





Appendix IIIa: Smallholder Questionnaire

United Republic of Tanzania							
ACQI							
CONFIDENTIAL							
Small holder/Small Scale Farmer questionnaire							
Identification 							
Agricultural Sample Census 2007/2008							
							
							
Enumerator Name _____ Signature _____							
Date of Enumeration							
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">d</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">d</div> <div style="margin: 0 5px;">/</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">m</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">m</div> <div style="margin: 0 5px;">/</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">y</div> </div>	Start Time End Time						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Hour</th> <th style="width: 50%;">Minutes</th> </tr> </thead> <tbody> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </tbody> </table>		Hour	Minutes				
Hour	Minutes						
Field level checking by:							
District Supervisor	Name _____ Signature _____ Date ____/____/____						
Regional Supervisor	Name _____ Signature _____ Date ____/____/____						
National Supervisor	Name _____ Signature _____ Date ____/____/____						
District checking in Office							
District Supervisor	Name _____ Signature _____ Date ____/____/____						
For Use at Regional Level Only							
Data entered by:	Name _____ Signature _____ Date ____/____/____						
Queried	Name _____ Signature _____ Date ____/____/____						
<i>Ministry of Agriculture and Food Security, Ministry of Livestock and Fisheries Development, Ministry of Agriculture and Environment of Zanzibar, Ministry of Water and Irrigation, Prime Ministers' Office Regional Administration and Local Government, Ministry of Industry Trade and Marketing, National Bureau of Statistics, and the Office of the Government Statistician General of Revolution Government of Zanzibar</i>							

Definition and working page for page 1

General Definitions

Who is a Smallholder /Small Scale farmer?

Should have one or more of the following: in the 2007/08 farming season had one or more cultivated and planted farms. The farm land may either be owned, rented, borrowed. The farmer may also be raising 1 and 50 head of cattle, and/or between 5 and 100 head of sheep/Goats/Pigs, and/or between 50 and 1000

Household: A group of people who occupy the whole of part one or more housing units and makes joint provision for food and/or other household items. Usually such a group comprises a husband, wife, and their children. Other relatives may be members of the household if they happen to live and get food provisions from the same household. People who live together and eat from the same pot may be considered as members of the same household even if they stay in separate dwellings. An individual who lives and eat alone is considered as an independent household.

Household Head: A person who is acknowledged by all other members of the household either by virtue of his age or standing in the household as the head. He/she should be a permanent resident of the house and he/she is the main person responsible for decision making regarding use of household resources..

Agricultural Holding: This is an economic unit of agricultural production under single management. This unit may have been grown various crops. For the purpose of the survey, the agricultural holdings are restricted to those which meet one of the following conditions:

- Having or operated at least 25 sq meter of arable land
- Own or keep at least one head of cattle or five goats/sheep/five pigs or fifty chicken/ducks/turkeys during the agricultural year 2007/08 (from October 2007 to September 2008).

Question Specific Definitions:

Type of Agriculture holding Codes (Q2.1):

Crops only: A holding is referred to be a crop only holding if it has cultivated at least one piece of land. This also applies to all households owning or have kept livestock whose number does not qualify such households to be an agricultural holding (No cattle, less than 5 goats/sheep/pigs, less than 50 chickens/turkeys/rabbits).

Livestock only: A holding is referred to be a livestock only holding if it has exercised livestock husbandry only during the 2007/08 agricultural year.

NOTE

For agricultural holding only and pastoralist holding only; the number of livestock should be at least one head of cattle, not less than five goats/sheep/pigs, not less than 50 chickens /turkeys /rabbits. This also applies to households having or operated less than 25 sq meter of cultivated land (which does not qualify the household to be considered as agricultural holding) but has the number of livestock that makes the holding qualifies to be considered as livestock holding.

Pastoralist holding: This refers to a household which practices livestock production as its major income generating activity and a means of subsistence, but moves from one place to another searching for water and pasture for the livestock. This movement usually involves long distances and in many cases the whole household unit moves with the livestock and they have no permanent place of residence.

Both crops and livestock: A holding is referred to be a both crops and livestock if it has cultivated a piece of land equal or exceeding 25 sq meter and if such households have own or kept livestock whose number qualify such household be considered as an agricultural holding.

Procedures for questions:

Q 2.1 Type of agriculture household/holding

Using the options under the question classify the type of agriculture household/holding

Note: If the household had an acre of crops and raised 40 chickens during 2007/08, it is classified as 'Crops only' as the number of chickens does not qualify the household as a livestock holding.

1.0 IDENTIFICATION DETAILS		
1.1	Location	Identification <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Na.	Location Name	Codes
1.1.1	Region	<input type="text"/> <input type="text"/>
1.1.2	District	<input type="text"/>
1.1.3	Ward	<input type="text"/> <input type="text"/> <input type="text"/>
1.1.4	Village	<input type="text"/> <input type="text"/> <input type="text"/>
1.2	Details of the respondent or household head	
Na.		Codes
1.2.1	Name and number of local leader	<input type="text"/> <input type="text"/> <input type="text"/>
1.2.2	Name and number of household head	<input type="text"/> <input type="text"/>
1.2.3	Sex of household head	<input type="text"/>
1.2.4	Name of respondent	
1.2.5	Relationship of Respondent to household head	
Relationship to household head codes (Q 1.2.5) Head of Household1 Son /Daughter.....3 Grandson/Granddaughter.....5 No relationship.....7 Spouse.....2 Father/Mother.....4 Other relatives.....6		
2.0 ACTIVITIES OF THE HOUSEHOLD		
2.1	Type of Agriculture Household	<input type="text"/>
Household agricultural activities codes(Q 2.1) Crops only.....1 Livestock only2 Pastoralist.....3 Crops and Livestock4		

Definition and working page for page 2
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Question Specific Definitions:

Relation to head (Col 2): Household Head: A person who is acknowledged by all other members of the household either by virtue of their age or standing as the household head.
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Read and Write (Col 8) Any other language: Must be a written language. For someone who can read and write in Kiswahili and any other language apart from English, the correct code is 1. For one who can read and write in English and any other language apart from Kiswahili the correct code is 2. Code 4 should only be used for any other language which is not English or Kiswahili.
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Education Level Reached (Col 10): Ask the respondent the highest educational level reached. This aims at establishing whether at the time of enumeration the member of the household is studying has completed or has never studied. Make further enquiry for the level of education reached for those who have completed studies. Establish if the member had attained any training after graduation for the purposes for completing column number 9. For those who still continue attending studies during the period of this survey, establish their learning stage. For instance for a household member who studied up to Standard Three but did not complete his/her education at this level, then his/her highest education level reached is Standard Two. For those indicated under code 3 (not studied) in column 8 should be marked code 99 (Not applicable) in column 9.
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Section 3.0 Note Make sure that you define the hh proper to ensure that all the members of the hh are included. Ensure that you stress that the hh is not just the hh heads direct family and that it includes other people living and eating together with the family. If you notice that the hh is large or you see many people around the hh and you have been given a smaller number of the hh members, make further enquiries until you are sure that you have captured all the hh members.

Section 3.0 Household information. ii) For each household member complete columns 1, 2, 3 and 3 After completing columns 1, 2, 3 and 3 for each household member, go back to the first household member and complete the remaining columns for that member. iii) Repeat step 2 for the rest of the household members.

3.0 HOUSEHOLD INFORMATION													
3.1 Give details of personal particulars of all hh members beginning with hh head							Identification <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>						
Na.	Names of hh members (Start with hh Head)	Ex Start with hh Head	Sex M = 1 F = 2	Age (98 years or more enter 97, under one year old write 00)	Marit al Status	Parental Survival		Not applicable for children under 5 years					
						Mother	Father	Read and Write	Education status	Level of education attained	On farm engagem ents	Main activity	Off farm income yes=1 no=2
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
01	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
02	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
03	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
04	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
05	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
06	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
07	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
08	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
09	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
11	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
14	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
16	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
17	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
21	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
22	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
23	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
24	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
25	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
26	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
27	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
28	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
29	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
30	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
31	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
32	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
33	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Relationship to household head (Col 2)

Head of household.....1
 Female/Male.....2
 Son/Daughter.....3
 Father/Mother.....4
 Grandson/daughter....5
 Other Relatives.....6

Marital Status(Col 4)

Married.....1
 Single.....2
 Co-habiting3
 Divorced
 Separated.....4
 Widow/widower.....5

Survival of Parents(Col 6 & 7)

Yes.....1 No2
 Don't know3

Education Level(Col 9)

Studying1
 Has completed.....2
 Never been to school3

Reading and writing (Col 8)

Kiswahili.....1
 English2
 Kiswahili and English.....3
 Lugha nyingine.....4
 Cannot read or write.....5

Education Level (Col 10)

Primary education

Below Standard One.....00
 Standard One01
 Standard Two.....02
 Standard Three.....03
 Standard Four.....04
 Standard Five.....05
 Standard Six06
 Standard Seven.....07
 Standard Eight.....08
 Education.....19
 Training after Primary Ed...09
 Pre Form One.....10

Secondary Education

Form One.....11
 Form Two12
 Form Three.....13
 Form Four14
 Form Five15
 Form Six16
 Training after Secondary Ed....17
 University and other Tertiary Ed...18
 Adult
 Not applicable99

Involvement in farming activities (Col 11)

Works on farm full time.....1
 Works on farm part time.....2
 Rarely works on farm.....3
 Never works on farm.....4

Off-farm Income (Col 13)

These are income made from activities NOT on the HH's farming activities. This can be from formal employment (e.g. in government etc.), temporary jobs, casual labourers and income generating activity and includes working for cash on other people's farms. Indicate whether each member was involved in an off farm income generating activity during 2007/08

Main activity (Col 12)

Crop farming:01.
 Livestock farming/herding:02.
 Pastoralist03
 Fishing04
 Fish farming05
 Paid employment /
 Government/parastatal.....06
 Private/NGOs07
 Self employee (Off-farm activities)
 - With employees08
 - Without employees09
 Non paid household member (off-farm activities)10.
 Unemployed but available for work11
 Unemployed but unavailable for work..12
 House mother13
 Student14
 Unable to work too old, too young, retired, disabled, child 15
 Others (specify)98

Definitions and working page for page 3

Definitions for Key Specific Questions

Section 4.1 – Land Access/Ownership

These are areas that were used by the households for the 2007/08 farming season

Lease/Certificate of Ownership: Area under lease/certificate of ownership refers to the areas which were issued by the government. The household possesses government issued leasehold title or certificate of ownership. The land will normally be officially surveyed and boundaries marked. This includes leased land bought from others where the lease/certificate of ownership has been transferred.

