

ACQ 1



United Republic of Tanzania

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2019/20

SMALL SCALE FARMERS QUESTIONNAIRE

(This information is collected under the Statistics Act, [Cap 351 R.E 2019])

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Executed by the Ministry of Agriculture; Ministry of Livestock and Fisheries; President's Office, Regional Administration and Local Governments; Ministry of Industries and Trade; Ministry of Agriculture, Natural resources, Livestock and Fisheries, Zanzibar; the National Bureau of Statistics and the Office of the Chief Government Statistician, Zanzibar



SECTION 1: IDENTIFICATION DETAILS

HH GPS coordinates

Y(S)									
X(E)									

CODE

NAME

1. REGION

--	--

2. DISTRICT

--	--

3. WARD/SHEHA

--	--	--

4. VILLAGE/MTAA

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5. ENUMERATION AREA

--	--	--

6. HH NUMBER & NAME OF HH HEAD

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7. NAME OF LOCAL LEADER/SHEHA

8. PHONE No.OF LOCAL LEADER/SHEHA

9. NAME OF ENUMERATOR

10. ENUMERATOR

11. DATE OF INTERVIEW

...../...../.....

12. DID THE HOUSEHOLD AGREE TO BE INTERVIEWED? YES.....1 No.....2

☐

Table of Contents

S/N	Topic	Page Number
1	Identifications details	1
2	Activities of the Household	1
3	Household Information	2
4	Land Access/Ownership/Tenure	3
5	Land Use	3
6	Conservational Farming	3
7	Access and use of Resources	3
8	Annual and Permanent Crops Production	4
8.1	Annual Crop and Vegetable Production - Short Rainy Season	4
8.2	Annual Crop and Vegetable Production - Long Rainy Season	6
8.3	Permanent/Perennial Crops and Fruit Tree Production	8
9	Main use of Crop Residuals	10
10	Agroprocessing	10
11	Crop Storage	11
12	On Farm Investments	12
12.1	Farm Implements	12
12.2	Use of Tractors and Draft Animals	12
12.3	Use of Organic Fertilizer	12
12.4	Access to Farm Inputs	12
12.5	Irrigation Practice	12
12.6	Soil Erosion	13
13	Access and use of Credit for Agricultural purposes	13
14	Crop Extension Services	13
	Livestock Production and Products	14
15	Cattle	14
15.2	Cattle Population	14
15.3	Cattle Intake	14
15.4	Cattle Offtake	14
15.5	Cattle Diseases	14
15.6	Cattle Identification	14
15.7	Milk Production	14
16	Goat	15
16.2	Goat Population	15
16.3	Goat Intake	15
16.4	Goat Offtake	15
16.5	Goat Diseases	15
16.6	Milk Production	15
17	Sheep	16
17.2	Sheep Population	16
17.3	Sheep Intake	16
17.4	Sheep Offtake	16
17.5	Sheep Diseases	16

S/N	Topic	Page Number
18	Pigs	17
	18.2 Pig Population	17
	18.3 Pig Intake	17
	18.4 Pig Offtake	17
	18.5 Pig Diseases/Pests/Condition	17
19.0	Poultry	18
	19.1 Poultry Population	18
	19.2 Poultry Diseases	18
20.0	Other Livestock	18
	20.1 Other Livestock Population	18
	20.2 Other Livestock Product	18
21.0	Outlet for Sales of Livestock	18
22.0	Livestock Structures/Accessories	18
23.0	Livestock Pest & Parasite Control	19
24.0	Livestock Extension	19
25.0	Livestock Extension Service Providers	19
26.0	Government Regulatory Challenges	19
27.0	Fish Farming	20
28.0	Bee Keeping	20
29.0	Labour Use	21
30.0	Subsistence vs Non-Subsistence	21
31.0	Access to infrastructure and other Services	21
32.0	Agricultural Constraints	22
33.0	Market Information	22
34.0	Poverty Indicators at household Level	23
	34.1 House construction	23
	34.2 House assets	23
	34.3 Energy use by household	23
	34.4 Access to drinking water	23
	34.5 Access to toilet facilities	23
	34.6 Food consumption patterns	23
	34.7 Source of household income	23
35.0	Result of the interview	24

2.0	AGRICULTURAL ACTIVITIES OF THE HOUSEHOLD	
2.1	What type of agricultural activity does this household practice?	<input type="text"/>
<div><p><u>Codes (2.1)</u></p><p><i>Crops only.....1</i></p><p><i>Livestock only .....2</i></p><p><i>Fish farming .....3</i></p><p><i>Pastoralist.....4</i></p><p><i>Crops and Livestock .....5</i></p></div>		

3.0 HOUSEHOLD INFORMATION																	
3.1 GIVE DETAILS OF PERSONAL PARTICULARS OF ALL HOUSEHOLD MEMBERS BEGINNING WITH THE HEAD OF HOUSEHOLD																	
S/N	Please give the names of the persons who usually live in your household starting with the head of the household	What is the relationship of (NAME) to the head of the household ?	Is (NAME) male or female? (M=1, F=2)	How old is (NAME) ? (IF AGE IS 97 OR ABOVE THEN WRITE 97, BELOW ONE YEAR WRITE 00)	BELOW 18 YEARS		5 YEARS AND ABOVE					18 YEARS AND ABOVE					
					Survival of Parents		Read & Write	Schooling Status	Education Level	Involvement into Farming	Main activity	Involved in value addition	Land ownership	Title deed possession	Type of tenure	Membership	Off-farm Income
					Is (NAME)'s biological mother alive?	Is (NAME)'s biological father alive?	Does (NAME) know how to read and write in english or kiswahili or both?	What is the schooling status of (NAME)?	What is the highest level of school (NAME) has reached?	How involved is (NAME) in farming activities ?	What is the main activity of (NAME) ?	Is (NAME) involved in value addition?(Yes=1, No=2, not applicable=9)	Does (NAME) own any piece of agricultural land ?(Yes=1, No=2)	Does (NAME) have a Title deed of the agricultural land ? (Yes=1, No=2)	What Type of Tenure does [NAME] have on the agricultural land?	Is (NAME) a member of co-operative or farmers organization or both?	Does (NAME) generates any off-farm income? (Yes=1 No=2)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
3.1.1																	
3.1.2																	
3.1.3																	
3.1.4																	
3.1.5																	
3.1.6																	
3.1.7																	
3.1.8																	
3.1.9																	
3.1.10																	
3.1.11																	
3.1.12																	
3.1.13																	
3.1.14																	
3.1.15																	
3.1.16																	

Relation to head (Col 2)
Head of household1
Spouse2
Son/daughter3
Father/Mother4
Grandson/granddaughter...5
Other Relative6
Not Related8

Read & Write (Col 7)
Swahili1
English2
Swahili & English3
Any other language4
Don't Read/ Write5

Education Status (Col 8)
Attending School1
Dropped out.....2
Completed3
Never attended School ...4

