

Appendix 2
FAO-Netherlands Partnership Programme
Seed System Impact on Household Welfare and Agricultural Biodiversity
Household Survey
VISIT 2: January 2003

Introduce yourself and explain the purpose of your visit. Remind the farmer of the previous visit and tell him that we have come to complete the information for the year. Note that there are no right and wrong answers and that no names will be put in the data base.
Survey number should be the same used in last visit per each household

Chiro	
01=Beka Bela	06=Welda Jallela
02=Lalo Gudo	07=Yabdo Shenbko
03=Ija Fara	08=Teyfe
04=Oda Moti	09=Fungendima
05=Odda Roba	10=Yabdobobaku

Meta 2			
01=Itosa Kollo	05=Hawi Bilisuma	09=Harew	13=Woltha
02=Wolkebdu Misoma	06=Biftu Genema	10=Doke	14=Elaabro
03=Oda Chiafe	07=Wolenso	11=Tatayti	15=Ifa Jallela
04=Chelenko lola	08=Bekelcha Oromea	12=Chelenk Hara	16=Dudela

Dire	02=Biyo		
Dawa 3	01=Awale	Awale	03=Kalicha

survey number	woreda	pa	hh	hhsex	Name of enumerator	Complete name of the household head	Date of Interview	Time interview started	Time interview completed

SECTION 1.CROP PRODUCTION

We would like to collect remaining information about the crops you planted since January 2002 and in particular about sorghum and wheat.

During our first visit we asked you what crops you have planted since Jan 2002 and in which plots you had sorghum and wheat.

In order to collect these information it would be better to re-call information gathered on our first visit about the land you are operating as well as crop planted in each plot of land.

Table 1.1.A. OPERATED PLOTS OF LAND

In our first visit you said your family has the following plots of land:

The grey cell contains data collected in the previous visit.

write the correct number
otherwise

Tick in the white part of the column if the information contained in the grey part is correct.

Survey Number	Total Number of Plots owned	Total area of owned plots in timmad	Total Number of owned plot but rented out	Total area of owned plot but rented out (in Timmad)	Total Number of plots rented-in	Total area of plots rented in (in timmad)	Total number of operated plots	Total area of plots operated (in timmad)

Table 1.1.B. OPERATED PLOTS OF LAND*And precisely you said you are operating:**The grey cell contains data collected in the previous visit.**Tick in the white part of the column if the information contained in the grey part is correct.**write the correct number
otherwise*

survey number	Own plot code		Owned plots area (in timmad)	

Rented-in plot code		Rented-in plots area (in timmad)	

Table 1.1.C. CROPS PLANTED

1. Can you confirm you have planted the following crops in the plots of land you operate from January 2002 to our last visit which was beginning of September?

Tick in the white part of each row if the information is confirmed otherwise write the right information

In this plot you said you planted the following crop and variety (variety has to be specified only for sorghum and wheat)

survey number	plot code	crop		sorghum variety		wheat variety	

TABLE 1.2 ADDITIONAL CROPS

1. Have you planted any crops since our last visit that were not noted in previous table?

0=NO (→ TABLE 1.5)
1=YES (→ 2)

1

TABLE 1.3 ADDITIONAL SORGHUM PRODUCTION: VARIETIES PLANTED BY PLOT *to be completed only if farmer has planted additional sorghum***We are now going to focus on additional sorghum you planted since our last visit.***(From previous table, pick up just plots with sorghum and write them down in the first column with the same code used previously)***You said that on the following plots you planted additional sorghum. Can you please detail which variety of sorghum are you growing in each plot or share of the plot?**

1. Plot <i>Refer to table 1.2 and select plots where farmers are growing sorghum.</i>	2. What variety or varieties of sorghum did you plant on this plot since our last visit? <i>See code sheet</i>		3. In what month did you plant it? 9=SEPTEMBER 10=OCTOBER 11=NOVEMBER 12=DECEMBER 13=JANUARY 2003 14=FEBRUARY	4. How much seed was sowed for this variety on this plot? <i>If none then put 0</i>	5. How much of your own seed of this variety did you plant on this plot? <i>If none then put 0</i>	6. How much seed of this variety did you purchase for this plot (including delayed payment)? <i>If none then put 0 → 9</i>	7. How much did you pay for the purchased seed of this variety?	8. Where did you purchase the seed for this variety? <i>See code sheet</i>	9. How much seed of this variety did you obtain from another source (as a gift, in exchange for labor, etc.) for this plot? <i>If none then put 0 → last column</i>	10. Where did you obtain the seed for this variety? <i>See code sheet</i>	11. What did you have to provide in return for this seed?	CHECK TO VERIFY THAT COLUMN NS 5+6+9= 4
	PLOT CODE	NAME	VARIETY CODE	CODE	KG	KG	KG	CASH KIND TOTAL BIRR KG	SOURCE CODE	KG	SOURCE CODE	

TABLE 1.4 ADDITIONAL SORGHUM PRODUCTION: INPUTS *to be completed only if farmer has planted additional sorghum**Please tell us about the inputs used in each stage of production for plot were you planted sorghum since our last visit.*

1. Plot <i>Please refer to table 1.3.</i>	A. LAND PREPARATION										
	2. In what month did you prepare the land for this plot? 9=SEPTEMBER 10=OCTOBER 11=NOVEMBER 12=DECEMBER 13=JANUARY 2003 14=FEBRUARY 2003	3. How many days of person labor were used for land preparation?	4. Were any of these days paid? 0=NO→6 1=YES	5. How much adult male, adult female and child labor in total was paid (in birr or in kind) for land preparation?			6. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for land preparation? <i>If none put 0</i>			7. How many days of animal labor were used for land preparation? <i>If none put 0</i>	8. How many days of tractor services were used for land preparation? <i>If none put 0</i>
PLOT CODE	CODE	TOTAL NUMBER OF PERSON DAYS	CODE	ADULT MALE NO OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) NO OF DAYS	ADULT MALE NO OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) NO OF DAYS	NUMBER OF DAYS	NUMBER OF HOURS

