



**LAND O' LAKES
MOZAMBIQUE Food for Progress Program/GAAP**

HOUSEHOLD QUESTIONNAIRE

April 2012

PURPOSE OF THIS INTERVIEW: *[Enumerator will read this out loud]:*

My name is and I work for Land O'Lakes & Tillers International. You or someone in your household participated in a previous survey. The purpose of this interview is to obtain information about dairy and crop performance and about household wellbeing. This information will help us evaluate the effects of the past project and plan for future programming. The information that you share will be treated as confidential. The information will be used to prepare reports, but will not include any specific names. There will be no way to identify that you gave this information. Can you please spare some time (about 60 minutes) to participate?

[Enumerator: DO NOT suggest in any way that the household will receive any assistance after the interview].

ASSIGNMENT RECORD:

E-Code	Name of Enumerator	Signature	Date Interview Completed

S-Code	Supervisor's Name	Signature	Date Checked

SECTION 1.0: HOUSEHOLD IDENTIFICATION AND DEMOGRAPHICS

A. LOCATION

1.1 Province _____

1.2. District.....

1=Manica 2=Gondola 3=Chimoio 4=Sussundenga 5=Barue

1.3. Administrative Post (name) _____

1.4. Locality/Village _____

1.5. Household Number.....

B. HOUSEHOLD ROSTER, INCLUDING THE RESPONDENT

1.6. Name of Respondent _____

1.7 How many people are members of this household?

1.8 How many are:

1.8.1 Children under 12 years (born after 2000)		1.8.2 Adult members (12 complete years and above)	
1.8.1.1. Males	1.8.1.2. Females	1.8.2.1. Males	1.8.2.2. Females
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

1.9 Please provide me details of all Household members with **12 years old and above**.

Order	B(1) Names of HH Members <i>Please name all those who live in this household, including those who are not here temporarily. Let us begin with the household head.</i>	B(2) Relation with Head of Household <i>How is <u>(NAME OF HH MEMBER)</u> related to the HHH?</i> USE ID CODES BELOW	B(3) Sex <i>Male - 1 Female - 0</i>	B(4) Age in Years <i>How old is <u>(NAME OF HH MEMBER)</u> now?</i>	B(5) Education <i>What was the highest grade that was completed by <u>(NAME OF HH MEMBER)</u>?</i>	B(6) Primary occupation <i>What is the primary occupation of the HH member?</i>
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

B(2) Relationship w/ HHH		B8 Primary occupation
HH 1	FATHER-IN-LAW 13	1=agriculture (own farm)
SPOUSE 2	MOTHER-IN-LAW 14	2=agriculture (day labor)
UNMARRIED SON 3	STEP-SON15	3= off farm, informal (eg trading)
UNMARRIED DAUGHTER 4	STEP-DAUGHTER 16	4. Off farm formal
MARRIED SON 5	NEPHEW 17	5. household
MARRIED DAUGHTER 6	NIECE 18	6. Student/School
SON-IN-LAW 7	BROTHER 19	7. retired
DAUGHTER-IN LAW 8	SISTER20	8. Other
GRANDSON 9	BROTHER-IN-LAW 21	
GRAND DAUGHTER 10	SISTER-IN-LAW 22	
FATHER 11	DISTANT RELATIVE 23	
MOTHER12	NON-RELATIVE 24	
	HOUSEHELP25	

1.10 What is the household total monthly income from all sources (in MZM)?.....

1.10.1 Income from Agricultural sources	1.10.2 Income from non-agricultural sources
<input type="text"/>	<input type="text"/>

1.11 Are you a member of an Association, Cooperative, or other community organization?
1=Yes 2=No

1.12 What is the type of association, cooperative, or organization? (Select ALL that apply)-----
1. Dairy 2. Agriculture/Crop 3. Self-Help

1.13 What is the name of the association? _____

1.14 What type of house does the HH live in?
1=Grass thatched 2=Mud house 3=Iron roofed 4=Permanent

1.15 Household Land:

Parcel	Parcel Description / Name	Was the parcel acquired in the last 4 years (since 2008) 1=Yes, 2=No	Size of this parcel (in Ha)	Tenure system (Code)	If parcel is owned , who owns (Code)	Land Utilization Purpose
1						
2						
3						
4						