Survival of Parents (Col 5 & 6)
Yes1
No2
Don't know3

Education Level Reached (Col 9)
Primary Education
Under Standard One00
Standard One01
Standard Two02
Standard Three03
Standard Four04
Standard Five05
Standard Six06
Standard Seven07
Standard Eight08
Training after Primary09
Pre Form One10
Secondary Education
Form one11
Form two12
Form three13
Form four14
Form five15
Form six16
Training after Secondary Education17
University & other tertiary Education18
Adult Education19
Not applicable99

Involvement in farming activities (Col 10)
Works full time on farm1
Works part-time on farm2
Rarely works on farm3
Never works on farm.....4

Main activity (Col 11)
Crop Farming01
Livestock Keeping/Herding....02
Livestock Pastoralism.....03
Fishing04
Paid employment:
- Government/parastatal05
- Private- NGO/mission/etc ...06
Self employed (non farming)
- with employees07
- without employees08
Unpaid family helper (non agriculture)09
Not working & available.....10
Not working & unavailable.....11
Housemaker/housewife12
Student13
Unable to work /too old/ Retired/sick/disabled).....14
Fish farming.....15
Agro processing.....16
Bee keeping.....17
Seaweed farming.....18

Membership(Col 16)
Yes, Cooperative1
Yes, Farmers Organisation.....2
Yes, Both3
No.....4
Not applicable.....9

Type of Tenure (Col 15)
Customary Right of Occupancy with certificate of customary right of occupancy.....1
Customary Right of Occupancy without certificate of customary right of occupancy2
Granted Right of Occupancy (with title deed)

4.0	LAND ACCESS/OWNERSHIP/TENURE				
4.1	Details of land "owned" by the household in the 2019/20 agriculture year. Give area reported by the respondent in "acres".				
		Area in Acres			
4.1.1	Land Leased/Certificate of ownership	<input type="text"/>	<input type="text"/>	4.2	Was total land mentioned (Qs 4.1) available to the household used during agriculture year 2019/20 (Yes=1, No=2) <input type="text"/>
4.1.2	Land owned under Customary Law	<input type="text"/>	<input type="text"/>		
4.1.3	Land Bought from others	<input type="text"/>	<input type="text"/>		
4.1.4	Land Rented from others	<input type="text"/>	<input type="text"/>	4.3	Do you consider to have sufficient agricultural land for your household (Yes=1, No=2) <input type="text"/>
4.1.5	Land Borrowed from others	<input type="text"/>	<input type="text"/>		
4.1.6	Land Share -cropped from others	<input type="text"/>	<input type="text"/>		
4.1.7	Land under Other forms of tenure.....	<input type="text"/>	<input type="text"/>	4.4	Do any female members of your household have right to agricultural land (Yes=1, No=2) <input type="text"/>
4.1.8	Total Land	<input type="text"/>	<input type="text"/>		
					4.5 From land mentioned (Qs 4.1) in what Region and District is the majority of Agricultural production? Region <input type="text"/> <input type="text"/> District <input type="text"/> <input type="text"/>
5.0	LAND USE				
5.1	Area operated by household under different forms of land use during 2019/20 agriculture year. Give area reported by the respondent in "acres".				
		Area in Acres			
5.1.1	Area under Temporary Mono-crops	<input type="text"/>	<input type="text"/>		
5.1.2	Area under Temporary Mixed crops (eg Maize & beans)	<input type="text"/>	<input type="text"/>		
5.1.3	Area under Permanent Mono-crops	<input type="text"/>	<input type="text"/>		
5.1.4	Area under Permanent Mixed crops (eg bananas, coffee & trees)	<input type="text"/>	<input type="text"/>		
5.1.5	Area under Permanent/temporary mix (eg bananas & maize)	<input type="text"/>	<input type="text"/>		
5.1.6	Area under Fish farming	<input type="text"/>	<input type="text"/>		
5.1.7	Area under Pasture	<input type="text"/>	<input type="text"/>		
5.1.8	Area under Fallow	<input type="text"/>	<input type="text"/>		
5.1.9	Area under Natural Bush	<input type="text"/>	<input type="text"/>		
5.1.10	Area under Planted Trees	<input type="text"/>	<input type="text"/>		
5.1.11	Area Rented to others	<input type="text"/>	<input type="text"/>		
5.1.12	Area Unusable	<input type="text"/>	<input type="text"/>		
5.1.13	Area of Uncultivated Usable land (excluding fallow)	<input type="text"/>	<input type="text"/>		
5.1.14	Total area	<input type="text"/>	<input type="text"/>		

6.0	CONSERVATIONAL FARMING					
6.1	Did this household practiced Conservation Farming during 2019/20 agricultural year? (Yes=1, No=2) <input type="checkbox"/>					
(If No go to section 7.0)						
6.2	Which method was used by this household for Conservational Farming?					
	S/N.	Methods			Yes=1, No=2	
	6.2.1	Contour farming (for sloped lands)			<input type="checkbox"/>	
	6.2.2	Planting of legumes and other soil conserving plants			<input type="checkbox"/>	
	6.2.3	Intense use of organic fertilizer over inorganic fertilizers			<input type="checkbox"/>	
	6.2.4	Covering soil with grasses/leaves			<input type="checkbox"/>	
	6.2.5	Fallowing			<input type="checkbox"/>	
	6.2.6	Other (specify)			<input type="checkbox"/>	
7.0	ACCESS AND USE OF RESOURCES					
7.1	In the following table indicate the distance from different fields used by the household to the following services					
	S/N	Field Number	Distance (in kilometres) from field to:			Distance codes less than 100m .....1 between 2 and less than 3km ....6 between 100 and less than 300m .....2 between 3 and less than 5km .....7
			Homestead	Nearest road	Nearest Market	
	7.1.1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.1.2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.1.3	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2	In the following table indicate the distance and use of the communal resources from household					
	S/N	Communal Resource	Distance to resource (km)		Main hh use	Instructions for distance to resource (Col 2 and 3): If under 1km, write 0 If above 1km round to whole numbers eg 1.50km= 2km, 1.25km= 1km If not applicable, write 999 Main hh use (Col 4) Home or farm Consumption/utilisation ....1 Sold to Neighbours.....2 Sold to trader on the farm.....3 Sold to village market .....4 Sold to wholesale at local market.....5 Sold to wholesale at major market.....6 Not used by household.....7 Not available .....8
			dry season	wet season		
		(1)	(2)	(3)	(4)	
	7.2.1	Water for domestic use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.2	Water for livestock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.3	Communal Grazing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.4	Communal Firewood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.5	Building poles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.6	Forest for bees (honey)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.7	Area for Hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	7.2.8	Area for Fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

[illegible]

[illegible]

S.1ANNUAL CROP (...CONTINUES)

Field

Total Field Area (acres)

Plot

Annual Crop Name

Did you use Herbicides for this (CROP)?
Yes = 1, No =2 -> 26

Area Applied with herbicides

Quantity

Unit

Quantity used

Cost

TZS

Did you use fungicides for this (CROP)?
Yes = 1, No =2 -> 31

Area Applied with fungicides

Quantity

Unit

Quantity used

Cost (TZs)

Did you use insecticides (Pesticides) for this (CROP)?
Yes = 1, No =2 -> 36

Area Applied with insecticides

Quantity

Unit

Quantity used

Cost (TZs)