1. Plot <i>Please refer to table 1.3.</i>	B. PLANTING									
	2. How many days of person labor were used for planting? 0=NO→5 1=YES	3. Were any of these days paid? 0=NO→5 1=YES	4. How much adult male, adult female and child labor in total was paid (in Birr or in kind) for planting?			5. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for planting? <i>If none put 0</i>			6. How many days of animal labor were used for planting? <i>If none put 0</i>	7. How many hours of tractor services were used for planting? <i>If none put 0</i>
PLOT CODE	TOTAL NUMBER OF PERSON DAYS	CODE	ADULT MALE N OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) N OF DAYS	ADULT MALE N OF DAYS	ADULT FEMALE N OF DAYS	CHILD (<14) NUMBER OF DAYS	NUMBER OF DAYS	NUMBER OF HOURS

TABLE 1.5: TOTAL SORGHUM PRODUCTION: INPUTS (CONTINUED)

We are now referring to all sorghum since January 2002, which means information collected during our first visit + additional sorghum eventually planted and listed in above tables (1.1.C and 1.3)

1. Plot number <i>Please list again plots where farmers are growing sorghum, as from table 1.1.C and 1.3 making sure to use the right code</i>	A. WEEDING AND CULTIVATION					
	PLOT CODE	2. How many times have you weeded and cultivated in this plot since planting? <i>If none then put 0 → next plot or →B if there are not other plots</i>	3. How much adult male, adult female and child labor in total was paid (in birr or in kind) for weeding and cultivating? <i>If none then put 0</i>			4. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for weeding and cultivating? <i>If none then put 0 → next plot or →B if there are not other plots</i>
N. OF TIMES			ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	

1. Plot number <i>Please list again plots where farmers are growing sorghum, as from table 1.1.C and 1.3</i>	B. IRRIGATING							
	PLOT CODE	2. How many times have you irrigated this plot since planting? <i>If none then put 0 → next plot or →C if there are no other plots</i>	3. How much adult male, adult female and child labor in total was paid (in Birr or in Kind) for irrigating? <i>If none then put 0</i>			4. How much adult male, adult female and child family or exchange (unpaid) labor in total was paid for irrigating? <i>If none then put 0</i>		5. What is the dominant form of irrigation in this plot? 1=FLOOD 2=TRIKLE 3=FURROW 4=SPRAY 5=OTHER CODE
NO. OF TIMES			ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	

TABLE 1.5 TOTAL SORGHUM PRODUCTION: INPUTS (CONTINUED)

TABLE 1.6 TOTAL SORGHUM PRODUCTION: OUTPUT*Tell us about how much sorghum was harvested and what you did with the output.*

1. Plot num ber <i>Please list again plots where farmers are growin g sorghu m.1.1.C and 1.3</i>	2.What is the total quantity of sorghum harvested on this plot? <i>Put 0 if crop failed. Ask an estimation if not yet harvested</i> <i>if 0 or estimate →next plot or →table 1.7 if no other plots</i> <i>999=does not know</i>	<i>Please tell us all the uses of this output.</i>							<i>If sold...</i>			13. Which is the main use you made out of straw/fod der? <i>See code sheet</i>	14. <u>CHECK</u> <u>THAT</u> <u>COLUMNS</u> <u>2=3+4+5</u> <u>+6+7+8+</u> <u>9</u>
		3. How much output was used or set aside for home consump tion? <i>If none, put 0</i> <i>999=does not know</i>	4. How much output was used or stored for planting next planting season? <i>If none, put 0</i> <i>999=does not know</i>	5. How much output was used or set aside for livestock feed? <i>If none, put 0</i> <i>999=does not know</i>	6. How much output was provided to a sharecropper or landlord? <i>If none, put 0</i> <i>999=does not know</i>	7. How much output was used to pay laborers? <i>If none, put 0</i> <i>999=does not know</i>	8. How much output was returned to HCS or to other sources? <i>If none, put 0</i> <i>999=does not know</i>	9. How much output was sold? <i>If none, put 0</i> <i>999=does not know</i>	10. How much did you receive as payment for selling this output? <i>If none, put 0 → 13 If >0 → 10</i>	11.In what month was the output sold? <i>1=JAN02 2=FEB02... 12=DEC 13=JAN 2003</i>	12. To whom did you sell it? <i>9999=does not know</i>		
PLOT CODE	KG	KG	KG	KG	KG	KG	BIRR	CODE	RECIPIEN T CODE	CODE	CHECK (X)		

TABLE 1.7 TOTAL SORGHUM PRODUCTION: STRESSES AND CRISES

A. STRESSES				
1. Plot <i>Please list again plots where farmers are growing sorghum. 1.1.C and 1.3</i> PLOT CODE	2.What is the main stress your sorghum production has been subject to during this year 2002 in this plot? <i>See code sheet</i> <i>If no stress use 0→next plot or →B is n other plots</i> STRESS	3.Did you lose any of the harvest due to those stresses? 0=NO→5 1=YES→4 CODE	4.What percent of the harvest was lost? <i>999=does not know</i> % LOST	5.How many times has this affected you since the downfall of the last regime? N. OF TIMES

B. CRISES	
1. Did you eat any seeds you had decided to set aside for next planting season? 0=NO→TABLE 1.8 1=YES→2 CODE	2. Where are you going to get seeds for next planting season? <i>See code sheet</i> SOURCE CODE

