Build a house.
As training impacts;		double).	School fee paid/Uniform for children
		Build a house.	Better clothes / Better diet
		School fee paid.	Cattle
		Purchased motorcycle/cellar phone Bought cow/sheep	Purchased mattress/TV Capital increase for getting loan
		Bought Cow/sneep	Purchased milling machine
		Purchased milling machine/oxen/weeder	Transport payable
Transfer knowledge	Vay formers transferred their knowledge gained by	Purchased sewing machine Almost farmers transferred their knowledge to others,	Hire labour
Transfer knowledge	Key farmers transferred their knowledge gained by KATC training.	such as planting, spacing, transplanting, fertilizer	Key Farmers disseminated their knowledge gained by KATC training.
		application, leveling.	-
	Women replied she had had never participate such	The farmers each other they are closed relationship, so	Intermediate farmer said only 2 farmers transfer due to
	"gender" training before. * Due to the severe drought since 2002 up to 2005,	they said it is common to transfer new knowledge	capacity. Other Farmers had a family problem / no instructed
	no rice product.		by others, so no transfer.
	Instead of rice produce, farmers produced mainly		<impact> On the other hand, some Key Farmers</impact>
	maize, solgum, cassava, sweet potato and		transferred the skills to surrounding area, because of
	groundnut , etc. They frankly told it was a severe life at the time.		closed relationship such as relatives or owing land in
			*Most of the training skills was new for all farmers due to short history of rice cultivation.
Most useful training subjects are:	Seed preparation	Spacing	Cropping calendar
<i>C</i> ,	Nursery preparation	Push weedier / equipment	Spacing
	Spacing For save water	Seed selection, because it helped healthy seed and good	Timely fertilizer application
	Seed selection	production.	Seed selection
	Leveling/bundling	Nursery preparation Record keeping / water use	Nursery preparation Water management
	*However, they said they could not use the skills	Timely fertilizer application	Weeding and Harvesting
	due to the drought. And they need some practical	KFs are happy to select as leaders because they are	Gender balance and mainstream
	training right now continuously.	proud of representatives.	Simple tool & Pesticide utilization
Other aspects	In 2006, thanks for raining, most farmers started rice planting even late March, and willbe		The district council had collaborated with the Project and provided several opportunity; 1)Study tour provided for
Outer aspects	harvested hopefully.		other scheme farmers looking into Nakahuga scheme,
	<u>In 2001</u> , it was a best time of rice harvest in the		2)Mfinga rice farmers had a chance to home stay in
	scheme with sufficient raining		Nakahuga for a month to learn the skills.
Environment	Last a couple of years droughts, no rice seed	Insufficient infrastructure/need of rehabilitation	In the scheme there are possible to cultivate rice twice if
	supply,. So this year some farmers exchanged	Limitation of market accessibility	the water is available.
	their goat to 1sec of seed bag (70kg).	_	
	Not only the problem of rainfall, domestic water and health are also other serious problem in the	Tomato is also cultivating.	Some farmers purchased rice milling machine. On the other hand, the Project provided one milling machine
	villages.	Fertilizer/water/limited land/equipment/market/low	for cooperative and the training.
	In the villages, women are traditionally	price are the main problem among farmers.	
	empowered, and women association has been		Necessity of rehabilitation Intec and facility
		Bird demogra is one of problem	Pest and diseases problem
Interviewee	Scheme Manager, Word Executive Officer, DED,	Bird damage is one of problem. Scheme Manager, DED, 25 Farmers (KF6, IF12, OF7)	Untimely supply of agricultural inputs Scheme Manager, DED, VAIO, 21 Farmers (KF2, IF9,
	District officer, 41 Farmers (KY12, IF20, OF9)		OF10)
T	including Member of scheme committee	Ma A Materiana (HCA C. 15 a)	Ma A Motormata /IICA C
Interviewer Assistant	Mr.A.Matsumoto (JICA Consultant) Mr. Hamis Nyangi (Tanzanian Evaluation member)	Mr.A.Matsumoto (JICA Consultant) Mr. Hamis Nyangi (Tanzanian Evaluation member)	Mr.A.Matsumoto (JICA Consultant) Mr. Hamis Nyangi (Tanzanian Evaluation member)
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