Any other Costs (if no cost write 00) (CHECK IF COL 9a =>b-> COL 41)

Did you sell the harvested crop? (Yes = 1, No =2) if 2 go to Col 40

Quantity sold (kgs)

Average Price/Kg (TZs/Kg) > 41

Reason for not selling

Marketing Challenge

(1)

(2)

(3)

(4)

(21)

(22)

(23)

(24)

(25)

(26)

(27)

(28)

(29)

(30)

(31)

(32)

(33)

(34)

(35)

(36)

(37)

(38)

(39)

(40)

(41)

Market challenges (Col 41)

Low market price.....01

No transport.....02

Transport cost too high.....03

No buyers.....04

Harvest too far.....05

Former association problems.....06

Not Applicable.....09

Cooperative Problems.....07

Trade Union problems.....08

Government regulatory board problems.....09

Lack of market information.....10

Production restricted to sell.....11

Household consumption.....12

Other specify.....98

Reasons for not selling crops (Col 40)

Low market price.....1

Household consumption.....2

Other (specify).....98

Not Applicable.....99

8.2 ANNUAL CROP AND VEGETABLE PRODUCTION (...CONTINUES)																			
8.2.1 For each crop planted during 2019/20 Long Rainy season provide the following information																			
Field	Total Field Area (acres)	Plot	Annual Crop Name	INPUT USE										Any other Costs (if no cost write 00) (CHECK IF COL. 9a =0-> COL. 41)	Marketing & Challenges				
				Fungicides Use				Insecticides Use							Did you sell the harvested crop? (Yes = 1, No =2) if 2 go to Col 40	Quantity sold (kgs)	Average Price/Kg (Tzs/Kg)	Reason for not selling	Marketing Challenge
				Did you use fungicides for this [CROP]? Yes = 1, No =2 > 31	Area Applied with fungicides (Acres)	Quantity		Cost (Tzs)	Did you use insecticides for this [CROP]? Yes = 1, No =2 > 36	Area Applied with insecticides (Acres)	Quantity		Cost (Tzs)						
(1)	(2)	(3)	(4)	(26)	(27)	28	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	38	39	40	41
			<input type="checkbox"/>	<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="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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8.3	PERMANENT/PERENNIAL CROPS AND FRUIT TREE PRODUCTION																						
8.3.1	Does your household have any permanent/perennial crops or fruit trees? (Yes=1, No=2) If NO, go to section 9.0																						
8.3.2	For each of the permanent crops and fruit trees owned by the household during 2019/20 provide the following information																						
Field	Total Area Field (acres)	Plot	Crop Name	Crop Code	Size of production unit		Was this (CROP) irrigated in 2019/20 Agriculture year? Yes = 1, No =2 > 9(a)	Irrigation Use				Area harvested (acres) (IF NOT HARVESTED WRITE 00 > Column 9(g))	Quantity harvested	Harvesting						Storage & Transport costs			
					MONOCROP	MIXED CROP		Area Irrigated (Acres)	Main Source of Water for Irrigation	Method of Irrigation	Cost of Irrigation			Bags.....1 Bunch.....2 Tins/Bucket.....3 Number.....4 Kg.....5	Kg/unit	Total Kgs	Harvesting Cost (TZS)	Reasons for not harvesting (give reason then ->next crop)	Quantity Stored (kg)	Main method of Storage	Number of Matured trees		
					Area of Plants/trees in MONO CROP (acres)	Area covered by Permanent Crop in a MIXED CROP (acre)																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	8(a)	8(b)	8(c)	8(d)	8(e)	9(a)	9(b)	9(c)	9(d)	9(e)	9(f)	9(g)	10(a)	10(b)	10(c)		
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			<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>											

[illegible]

Low market price01	Cooperative Problems07
No transport02	Trade Union problems08
Transport cost too high	.....03	Government Regulatory board problems	.....09
No buyer	.....04	Lack of market information	.....10
Market too far	.....05	Production insufficient to sell	.....11
Farmer association problems	.....06	Other (specify)	.....98
Not Applicable	.....99		

9.0 MAIN USE OF CROP RESIDUE											
9.1 Did you use residues from any of your crops during the 2019/20 agricultural year? (Yes=1, No=2) <input type="checkbox"/>											
If the response is ' NO ' go to section 10.0											
9.2 List the main crops with residues and provide the following details:											
S/N	Crop name	Crop Code	Name of crop residues	crop residues code	Mainly used for	Quantity of Crop residues Produced	Unit	Kg/unit	Total quantity of crop residues produced (kg)	Quantity sold (kg) IF NOT SOLD, FILL "00000" THEN SKIP TO	Price per unit (Tzs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
9.2.1											
9.2.2											
9.2.3											
9.2.4											
9.2.5											
9.2.6											

Name of Crop Residues (Col 3)

Green leaves & Stem 1
 Straw, dry stems 2
 Root, tuber, 3
 Fruit 4
 Other (specify) 5

Mainly used for (Col 5)

Feeding to livestock 1
 Building material 2
 Fuel for cooking 3
 Other (specify) 4

Unit (Col 7)

Loose Bunch 1
 Compressed bunch/Bale 2
 Tin 3
 Bucket 4
 Other (specify) 5

10.0 AGROPROCESSING																	
10.1 Did the household process any of the crops harvested on the farm during 2019/20 (Yes=1, No=2) <input type="checkbox"/>																	
If the response is ' NO ' go to section 11.0																	
10.2 List the main crops processed and provide the following details:																	
S/N	Crop name	Crop code	where Processed	Name of the Main Product	Use of the main product	Quantity of Main Product	Unit	KG or Lt/unit	Main type of packaging	Quantity Sold (If)	Where sold	By-product code IF CODE IS 99, GO TO NEXT CROP	Use of By Product	Unit	Quantity of by product	KG or Lt/Unit	Quantity Sold
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
10.2.1																	
10.2.2																	
10.2.3																	
10.2.4																	
10.2.5																	
10.2.6																	

Processed (Col 3)

On farm by hand 1
 On farm by machine 2
 By neighbours machine 3
 By farmers association 4
 By Cooperative union 5
 By trader 6
 On Large scale farm 7
 By factory 8
 Other (specify) 9

Main type of packaging (Col 9)

Leno bags 1
 Sacks 2
 Box 3
 Hermetic bags 4
 Plastic containers 5
 Bottles 6

Main product code (Col 4)

Flourmeal 1
 Grain 2
 Oil 3
 Juice 4
 Fiber 5
 Pulp 6
 Sheet 7
 Other (specify) 8

Used for (Col 5 & 13)

Household consumption 1
 Fuel for cooking 2
 Sale 3
 Animal consumption 4
 Did not use 5
 Other (specify) 6

When sold (Col 11)

Neighbour 1
 Local market/trade store 2
 Secondary Market 3
 Marketing Cooperative 4
 Farmers Association 5
 Large scale firm 6
 Trader at farm 7
 Did not sell 8
 Other (specify) 9

By-product code (Col 12)