TABLE 1.8 SORGHUM POST HARVEST STORAGE

1.Did you store your sorghum harvest for 2002 separately by varieties? 0=NO 1=YES CODE	2. Did you store seed separately from grain? 0=NO 1=YES CODE	3. Who is responsible for storage? 1=HUSBAND 2=WIFE 3=SON 4=DAUGHTER 5=OTHER RELATIVE 6=ALL FAMILY <i>Give up to three options</i> CODE	4. Did you face storage losses this year? 0=NO →7 1=YES→5 CODE	5. How much quantity of sorghum was lost during storage? 1= SOME 2= MOST 3= ALL CODE	6. What are the causes of storage losses? 1=INSECTS 2=WORMS 3=RODENTS 4=MOISTURE 5=DISEASE 6=OTHER <i>Give up to a maximum of three options</i> CODE 1 ST 2 ND 3 RD	7. Do you apply any treatment to avoid loses? 0=NO → <i>next page</i> 1=YES →8 CODE	8. What kind of treatment? 1=PESTICIDES 2=BARRIERS 3=AROMATIC PLANTS 4=BIOLOGICAL CONTROL 5=OTHER CODE	9. What is the cost of treatment? <i>999=does not know</i> BIRR

TABLE 1.9 ADDITIONAL WHEAT PRODUCTION: VARIETIES PLANTED BY PLOT: *to be completed only if farmer has planted additional wheat***We are now going to focus on additional wheat you planted since our last visit.****(From previous table, pick up just plots with wheat and write them down in the first column with the same code used previously)****You said that on the following plots you planted additional wheat. Can you please detail which variety of wheat are you growing in each plot or share of the plot?**

1. Plot <u>Refer to table 1.2 and select plots where farmers are growing wheat.</u>	2. What variety or varieties of wheat did you plant on this plot since our last visit? <u>See code sheet</u>		3. In what month did you plant it? 9=SEPTEMBER 10=OCTOBER 11=NOVEMBER 12=DECEMBER 13=JANUARY 2003 14=FEBRUARY	4. How much seed was sowed for this variety on this plot?	5. How much of your own seed of this variety did you plant on this plot? <u>If none then put 0</u>	6. How much seed of this variety did you purchase for this plot (including delayed payment)? <u>If none then put 0 → 9</u>	7. How much did you pay for the purchased seed of this variety? <u>999=does not know</u>	8. Where did you purchase the seed for this variety? <u>See code sheet</u>	9. How much seed of this variety did you obtain from another source (as a gift, in exchange for labor, etc.) for this plot? <u>If none then put 0 → last column</u>	10. Where did you obtain the seed for this variety? <u>See code sheet</u>	11. What did you have to provide in return for this seed?	CHECK TO VERIFY THAT COLUMN NS 5+6+9= 4 1=NOTHING 2=SEED AT END OF SEASON 3=SEED AT FUTURE DATE 4=GRAIN 5=LABOR 6=OTHER GIFT	
	PLOT CODE	NAME	VARIETY CODE	CODE	KG	KG	KG	TOTAL BIRR	KIND	KG	SOURCE CODE		KG

TABLE 1.10 ADDITIONAL WHEAT PRODUCTION: INPUTS *to be completed only if farmer has planted additional wheat*
Please tell us about the inputs used in each stage of production for each plot of wheat.

1. Plot <i>Please refer to table 1.9.</i>	A. LAND PREPARATION										
	2. In what month did you prepare the land for this plot? 9=SEPTEMBER 10=OCTOBER 11=NOVEMBER 12=DECEMBER 13=JANUARY 2003 14=FEBRUARY 2003	3. How many days of person labor were used for land preparation?	4. Were any of these days paid? 0=NO→6 1=YES	5. How much adult male, adult female and child labor in total was paid (in birr or in kind) for land preparation?			6. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for land preparation? <i>If none put 0</i>		7. How many days of animal labor were used for land preparation? <i>If none put 0</i>	8. How many hours of tractor services were used for land preparation? <i>If none put 0</i>	
PLOT CODE	CODE	TOTAL NUMBER OF PERSON DAYS	CODE	ADULT MALE NO OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) NO OF DAYS	ADULT MALE NO OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) NO OF DAYS	NUMBER OF DAYS	NUMBER OF HOURS

1. Plot <i>Please refer to table 1.9</i>	B. PLANTING									
	2. How many days of person labor were used for planting?	3. Were any of these days paid? 0=NO→5 1=YES	4. How much adult male, adult female and child labor in total was paid (in Birr or in kind) for planting?			5. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for planting? <i>If none put 0</i>		6. How many days of animal labor were used for planting? <i>If none put 0</i>	7. How many hours of tractor services were used for planting? <i>If none put 0</i>	
PLOT CODE	TOTAL NUMBER OF PERSON DAYS	CODE	ADULT MALE N OF DAYS	ADULT FEMALE NO OF DAYS	CHILD (<14) N OF DAYS	ADULT MALE N OF DAYS	ADULT FEMALE N OF DAYS	CHILD (<14) NUMBER OF DAYS	NUMBER OF DAYS	NUMBER OF HOURS

TABLE 1.11: TOTAL WHEAT PRODUCTION: INPUTS (CONTINUED)

We are now referring to all wheat since January 2002, which means information collected during our first visit + additional wheat eventually planted and listed in above tables.