5						
6						
				TENURE SYSTEM	If owned, name on title/certificate:	
				1= Title deed 2= Owned but not titled 3= public land 4= Rented-in/ sharecropped 5=Other (specify)	1= Male 2= Female 3= Joint 4=Other relative (specify if Male or Female)	1 = Crop production for human consumption 2 = Pasture and fodder crops for livestock 3 = Fallow land 4 = Grazing for animals 5 = Other

1.16 Household Livestock:

Livestock Species		Number owned by the household (total)	Number owned by male	Number owned by female	Number owned jointly	Number acquired in last 4 years	Acquired by whom? (ID codes)	Number sold/lost/given away in last 4 years	By whom? (ID Codes)
Cattle	Local								
	Crossbreed								
	Pure breed/exotic								
Donkeys/Horses									
Other, specify									

1.17 Assets owned by the Household:

[illegible]

SECTION 2.0: LABOUR ACTIVITIES

2.1 Please tell me about the labor activities of members of your household during the last 12 months:

Species* & Type of Activity	Household							
	Adult Males		Adult Females		Children Male (< 12 yrs)		Children Female (< 12 yrs)	
	No. people	Hrs / person/day	No. people	Hrs / person/day	No. people	Hrs / person/day	No. people	Hrs / person/day
CATTLE (incl. DAIRY)								
Grazing								
Feeding (+ forage collecting, feed								
Watering								
Cleaning of animal shed/shelter								
Collection of Farm Yard Manure (FYM)								
Milking								
Milk processing								
Selling animals / animal products (incl.								
Selling Farm Yard Manure								
Disease control / Caring for sick animals								
Calf Rearing								
Veterinary Services								
Transportation								
Milk Marketing								
CROPS +								
Land preparation								
Planting								
Weeding								
Pest / disease control								
Harvesting								

Selling crop								
Other								

2.2 If you hired any labour, tell me more about this labour you hired during the last 12 months (non-household members).

Species* & Type of Activity	Non-Household							
	Hired Males		Seasonal vs Permanent Workers	Hired Females		Seasonal vs Permanent Workers	How much did you pay in total?	
	No. people	Hrs / person	1=Seasonal, 2=Permanent	No. people	Hrs / person	1=Seasonal, 2=Permanent	Cash (MZM)	In-Kind
CATTLE (incl. DAIRY)								
Grazing								
Feeding (+ forage collecting, feed preparation)								
Watering								
Cleaning of animal shed/shelter								
Collection of Farm Yard Manure (FYM)								
Milking								
Milk processing								
Selling animals / animal products (incl. milk)								
Selling Farm Yard Manure								
Disease control / Caring for sick animals								
Calf Rearing								
Veterinary Services								
Transportation								
Milk Marketing								
CROPS +								
Land preparation								
Planting								
Weeding								
Pest / disease control								
Harvesting								

Selling crop								
Other (specify)								

SECTION 3.0: LIVESTOCK/DAIRY, FOODER/PASTURE PRODUCTION

3.1 Before 2009, did your household produce milk? ☐
1=Yes 2=No

3.2 Please tell me more about the **COWS** your household is currently raising and their milk production during the Dry season (May 2011 – Oct 2011) and Rainy season (Nov 2011 – Apr 2012).

3.2.1. Dairy animal Type	3.2.2 Total number of cows	3.2.3. Number of lactating cows during dry season	3.2.4. Average liters per day during dry season	3.2.5. Number of lactating cows during wet season	3.2.6 Average liters per day during wet season
3.2.1	3.2.2	3.2.3.	3.2.4.	3.2.5.	3.2.6.
1) Traditional Breed					
2) Cross Breed					
3) Jersey					

3.3. How many days in a month did you normally produce milk during the Dry season (May 2011 – Oct 2011) and Wet season (Nov 2011 – Apr 2012).

3.3.1. Period	3.3.2. Average Number of days of milking per month
1) Dry season (May-Oct)	
2) Wet season (Nov-Apr)	

3.4. How much money did you spend in caring for all your cows during the Dry season (May 2011 – Oct 2011) and Wet season (Nov 2011 – Apr 2012).

3.4. Period	3.4. Amount of money spent on cattle (MZM)
1) Dry season (Jun-Nov)	
2) Rainy season (Dec-Mar)	

3.5. How much milk did your household produce during the last 7 days?

3.5.1. Day	3.5.2. Total number of cows milked	3.5.3. Litres produced (morning/evening)	3.5.4. Total Liters sold to MCC	3.5.5. Total Litres sold within village/locality	3.5.6 Liters kept for household consumption
1)					
2)					
3)					
4)					
5)					
6)					
7)					

3.6. Who in the household consumes milk?.....

1= adults 2=children 3=both 4=Milk not consumed in household

3.7 How do the children consume the milk in the household?
0=Never consume 1=As a beverage 2=Other part of a meal (eg. in porridge)
3=Both 99=Other (Specify)_____

3.8. In the last month, how many litres did the household deliver to the MCC and how much money was received for the delivered milk at the last monthly payment from the MCC?