Customary Law: This refers to the land which the household does not have an official government but its right of use is granted by the traditional leaders.

Bought: This refers to the areas of customary land that has been bought from others. This land does not have an official title and therefore is not leasehold.

Rented from others: Land rented from others for cash or for a fixed amount in crop produce (e.g. fixed number of bags at harvest).

Borrowed: use granted by land owner free of charge. Land owner can either be a lease holder or has right of access through customary law.

Share cropping: where the household is permitted to use land which is then paid for from a percentage of the harvested crop

Section 4.2 Land Use

Temporary crops: are sown and harvested during the same agricultural year

Permanent crops: are crops once sown or planted last for some years and need not to be replanted after each annual harvest.

Permanent crops /mixed crops: This is a mixture of permanent and seasonal crops. The two crops can either be randomly planted together or in a particular pattern e; for example intercropping (1 row of maize and 1 row of beans). A field that has been divided into plots for different crops is not mixed).

This is further subdivided into:

Mixture of Permanent crops – two or more permanent crops grown together

Mixture of Permanent and Temporary crops – permanent crop and annual crop together

Mixture of Temporary crops– two or more temporary, annual crops grown together

Pasture land: this is an area of owned/allocated land which is set aside for livestock grazing. It can be improved pasture where the farmer has planted grass, applied fertilized or where other means have been applied to improve the pasture. Or it can be natural pasture.

Natural Bush: Land which has naturally grown shrubs and trees and is considered productive but is not utilized for farming or livestock production.

Overview to section 4

Overview to section 4

Section 4.0: Preliminary note

Land Access/Ownership

Land access/ownership refers to the area utilized by the members of the household. This does not include communal land where the resources are shared between household members. It does not include official communal land that the household has sole access to for example a plot for crop farming in the communal area.

Procedures for questions

Section 4.0 – Land Ownership

1. Ask the respondent if he knows the total areas of land the household has sole access to. If he knows make a note in the calculation space
2. Ask the respondent the area of the different land ownership categories the household has sole access to (Q4.1, 1 to 4.1.7) and record in the appropriate spaces.
3. Add up the area of the different categories of land and compare it with the total area obtained in step 1 (if the respondent provided the information)
4. If the total area is different find out which one is correct and make

Section 4.2: Land Use

1. Ask the respondent the area of the different land use categories the household has sole access to (Q4.2.1 to 4.2.12) and record in the appropriate spaces.
2. Add up the area of the different categories of land and compare it with the total area obtained in section 4.0. The total area should be the same.
3. If the total area is different find out which one is correct and make amendments where appropriate.

4.0 LAND ACCESS/OWNERSHIP/TENURE		Identification <input type="text"/>									
4.1 LAND ACCESS/OWNERSHIP/TENURE											
Give details on Area owned by the household during 2007/08 agricultural season.											
Give area as reported by the respondent in acres		Area in Acre									
						4.1.8		Was the whole household area used during the 2007/08 agricultural season? (Yes=1, No=2) <input type="checkbox"/>			
4.1.1	Area under certificate of ownership	<input type="text"/>									
4.1.2	Area owned under customary law	<input type="text"/>									
4.1.3	Area bought	<input type="text"/>				4.1.9		Do you consider to have enough land for your household? (Yes=1, No=2) <input type="checkbox"/>			
4.1.4	Area rented from others	<input type="text"/>									
4.1.5	Area borrowed from others	<input type="text"/>									
4.1.6	Area share cropped from others	<input type="text"/>				4.1.10		Is there any female who owns land or has customary rights to land ownership in this household? (Yes=1, No=2) <input type="checkbox"/>			
4.1.7	Area under other forms of tenure	<input type="text"/>									
Total area		<input type="text"/>									
4.2 LAND USE											
Area used by the household for various agricultural activities during 2007/08 agricultural season											
Enter area as reported by the respondent in acres		Area in acre				Working space for calculations					
4.2.1	Area planted temporary monocrops	<input type="text"/>									
4.2.2	Area planted temporary mixed crops (e.g. maize and beans)	<input type="text"/>									
4.2.3	Area planted permanent monocrops	<input type="text"/>									
4.2.4	Area planted permanent mixed crops (e.g. banana, coffee, trees)	<input type="text"/>									
4.2.5	Area planted permanent and temporary mixed crops (e.g. maize and banana)	<input type="text"/>									
4.2.6	Area under pasture	<input type="text"/>									
4.2.7	Area under fallow	<input type="text"/>									
4.2.8	Area under natural forest	<input type="text"/>									
4.2.9	Area planted trees	<input type="text"/>									
4.2.10	Area rented to others	<input type="text"/>									
4.2.11	Area unsuitable for agriculture	<input type="text"/>									
4.2.12	Uncultivated arable land (minus area under fallow)	<input type="text"/>									
Total area		<input type="text"/>									

Definitions and working page for page 4

Working table for the calculation area for annual mixed crops				
Crop Name	Total area of mixed (acre)	Area for plants (acre)	Total number of plants	Total area of plants (acre)
Mixed crops 1	(a)	(b)	(c)	(d) = (a) * (c)
Permanent crop 1		0.000		
Permanent crop 2		0.000		
Permanent crop 3		0.000		
Permanent crop 4		0.000		
Total Area for mixed crops				
		Total area for permanent crops		
The remaining area for temp crops				
Name of the crop temp/permanent 1		% of temporary		Area for permanent crop
Name of the crop temp/permanent 2				
Name of the crop temp/permanent 3				
Check total area		Check total area for temporary crops		

Mixed crops	Total area mix (acre)	Area for the plant (acre)	Total of plants	Total area for plants (acre)
(a)	(c)	(d)	(e)	(f) = (d) * (e)
Permanent crop 1		0.000		
Permanent crop 2		0.000		
Permanent crop 3		0.000		
Permanent crop 4		0.000		
Total area for mixed crops				
		Total area for permanent crops		
The remaining area for temp crops				
Name of the crop temp/permanent 1		% of temporary		Area for temporary crop
Name of the crop temp/permanent 2				
Name of the crop temp/permanent 3				
Check total area		Check total area for temporary crops		

Planted Area: Area in acre the household was able to plant

Harvested Area: Area in acre the household was able to harvest a large portion of harvests. This is the same as the area planted minus the area that was destroyed by floods/pets /

Temporary/Annual Crops
Crops planted and harvested within 12 months after which time the plants die. Most annual crops are planted and harvested on a seasonal base.

Crop Codes/Cereal / Tubers/ Roots:

Code Crop
11 Maize
12 Paddy
13 Sorghum
14 Buriush Millet
15 Finger Millet
16 Wheat
17 Barley
22 Sweet Potatoes
23 Irish Potatoes
24 Yams
25 Cocoyams
26 Onions
27 Ginger

Vegetable Codes:

Code Crop
86 Cabbage
87 Tomatoes
88 Spinach
89 Carrot
90 Chillies
91 Amaranth
92 Pumpkin
93 Cucumber
94 Egg plant
95 Water melon
96 Cauliflower
06 Mellon
05 nyanyachungu
02 Ocra
03 Radish
01 Green Beans
04 Bizarri

Crop Codes Legumes and Oil

Code Crop
31 Beans
32 Cowpeas
33 Green Gram
34 Chick Peas
35 Dengu
36 Bambara nuts
37 Njigere
41 Sun flower
42 Simsim
43 Ground uts
47 Soya beans
48 Caster Seed

Cash crop codes:

Code Crop
50 Cotton
51 Tobacco
53 Payethrum
62 Jute
19 Seaweed

Instructions for calculating the area of mixed crops in a mixture

- A.** If the mixed crop is mixed annually only enter the total area of the field in the remaining area under temporary Crop and go to step one of these instructions.
- B.** If the mixed crop is mixed permanent and annual try to work the percent age taken by the different crops and calculate the area of annual crops outlined in step 1. Otherwise use the number of trees method to calculate the area of annula crops in the mix.
- C:** Number of trees method to calculate annual crop areas in a permanent-annual crop mix:
- List each of the permanent crop in column b and enter the ground area per acre for each permanent crop (from instructions for page 8) in column d.
 - Enter the number of permanent trees in the mix in column e as will be provided to you by the respondent
 - Calculate the area occupied by each crop by multiplying column d and column e and sum up these to obtain the total area of permanent crops in the mix.
 - To obtain the area for temporary crops, subtract () the area for permanent crops from the total area of crop mix and enter the result in the total area under temporary crops.
 - Proceed to step 1 to calculate the area under each temporary crop.
- Enter the name of each temporary crop in the crop mix and estimate percentages of each crop.
 - Using the percentage for each crop, calculate the area for each crop from the remaining area under temporary crop.**
 - After completing the exercise for all the fields, sum the area of each crop in the mix plus any monocrops and enter the totals in section 5.1.1 Column 3.
 - Once the quantity harvested is obtained, calculate the yields (metric tonnes/acre) and compare the figures with the norms given in the crops code box. If there is significantly difference, check the area and the amount harvested.**

Kipimo (S/wima 13)

Type of fertilisers (Col 12)
Organic fertiliser 1
inorganic fertilisers 2

Quantity (Col 17)
Kilg.....1
Litre.....2
Gram.....3
Millilitre.....6

Use of farm inputs
(SCoI10.11 & 16)

For the whole crop.....1

3/4 of the whole crop.....2

1/2 of the whole crop.....3

1/4 of the whole crop.....4

Under 1/4 of the whole crop...5

Not used6

Quantity (Col 7)
Kg1
Seedlings.....2
Gram.....3

Use of agricultural seeds
(Col 6.)
For the whole crop.....1
3/4 of the whole crop.....2
1/2 of the whole crop.....3
1/4 of the whole crop.....4
Under 1/4 of the whole crop...5

Type of seeds planted
(Col 5)
Local seeds...1
Improved seeds.....2

Main crop owner: (Col 4)
Enter number of hh member from page 2 on details on hh members in Q. 3

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Definitions and working page for page 5

Storage (Col. 30, Q 5.1.1):

- **Traditionally Made structures:** The design of storage structures villagers have inherited from forefathers .
- **Improved Traditionally made structures:** The design of traditional storagesructures improved through modern technology.

Marketing Challenges Q 5.1.1 Col. 33:

- **Farmers' Association :** Village farmers who came together and started an association for the purposes of purchasing inputs/selling/storage of crops aiming at fetching better prices.
- **Cooperative Union:** A large inter-village/community set up in the district/ region or at national level for providing inputs, markets and storage of farmers' crops.
- **Government Regulatory laws for crops marketing:** Government instituted laws for regulating transportation and selling of crops.

Inputs (Q 5.1.1)

- Farm Yard Manure:** An organics fertiliser made on farm from animal dung .
- Compost:** An organic fertiliser made on farm from decomposed plant materials.
- Insecticides:** This is the chemical use in protecting plants or killing pests.
- Fungicides:** Protects plants from fungi attack.
- Herbicide:** Chemicals used to control or kills weeds.
- Improved seeds:** Scientifically attested to be suitable for agricultural use.

Working area/calculation space

Questions specific definitions

Q 5.1.1. Instructions on crops storage :

1. For the listed crops establish whether or not the household stored crops for 2007/2008 agricultural season.
2. For the listed crops give explanations on storage.

Crops storage is keeping/reserving crops in a container or a special place for future use.

Q 5.1.1 Col 31

1. For each of crops listed indicate major marketing problems for 2007/2008 agricultural season.

Definitions and working page for page 6

Working table for the calculation of area for annual mixed crops				
Crop Name	Total area of mixed (acre)	Area for plants (acre)	Total number of plants	Total area of plants (acre)
Mixed crops 1	(a)	(b)	(c)	(d) = (b) * (c) / (a)
Permanent crop 1		0.000		
Permanent crop 2		0.000		
Permanent crop 3		0.000		
Permanent crop 4		0.000		
Total Area for mixed crops				
The remaining area for temp crops				
Name of the crop temp/permanent 1			% of temporary	
Name of the crop temp/permanent 2				
Name of the crop temp/permanent 3				
Check total area				
Total area for mixed crops				
The remaining area for temp crops				
Total area for mixed crops				
Name of the plant				
Mazao mchanganyiko 2				
Permanent crop 1				
Permanent crop 2				
Permanent crop 3				
Permanent crop 4				
Total area for mixed crops				
The remaining area for temp crops				
Name of the crop temp/permanent 1			% of temporary	
Name of the crop temp/permanent 2				
Name of the crop temp/permanent 3				
Check total area				

Planted Area: Area in acre the household was able to plant

Harvested Area: Area in acre the household was able to harvest a large portion of harvests, this is the same as the area planted minus the area that was destroyed by floods/ pests /

Temporary/Annual Crops
Crops planted and harvested within 12 months after which time the plants die. Most annual crops are planted and harvested on a seasonal base.

Cash crop codes:

Code	Crop
50	Cotton
51	Tomato
52	Pepper
53	Payethrum
62	Julie
19	Seaweed

Tubers/Roots:

Code	Crop
12	Potato
13	Paddy
14	Sorghum
15	Bulrush Millet
16	Finger Millet
17	Wheat
22	Barley
23	Sweet Potatoes
24	Yam
25	Yam
26	Cocoyam
27	Onions
28	Ginger

Vegetable Codes:

Code	Crop
87	Cabbage
88	Spinach
89	Carrot
90	Chillies
91	Pumpkin
92	Cucumber
93	Egg plant
94	Water melon
95	Brinjal
96	Peas
97	Peas
98	Peas
99	Peas
01	Green Beans
02	Okra
03	Radish
04	Bizani

Crop Codes/Cereal / and Oil

Code	Crop
31	Beans
32	Cowpeas
33	Green Gram
34	Black Peas
35	Black Peas
36	Barbara nuts
37	Nigene
41	Sun flower
42	Simsim
43	Ground uts
47	Soya beans
48	Caster Seed

Instructions for calculating the area of mixed crops in a mixture

A. If the mixed crop is mixed annual only enter the total area of the field in the remaining area under temporary crop and go to step one of these instructions

B. If the mixed crop is mixed permanent and annual try to work type percent age taken by the different crops and calculate the area of annual crops outlined in step 1. Otherwise use the number of trees method to calculate the area of annual crops in the mix.

C. Number of trees method to calculate annual crop areas in a permanent-annual crop mix.:

(i) List each of type permanent crop in column b and enter the ground area per acre for each permanent crop (from instructions for page 5) in column d.

(ii) Enter the number of permanent trees in the mix in column e as will be provided to you by the respondent

(iii) Calculate the area occupied by each crop by multiplying column d and column e and sum up these to obtain the total area of permanent crops in the mix.

(iv) To obtain the area for temporary crops, subtract (f) the area for permanent crops from the total area of crop mix and enter the result in f in the total area under each temporary crop.

(v) Proceed to step 1 to calculate the area under each temporary crop.

1. Enter the name of each temporary crop in type crop mix and estimate percentages of each crop.

2. Using the percentage for each crop, calculate the area for each crop from the remaining area under temporary crop.

3. Entering the figures for all the fields, sum the area of each crop in type mix plus any monocrops and enter the total in section 5.1.1 Column 3.

4. Once the quantity harvested is obtained, calculate the yields (metric tonnes/acre) and compare the figures with the norms given in the crops code box. If there is significantly differences check the area and the amount harvested.

Identification

[illegible]

Does your household have any permanent/perennial crops or fruit trees Yes = 1, No = 2, (If answer is NO proceed to Section 6.0)

5.3.1

Give details on permanent/perennial crops or fruit trees

Production Section															
		Monocrops	Mixed crops		Main crop owner:	Farm inputs									
Name of permanent/perennial crop	crop code of permanent / perennial crop/fruit trees	Area for trees/seeding/branch/bushes	Are for mixed crops (Acre)	Number of T plants/ trees in the crop mixh of permanent and perennial crop	Enter the number of the hh member from page 2 on information on for hh	Type of plant area seeds	Cultivated area	Size	Cost (Ths)	Irrigation	The type of fertiliser used	Quantity of fertliser (kg)	Cost (Ths)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
.....															
.....															
.....															
.....															
.....															
.....															
.....															
.....															
.....															

Type of seed planted (Col 17)

Local seeds..... 1

Improved seeds..... 2

Don't know/ Not applicable... 3

Main crop owner (Col 6):

Enter the number of the hh member from page 2 on information for hh members in Q 3

Area cultivated (col. 8)

For the whole crop..... 1

3/4 of the whole crop..... 2

1/2 of tyhe whole crop..... 3

1/4 old the whole crop..... 4

Under 1/4 of the whole crop....

Quantitiy (Col 9)

Kg 1

Seedlings... 2

Gram 3

Use of farm inputs (Col 12 & 13)

For the whole crop..... 1

3/4 of the wholecrop..... 2

1/2 of tyhe whole crop..... 3

1/4 old the whole crop..... 4

Under 1/4 of the whole crop..... 5

Net used

Type of fertilisers (Col 14)

Organic fertiliser..... 1

Identification

[illegible]

Definitions and working page for page 7

Storage (Col. 30, Q 5.2.1):

- **Traditionally Made structures:** The design of storage structures villagers have inherited from forefathers .
- **Improved Traditionally made structures:** The design of traditional storagesrutures improved through modern technology.