1. Plot number <i>Please list again plots where farmers are growing wheat, as from table 1.1.C and 1.9 making sure to use the right code</i>	A. WEEDING AND CULTIVATION								
	PLOT CODE	N. OF TIMES <i>If none then put 0 → next plot or →B if there are not other plots</i>	2. How many times have you weeded and/or cultivated in this plot since planting? <i>If none then put 0 → next plot or →B if there are not other plots</i>			3. How much adult male, adult female and child labor in total was paid (in birr or in kind) for weeding and cultivating? <i>If none then put 0</i>	4. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for weeding and cultivating? <i>If none then put 0 → next plot or →B if there are not other plots</i>		
			ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS		ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS

1. Plot number <i>Please list again plots where farmers are growing wheat, as from table 1.1.C and 1.9</i>	B. IRRIGATING									
	PLOT CODE	NO. OF TIMES <i>If none then put 0 → next plot or →C if there are no other plots</i>	ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	IRRIGATION	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	5. What is the dominant form of irrigation in this plot? <i>See code sheet</i>	6. What is the dominant source of irrigation in this plot? <i>See code sheet</i>
									1=FLOOD	2=TRIKLE

TABLE 1.12 TOTAL WHEAT PRODUCTION: INPUTS (CONTINUED)

1. Plot number <i>Please list again plots where farmers are growing wheat as from table 1.1.C and 1.9</i>	C. APPLICATION OF FERTILIZERS AND PESTICIDES														8. Where did you purchase those fertilizers and pesticides? <i>See code sheet</i>		
	2. How many times have you fertilized this plot since planting? <i>If none then put 0</i>	3. How many times have you applied pesticides to this plot since planting? <i>If none then put 0</i>	4. How much adult male, adult female and child labor in total was paid (in birr or in kind) for applying fertilizers and pesticides? <i>If none then put 0</i>			5. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for applying fertilizers and pesticides? <i>If none then put 0</i>			6. What is the total quantity of fertilizers used in this plot? and what is the cost of the total amount applied? <i>(total cost)</i> <i>999=does not know</i> <i>If none then put 0</i>				7. What is the total quantity of pesticides used in this plot? and what is the cost of the total amount applied? <i>(total cost)</i> <i>999=does not know</i> <i>If none then put 0</i>				
			ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	DAP KG	BIR R KG	Urea BIRR	Organic KG	BIR R KG	Solid BIR R KG		Liquid LT	Tablet BI R R NR
PLOT CODE	N. OF TIMES	N. OF TIMES													SOURCE CODE		

1. Plot number <i>Please list again plots where farmers are growing wheat as from table 1.1.C and 1.9</i>	D. HARVEST AND THRESHING										5. How many days of animal labor were used for threshing? <i>If none put 0</i>			
	2. In what month did you harvest this plot? <i>If harvested more than once, enter codes in correspondent row separated by comma.</i> <i>If crop failed or not yet harvested → next plot listed or to Table 1.6 is no other plots listed</i>			3. How much adult male, adult female and child labor in total was paid (in birr or in kind) for harvesting and threshing? <i>If none then put 0</i>			4. How much adult male, adult female and child family or exchange (unpaid) labor in total was used for harvesting and threshing? <i>If none then put 0</i>							
	O=CROP FAILED→NEXT PLOT 1=JANUARY 2002 2=FEBRUARY 2002..... CODE	12=DECEMBER 2002 13=JANUARY 2003 15= NOT YET HARVESTED→NEXT PLOT	ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	ADULT MALE N. OF DAYS	ADULT FEMALE N. OF DAYS	CHILD (<14) N. OF DAYS	NUMBER OF DAYS					
PLOT CODE														

TABLE 1.13 TOTAL WHEAT PRODUCTION: OUTPUT*Tell us about how much wheat was harvested and what you did with the output.*

1. Plot number <i>Please list again plots where farmers are growing wheat. 1.1.C and 1.9</i>	2.What is the total quantity of wheat harvested on this plot? <i>Put 0 if crop failed. Ask an estimation if not yet harvested</i> <i>if 0 or estimate → next plot or if none go to table 114</i> <u>999=does not know</u>	<i>Please tell us all the uses of this output.</i>							<i>If sold...</i>			13. Which is the main use you made out of straw/fodder? <i>See code sheet</i>	14. <u>CHECK THAT COLUMNS</u> <u>2=3+4+5+6+7+8+9</u>
									3. How much output was used or set aside for home consumption? <i>If none, put 0</i> <u>999=does not know</u>	4. How much output was used or stored for planting next planting season? <i>If none, put 0</i> <u>999=does not know</u>	5. How much output was used or set aside for livestock feed? <i>If none, put 0</i> <u>999=does not know</u>		
PLOT CODE	KG	KG	KG	KG	KG	KG	BIRR	CODE	RECIPIENT CODE	CODE	CHECK (X)		

TABLE 1.14 TOTAL WHEAT PRODUCTION: STRESSES

A. STRESSES					B. CRISES	
1. Plot <i>Please list again plots where farmers are growing wheat 1.1.C and 1.9</i>	2.What is the main stress your wheat production has been subject to during this year 2002 in this plot? <i>See code sheet</i>	3.Did you lose any of the harvest due to those stresses?	4.What percent of the harvest was lost?	5.How many times has this affected you since the downfall of the last regime	1. Did you eat any seeds you had decided to set aside for next planting season?	2. Where are you going to get seeds for next planting season? <i>See code sheet</i>
PLOT CODE		0=NO→5 1=YES→4	<i>999=does not know</i>	N. OF TIMES	0=NO→TABLE 1.15 1=YES→2	
		STRESS	CODE		CODE	SOURCE CODE

TABLE 1.15 WHEAT POST HARVEST STORAGE

1.Did you store your wheat harvest for 2002 separately by varieties? 0=NO 1=YES	2. Did you store seed separately from grain? 0=NO 1=YES	3. Who is responsible for storage? 1=HUSBAND 2=WIFE 3=SON 4=DAUGHTER 5=OTHER RELATIVE 6=ALL FAMILY <i>Give up to three options</i>	4. Did you face storage losses this year? 0=NO →7 1=YES→5	5. How much seed and grain was lost during storage? 1=SOME 2=MOST 3=ALL	6. What are the causes of storage losses? 1=INSECTS 2=WORMS 3=RODENTS 4=MOISTURE 5=DISEASE 6=OTHER <i>Give up to a maximum of three options</i>	7. Do you apply any treatment to avoid loses? 0=NO → <i>next page</i> 1=YES →8	8. What kind of treatment? 1=PESTICIDES 2=BARRIERS 3=AROMATIC PLANTS 4=BIOLOGICAL CONTROL 5=OTHER	9. What is the cost of treatment? <i>999=does not know</i>
CODE	CODE	CODE	CODE	CODE	CODE 1 ST 2 ND 3 RD	CODE	CODE	BIRR