Bran 01
 Cane 02
 Husk 03
 Juice 04
 Fiber 05
 Pulp 06
 Oil 07
 Shell 08
 Other (specify) 99
 Not applicable 99

Unit (Col 7 & 14)

Loose bunch 1
 Compressed bundle 2
 Tin 3
 Bucket 4
 Kg 5
 litre 6
 Bag 7
 Other (specify) 8

11.0	CROP STORAGE						
11.1	Do you currently have any crops in storage ? (Yes =1, No=2) <input type="text"/> If the response is ' NO ' go to section 12.0						
11.2	For each of the listed crops provide the following details on storage						
S/N	Crop Name	Stored Yes = 1 No = 2, If 2 go next crop	Current Quantity Stored (kg)	Main storage structur e	Duration of storage	Main Purpose of Storage	Estimate Storage loss
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
11.2.1	Maize	<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"/>
11.2.2	Paddy	<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"/>
11.2.3	Sorghum/Millet	<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"/>
11.2.4	Beans, peas, etc	<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"/>
11.2.5	Wheat	<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"/>
11.2.6	Cassava	<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"/>
11.2.7	Coffee	<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"/>
11.2.8	Cashewnut	<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"/>
11.2.9	Tobacco	<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"/>
11.2.10	Cotton	<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"/>
11.2.11	Groundnuts	<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"/>
11.2.12	Cloves	<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"/>

Main Storage Structure (Col 4)
 Locally made traditional structure...1
 Improved locally made structure2
 Private modern store.....3
 Airtight drum4
 In house storage.....5
 Community warehouse.....6
 Community warehouse
 (Warehouse Receipt
 System).....7

Duration of Storage (Col 5)
 Less than 3 months1
 Between 3 and 6 months2
 Over 6 months3

Main purpose of storage (Col 6)
 Food for the household1
 To sell for higher price2
 seed for planting.....3

Storage loss (Col 7)
 No loss1
 Up to 1/4 loss of the stored
 quantity.....2
 Above 1/4 up to 1/2 loss ...3
 Loss above 1/2.....4

12.0	ON-FARM INVESTMENT		
12.1	FARM IMPLEMENTS		
	Farm implements and assets used and/or owned by the household during 2019/20 agricultural year		
S/N	Equipment/Asset Name	Used Yes=1, No=2	Number Owned
	(1)	(2)	(3)
12.1.1	Panga/ Kisu/Jambia/Mundu/Nyengo/Shoka/Sululu/Mtaim	<input type="text"/>	<input type="text"/>
12.1.2	Hand Hoe	<input type="text"/>	<input type="text"/>
12.1.3	Hand Sprayer	<input type="text"/>	<input type="text"/>
12.1.4	Draft Animals	<input type="text"/>	<input type="text"/>
12.1.5	Ox Plough	<input type="text"/>	<input type="text"/>
12.1.6	Ox Seed Planter	<input type="text"/>	<input type="text"/>
12.1.7	Ox/ Donkey Cart	<input type="text"/>	<input type="text"/>
12.1.8	Tractor	<input type="text"/>	<input type="text"/>
12.1.9	Tractor Plough	<input type="text"/>	<input type="text"/>
12.1.10	Tractor Harrow	<input type="text"/>	<input type="text"/>
12.1.11	Shellers/threshers	<input type="text"/>	<input type="text"/>
12.1.12	Power Tiller	<input type="text"/>	<input type="text"/>
12.1.13	Ox Ridger	<input type="text"/>	<input type="text"/>
12.1.14	Water pumps	<input type="text"/>	<input type="text"/>
12.1.15	Sprinklers	<input type="text"/>	<input type="text"/>
12.1.16	Other (Specify)	<input type="text"/>	<input type="text"/>

12.2	USE OF TRACTORS AND DRAFT ANIMALS				
	Did you use Tractors/Draft animals to cultivate your land during 2019/20? (Yes=1, No=2) (If no, go to question 12.3)				
	<input type="text"/>				
S/N	Type	Number owned	Number used	Area Cultivated (Acres)	
	(1)	(2)	(3)	(4)	
12.2.1	Oxen	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.2.2	Bulls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.2.3	Cows	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.2.4	Donkeys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.2.5	Tractor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.2.6	Power Tiller	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12.3	APPLICATION OF ORGANIC FERTILIZER				
12.3.1	Did you apply organic fertiliser during 2019/20? (Yes=1, No=2) (If no, go to question 12.4)				<input type="text"/>
	Type of organic Fertiliser	Quantity used (kg)		Area applied (acres)	
	(1)	(2)		(3)	
12.3.2	Farm Yard Manure (FYM)	<input type="text"/>		<input type="text"/>	
12.3.3	Compost Manure	<input type="text"/>		<input type="text"/>	

12.4 ACCESS TO FARM INPUTS								
Give details of farm inputs used during the 2019/20 agricultural year								
S/N	Input name	Used, Yes=1 No=2; if No -> col 7	Source of input	Distance to Source	Source of finance	Quality of input	Reasons for not using	Plan to use next year Yes=1, No=2
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12.4.1	Chemical Fertiliser	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4.2	Farm Yard Manure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4.3	Compost Manure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4.4	Insecticide/fungicide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4.5	Herbicide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.4.6	Improved Seeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Source of input (Col 3)

Government01
 Local farmers group02
 Local market/Trade Store.....03
 Secondary Market04
 Development project05
 Crop buyers06
 Large scale farm07
 Locally produced by hh.....08
 Neighbour09
 Cooperative.....10
 Other (specify)98

Distance to source (Col 4)

Less than 1 Km1
 From 1 km to less than 3 km.....2
 From 3 km to less than 10 km.....3
 From 10 km to less than 20 km.....4
 20km & above5
 Within the hh6
 Not applicable 9

Source of finance (5)

Sales of farm products1
 Other Income generating activities.....2
 Remittances3
 Bank loan/credit4
 Own produced5
 Cooperative.....6
 Other (specify)8
 Not applicable9

Quality of input (6)

Excellent1
 Good2
 Average3
 Poor4
 Does not work5
 Not applicable9

Reason for not using (7)

Not available1
 Price too high2
 No money to buy.....3
 Too much labour required4
 Do not know how to use5
 Input is of no use6
 Locally produced by hh.....7
 Other (specify)8
 Not applicable9

12.5 IRRIGATION PRACTICE				
12.5.1	Does the household practice irrigation? (Yes=1, No=2) <input type="checkbox"/>			
If the response is 'NO' go to section 12.6				
S/N	Main source of water for irrigation	Main method of Irrigation	Potential Irrigatable Area (acres)	Area of irrigated Land agriculture year 2019/20(acres)
	(1)	(2)	(3)	(4)
12.5.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Source of water for irrigation (Col 1)

River1 Borehole5
 Lake2 Canal6
 Dam3 Tap Water7
 Well4 Other (Specify).....8

Method of Irrigation (Col 2)

Gravity1
 Hand bucket2
 Hand/ Legs pump.....3
 motor pump4
 Drip.....5
 Spinkler.....6
 Other (Specify)8