Marketing Challenges Q 5.2.1 Col. 33:

- **Farmers' Association:** Village farmers who came together and started an association for the puporses of purchasing inputs/selling/storage of crops aiming at fetching better prices.
- **Cooperative Union:** A large inter-village/community set up in the district/ region or at national level for providing inputs, markets and storage of farmers' crops.
- **Government Regulatory laws for crops marketing:** Government instituted laws for regulating transportation and selling of crops.

Inputs (Q 5.2.1)

- Farm Yard Manure:** An organics fertliser made on farm from animal dung. .
- Compost:** An organic fertiliser made on farm from decomposed plant materials.
- Insecticides:** This is the chemical usde in protecting plants or killing pests.
- Fungicides:** Protects plants from fungi attack.
- Herbicide:** Chemicals used to control or kills weeds.
- Improved seeds:** Scientifically attested to be suitable for agricultural use.

Questions specific definitions

Q 5.2.1. Instructions on crops storage:

1. For the listed crops establish whether or not the household stored crops for 2007/2008 agricultural season.
2. For the listed crops give explanations on storage.

Crops storage is keeping/reserving crops in a container or a special place for future use.

Q 5.2.1 Col 33

1. For each of crops listed indicate major marketing problems for 2007/2008 agricultural season.

Working area/calculation space

Definitions and working page for page 8	
<p>Permanent Crops: These are crops once planted last longer in the farm and need not be replanted after each annual harvest. Most of the permanent plants include trees such as coconut trees, apple trees, grape trees, banana trees, pineapple trees etc.</p>	
<p>Number of Trees: These include manure trees and premature trees.</p>	
<p>Number of mature plants: A total of fruit bearing trees (e.g. mango trees, orange trees, avocado trees e.t.c).</p>	
<p>Instructions for permanent monocrops and crop mix: A. For a field with permanent monocrop enter farm size in column 3. B. For a field with a permanent crop mix or a temporary crop mix, enter the number of trees only in column 4. C. For a field with a permanent crop mix /temporary annual crops, either: -Enter the area in column 4, if the total area for permanent crops was obtained through calculation of percentages of each crop OR Enter the number of tree in column 5, if the number of plants/ seedlings of permanent crops was excluded</p>	
<p>21 Cassava: Cassava is a temporary crop. in order to simplify data collection on areas of production, data on cassava will be collected from areas under permanent crops.</p>	

Permanent crops:(crop oils)		
Code	Crop	Area per crop
44	Palm Trees	0.00049
45	Coconut tree	0.00037
46	Cashew nut tress	0.00062

Permanent crops (Cash crops)		
Code	Crop	Area per crop
53	Sisal	0.00012
54	Coffee	0.00049
55	Tea	0.00037
56	Cocoa	0.00049
57	Rubber	0.00099
58	Wattle	0.00099
59	Kapok	0.00124
60	Sugar-cane	0.00012
61	Cardamon	0.00049
63	Tamarin	0.00099
64	Cinamon	0.00124
65	Nutmeg	0.00099
66	Clove	0.00074
18	Black pepper	0.00037
34	Pigeon Peas	0.00025
21	Cassava	0.00019
75	Pineapple	0.00006
86	Lemon Grass	0.00006

Permanent crops:		
Code	Crop	Area per crop
70	Passion Fruit	0.00074
71	Bananas	0.00037
72	Avocado	0.00099
73	Mango	0.00099
74	Pawpaw	0.00037
76	Orange	0.00074
77	Grape fruit	0.00074
78	Grape	0.00012
79	Mandarin	0.00074
80	Guava	0.00074
81	Plums	0.00074
82	Apples	0.00074
83	Peaches	0.00074
84	Mifyoksi	0.00074
85	Lime/lemon	0.00074
68	Pomelo	0.00099
69	Jack Fruit	0.00074
97	Durian	0.00074
98	Bilimbi	0.00074
99	Rambutan	0.00074
67	Bread Fruit	0.00099
38	Malay apple	0.00074
39	Star Fruit (Sakua)	0.00074

Definitions and working page for page 9

Storage (Col. 33, Q 5.3.1):

- **Traditionally Made structures:** The design of storage structures villagers have inherited from forefathers .
- **Improved Traditionally made structures:** The design of traditional storagesrutures improved through modern technology.

Marketing Challenges Q 5.3.1 Col. 35:

- **Farmers' Association:** Village farmers who came together and started an association for the puporses of purchasing inputs/selling/storage of crops aiming at fetching better prices.
- **Cooperative Union:** A large inter-village/community set up in the district/ region or at national level for providing inputs, markets and storage of farmers' crops.
- **Government Regulatory laws for crops marketing:** Government instituted laws for regulatina transportation and selling of crops.

Inputs (Q 5.3.1)

- Farm Yard Manure:** An organics fertiliser made on farm from animal dung. .
- Compost:** An organic fertiliser made on farm from decomposed plant materials.
- Insecticides:** This is the chemical usde in protecting plants or killing pests.
- Fungicides:** Protects plants from fungi attack.
- Herbicide:** Chemicals used to control or kills weeds.
- Improved seeds:** Scientifically attested to be suitable for agricultural use.

Questions specific definitions

Q 5.3.1. Instructions on crops storage:

1. For the listed crops establish whether or not the household stored crops for 2007/2008 agricultural season.
2. For the listed crops give explanations on storage.

Q 5.3.1 Col 35

1. For each of crops listed indicate major marketing problems for 2007/2008 agricultural season.

Working area/calculation space

Definitions and working page for page 10

Investment in agriculture

Investment activities:

Investment activities refer to medium to long term farm development structures and projects. This can be irrigation structures, erosion control and water harvesting structures or other permanent or semi-permanent investment made on the land that the household owns.

Irrigated farming: Section 6.5:

Source of irrigation water (Col 1): The main source of the water used for irrigation.

Method of obtaining water (Col 2): The mechanism by which the water is extracted from the source

Irrigatable area (Col 3): The area the irrigation system is designed to cover in acreage

Area of irrigated land during the 2007/08 (Col 5): Area of land under irrigation during the 2007/08 agricultural year. This is the actual area and NOT the cumulative areas recultivated in 2 or more cropping seasons.

Farm Implements (Col. 1):

Machette : Include all implements use in tree cutting namely cicle, etc.

Sprinkler: The pump carried on the back or a hand used water pump

Hand used small tractor: A small tractor used in cultivation while the user walks on foot (see photo).



Section 6.2 Use of draft animals

Animals used in agricultural activities by the household during 2007/08 agricultural season.

Castrated Bulls: Castrated oxen meant for use in agricultural production.

Uncastrated Bulls: mature bulls used for garicultural activities but are not castrated.

Cow: Farmers also use mature female cattle in agricultural activities due to shortage of bulls

Donkey: Mature Male or female donekys are also used for agricultural production.

Q 6.5 Irrigation.

1. If a household uses irrigated farming give explanations aon source and method of obatinig water. .

2. **See Col 10**, Q. 5.1.1 and 5.2.1 and **Col 12**, Q 5.3.1 to see if irrigation was applied to any crop.

Farm implements, Q 6.1:

1. Column 2 Indicate whether or not inputs were used

2. Complete column 3 by entering the number of inputs used.

Farm inputs: Sections 6.3 and 6.4

1. Column 2 Indicate whether or not inputs were used.

2. Compelte column 3 by indicating where the inouts were obatined and column 4 by indicating the distance from where the inputs were obatined

Compost: An organic fertiliser made on farm from decomposed plant materials.

Insecticides: This is the chemical usde in protecting plants or killing pests.

Fungicides: Protects plants from fungi attack.

Herbicide: Chemicals used to control or kills weeds.

Improved seeds: Scientifically attested to be suitable for agricultural use.

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Definitions and working page for page 11

Q 6.6

The type of erosion control/Water harvesting (Col 1)

Terraces: Structures constructed on mountain slopes to provide flat terrain for crop planting.

Erosion control bunds: these are bunks of earth/stones built perpendicular to the slope to slow down the speed of water and thus preventing soil erosion. Its differs from terraces in that the soils on these banks are not at ground level .

Gabions: A box like structure made of wire and filled with large stones to prevent gully erosion.

Sand bags: Are used in controlling and preventing gully erosion
Tree belt/wind breaks: Trees planted against the wind direction for breaking wind speed..

Section 7.0 Acces to credit for crop or livestock production

Credit refers to something provided in cash or in kind (such as farm inputs, machines, livestock and other things) for crop or livestock production. The value of the credit must be repaid back to the lender. An Interest may or may not be attached to the value of the credit

The credit may be repaid either in cash or through farm produce to be harvested .

In this question the enumerator is at liberty to inquire up to three sources of credit where the farmer accessed credit from more than one source.

Section 8.0 Agricultural Extension Services

Agricultural Extension Services: Refers to educational services provided to farmers by extension officers for the purposes of increasing crop and livestock production.

Share-cropping: Refers to farming where smallholder / Smallscale farmer enters into an agreement with large scale farmer where the former sells produce to the latter in exchange of provisions of farm inputs and the like. .

Contract farming Farming: Farming agreement entered between smallscale and large scale farmers with regards to markets of farm produce and provision of farm inputs

Q 6.6 Number of water harvesting structures and year of construction

1. The number water harvesting structures refers to the number of working / maintained structures and does not include derelict or irreparable structures.