SECTION 2. VULNERABILITY AND COPING**TABLE 2.1: VULNERABILITY SINCE THE DOWNFALL OF THE LAST REGIME.***Since the downfall of the last regime, has your household suffered any of the following crises?*

1. Has your family suffered a substantial loss of harvest through any of the following since the downfall of the last regime? <i>By substantial loss is meant at least 1/3 of the harvest</i>		2. How many times has this crises affected your family in this time?	3. Has your household suffered a substantial loss of livestock though any of the following since the downfall of the last regime? <i>By substantial loss is meant at least 1/3 of the livestock</i>	4. How many times has this crises affected your family in this time?	5. Has your household suffered any loss of land and/or household assets since the downfall of the last regime?	6. Since the downfall of the last regime, how many adult men, women and children (<14)		
0=NO→NEXT ITEM 1=YES→2 CODE	N. OF TIMES	O→NEXT ITEM 1=YES→4 CODE	N. OF TIMES	0=NO 1=YES CODE	N. OF TIMES	N. OF ADULT MALE	N. OF ADULT FEMALE	N. OF CHILDREN (<14)
A. DROUGHT		A. LIVESTOCK DISEASE		A. PEASANT ASSOCIATION REALLOCATION	A. DIED FROM CHRONIC ILLNESS			
B. TOO MUCH RAIN AND FLOOD		B. THEFT		B. LOST A DISPUTE	B. DIED FROM STARVATION			
C. PEST AND DISEASES		C. DEATH DUE TO DROUGHT		C. TRANSFERS AMONG FAMILY MEMBERS AND RELATIVES	C. DIED FROM OTHER CAUSES			
D. HARVEST LOSSES IN STORAGE		D. DISTRESS SALES DUE TO DROUGHT			D. LEFT THE HOUSE HOLD DUE TO DIVORCE			
E. FROST AND HAILSTORM		E. OTHER (SPECIFY)		C. CONSCRIPTED FOR MILITARY SERVICE				
F. OTHER (SPECIFY)								

TABLE 2.2: CURRENT VULNERABILITY

1. How many adult men are currently suffering from chronic illness?	2. How many adult women are currently suffering from chronic illness?	3. How many children are currently suffering from chronic illness?	4. In the last month, has anyone in the family not eaten for lack of food, for two complete days in a row? 0=NO 1=YES CODE
N. OF ADULT MEN	N. OF ADULT WOMEN	N. OF CHILDREN (<14)	

TABLE 2.3: COPING STRATEGIES (if the hh answered yes to having lost part of the harvest to drought)

1. What kind of strategies are you using to deal with this drought?

See code sheet.

Give up to three answers.

COPING STRATEGY		
1 ST	2 ND	3 RD

TABLE 2.4: RAINFALL PATTERN DURING THE YEAR 2002

1. Was there enough rain on your fields during the growing season for Belg and for Meher?

0=NO RAIN
1=TOO LITTLE
2=ENOUGH
3=TOO MUCH

CODE

2. Did the rain stop on time on your fields for Belg and for Meher?

1=TOO EARLY
2=ON TIME
3=TOO LATE

CODE

3. Did it rain near harvest time at Belg and at Meher?

0=NO
1=YES

CODE

4. How do you judge this year (all year) production conditions as regard to the rain?

1=VERY BAD
4=GOOD
2=BAD
5=VERY GOOD
3=MEDIUM

CODE

TABLE 2.5 LIVESTOCK/ANIMALS

ANIMAL CODE	LIVESTOCK/ ANIMALS	1. How many of these livestock /animals do you own at present?
		NUMBER
1	Beef cattle	
2	Dairy cattle	
3	Calf	
4	Heifer	
5	Oxen	
7	Donkey	
11	Goats	
12	Sheep	
13	Chicken	

SECTION 3: HOUSEHOLD CHARACTERISTICS**TABLE 3.1: HOUSEHOLD DEMOGRAPHICS**

Last time we met we also talked about your family and its composition. Could you please confirm that the following are members of your family?

Survey Nr	1. HH member code	2. relationship to the head of the household 0=SELF 1=SPOUSE 2=SON 3=DAUGHTER 4=FATHER/MOTHER 5=GRANDFATHER/GRANDMOTHER 6=GRAND SON/DAUGHTER 7=SON-/DAUGHTER-IN-LAW 8=NEPHEW/NIECE 9=AUNT/UNCLE 10=OTHER RELATIVE 11=NON-RELATIVE	3. FIRST NAME	4. SECOND NAME	5. SEX 0=MALE 1=FEMALE	6. AGE (COMPLETE D YEARS)	7. How many years of formal schooling have been completed by this new household member? <i>Be sure that the member has completed that level of schooling</i> <i>If no schooling completed put zero</i>	8. Can you please confirm the following are still members of your family? 0=IF THE MEMBER IS NOT PART OF THE FAMILY→9 1=IF THE MEMBER IS PART OF THE FAMILY→ <u>TABLE 3.2</u>	9. Why is this member not part of the family? 1 = DEATH→ <u>next hh member</u> 2 = MIGRATED 3 = GOT MARRIED 4= DIVORCED 5= OTHER	10. How much did this Hh member send in remittances since leaving the house? <i>Put 0 if none.</i> <i>Use 9999=does not know</i>

TABLE 3.2: CHANGES IN THE HOUSEHOLD**1. Is there any new member in the household besides the ones mentioned in the previous table?**

0=NO (→ TABLE 3.3)
1=YES (→ 2)

HH MEMBER CODE	2. Can you please tell me the names of the new members of the household?		3. Why is this member new in the household?	4. What is the relationship between the household head and each new member of the household?	5. What is the sex of the new household member?	6. What is the age of the new household member?	7. How many years of formal schooling have been completed by this new household member?
	FIRST NAME	SECOND NAME	CODE	CODE	CODE	YEARS	NUMBER OF YEARS
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							

TABLE 3.3: MEMBERS WHO LEFT THE HOUSE FOR GOOD

We are here referring to HH members who left the house before our previous visit which was September 2002.