12.6 SOIL EROSION									
12.6.1 Did your household experience any soil erosion problem on the farming land during the 2019/20 agricultural year ? (Yes=1, No=2) <input type="text"/>									
12.6.2 Did your household practise any soil erosion control on the farm(s) during the 2019/20 agricultural year ? (Yes=1, No=2) <input type="text"/> If the response is 'NO' go to section 13.0									
S/N	Type of erosion control	Used Yes =1 No = 2 > NEXT TYPE	Number of structures	Year of construction		Type of erosion control	Yes=1 No=2 > NEXT TYPE	Number of Structures	Year of Construction
	(1)	(2)	(3)	(4)		(1)	(2)	(3)	(4)
12.6.3	Terraces	<input type="text"/>	<input type="text"/>	<input type="text"/>	→	12.6.7	Tree belts	<input type="text"/>	<input type="text"/>
12.6.4	Erosion control bunds	<input type="text"/>	<input type="text"/>	<input type="text"/>		12.6.8	Water harvesting bunds	<input type="text"/>	<input type="text"/>
12.6.5	Gabions/Sandbags	<input type="text"/>	<input type="text"/>	<input type="text"/>		12.6.9	Drainage ditches	<input type="text"/>	<input type="text"/>
12.6.6	Cover plants (e.g. Vetiver Grass)	<input type="text"/>	<input type="text"/>	<input type="text"/>		12.6.10	Other (Specify)	<input type="text"/>	<input type="text"/>
13.0 ACCESS AND USE OF CREDIT FOR AGRICULTURAL PURPOSES									
13.1 During the year 2019/20 did any of the household members borrow money for agriculture activities? (Yes = 1, No = 2) <input type="text"/> (if the response is 'NO' go to question 13.3)									
13.2 Give details of the credit obtained during the 2019/20 agricultural year ? (if the credit was provided in kind, for example by the provision of inputs, then estimate the value in 13.2.11)									
		Credit "a"		Credit "b"		Credit "c"			
	use codes to indicate source	<input type="text"/>		<input type="text"/>		<input type="text"/>			
	Provided to, Male = 1, Female 2	<input type="text"/>		<input type="text"/>		<input type="text"/>			
		Write Yes =1 or No =2 to indicate the use of the credit		Write Yes =1 or No =2 to indicate the use of the credit		Write Yes =1 or No =2 to indicate the use of the credit			
13.2.1	Labour	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.2	Seeds	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.3	Fertilisers	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.4	Agrochemicals	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.5	Tools/equipment	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.6	Irrigation structures	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.7	Fish farming	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.8	Bee keeping	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.9	Livestock	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.10	Other	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.11	Value of Credit (TZS)	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.12	Total value of repayment ((TZS)	<input type="text"/>		<input type="text"/>		<input type="text"/>			
13.2.13	Period of repayment (months)	<input type="text"/>		<input type="text"/>		<input type="text"/>			
Source of credit (13.2): Family, friend or relative.....1 Bank.....2 Cooperative .....3 Savings & credit Soc .....4 Trader/trade store .....5 Private individual .....6 NGO/Project .....7 Other (Specify).....8									
13.3 If the answer to question 13.1 above is 'NO' what is the main reason for not borrowing Credit? <input type="text"/>									
Reason for not borrowing(13.3) Not needed .....1 Not available .....2 Did not want to go into debt.....3 Interest rate/cost too high.....4 Did not know how to get credit.....5 Bureaucratic procedure .....6 Credit granted too late.....7 Dont know about credit .....8 Other (specify) .....9									

14.0 CROP EXTENSION SERVICES											
14.1 Did your household receive any extension advice for crop production during 2019/20 agriculture year? Yes = 1, No = 2 > Section 15											
S/N	Extension Advice	Received Advice? Yes = 1 No = 2 > next extension message	Source of Extension Advice	How was the advice for .....received?	Message adopted? (Yes=1, No=2)	S/N	Extension Advice	Received Advice Yes=1, No=2 > next extension message	Source of crop extension	How was the advice received?	Message adopted? (Yes=1, No=2)
	(1)	(2)	(3)	(4)	(5)		(1)	(2)	(3)	(4)	(5)
14.1.1	Spacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.8	Mechanisation/LST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.2	Use of agrochemicals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.9	Irrigation Technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.3	Erosion control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.10	Crop Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.4	Organic fertiliser use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.11	Vermin control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.5	Inorganic fertiliser use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.12	System of Rice Intensification (SRI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.6	Use of improved seed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.1.13	Intergrated Pests Management(IPM)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.1.7	Market information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Means of receiving extension advice (Col 4) Mobile phone .....1 Email.....2 Face to face with extension officer.....3 TV.....4 Radio.....5 Other (Specify) .....8					
Source of extension (Col 3) Government .....1 NGO/Dev project .....2 Cooperative .....3 Large scale farmer .....4 Registered private Agr o dealers.....5 Lead farmer.....6											
14.2	Did the household or any member of the household participate in Out Grower agreements during 2019/20 agricultural year ? (Yes=1, No=2)							<input type="checkbox"/>			
14.3	Did the household or any member of the household participate in contracting production agreements during 2019/20 agricultural year? (Yes=1, No=2)							<input type="checkbox"/>			

LIVESTOCK PRODUCTION AND PRODUCTS									
15.0 CATTLE									
15.1 Did the household own, raise or manage any CATTLE during 2019/20 agriculture year? (Yes =1 No =2) <input type="checkbox"/>									
(If no go to section 16.0)									
15.2 Cattle Population as of 1st August 2020									
S/N	Cattle type	Number of Indigenous	Number of Improved		Total				
	(1)	(2)	Beef (3)	Dairy (4)	(5)				
15.2.1	Castrated Bulls (Oxen)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.2	Uncastrated Bulls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.3	Cows	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.4	Steers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.5	Heifers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.6	Male Calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.7	Female Calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.2.8	Grand Total		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>			
15.3 Cattle Intake during 2019/20 agriculture year									
S/N	Number Purchased	Number given /obtained	Number Born	Total Intake of Cattle (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head				
	(6)	(7)	(8)	(9)	(10)				
15.3.1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
15.3.7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
Total Intake				<input type="text"/>					
15.4 Cattle Offtake during 2019/20 agriculture year									
S/N	Cattle type	Number Sold/traded	Number consumed by hh	Number given away	Number stolen	Number died	Total Cattle Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
15.4.1	Castrated Bulls (Oxen)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.2	Uncastrated Bulls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.3	Cows	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.4	Steers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.5	Heifers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.6	Male Calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.7	Female Calves	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.4.8	Total Offtake					<input type="text"/>	<input type="text"/>		
15.6 Cattle Identification									
15.6.1 Which method do you use to identify your cattle? <input type="checkbox"/>									
Methods for Cattle identification codes Branding .....1 Cattle clan .....2 Ear notching .....3 Colour .....4 Ear tags .....5 Others (specify) .....8									
15.7 Cow Milk Production									
15.7.1 Did the household produce any milk during 2019/20 agriculture year? (Yes =1 No =2) <input type="checkbox"/>									
If no go to section 16.									
S/N	Season	Cattle type	Number of milked cows	Average milk production per cow per day (litres)	Average number of days cows were milked	Milk consumed by the HH (Litres)	Amount of milk sold (Litres) (If amount sold is 0, > another cattle type)	Average price per litre per season	Where Sold
	(1)	2	3	4	5	6	7	8	9
15.7.2	Wet Season	Improved Dairy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.7.3		Indigenous Cattle	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.7.4	Dry Season	Improved Dairy	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.7.5		Indigenous Cattle	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