2. Year of construction refers to the year in which the structures were built, and not the year the structures were last repaired. The year should be written in figures e.g. 1998, 2006.

Section 7.0 Source of agriculture credit

If the farmer obtained credit from more than one source the use the code from the list provided. Start with the main source of credit in Section "7.1.1".a

Section 8.0 Agricultural extension services

1. Ask if the household did receive agricultural extension services during 2007/08 agricultural season from the respondents listed in column 1, then enter column 2.

2. Complete all columns for every extension officer.

6.6 SOIL EROSION		Identification						
6.6.1	Did the household experience soil erosion during 2007/08 agriculture year? <input type="checkbox"/>							
(Yes=1, No=2)								
6.6.2	Did the household applied any methods for erosion contro/water harvesting during 2007/08 agricultural year? <input type="checkbox"/>							
(Yes=1, No=2) (If the answer is No, Proceed to Section 7.0)								
No.	Mechanisms of controlling erosion/ Water harvesting	Number of water harvesting	Year of construction		Type of erosion control/water harvesting	Number of water harvesting	Year of construction	
	(1)	(2)	(3)		(1)	(2)	(3)	
6.6.3	Terraces	<input type="text"/>	<input type="text"/>	→	6.6.7	Tree belt	<input type="text"/>	
6.6.4	Bunks for erosion control	<input type="text"/>	<input type="text"/>		6.6.8	Soil bunks of water harvesting	<input type="text"/>	
6.6.5	Gabions/sand bags	<input type="text"/>	<input type="text"/>		6.6.9	Trenches	<input type="text"/>	
6.6.6	Vetiva leaves	<input type="text"/>	<input type="text"/>		6.6.10	Other	<input type="text"/>	
7.0 ACCESS TO ON FARM CREDITS								
7.1	Is there any household member who accessed on farm credit during 2007/08 agriculture year? Yes=1, No=2 (If answer is NO, Proceed to Section 7.2) <input type="checkbox"/>							
SELECT UP TO THREE SOURCES AND PROCEED TO QUESTION 8.0								
(Source of credit Q 7.1.1, 7.1.2, 7.1.3) Relative.....1 Saccos.....4 NGO/Development projects.....7 Bank.....2 Businessman/Shop.....5 Cooperative Union.....3 Private individuals.....6 Other.....9				Source of credit		7.1.1a	7.1.2a	7.1.3a
				Credit provided to		7.1.1b	7.1.2b	7.1.3b
				(Male=1, Female=2)		<input type="text"/>	<input type="text"/>	<input type="text"/>
7.2	IF THE ANSWER TO QUESTION 7.1 IS NO							
Give reasons for not accessing credit								
Reasons for not accessing credit (Q 7.2.1) COL Not required1 Did not to be indebted.....3 Did not know how to access credit.....5 Credit delayed.....7 Did not credit existed.....9 Not available2 High interest rates.....4 Bureaucracy.....6 Other (Specify).....8								
8.0 ADVISORY SERVICES IN AGRICULTURE								
8.1	Did the household participate in outgrowers scheme during 2007/08 agriculture year? (Yes=1, No=2) <input type="checkbox"/>							
8.2	Did the household participate in the contract farming during 2007/08 agriculture year? (Yes=1, No=2) <input type="checkbox"/>							
8.3	Did your household receive agricultural advise on the following : (IF THE ANSWER IS NO IN COL 2 PROCEED TO THE FOLLOWING QUESTION							
No.	Advise on agriculture	Received advice (Yes=1, No=2)	Source of advise					
	(1)	(2)	(3)					
8.3.1	Spacing	<input type="text"/>	<input type="text"/>					
8.3.2	Use of agrochemicals	<input type="text"/>	<input type="text"/>					
8.3.3	Soil erosion control	<input type="text"/>	<input type="text"/>					
8.3.4	Use of organic manure	<input type="text"/>	<input type="text"/>					
8.3.5	Matumizi ya mbolea za viwandani	<input type="text"/>	<input type="text"/>					
8.3.6	Use of improved seeds	<input type="text"/>	<input type="text"/>					
8.3.7	Use of modern farm implements	<input type="text"/>	<input type="text"/>					
8.3.8	Irrigation	<input type="text"/>	<input type="text"/>					
8.3.9	Crop Storage	<input type="text"/>	<input type="text"/>					
8.3.10	Pest control	<input type="text"/>	<input type="text"/>					
8.3.11	Other (Specify)	<input type="text"/>	<input type="text"/>					
Source of agricultural advice (Col. 3) Government.....1 NGO/Development project.....2 Cooperative.....3 Large Scale farmer.....4 Radio/Newspapers.....5 Neighbour.....6 Other source.....8								

Definitions and working page for page 12

Q 9.1 and 9.3 : What is required is to establish whether or not the household kept or raised the listed livestock during 2007/08 agricultural season (i.e. from October 2007 to September 2008). Also to establish the number of livestock as of 1st October 2008

Keeping or raising livestock is to keep livestock at home while providing the livestock with animal feeds and medication and other services. The livestock could be owned by the farmer or kept on behalf of relatives or neighbours .

Sections 9.1.1 to 9.1.7 Cattle

Note:

Q 9.1 is for the actual number of cattle owned or kept by the household (as of 1st October 2008). This number does not include herds of cattle kept on behalf by relatives or neighbours; that is, the cattle outside the residential area of the household under survey.

1. If the the household keep mature fecund female cattle, it is expected that such a household will have calves which will be entered in question 9.1.6 or 9.1.7

Type of cattle (section 9.1.1 to 9.1.7)

Bull: Mature uncastrated male cattle used for breeding

Cow: Mature female cattle that has given birth at least once

Ox: Castrated male cattle used for farm work

Steer: Castrated male cattle used for meat

Heifer: Female cattle of 1 year up to the first calving

Section 9.3 Goat

Note:

Question 9.3 is for the actual number of owned or raised by the household (as of 1st October 2008) This number does not include goats kept on behalf by relatives or neighbours, that is the goat outside the residential area of the household under survey.

1. If the household has she goats, you would normally expect them to have kids

Type of Goat (Qs 9.3.1 to 9.3.5)

Billy Goat (he-goat): Mature Uncastrated male goat used for breeding

Castrated goat: Male goat that has been castrated

She Goat: Mature female goat over 9 months of age

9.0	LIVESTOCK (LIVESTOCK AND FISH)					
9.1	CATTLE					
Identification <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>						
Did your household keep or raise cattle during 2007/08 agriculture year? Yes=1, No= 2 (If the answer is No proceed to Section 9.3) <input type="text"/>						
Number of cattle as of 1.10.2008						
No.	Type of cattle	Number of indigenous cattle (2)	Number of improved cattle for meat (3) Dairy (4)		Total (5)	
9.1.1	Castrated bulls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.2	uncastrated bulls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.3	Cows	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.4	Steers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.5	Heifer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.6	Male calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.1.7	Female calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Grand total						<input type="text"/>
9.1.8 What main methods do you use to identify your cattle? <input type="text"/>						
Cattle identification methods Iron stamp (chapa moto).....1 Throat.....2 Ear/tail cutting.....3 Colour.....4 Earrings...5 Other8						
9.2	Milk production: CATTLE					
Na.	Season (1)	Type of cattle (2)	Number of milked cows (3)	Average of milk per cow per day (litre) (4)	Average number of days which your cows were milked (5)	Average price per litre per season (6)
9.2.1	Rainy	Improved	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.2.2		Indigenous	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.2.3	Dry	Improved	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.2.4		Indigenous	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3	GOAT					
Did your household keep or raise cattle during 2007/08 agriculture year? Yes=1, No= 2 (If the answer is No proceed to Section 9.3) <input type="text"/>						
Number of goats as of 1.10.2008						
Na.	Type of goat (1)	Number of indigenous goat (2)	Number of improved for meat (3) Dairy (4)		Total (5)	
9.3.1	Male uncastrated goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3.2	Male castrated goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3.3	She goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3.4	Male kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3.5	She kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Grand total						<input type="text"/>
Milk Production: GOAT						
Na.	Season (1)	Number of milked goats (2)	Average of milk per goat per day (litre) (3)	Average number of days which your she goats were milked (4)	Average price per litre per season (5)	
9.3.6	Rainy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.3.7	Dry	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Definitions and working page for page 13

Q 9.1 and 9.3 : What is required is to establish whether or not the household kept or raised the listed livestock during 2007/08 agricultural season (i.e. from October 2007 to September 2008). Also to establish the number of livestock as of 1st October 2008

Keeping or raising livestock is to keep livestock at home while providing the livestock with animal feeds and medication and other services. The livestock could be owned by the farmer or kept on behalf of relatives or neighbours .

Sections 9.4 Sheep

Note:

Q 9.4 is for the actual number of sheep owned or kept by the household (as of 1st October 2008). This number does not include sheep kept on behalf by relatives or neighbours; that is, the sheep outside the residential area of the household under survey.

1. If the the household keep ewes, it is expected that such a household will have calves which will be entered in question 9.1.6 or 9.1.7

Type of Sheepe (Section 9.4.1 to 9.4.5)

Ram: Mature Uncastrated male sheept used for breeding

Castrated sheep: Male sheep that has been castrated

Ewe: Mature female sheep over 9 months of age

Lamb: Young sheep under 9 months of age.