1. Can you please list the children (still alive) who do not live any longer at home? <u>If none place a line through column 1.</u>	2. Sex 0= MALE 1= FEMALE	3. Age	4. When did they leave?	5. Where do they currently live? 1=OTHER RURAL AREA 2=DIRE DAWA 3=HARAR 4=ADDIS ABBABA 5=ABROAD 6= OTHER	6. How much did they send in remittances in 2002? <i>Put 0 if none. Use 9999=does not know</i>
HH MEMBER CODE	CODE	YEARS COMPLETED	YEAR	CODE	BIRR

TABLE 3.5: OFF-FARM WAGE/SALARY INCOME to be referred to any member of the family older than 7:

1. Did anyone in your household (including the household head) earn wages from labor activities either cash or in kind including food for work program and including those that left the house temporarily?

0=NO (→ TABLE 3.6)
1=YES (→ 2)

2. <u>List the code numbers (see table 3.1 and 3.2) of those who worked off-farm below, if individuals worked at more than one job enter each job and code number on a separate line.</u> CODE	3. Within what sectors did this household member earn their income? 0=AGRICULTURE 1=NON AGRICULTURE CODE	4. What form of employment did the labor take? 1=DAY LABORER 2=SEASONAL 3=CASUAL PART-TIME 4=PERMANENT PART-TIME 5=PERMANENT FULL TIME 6=OTHER CODE	5. Approximately how much time did the person work in this activity since the beginning of 2002? <i>Round to the closest week</i> N. OF WEEKS	6. Was the person paid in kind or in cash for this work? 1= CASH 2=IN KIND CODE	7. How much did he/she earn from this off-farm income in total since the beginning of 2002? <i>Express the value in Birr. If paid in kind calculate correspondent value in cash</i> 99999=does not know BIRR

TABLE 3.4 HH MEMBERS WHO LEFT THE HOUSE TEMPORARILY

1.Did any member of the household leave to work outside of the community during 2002 for a continuous period of one month?	2. Which member of the household? <i>List the code from Table 3.1 and 3.2 of all members that left the house for a continuous period of at least one month</i>	3. For how many weeks of last year did that household member migrate?	4. To where did the household member go? 1=OTHER RURAL AREA 2=DIRE DAWA 3=HARARE 4=ADDIS ABBABA 5=ABROAD 6= OTHER	5. In what activity was the migrant employed while outside? <i>See code sheet</i>
0=NO (→TABLE 3.5) 1=YES (→2)	CODE	CODE	NO. OF WEEKS	CODE

TABLE 3.6. NON-AGRICULTURAL SELF-EMPLOYMENT.*We refer to any kind of small business operated by household members.*

1. Is anybody in the family involved in any of the following microenterprise or other non-agricultural self-employment activities? <i>Please list each of the following small business to the farmer until the end of the list.</i>		2. Who in the house was involved? <i>List the HH member code (see Table 3.1 and 3.2) for the corresponding activity.</i>			3. How many days per month has the household member (s) worked in this activity since January 2002? <i>Refer to the total amount of family time spent in this activity</i>		4. What is the approximate amount of revenue from this activity since the beginning of 2002? <i>99999=does not know</i>		TOTAL EXPENSES IN THIS ACTIVITY				9. <i>Calculate the net income subtracting from 4 (6 and 8) in other words (4-6-8) and confirm it with the respondent.</i>
0=NO→NEXT ACTIVITY 1=YES→3 CODE		1 ST MEM BER'S CODE	2 ND MEMBE R'S CODE	3 RD MEM BER'S CODE	TOTAL N. OF DAYS		BIRR	CODE	BIRR	CODE	BIRR	BIRR	
1	SELL OWN PRODUCTS (FOOD PREPARATION, BREWING, HANDCRAFTS, WEAVING, ETC BUT EXCLUDING AG. PRODUCTS)												
2	TRADE (BUYING OR SELLING OF ANY GOOD)												
3	CONSTRUCTION												
4	TRANSPORT												
5	SELL CHARCOAL OR FIRE WOOD PRODUCTS												
6	OTHER (SPECIFY)												

TABLE 3.7: OTHER INCOME SOURCES

Code	<i>Please list each of the following sources to the farmer.</i>	1. Did any member of the household receive income or in kind gifts from any of the following sources since January 2002? <i>0=NO (→ NEXT SOURCE) 1=YES (→ 2)</i>	2. How much total income was received since January 2002 from this source? <i>Estimate the value in Birr if in kind gift 999= does not know</i>
1	GOVERNMENT/ MILITARY PENSION OTHER GOV.NT INCOME	CODE	BIRR
2	RENT OF ANIMAL OR OTHER CAPITAL		
3	SUPPORT FROM HCS		
4	SUPPORT FROM OTHER NGOS (EXCLUDING FOOD FOR WORK)		
5	FOOD FOR WORK		
6	RELATIVE, FRIENDS OR NEIGHBORS		
7	OTHER SOURCE (_____)		