15.5 Cattle diseases

S/N	Disease/parasite	Did Cattle get 1...1 disease in 2019/20? (Yes = 1 No = 2) If No > Col 7	Number Infected	Number treated	Number Recovered	Number Died	Last vaccinated	Main Source of Vaccine
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
15.5.1	Tick Borne diseases	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.2	CBPP	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.3	Trypanosomiasis	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.4	Lumpy Skin Disease	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.5	Helminthiasis	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.6	Foot Mouth Disease (FMD)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.7	Brucellosis	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.8	Black Quarter	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15.5.9	Anthrax	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

(Last Vaccinated (Col 7))
 20201
 20192 20183 20174
 20165 20156 before 20156 Not Vaccinated...8

(Main Source of vaccine (Col 8))
 Private Veterinary Facilities.....1 District Vet Office2
 NGO/Project.....3 Tanzania Vet Laboratory Services Centre s....4
 Other(Specify)8 Not applicable9

(Where sold (Col 9))
 Neighbour1
 Local market/trade store2
 Private Milk Collection Centres3
 Farmers Cooperative Milk Collection Centres4
 Farmers organisation Milk Collection Centres5
 Large-scale farm6
 Trader at farm7
 Did not sell8
 Other (specify)98

16 GOAT									
16.1 Did the household own, raise or manage any GOATS during the 2019/20 agricultural year? (If no go to section 17.0) (Yes =1 No =2) <input type="checkbox"/>									
16.2 Goat Population as of 1st August 2020									
S/N	Goat type	Number of Indigenous	Number of Improved for		Total				
	(1)	(2)	Meat (3)	Dairy (4)	(5)				
16.2.1	Billy Goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.2.2	Castrated Goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.2.3	She Goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.2.4	Male Kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.2.5	She Kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.2.6	Grand Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				

16.3 Goat Intake during 2019/20									
S/N	Number Purchased	Number given /obtained	Number Born	Total Intake of Goats (CHECK IF C6 = 0 >NEXT ITEM)	Average price per head				
	(6)	(7)	(8)	(9)	(10)				
16.3.1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.3.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.3.3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.3.4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.3.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
16.3.6	Total Intake			<input type="text"/>	<input type="text"/>				

16.4 Goat Offtake during 2019/20									
S/N	Goat type	Number Sold/traded	Number consumed by hh	Number given away	Number stolen	Number died	Total Goat Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
16.4.1	Billy goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.4.2	Castrated Goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.4.3	She Goat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.4.4	Male Kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.4.5	She Kid	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.4.6	Total Offtake	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

16.5 Goat diseases during 2019/20									
S/N	Disease/parasite	Did Goat got [...] disease in 2019/20? (Yes = 1 No = 2) If No > Col 7	Number Infected	Number treated	Number recovered	Number died	Last Vaccinated	Main Source of Vaccine	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
16.5.1	Foot Rot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.2	CCPP	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.3	Helminthiosis	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.4	Tetanus	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.5	Mange	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.6	Brucellosis	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.7	Black Quarter	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.5.8	FMD	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

16.6 Milk Production									
Did the household produce any milk during 2019/20 agriculture year? (Yes =1 No =2)									
16.6.1 If no go to section 17.1									
S/N	Season	Number of milked goats	Average milk production per goat per day	Average number of days goats were milked	Milk consumed by the Hh (Litres)	Amount of milk sold (Litres) (If amount sold is 0, > another season)	Average price per litre per season	Where sold	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
16.6.2	Wet Season	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.6.3	Dry Season	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Where sold (Col 8)

Neighbour.....1

Local market/trade store.....2

Private Milk Collection Centres3

Farmers Cooperative Milk Collection Centres4

Farmers organisation Milk Collection Centres5

Largescale farm6

Trader at farm7

Did not sell8

Last Vaccinated (Col 7)

2020.....1

2019.....2 2018.....3 2017.....4

2016.....5 2015.....6 before 2015.....6

Not Vaccinated...8

Main Source of vaccine (Col 8)

Private Veterinary Facilities.....1 District Vet Office2 NGO/Project.....3

Tanzania Vet Laboratory Services Centres.....4

Other (Specify).....8 Not applicable9

17.0 SHEEP									
17.1 Did the household own, raise or manage any SHEEP during the 2019/20 agricultural year? <input type="checkbox"/>									
(If no go to section 18.0)									
17.2 Sheep Population as of 1st August 2020									
S/N	Sheep type	Number of Indigenous	Number of Improved		Total				
	(1)	(2)	for Mutton (3)	Dairy (4)	(5)				
17.2.1	Ram	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.2.2	Castrated Sheep	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.2.3	Ewe (She Sheep)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.2.4	Male lamb	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.2.5	She lamb	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
Grand Total					<input type="text"/>				
17.3 Sheep Intake during 2019/20									
S/N	Number Purchased (6)	Number given /obtained (7)	Number Born (8)	Total Intake of Sheep (CHECK IF C6 = 0 >NEXT (9)	Average price per head (10)				
17.3.1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.3.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.3.3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.3.4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
17.3.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
Total Intake				<input type="text"/>					
17.4 Sheep Offtake during 2019/20 agricultural year									
S/N	Sheep type	Number Sold/traded (2)	Number consumed by hh (3)	Number given away (4)	Number stolen (5)	Number died (6)	Total Sheep Offtake (CHECK IF C2) (7)	Average price per head (8)	
17.4.1	Ram	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.4.2	Castrated Sheep	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.4.3	She Sheep	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.4.4	Male lamb	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.4.5	She lamb	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Total Offtake							<input type="text"/>		
Last Vaccinated (Col 7) 2020.....1 2018.....3 2017.....4 2019.....2 2016.....5 before 2015.....6 Not Vaccinated.....8									
Main Source of vaccine (Col 8) Private Veterinary Facilities.....1 District Vet Office.....2 NGO/Project.....3 Tanzania Vet Laboratory Agency centre.....4									
17.5 Sheep diseases									
S/N	Disease/ parasite	Did Sheep got [....] disease in 2019/20?	Number Infected (3)	Number treated (4)	Number recovered (5)	Number died (6)	Last Vaccinate d (7)	Main Source of Vaccine (8)	
17.5.1	Foot Rot	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.2	CCPP	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.3	Helminthiasis	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.4	Trypanosomiasis	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.5	FMD	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.6	Brucellosis	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.7	Black Quarter	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.5.8	Anthrax	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Last Vaccinated (Col 7)	
2020.....1	2019.....2
2018.....4	2016.....5
Before 2015.....7	Not Vaccinated....8

Main Source (Col 8)	
Private Veterinary Facilities.....1	
District Vet office.....2	
NGO/Project.....3	
Tanzania Vet Laboratory Agency centre.....4	
Other.....8	
Not applicable.....9	