Section 9.5 Pigs

Note:

Question 9.3 is for the actual number of pigs owned or raised by the household (as of 1st October 2008). This number does not include pigs kept on behalf by relatives or neighbours, that is the cattle outside the residential area of the household under survey. .

1. If the household has she goats, you would normally expect them to have kids in column

Type of Pigs (Qs 9.5.1 to 9.5.5)

Boar: Mature Uncastrated male pig used for breeding

Sow: Mature female pig that has given birth to at least one ltter of pigs.

Gilt: Female pig of over 3 months up to the first farrowing

Piglet: Young pig less than 3 months of age

9.4 SHEEP					
	Did your household keep or raise cattle during 2007/08 agriculture year? Yes=1, No=2 (If the answer is No proceed to Section 9.5)				
Number of sheep as of 1.10.2008					
Na.	Type of sheep	Number of indigenous sheep	Number of improved	Total	
	(1)	(2)	(3)	(5)	
9.4.1	Ram				
9.4.2	Castrated sheep				
9.4.3	She sheep				
9.4.4	Male lamb				
9.4.5	Female lamb				
Grand total					

9.5 PIGS					
	Did your household keep or raise cattle during 2007/08 agriculture year? Yes=1, No=2 (If the answer is No proceed to Section 9.6)				
Number of pigsp as of 1.10.2008					
Na.	Type Pigs	Number of pigs			
	(1)	(2)			
9.5.1	Boar				
9.5.2	Castrated male				
9.5.3	Sow/Gilt				
9.5.4	Male piglet				
9.5.5	Female piglet				
Grand total					

9.6	OTHER LIVESTOCK		
	Type of animal	Number as of 1 October 2008	Number of eggs 2007/08 agriculture year
	(1)	(2)	(3)
9.6.1	Local chicken	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
9.6.2	Layers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
9.6.3	Broilers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
9.6.4	Ducks	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
9.6.5	Guinea pigs	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	

Definitions and working page for page 14

Control of livestock diseases causing bugs

Livestock worm control medicine: Medicine used to kill or control livestock on livestock. It is often used for cattle, goats, sheep and pigs.

Tick: Is a dangerous bug that sucks blood from livestock and transmits animals diseases from one to the other animal.

Tse tse fly: A fly like bug that sucks blood from livestock and transmits diseases sleeping sickness from one to the other animal.

Livestock advice (Section 9.8)

IA service provided by extension officers to livestock keepers for increasing livestock production.

9.7 LIVESTOCK DISEASES AND PEST CONTROL		Identification	
Did you livestock during 2007/08 agriculture year? (Yes=1, No=2) (If the answer is No proceed to Section 9.7.5)		<input type="checkbox"/>	
9.7.1	Which animals did you deworm? (Yes=1, No=2, Not applicable=3 in the relevant box) Cattle <input type="checkbox"/> 9.7.2 Goat/Sheep <input type="checkbox"/> 9.7.3 Pigs <input type="checkbox"/> 9.7.4 Poultry <input type="checkbox"/>	<input type="checkbox"/>	
9.7.5	Do you experience tick problem with your livestock? (Yes =1, No = 2, Not applicable 3)	<input type="checkbox"/>	
9.7.6	How did you control tick problem? Control method (Q. 9.7.6): Dipping.....1 Spaying.....2 Application of medicine on back bone.....3 None.....4 Other.....8	<input type="checkbox"/>	
9.7.7	Do you experience Tse tse problem with your livestock? (Yes =1, No = 2, Not applicable 3)	<input type="checkbox"/>	
9.7.8	How did you control Tse tse problem with your livestock? Control method (Q. 9.7.8): Dipping.....1 Spaying.....2 Traps.....3 None.....4 Other.....8	<input type="checkbox"/>	
9.7.9	Do you experience Newcastle disease problem with your poultry? (Yes =1, No = 2, Not applicable 3)	<input type="checkbox"/>	
9.7.10	How do you control Newcastle disease problem with your poultry? Control/Curative methods (Q. 9.7.10) Vaccination.....1 Herbs.....2 None.....3	<input type="checkbox"/>	
9.7.11	Did you experience Fowl Typhoid with your poultry? Yes=1, No=2, Not applicable=3	<input type="checkbox"/>	
9.7.12	How did you control/ cure Fowl Typhoid with your poultry? Control/curative methods (Swali 9.7.12) Vaccination.....1 Herbs.....2 None.....3	<input type="checkbox"/>	
9.7.13	Were your cattle vaccinated against the following diseases? (Yes = 1, No = 2, Not applicable=3). 9.7.13 A: Foot and Mouth diseases <input type="checkbox"/> 9.7.13 B: Skin disease <input type="checkbox"/>	<input type="checkbox"/>	
NOTE : If answers to Qs 9.1 to 9.6 is No (THAT IS THE HOUSEHOLD DOES NOT RAISE LIVESTOCK), Proceed to q 9.9			
9.8 Extension services on livestock			
Did you receive the following extension advice on the following? (IF THE ANSWER IS NO IN COL 2 PROCEED TO THE FOLLOWING QUESTION)			
No.	Livestock extension advice	Received Extension advice (Yes=1, No=2)	Source of Extension (3)
	(1)	(2)	(3)
9.8.1	Feed and better feeding methods	<input type="checkbox"/>	<input type="checkbox"/>
9.8.2	Improved livestock shed (Goat, Dairy cattle, Poultry and pigs)	<input type="checkbox"/>	<input type="checkbox"/>
9.8.3	Milking and hygiene	<input type="checkbox"/>	<input type="checkbox"/>
9.8.4	Cattle fattening	<input type="checkbox"/>	<input type="checkbox"/>
9.8.5	Livestock diseases control	<input type="checkbox"/>	<input type="checkbox"/>
9.8.6	Livestock keeping in line with land availability	<input type="checkbox"/>	<input type="checkbox"/>
9.8.7	Pasture establishment and maintenance	<input type="checkbox"/>	<input type="checkbox"/>
9.8.8	Forming and strengthening groups/cooperatives	<input type="checkbox"/>	<input type="checkbox"/>
9.8.9	Calf rearing	<input type="checkbox"/>	<input type="checkbox"/>
9.8.10	Basics of production and use of improved bulls (AI)	<input type="checkbox"/>	<input type="checkbox"/>
9.8.11	Animals feed production	<input type="checkbox"/>	<input type="checkbox"/>
9.8.12	Other extension advice (Specify)	<input type="checkbox"/>	<input type="checkbox"/>
Source of agriculture extension (Swali 3) S Government.....1 NGO/Development project.....2 Cooperative Union.....3 Large Scale farmer.....4 Radio/TV/Newspapers.....5 Neighbour.....6 Other source8			

Definitions and working page for page 15

General definitions

Fish farming: Refers to the rearing/production of fish. It is different from fishing in that in fish farming the fish have to be reared. While in fishing, fishing nets or traps are used to catch fish from rivers, lakes and the sea; thus fishing should not be included in this section

Question Specific Definitions (Q 9.9)

Production unit number (Col 1): A production unit is a pond river/lake which is treated as a separate entity for the production of fish eg it may be by virtue of manageable size, maturity of fish, type of fish etc. eg. a farmer may have 3 fish ponds (each one is a separate production unit).

Frequency of stocking (Col . 5): What is the number of time the farmer puts new fingerlings into the pond each year.

Fingerlings: These are young immature fish used for stocking ponds.

Sols: (Col 10 & 11)

If no fish were sold enter "0" in column 10 and 11`

Fish sold (Col.12)

Kama hakuna samaki waliouzwa jaza "0" katika safuwima 12

Working space for page 15

9.9 FISH FARMING										Identification									
Did your household practice fish farming? Yes=1, No=2 (If the answer is no proceed to section 9.10)																			
Give details on the fish farming during 2007/08 agriculture year																			
No.	Number of Ponds	Area of pond (m ²)	Source of fingerlings	What is the frequency of stocking during the period?	Total number of stocked fish			Crabs	Lulu	Total number of fish harvested	Total weight of all fish		What is the main fish outlet?						
					Tilapia	Mwatiko					waliouliwa (kg)	waliouzwa (kg)							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)					
9.9.1	1																		
9.9.2	2																		
9.9.3	3																		
Type of farming (SCol 2). Natural pond.....1 Small earth pond.....2 Large pond.....3 Other8					Standard of services to the pond (Col 6). High level1 Intermediate level2 Low level3 Don't know8					Source of fingerlings (Col 4). From the pond.....1 Government.....2 NGO/Development Project.....3 Other8					mainly sold to? (Col 14). Neighbour...1 Auction.....3 Open market...2 Fish processing industry...4 Private business people...6 Did not sell.....7 Other8				
9.10 HONEY PRODUCTION Is there honey production/harvesting in your household? Yes=1, No=2 (If answer is no PROCEED to Section 9.11)																			
Give details on honey harvesting during 2007/08 agriculture year																			
Number	Type of honey	Harvesting done? (Yes=1, No=2)	Number of improved bee hives	Number of local bee hives	Amount sold per year (litre)	Amount of honey sold (litre)	Price per litre	Main market											
									(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
9.10.1	Small bees																		
9.10.2	Large bees																		
9.11 AGRICULTURAL CHALLENGES From the list of challenges in farming on the right of the page, SELECT FIVE MAIN CHALLENGES WHICH constrain your development in agriculture																			
No	With first five priorities	Code	No	Important for	Code														
	(1)	(2)		(1)	(2)														
9.11.1	Priority 1		9.11.4	Priority 4															
9.11.2	Priority 2		9.11.5	Priority 5															
9.11.3	Priority 3																		

LIST OF CHALLENGES

01 Land availability

02 Land ownership

03 Poor farm implements

04 Soil fertility

05 Availability of improved seeds

06 Irrigation services

07 Availability of agrochemicals

08 Cists of farm inputs

09 Extension services

10 Availability of forest resources

11 Hunt/inf and collection problems

12 Water availability

13 Access to credits pastoralists

14 Lack of off farm incomes

15 Harvesting problems

16 Kupukuchua

17 Crop storage

18 Crop processing

19 Market information

20 High transportation costs

21 Destructive animals

22 Crop theft

23 Pests and diseases

24 Advice from Local government

25 Long dry spells

26 Conflicts between livestock keepers and

Definitions and working page for page 16**10.0 Household poverty indicators****Number of rooms used for sleeping in the household (Q 10.1.4)**

Include sitting room, dining room, kitchen, etc if used for sleeping.