SECTION 4: FINANCE
TABLE 4.1 LOANS

C O D E	1. Did anyone in the house ask for credit from any of the following sources during year 2002? <u>Please read each of the following sources</u> 0=NO → <u>NEXT SOURCE UNTIL THE END OF THE LIST. IF ALL 0 GO TO TABLE 4.2</u> 1=YES → 2 CODE	2. Was the request accepted? 1=YES → 4 0=NO → 3 <u>Go to next credit source until the end of the list</u> CODE	3. Why was your request refused? 1=HAVE DEBTS 2=DO NOT HAVE GUARANTEES 3=NOT POOR ENOUGH (TOO BETTER OFF) 4=OTHER <u>Go to table 4.2 question n. 2</u> CODE	4. What was the main use of the loan? <u>See code sheet</u>	5. When did you get the loan? 1=JAN 02 2=FEB 02 3=MARCH 12=DEC 13=JAN 03 14=FEB 03 MONTH	6. What was the length of the loan in months (repayment)? <u>Indicate length in months if there is a fixed date.</u> 98=END OF HARVEST 99=NO FIXED DATE NO. OF MONTHS	7. Was it in kind or in cash? 1=CASH 2=SEED 3=FERTILISERS PESTICIDES 4=OTHER IN KIND CODE	8. How much was the loan? IN KIND 9999= <u>does not know</u> KG	9. How much did you have to pay back (including interest)? IN KIND 9999= <u>does not know</u> KG	10. At this time, could you get more credit under the same terms and conditions of this loan? 0=NO → TABLE 4.3 1=YES → TABLE 4.3 CODE
1	FORMAL BANK									
2	GOVERNMENT									
3	HCS									
4	OTHER NGO									
5	LOCAL LENDER									
6	FAMILY/ FRIEND									
7	OTHER (SPECIFY)									
8										
9										

TABLE 4.2 ACCESS TO CREDIT

1. What is the reason why you did not ask for a credit last year (2002)? 1=DIDN'T NEED IT (→ TABLE 4.3) 2=INTEREST RATE TOO HIGH 3=THIS SOURCE IS NOT AVAILABLE 4=NO GUARANTEES FOR LOAN 5=TOO RISKY 6=DON'T KNOW HOW 7=I HAVE DEBTS 8= TOO MANY REQUIREMENTS AND/OR COSTS 9=OTHER (<u>specify</u>) CODE	2. How would you use the money, if you could get the credit? <u>Give up to three uses</u> 1=SEED 2=FARM EQUIPMENT 3=ANIMALS 4=BUSINESS 5=HOME IMPROVEMENT 6=CONSUMPTION 7=HOUSEHOLD ITEMS FIRST USE SECOND USE THIRD USE			
		8=FERTILIZER, PESTICIDE, OTHER INPUTS 9=LAND 10=INFRASTRUCTURE (EG TERRACE) 11=CLOTHES 12=WEDDING/FESTIVAL 13=OTHER (SPECIFY)		

TABLE 4.3 EARLIER CREDITS

1. Did you receive any credit in 2001? 0=NO (→ 3) 1=YES (→ 2) CODE	2. Which was the credit source? 1=FORMAL BANK 2=GOVERNMENT 3=HCS 4=OTHER NGO 5=LOCAL LENDER 6=FAMILY/ FRIEND 7=OTHER (SPECIFY) CODE	3. Did you receive any credit in 2000? 0=NO (→ DONE) 1=yes (→ 4) CODE	4. Which was the credit source? 1=FORMAL BANK 2=GOVERNMENT 3=HCS 4=OTHER NGO 5=LOCAL LENDER 6=FAMILY/ FRIEND 7=OTHER (SPECIFY) CODE

END OF VISIT 2: Thank the farmer!

Checklist: Put an X in each cell and sign below

Item to check	Enumerator	Team leader
Did you write the date, time the interview began and the time completed on the cover page using the Gregorian calendar and Western time?		
Did you interview the same person that was interviewed last time for this household? If no: did you place a line through his/her name and write the name of the new person interviewed and the corresponding household code which you took from table 3.1? And did you put a note on the cover page explaining why you couldn't get the same person?		
Did you make your ticks in the appropriate white parts of tables 1.1.A, 1.1.B, 1.1.C and 3.1 checking that the information gathered from the previous visit was correct? And did you make your corrections if it was not correct?		
Did you completely fill Tables 2.1, 2.2, 2.4, 2.5, 3.1 and 4.3 putting zeroes when appropriate?		
Did you make sure that table 1.3 and 1.4 refers ONLY to ADDITIONAL sorghum planted since our first visit whilst tables 1.5, 1.6, 1.7 and 1.8 refer to ALL SORGHUM planted since January 2002 as reported in table 1.1.C from previous visit?		
Did you make sure that table 1.9, and 1.10 refers ONLY to ADDITIONAL wheat planted since our first visit whilst tables 1.11, 1.12, 1.13 and 1.14 refer to ALL WHEAT planted since January 2002 as reported in table 1.1.C from previous visit??		
Did you check the last columns of Table 1.3 and table 1.9 to confirm that the total KGs of seed added up?		
Did you check that the last columns of table 1.6 and 1.12 to confirm that the total KG of output added up?		
Did you convert local measures of weight into KGs using conversion factors provided in the code sheet, particularly in Tables 1.3, 1.5, 1.6, 1.9, 1.11, 1.12 and 4.1?		
Did you complete Tables 1.2, 3.2, and 3.5, only if the answer to question 1 was YES? Did you leave these tables blank if the answer to question 1 was NO?		
If in column 2 of tables 1.5, (A. B and D), 1.6, 1.11 (A., B. and D), 1.12, 3.6, 3.7 and 4.1 there is a zero is the remaining part of the row blank? If otherwise there is a number different than 0 did you complete the remaining part of the table?		
If in table 3.7 it is marked that the HH received food for work, was the in kind wage income reported in table 3.5?		