POULTRY							
19.1	Did the household own, raise or manage any Poultry during the 2019/20 agriculture year (Yes =1 No =2) <input type="checkbox"/>						
(If no go to section 20.0)							
19.2	Give details of Poultry as of 1st August 2020 available and consumption and sales during the 2019/20 agriculture year						
	Poultry type	Number of poultry as of 1st August 2020 (Number)	Sold during 2019/20		Consumed during 2019/20		
			Number	Average Price/head	Number	Average price/head	
	(1)	(2)	(3)	(4)	(5)	(6)	
19.2.1	Indigenous Chicken	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.2.2	Layers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.2.3	Broilers	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.2.4	Ducks	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.2.5	Turkeys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.2.6	Guinea fowls	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19.3	POULTRY DISEASES	Did poultry got [...] disease in 2019/20? (Yes = 1 No = 2) If 2 -> Col 3 then Next Disease	Number Vaccinated	Number Infected	Number Treated	Number Died	Number recovered
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
19.3.1	Newcastle Disease	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.3.2	Gumboro	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.3.3	Coccidiosis	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.3.4	Coryza	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.3.5	Fowl pox	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
19.3.6	Fowl typhoid	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20.0 OTHER LIVESTOCK							
20.1	Did the household own, raise or manage any OTHER LIVESTOCK during the 2019/20 agriculture year (Yes =1 No =2) <input type="checkbox"/>						
(If no go to section 20.3)							
20.2	Give details of other livestock available as of 1st October 2019 and details of consumption and sales during the 2019/20 agriculture year						
	Animal type	as of 1st August 2020 (Number)	Sold during 2019/20		Consumed during 2019/20		
			Number	Average Price/head	Number	Average price/head	
	(1)	(2)	(3)	(4)	(5)	(6)	
20.2.1	Rabbits	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.2.2	Donkeys	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.2.3	Horses	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.2.4	Dogs	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.2.5	Guinea Pigs	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.2.6	Other (specify).....	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

20.3 LIVESTOCK PRODUCTS																	
S/N	Product	Production of livestock product during 2019/20 agricultural year (Number/Pieces)						Sold during 2019/20				Consumed/utilised during 2019/20					
								Number		Average price/unit		Number					
	(1)	(2)						(3)		(4)		(5)					
20.3.1	Eggs (indigenous)																
20.3.2	Eggs (Improved chicken)																
20.3.3	Hides																
20.3.4	Goat Skins																
20.3.5	Sheep Skins																

21.0 OUTLET FOR SALE OF LIVESTOCK												
S/N	Please, rank in order of importance the outlets for sale of Livestock											
	Importanc e of Outlet	Outlets for Cattle	Outlets for Goat	Outlets for Sheep	Outlets for pigs	Outlets for Chickens						
	(1)	(2)	(3)	(4)	(5)	(6)						
21.1	1st											
21.2	2nd											
21.3	3rd											
21.4	4th											
21.5	5th											
Outlet code (Col 2, 3, 4, 5 & 6) Trader at farm .....1 Abattoir/factory.....5 Primary Market .....2 Another farmer .....6 Secondary market/auction.....3 Ranch.....7 Neighbour .....4 Border Market .....8 Other (Specify).....98 Not applicable .....99												
Source of structure (Q 22 - Col 3) Self owned .....1 NGO .....6 Cooperative .....2 Large scale farm .....7 Local farmers association .....3 Other (Specify) .....8 Gov extension/veterinary .....4 Not applicable .....9 Development project .....5												

22.0 LIVESTOCK STRUCTURES/ ACCESSORIES				
Access to functional Livestock structures/accessory				
S/N	Type of structure/accessory	Do you have access to [...]? Yes=1, No=2 If no, go to next structure/accessory	Source of Structure	Distance to structure from the household (km)
	(1)	(2)	(3)	(4)
22.1	Cattle Dip			
22.2	Spray Race			
22.3	Hand powered sprayer			
22.4	Cattle crush			
22.5	Primary Market			
22.6	Secondary Market			
22.7	Abattoir			
22.8	Slaughter house			
22.9	Slaughter Slab			
22.10	Hide/skin shed			
22.11	Input supply shop			
22.12	Veterinary Clinic			
22.13	Village holding ground			
22.14	Chacol dam			
22.15	Drencher			

23	LIVESTOCK PEST & PARASITE CONTROL														
23.1	Did this household participate in any livestock pest and parasite control during 2019/20 agricultural year? (Yes=1, No=2) If No go to section 24						<input type="checkbox"/>								
23.2	Did you deworm your animals during 2019/20 agriculture year? (Yes=1, No=2) (If the response is 'NO' go to question 23.4)						<input type="checkbox"/>								
23.3	Which animals did you deworm ? (Dewormed =1, NOT dewormed = 2 Not Applicable.....9)														
	23.3.1	Cattle	<input type="checkbox"/>	23.3.2	Goat	<input type="checkbox"/>	23.3.3	Sheep	<input type="checkbox"/>	23.3.4	Pigs	<input type="checkbox"/>	23.3.5	Chicken	<input type="checkbox"/>
23.4	Do your livestock normally encounter a tick problem? (Yes=1, No=2), if "NO" go 23.6						<input type="checkbox"/>								
23.5	Which method of tick control did you use ? Control method (Q 23.5) Dipping.....1 Spraying.....2 Smearing .....3 None .....4 Other (Specify).....6						<input type="checkbox"/>								
23.6	Do your livestock normally encounter a tsetse fly problem? (Yes =1, No = 2) (If the response is 'NO' go to question 23.8)						<input type="checkbox"/>								
23.7	Which method of control did you mostly use? Control method (Q 23.7) Dipping.....1 Spraying .....2 Smearing .....3 Trapping.....4 None .....5 Other (Specify).....6						<input type="checkbox"/>								
23.8	Did you encounter a New Castle Disease problem on your chicken during 2019/20 agriculture year? (Yes = 1, No = 2) (If the answer is 'NO' go to question 23.10)						<input type="checkbox"/>								
23.9	Which method of control did you mostly use? Methods of control (Question 23.9) Vaccination .....1 Local Herbs.....2 None.....3 Others (Specify).....6						<input type="checkbox"/>								
23.10	Did you encounter a Fowl Typhoid for your chicken? Yes=1, No=2 (If the answer is 'NO' go to question 23.12)						<input type="checkbox"/>								
23.11	Which method of treatment control did you mostly use? Methods of control (Question 23.11) Conventional treatment .....1 Local Herbs.....2 None.....3 Others (Specify).....6						<input type="checkbox"/>								
23.12	Did your livestock get vaccination against [.....] diseases?						<input type="checkbox"/>								
	Code Yes (1), No (2) or Not applicable (9) for each disease listed.														
	23.12.1	Foot and Mouth Disease	<input type="checkbox"/>	23.12.2	Lumpyskin	<input type="checkbox"/>	23.12.3	Rabies	<input type="checkbox"/>						
	23.12.4	Black Quarter	<input type="checkbox"/>	23.12.5	Anthrax	<input type="checkbox"/>	23.12.6	CBPP	<input type="checkbox"/>						