It also includes rooms outside the main dwelling

A room is defined as a space which is separate from the rest of the building by a permanent wall or division. A building / house that is not divided into rooms is considered to have one room.

Household assets (Q 10.2):

These assets must be functional. Do not include if broken.

Access to drinking water (Q 10.4):

If there is more than one source use the one, which the hh uses most frequently.

Main source of hh cash income:(Q 10.7:

Activity that provides the hh with the most cash during 2007/08 agricultural season.

10.0 POVERTY INDICATORS				Identification 																																							
10.1 HOUSE CONSTRUCTION Specify materials used in the construction of the following shemu zifuatazo		10.2 Household property Does your household own the following?, (Yes=1 No =2)		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Number</th> <th style="width: 60%;">Property</th> <th style="width: 30%;">Yes=1, No=2</th> </tr> <tr> <th></th> <th>(1)</th> <th>(2)</th> </tr> </thead> <tbody> <tr> <td>10.2.1</td> <td>Radio (Radio, Radio Cassette, music system)</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.2</td> <td>Land line</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.3</td> <td>Celkl phone</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.4</td> <td>Iron</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.5</td> <td>Trolley</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.6</td> <td>Bycicle</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.7</td> <td>Vehicle</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.8</td> <td>TV/ Video</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.9</td> <td>Refrigerator</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.2.10</td> <td>Motorbike/vespa</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>		Number	Property	Yes=1, No=2		(1)	(2)	10.2.1	Radio (Radio, Radio Cassette, music system)	<input type="checkbox"/>	10.2.2	Land line	<input type="checkbox"/>	10.2.3	Celkl phone	<input type="checkbox"/>	10.2.4	Iron	<input type="checkbox"/>	10.2.5	Trolley	<input type="checkbox"/>	10.2.6	Bycicle	<input type="checkbox"/>	10.2.7	Vehicle	<input type="checkbox"/>	10.2.8	TV/ Video	<input type="checkbox"/>	10.2.9	Refrigerator	<input type="checkbox"/>	10.2.10	Motorbike/vespa	<input type="checkbox"/>		
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10.3 Energy use and availability in the household		10.4 Availability of drinking water																																									
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10.5.1 What type of toilet does your household use? <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%;">10.6.1 How many meals does your household usually get per day ?</td> <td style="width: 20%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.6.2 How days did the household eat meat last week?</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.6.3 How days did the household eat fish last week?</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>10.6.4 How many times did the household experience food shortages last year?</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>		10.6.1 How many meals does your household usually get per day ?	<input type="checkbox"/>	10.6.2 How days did the household eat meat last week?	<input type="checkbox"/>	10.6.3 How days did the household eat fish last week?	<input type="checkbox"/>	10.6.4 How many times did the household experience food shortages last year?	<input type="checkbox"/>																																
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Average/maximum yields per area

Use this table to compare the yields calculated in Sections 5.1, 5.2 and 5.3.

These stats are strictly to be used as a guide for the purpose of assisting to get the correct area and yields for each crop.

	Name of Crop	Kilogram/ha		Kilogram/acre			Name of Crop	Kilogram/ha		Kilogram/acre	
		Average	Max	Average	Max			Average	Max	Average	Max
11	Maize	1,150	6,250	466	2,530	86	Cabbage	20,000	50,000	8,097	20,243
12	Paddy	700	4,000	283	1,619	87	Tomatoes	25,000	60,000	10,121	24,291
13	Sorghum	750	3,500	304	1,417	88	Spinach	15,000	17,000	6,073	6,883
14	Bulrush Millet	350	3,000	142	1,215	89	Carrot	25,000	30,000	10,121	12,146
15	Funger Millet	300	2,500	121	1,012	90	Pepper	3,500		1,417	0
16	Wheat	1,150	4,500	466	1,822	91	Amaranthus	20,000	40,000	8,097	16,194
17	Barley	1,400	1,800	567	729	92	Pumpkin	35,000	40,000	14,170	16,194
16	Cassava	3,000	7,000	1,215	2,834	93	Cucumber	5,000	10,000	2,024	4,049
17	Sweet potatoes	600	8,000	243	3,239	94	Egg plant	30,000	60,000	12,146	24,291
18	Irish potatoes	750	8,500	304	3,441	95	Water melon	10,000	20,000	4,049	8,097
19	Yams	4,000	10,000	466	1,822	96	Caouliflower	17,000	20,000	8,097	16,194
25	Coco yams	2,500	5,000	567	729	52	Cotton	800	25,000	14,170	16,194
26	Onions	30,000	50,000	1,215	2,834	54	Coffee	500	100	2,024	4,049
27	Ginger	20,000	30,000	243	3,239	55	Tea	2,500	10,000	12,146	24,291
31	Maharz Beans	400	1,300	304	3,441	56	Cocoa	150	1,000	4,049	8,097
32	Cow peas	300	1,750	121	709	57	Rubber	400	1,400	6,883	8,097
33	Green gram	1,500	1,800	1,012	2,024	58	Wattle			324	10,121
34	Pigeon peas	600	1,500	243	607	59	Kapok			0	0
35	Chick peas	500	1,500	202	607	60	Sugar cane	60,000	150,000	24,291	60,729
36	Bambara nuts	600	4,000	243	1,619	61	Cardamon	3,000		1,215	0
41	Sun flower	600	1,700	243	688	71	Banana	10,000	50,000	4,049	20,243
42	Simsim	300	1,000	121	405	72	Avocado			0	0
43	Gound nuts	600	4,000	243	1,619	73	Mango	10,000	25,000	4,049	10,121
47	Soyabeans	1,300	2,500	526	1,012	74	Pawpaw	50,000	70,000	20,243	28,340
48	Caster seeds	300	750	121	304	76	Orrage	15,000	40,000	6,073	16,194
75	Pineapple	25,000	60,000	10,121	24,291	77	Grape fruit	30,000	50,000	12,146	20,243
50	Cotton	300	1,500	121	607	78	Grapes	5,000	30,000	2,024	12,146
51	Tobacco	500	1,500	202	607	79	Mandarin	15,000	40,000	6,073	16,194
53	Pyrethrum			0	0	80	Quava	7,000	35,000	2,834	14,170
62	Jute	800	3,500	324	1,417	81	Plums			0	0
44	Palm oil	1,150	5,000	466	2,024	82	Tufaha		20,000	0	8,097
45	Cononut	1,500	8,000	607	3,239	83	Pea	15,000	27,000	6,073	10,931
46	Cashw nut	9	60/tree	4	24	84	Pitches	14,000	57,000	5,668	23,077
						66	Clove	4,500	5,000	1,772	1,969
							Black pepper	2,000	3,750		
							Mung'unye				
							Ocra	1,000	1,500		

Appendix IIIb: Community Questionnaire

United Republic of Tanzania			CONFIDENTIAL						
 Village/Community Level Formats Access to and Use of Community Resources Farm Gate Prices of commodities produced by the village									
 Agricultural Sample Census 2007/2008		NUMBER OF FARMERS HH IN THE VILLAGE <i>To be filled by the enumerator after completing form ACLF2</i> <table border="1" style="width: 100%; height: 20px;"> <tr><td></td></tr> </table> NUMBER OF HH MEMBERS <i>To be filled by the enumerator after completing form ACLF2</i> <table border="1" style="width: 100%; height: 20px;"> <tr><td></td></tr> </table>							
Region	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	Ward	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>						
District	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	Village	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>						
Enumerator Name _____ Signature _____ Date of Enumeration <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">d</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">d</div> <div style="margin: 0 5px;">/</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">m</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">m</div> <div style="margin: 0 5px;">/</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">y</div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">y</div> </div> <div style="margin-left: 20px;"> Start Time End Time </div>		<table border="1" style="width: 100%; text-align: center;"> <tr> <th>Hour</th> <th>Minutes</th> </tr> <tr> <td><div style="border: 1px solid black; width: 30px; height: 30px;"></div></td> <td><div style="border: 1px solid black; width: 30px; height: 30px;"></div></td> </tr> <tr> <td><div style="border: 1px solid black; width: 30px; height: 30px;"></div></td> <td><div style="border: 1px solid black; width: 30px; height: 30px;"></div></td> </tr> </table>		Hour	Minutes	<div style="border: 1px solid black; width: 30px; height: 30px;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px;"></div>
Hour	Minutes								
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<div style="border: 1px solid black; width: 30px; height: 30px;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px;"></div>								
Field level checking by: District Supervisor Name _____ Signature _____ Date ____/____/____ Regional Supervisor Name _____ Signature _____ Date ____/____/____ National Supervisor Name _____ Signature _____ Date ____/____/____			<i>I To be filled by the supervisor ONLY after Field/farm level checking of the enumeration process. This should be countersigned by the Supervisor in front of the enumerator</i>						
District checking in Office District Supervisor Name _____ Signature _____ Date ____/____/____									
For Use at Regional Level Only Data entered by: Name _____ Signature _____ Date ____/____/____ Queried Name _____ Signature _____ Date ____/____/____			<i>See the back page for details of queries</i>						
Ministry of Agriculture and Food Security, Ministry of Livestock and Fisheries Development, Ministry of Agriculture and Environment of Zanzibar, Ministry of Water and Irrigation, Prime Ministers' Office Regional Administration and Local Government, Ministry of Industry Trade and Marketing, National Bureau of Statistics, and the Office of the Government Statistician General of Revolution Government of Zanzibar									