Signature verifying the accuracy of the survey

Enumerator

Team leader

Household survey number _____

FAO-Netherlands Partnership Programme Household Survey, VISIT 2: February 2003, CODE SHEET

Irrigation code	Sorghum variety codes			Wheat variety codes	Months
1=SPRING	01=ABDELOTA 'ALAA'	20=MEKO (IMPROVED)	38=WORABI	1=BOOHAI	0=BEFORE JANUARY 2002
2=LAKE	02=AHMED ISEE	21=MESENGO	39=YEMENI	2=COCORIT-71	1=JANUARY (TIR)
3=RESERVOIR	03=ALISO	22=MUYERA	40=76 T1#23 (MV)	3=DERESELIGN	2=FEBRUARY (YEKATIT)
4=DAM	04=AMAJIGTA	23=MUYERA ALISO	41=OTHER (SPECIFY)	4=ENKOY	3=MARCH (MEGABIT)
5=RIVER	05=CHALEE	24=MUYERA CHEKORE	41=GEBABE	5=FETAN	4=APRIL (MIAZIA)
6=RAINFED	06=CHEKORE	25=MUYERA RED	43=SHARIDAE	6=GERARDO	5=MAY (GINBOT)
7=OTHER (SPECIFY)	07=DASLEE	26=MUYRA DINI	46=HAMDEA	7=HAR 604 (GALAMA)	6=JUNE (SENIE)
	08=DIMA	27=QILLEE	47=CHAFARAE	8=HAR 710 (WABE)	7=JULY (HAMLE)
	09=DINI	28=QIRIMINDAHI	48=WEGERE	9=HAR 1407 (TUSIE)	8=AUGUST (NELASIE)
	10=FENDISHA	29=QIRIMINDAHI 'BLUE'	50=MUYRA WHITE	10=HAR 1522	9=SEPTEMBER (MESKEREM)
	11=FESHE	30=QIRIMINDAHI	53=ITIBELE	11=HAR 1595	10=OCTOBER (TIKMET)
	12=FILATTA	'ORANGE'	54=BELE	12=HAR 1685 (KUBSA)	11=NOVEMBER (HIDAR)
	13=GAMBELLA (MV)	31=QIRIMINDAHI 'RED'	55=BAMILIQ	13=HAR 1668 (SHINNA)	12=DECEMBER (TAHISAS)
	14=GELDI	32=SARUDE (MV)	56=BISHINGA DIMA	14=MAMBA	13=JANUARY (TIR) 2003
	15=IS 9302 (MV)	33=SARUDE ADII (MV)	57=ZENGADA	15=PAVON 76	
	16=JAMMAL ABDALLA	34=SARUDE DIIMA (MV)	58=HARKA BASE		
	17=MASUGI ADII	35=TEJO	60=CHERCERO		
	18=MASUGI DAALECH	36=WACHEELA	61=OTHER(SPECIFY)		
	19=MASUGI DIIMA	37=WAHELU			
Stress	Source code	Activity		Loan	Coping strategy
0=NONE	1=RETAINED/FAMILY HERITAGE	1 = AGRICULTURE		1=SEED	1=RECEIVE FOOD FROM FAMILY
1=FROST	2=RELATIVE	2= TRANSPORT		2=FARM EQUIPMENT	2= RECEIVE FOOD FROM NEIGHBOURS IN THE VILLAGE
2=WIND	3=FRIEND/NEIGHBOR SAME VILLAGE	3= CONSTRUCTION		3=ANIMALS	3= RECEIVE FOOD FROM FRIENDS FROM OTHER VILLAGES
3=DROUGHT	4=FRIEND/AQUAINTANCE OTHER VILLAGE	4= TRADE		4=BUSINESS	4= RECEIVE SEED AID FROM HCS
4=HAIL	5=REGULAR SUPPLIER	5= GOVERNMENT		5=HOME IMPROVEMENT	5= RECEIVE SEED OR FOOD AID FROM THE GOVERNMENT
5=INSECT	6=VILLAGE MARKET	6= MILITARY		6=HOUSEHOLD ITEMS	6= REDUCE NUMBER OF MEALS EATEN
6=DISEASE (SPECIFY)	7=OTHER MARKET	7= EDUCATION		7=FERTILIZER, PESTICIDE, INPUTS	7= BARTERING WITH OTHER MEMBER OF THE VILLAGE
7=WEED	8=GOVERNMENT EXTENSION PACKAGE	8= OTHER		8=LAND	8= BARTERING WITH MEMBERS OF OTHER VILLAGES
8= OTHER	9=GOVERNMENT SUPPORT			9=INFRASTRUCTURE	9= COLLECT WILD FRUITS AND NUTS
	10=LANDOWNER (IF RENTED LAND)			10=CONSUMPTION	10= HUNTING
	11=HCS			11=CLOTHES/PERSONAL	11= SELL SOME BELONGINGS
	12=LWF			12=WEDDING/FESTIVAL	12= USES OWN SAVING
	13=CARE			13=OTHER (SPECIFY)	13= WORKS IN OTHER PEOPLE'S FARM
	14=CISP				14= MOVE TEMPORARILY IN SERCH FOR WORK OR BETTER LAND
	15=OTHER NGOS;				15=SELL AG. ASSETS OR LAND
	16=OTHER (SPECIFY)				16=FIREWOOD COLLECTION, SELLING
		Conversion factors			17=REPLANTING
		1 HECTARE=8 TIMADS			18=INTERCROPPING
		1 SMALL KUNNA=5 KG			19= OTHER (SPECIFY)
		1 LARGE KUNNA (SEFI)=25 KG			
		1 TANICA=20 KG			