3.8.1. Last month of delivery	3.8.2. Liters sold	3.8.3. Amount (MZM)
Month Name		

3.9. How much money did you make in the last month from the sale of the milk produced by the household excluding from the MCC?

3.9.1. Use of milk	3.9.2. Litres disposed	3.9.3. Amount (MZM)
1) Sales within village/locality		
2) Barter		

3.10 What were your dairy farm costs in the last month (**Fill in the table below**)?

Inputs	Cost (MZM)
Feed & Concentrates	
Vet drugs	
Technical assistance	
Labour (permanent, part-time, etc)	
Other (specify)	

3.11 What are the 3 most important things you use your **dairy income** on?

3.12.1 =

3.12.2 =

3.12.3 =

CODES:

1=Purchase of staple food

2=Purchase of non staple foods

3=Purchase of household goods (e.g. radios, TVs, e.t.c.)

4=Education/school fees

5=Marriage

6=Savings/Banking

7=Purchase of clothing

8=Travel

9=Agricultural Inputs (seeds, implements, etc)

10=Medicines for animals

11=Groceries (e.g. soap, colget, sugar, e.t.c)

99=Other (specify) _____

3.12 Who decides how to use the proceeds from the milk sales?

1= Male

2= Female

3= Sons

4= Both male and female

3.13 Who controls proceeds from locals' sales and sales to MCC?

3.13.1 Local sales	3.13.2. MCC sales
Indicate the HH member (s) ID(s)	Indicate the HH member (s) ID(s)

3.14 Is there any difference on decision making about the morning milk and evening milk?

1= Yes

0= No

3.15.1 If so (1=Yes), who decides for:

3.15.1.1 Morning Milk	3.15.1.2. Evening Milk
(Indicate the ID of HH member)	(Indicate the ID of HH member)

3.16 Who in the household has received training on dairy activities?

3.16.1 Primary (ID of HH member)

3.16.2 Secondary (ID of HH member)

SECTION 4.0: EXTENSION SERVICES ON ANIMAL TRACTION AND CROP PRODUCTION

4.1. Have you received any training on the following?

Type of training	4.1.1 Have you or any members of your HH received any training on the following? <i>1=yes 2=No and hh ID of persons trained</i>	4.1.2 What was the institution that provided the training? <i>(Record code & name for other)</i>	4.1.3 When did you/he/she receive the last training? <i>(mm/yyyy)</i>	4.1.4 Are the knowledge and skills taught in training being applied on your farm? <i>1= Yes 2= No</i>	4.1.4.1 If 2=No, what are the main reasons? (Describe.)
Land preparation					

Planting methods and spacing					
Record keeping					
Crop management					
Crop marketing					
Pasture production					
Environmental management					
Soil fertility management					
Other specify					
Code for trainer:	<i>1=Government, 2=Land O'Lakes & Tillers International, 3 = Private Sector, 99=Other (specify)</i>				

4.2 Please fill in the table below which is capturing the information on total area planted, total production, quantity for sales, etc

Crop type	4.2.1	4.2.2	4.2.3		4.2.4		4.2.5		4.2.6	4.2.6	4.2.7
	Did you plant any of the following? 1=Yes 2=No	When did you start preparing the land? <i>See codes below</i>	What is the area (ha) cultivated?		What is the total production (Kg)? <i>See codes below</i>		What tools you use for land preparation? <i>See codes below</i>		Reasons for differences in production between the two seasons. <i>See codes</i>	How many months do you expect to have food from your current?	How much of your harvest (Kg) do you plan to pla to sell?
			Last season	This season	Last season	This season	Last season	This season			
Maize											
Millet											
Sorghum											
Cowpeas											
Groundnuts											
Soya											
Sesames											
Sunfloer											
Others											

Codes for 4.2.2: 1=January, 2=February, 3=March, 4=April, 5=May, 6=June, 7=July, 8=August, 9=September, 10=October, 11=November, 12=December