Definitions and working page for page 3

Question Specific Definitions:

Obtain answers to the following questions from the meeting between the enumerator and influential farmers in the village. Influential people can be Village Chairman, Village Government Executive Officer, Councillor, Ward Chairman, Extension Officer in the village or any other person in the village and who is well informed about village matters. It is important to not that these questions must be asked in groups (of more than one people) to obtain answers discussed and approved by many people.

Definitions of some specific terms

Access to community resources. Section 1.0

Community Resources: Resources in which the hh members have no individual claim to and which are shared together by all the village

Community Land: The area officiall demarcated by the village as shared/public land.

Squatting farmers Land: Communal land where individual hhs make sole claim to (for crop farming or fenced livestock) without official rights to ownership.

Available remaining Land: Official area of communal land minus areas of squatting farmers.

Government Land Reserve: Area set aside by the government as national reserve

Community tree planting scheme(Section 14.3)

Community Forest: A forest planted on the communal land which is planted, replanted or spt planted by the members of the village.

Plant Planting: An area designated by the village for planting a block of trees.

Spot Planted: Replanting an area where selective logging has been carried out. A tree is planted to replace the one that has been cut

Indigeous Trees: Trees that are native to Tanzania

Exotic Trees: Trees that are not native to Tanzania

Non Government Organisation: Is managed by people from outside the village and it normally covers more than one village/District/Region. Its function is to provide deveoopment assistance to the farmer and is free from direct government links.

Village level organization: is managed by members of the village. Its purpose is normally to access/provide development assistance to the village

ACCESS TO COMMUNAL RESOURCES




1 ACCESS TO COMMUNITY RESOURCES									
1.1 Does the village set aside an area for communal resources e.g. forest, grazing, etc. (Yes =1 No =2) <input type="checkbox"/>									
<i>(If the answer is no proceed to 1.2)</i>									
Are of Community, Village, Ward resources					Area in acre				
1.1.1 Total area of communal land					Official figures from the leader				
1.1.2 Area of squatting farmers in communal land					Key informant (Leader/Extension officer etc.)				
1.1.3 Remaining available communal land					Key informant (Leader/Extension officer etc.)				
1.1.4 Government reserve land					Key informant (Leader/Extension officer etc.)				
1.2 UPATIKANAJI NA MATUMIZI YA MALIASILI ZA JUMUIYA/KIJIJI/SHEHIA									
Community Resources		Distance from the resource in Km -season		Main Use		Instructions on distance from the resource (Cols 2 and 3): Distance is estimated from the centre of the village. If under 1 km 1, enter 0 If above 1 km 1 enter whole number, e.g. 1.5km= 2km, 1.25km= 1km Main uses (Col. 4) Home or farm livestock consumption...1 Sold to traders in the village.....2 Sold to the village market.....3 Sold to local wholesalers.....4 Sold to Big wholesalers.....5 Not available.....6			
		Dry (2)		Rainy (3)					
1.2.1 Water for human consumption									
1.2.2 Water for livestock									
1.2.3 Communal grazing land									
1.2.4 Communal firewood									
1.2.5 Wood for charcoal burning									
1.2.6 Wood for building poles									
1.2.7 Forest for bee keeping (honey)									
1.2.8 Hunting									
1.2.9 Fishing									
2.0 COMMUNITY PLANTED TREES									
2.1 Did your village have community planted trees during 2007/08 agriculture year? (Yes=1, No=2) <input type="checkbox"/>									
<i>If the answer is no proceed to Section 3.0</i>									
Details of the community tree planting scheme									
No.	Distance from the community forest	Forest Area (acre)	Type of Planting	Type of Trees	Source of seeds/ Seedlings	Number of Years since the start of planting	Main uses 2007/08 agriculture year	Main uses of communal forest products	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
2.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Type of planting (Col. 3) P/Olantion planting.....1 Spot planting.....2 Type of trees (Col. 4) Indigenous trees.....1 Exotic tree.....2 Both types.....3		Source of seedlings (Col. 5) Seeds collection and planting.....1 Village Nursery.....2 Department of Forestry.....3 Private Individuals.....4			Main Uses (Col. 7) Poles.....1 Wood.....2 Charcoal.....3 Firewood.....4 Other (Specify).....R		Main use of revenue (Col.8) Village development fund.1 Household use.....2 Household income.....3		
3.0 Non governmental Organisation (NGOs) Contact									
3.1 Did any NGO visit the village during 2007/08 agriculture year? (Yes=1, No=2) (If no proceed to Section 4) <input type="checkbox"/>									
No.	Type of NGO	Visited Y=1, N=2	Number of visits	Distance to the Office (km)		No.	4.0 Community Based Organisation		
3.2	Extension/ Research	<input type="text"/>	<input type="text"/>	<input type="text"/>		4.1	Did the village have any CBO during the 2007/08 agriculture year? (Yes=1, No=2) <input type="checkbox"/>		
3.3	Service /Input provision	<input type="text"/>	<input type="text"/>	<input type="text"/>		4.2	Type of CBO Nd=1, Hap=2 <input type="text"/>		
3.4	Community Development	<input type="text"/>	<input type="text"/>	<input type="text"/>		4.3	Extension/ Research <input type="text"/>		
3.5	Other	<input type="text"/>	<input type="text"/>	<input type="text"/>		4.4	Service /Input provision <input type="text"/>		
					4.5 Community Development <input type="text"/>				
					Other <input type="text"/>				
5.1 Did the village have Field farm schools during 2007/08, agriculture year? (Yes=1, No=2) <input type="checkbox"/>					5.2 Did the village participate in any research on crops/ improved livestock during the village during 2007/08 agriculture year? (Yes=1, No=2) <input type="checkbox"/>				
5.3 Did the village have local ironsmiths during 2007/08 agriculture year? (Yes=1, No=2) (If the answer is 2 proceed to q. 5.5) <input type="checkbox"/>					5.4 Did the village have any training centres on draft animals during 2007/08 agriculture year? (Yes=1, No=2) If number 2 is the answer conclude the enumeration. <input type="text"/>				
5.4 Number of local ironsmiths <input type="text"/>					5.6 Number of training centres for draft animals <input type="text"/>				

Procedure: Administer this from after completing all smallholder questionnaires for the village.

- Procedure:** Administer this form after completing all smallholder questionnaires for the village.
1. Copy the name of all crops from Sections 5.1, 5.2 and 5.3 grown in the village from smallholder questionnaires. This should also include livestock raised by the household from questions 9.1, 9.3, 9.4 and 9.5 and enter them in column 1 of this form. Also see codes for livestock below.
 2. Enter price estimates per kg in column 5 and 6.

L


APPENIDX III c: Village Listing Forms



UNITED REPUBLIC OF TANZANIA		CONFIDENTIAL		
ACLF 1 	 Agriculture Sample Census 2007/08	Page Number out of 		
Sub-village /ward leader listing from				
Region _____ Code <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>	Ward _____ Code <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>			
District _____ Code <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>	Village _____ Code <table border="1" style="display: inline-table; width: 40px; height: 20px; vertical-align: middle;"></table>			
Sub village leader Number	Name of Ward village leader	Number of Households Form Office Register After enumeration		Comments
(1)	(2)	(3)	(4)	(5)
<table border="1" style="width: 40px; height: 20px;"></table>		<table border="1" style="width: 40px; height: 20px;"></table>	<table border="1" style="width: 40px; height: 20px;"></table>	
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Agriculture Sample Census 2007/08

Household listing from-for listing hh heads and agriculture activities

Region _____ Code _____
 District _____ Code _____
 Ward _____ Code _____
 Village _____ Code _____

Name of sub village leader _____
 Name of sub village _____

Household number (1)	Household head name (2)	Fields a (3)	Number of								If the Respondent Qualifies X (13)	Farmer Serial Number (14)	
			Cattle				Goats (8)	Sheep (9)	Pigs (10)	Kuku/Bata/ (11)			Rabbit (12)
			Total (4)	Bulls (5)	Cows (6)	Calves (7)							

Tanzania Agriculture Sample Census - 2007/08