Codes for 4.2.4: 1=0-500kg, 2=501-1000Kg, 3=1001-1500Kg, 4=1501-2000Kg

Codes for 4.2.5: 1=Hand ploughing, 2=Ox-Ploughing, 3=Tractor, 99=Other (specify)

Codes for 4.2.6 1=Training, 2=Good/Bad rains, 3=Increased area, 4=Good cultural practices, 5=Application of fertilizers, 6=Hired labor, 7=Reduced hectare, 8=Timely acquisition of inputs, 9=Access to Animal Draft Power (ADP), 10=unaccessibility of ADP, 11=Quality of seed, 99=Others (specify)

4.3 Who in the household has received training on animal traction for crop production?

4.3.1 Primary (ID of HH member)

4.3.2 Secondary (ID of HH member)

4.4 Which of the following animal traction methods have been adopted by your household? (select ALL that apply)..

1=Training animals

2=Cultivating/Plowing/Weeding

99=Others (specify) _____

3=Design of Animal traction tools

4 = Nutrition of Draught power Animals

4.5 If used draft power for cultivation, in which crops was used for?

1=Cereals

2=Horticulture

3=Tobacco/Cotton

99=Other (specify) _____

4.6 How have the extension services and technical assistance been useful in improving your dairy/crop income? (Could you provide an example?)

4.7 Please tell us your level of satisfaction with the following:

	1 Not at all satisfied	2	3 Somewhat satisfied	4	5 Very satisfied	Not Applicable
Dairy inputs provided						
Training on dairy production						
Animal traction training						
Other (Specify)						

SECTION 5.0 – FOOD SECURITY

5.1. Groups of people differ in the number of times they eat in a day. In your case, how many meals does your HH have in a day, normally?

Now I would like to ask you about your household's FOOD supply during different months of the previous year. When responding to these questions, please think back over the last 12 months. (FOOD supply refers to food that may have been produced, purchased, gifted etc...)

No.	Questions and filters	Coding categories	Skip
5.2	In the past 12 months, were there months in which you did not have enough FOOD to meet your family's needs? 1=Yes 0=NO __	IF NO GO TO 5.4
5.3	If yes, which were the months (in the past 12 months) in which you did not have enough FOOD to meet your family's needs? (DO NOT READ THE LIST OF MONTHS. PLACE AN (X) IN THE BOX IF THE RESPONDENT IDENTIFIES THAT MONTH AS ONE IN WHICH THE HOUSEHOLD DID NOT HAVE ENOUGH FOOD TO MEET THEIR HOUSEHOLD NEEDS)		
A	March 2012	A __	
B	February 2012	B __	
C	January 2012	C __	
D	December 2011	D __	
E	November 2011	E __	
F	October 2011	F __	
G	September 2011	G __	
H	August 2011	H __	
I	July 2011	I __	
J	June 2011	J __	
K	May 2011	K __	

(Household Dietary Diversity Score - HDDS): Now I would like to ask you about the types of foods that you or anyone else in the household consumed yesterday? **NOTE:** Firstly establish that these days were **normal** or **usual** days and not **Special** days

FOOD CODE	FOOD TYPES	Did your household consume these food types Yesterday (1=Yes, 0=No)
5.4	Did your household consume any of the following foods (YESTERDAY) during the day or at night? ENUMERATOR: READ THE LIST OF FOODS ROW AFTER ROW. PLACE AN APPROPRIATE RESPONSE IN THE BOX IF HOUSEHOLD CONSUMED THE FOOD IN QUESTION	

FOOD CODE	FOOD TYPES	Did your household consume these food types Yesterday (1=Yes, 0=No)
A	Nshima or any other foods made from millet, sorghum or maize?	
B	Any rice, bread, other foods made from wheat?	
C	Any pumpkin, carrots, squash, or sweet potatoes that are yellow or orange inside?	
D	Any Irish potatoes, cassava or any foods from roots or tubers?	
E	Any dark, green, leafy vegetables such as cassava leaves, bean leaves, rape, spinach or sweet potato leaves?	
F	Any other vegetables?	
G	Any fruits?	
H	Any beef, pork, lamb, goat, rabbit wild game, chicken, duck, or other birds??	
I	Any eggs?	
J	Any fresh or dried fish?	
K	Any beans, peas, or lentils, groundnuts?	
L	Any sour milk yogurt, fresh milk or other milk products?	
M	Any oil, fat, or butter?	
N	Any sugar or honey?	
O	Any beverages such as coffee, tea?	

6. Is there anything else you would like to share with us?

End of the Interview! Thank the Respondent.