24.0	LIVESTOCK EXTENSION SERVICES						
24.1	Did you receive any livestock extension advice during 2019/20 agriculture year? (Yes=1, No=2) if No GO to section 26 <input type="checkbox"/>						
	Livestock Extension Message	Yes=1, No=2 -> Next Extension	Livestock Extension	the advice received?	adopted (Yes = 1, No= 2)		
S/N.	(1)	2	3	4	5		
24.1.1	Feeds and Proper feeding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.2	Housing (Goat, Dairy, Poultry, Pigs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.3	Proper Milking and Milk Hygiene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.4	Livestock fattening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.5	Disease control (dipping/spraying/vaccination)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.6	Herd/Flock size and selection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.7	Livestock keeping based on carrying capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.8	Pasture Establishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.9	Group formation and strengthening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.10	Calf rearing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.11	Use of improved Bulls/ Artificial insemination (AI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.12	Livestock branding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.13	Castration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
24.1.14	Others (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Source of livestock extension (Col 3) Government .....1 NGO/Development project .....2 Cooperative .....3 Large scale livestock farmer .....4 Registered private vets and paravets.....5 Other (Specify) .....8		Means of receiving extension advice (Col 4) Mobile phone .....1 Email.....2 Face to face with extension officer.....3 TV.....4 Radio .....5 Other (Specify) .....8					
25.0	For the following Livestock Extension Service Providers give details						
	Extension Provider	Did you receive Extension Service from []? Yes....1, No.....2 (If the answer is 2-> Other service provider)	If you pay for the service obtained from [], what is the costs per year?	Are you a contact farmer/grou p member from [] Yes....1, No.....2	No. of visits by extension agency year 2019/20	No. of messages adopted in the last 3 yrs (IF "0" GO NEXT EXTENSION PROVIDER)	Quality of Service
S/N	(1)	(2a)	(2b)	(3)	(4)	(5)	(6)
25.1	Government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.2	NGO/dev project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.3	Registered private vets and paravets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.4	Cooperative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.5	Large Scale livestock farmer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.6	Other(Specify).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of services(Col 6) Very good .....1 Good.....2 Average .....3 Poor.....4 Very poor.....5							
26.0	GOVERNMENT POLICY, LEGAL AND REGULATORY CHALLENGES						
	Did you face challenges with government regulations during 2019/20 agriculture year? <input type="checkbox"/> Yes = 1, No = 2 (If No, go to section 27.0)						
26.1	List in order of importance	Challenges code Land ownership by government.....1 Restrictions of Livestock movement between administrative boundaries .....2 Import of food/feed items.....3 Export/Import ban on Livestock/livestock products .....4 Livestock levy .....5 Other (Specify) .....8					
	Challenge code						
26.1.1	1st						
26.1.2	2nd						
26.1.3	3rd						

27.0

FISH FARMING

27.1

Was fish farming carried out by this household during 2019/20? (Yes = 1, No = 2)

☐

(If the response is 'NO' go to section 28)

Specify details of **fish farming** practices

S/N	Productin unit Number	Acquaculture system	Size of unit/pond (m2/m3)	Type of Water	Source of Water	Main Source of fingerlings	Frequency of stocking(No./ Year)	Number of Stocked Fish				Fish Sales			Fish Feeds		
								Type of stocked Fish	Number of Stocked fish	Number of fish harvested. If not harvested, write 00->Col. 15	Weight of fish harvested	Weight of fish sold. If not sold, write 00->Col. 15	Average price of fish sold per Kg	Mainly sold to	Source of Fish Feeds	Amount used in Kg	Average price of feeds per Kg
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
27.1.1	1																
27.1.2	2																
27.1.3	3																

Aquaculture system (Col 2)
 Deep Water Cage.....1
 Shallow water cage.....2
 Natural pond.....3
 Dug out Pound.....4
 Water Reservoir.....5
 Tank.....6
 Other Specify.....8

Source of water (Col 5)
 Rain fed.....1
 Ground water.....2
 Rivers.....3
 Lakes.....4
 Dam.....5
 Ocean.....6
 Tap water.....7
 Other.....8

Types of water(Col 4)
 Fresh Water.....1
 Marine water.....2
 Blackish Water.....3

Main source of fingerlings (Col 6)
 Own fish hatchery.....1
 Neighbour fish hatchery.....2
 Government institution hatchery.....3
 Private trader fish hatchery.....4
 Natural pond.....5

Type of Fish stocked(Col 8)
 Tilapia.....1
 Milkfish.....2
 African Cat fish.....3
 Prawns.....4
 Other (Specify).....8

Mainly sold to (Col 14)
 Neighbour.....1
 self.....7
 Landing Site.....2
 Other.....8
 Fish market.....3
 Processing industry.....4
 Large scale farmer.....5
 Trade at farm.....6
 Did not

Source of Fish feeds(Col 15)
 Home made feeds.....1
 Locally compounded feeds.....2
 Imported manufactured feeds.....3
 Other (Specify).....8

28.0

BEE KEEPING

28.1

Did your household practised Bee keeping during 2019/20 agriculture year? (Yes= 1, No=2)

☐

If answer is **No** go to section 29

Give details on honey harvesting during 2019/20 agriculture year

No.	Type of bees	Number of Local Bee Hives	Number of improved Bee hives	Harvesting done? (Yes= 1, No =2>next)	Amount Produced per year (Litre)	Amount of honey Sold (Litre)	Average Price per Litre	Honey Market
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
28.1.1	Small bees (Stingless Bees)							
28.1.2	Large bees							

Honey Market (Col 8)
 Naighbour.....1
 Large Scale Farmers.....3
 Honey Processing Industry.....5
 Did not sale.....7
 Auction.....2
 Open market.....4
 Private business people.....6
 Others.....8

29.0 LABOUR USE			
29.1 Who is/are mainly responsible for undertaking the following tasks: (Hh members Aged 5 years old and above)			
S/N	Activity	Is your household involved in [...]? Yes = 1 No = 2 > NEXT ACTIVITY	Main responsible person(s)
	(1)	(2)	(3)
29.1.1	Land Clearing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.2	Land tilling (by hand)	<input type="checkbox"/>	<input type="checkbox"/>
29.1.3	Land tilling (oxen/tractor)	<input type="checkbox"/>	<input type="checkbox"/>
29.1.4	Planting	<input type="checkbox"/>	<input type="checkbox"/>
29.1.5	Weeding	<input type="checkbox"/>	<input type="checkbox"/>
29.1.6	Crop Protection	<input type="checkbox"/>	<input type="checkbox"/>
29.1.7	Harvesting	<input type="checkbox"/>	<input type="checkbox"/>
29.1.8	Crop processing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.9	Crop marketing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.10	Cattle rearing/husbandry	<input type="checkbox"/>	<input type="checkbox"/>
29.1.11	Cattle herding	<input type="checkbox"/>	<input type="checkbox"/>
29.1.12	Cattle marketing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.13	Goat/sheep rearing/husbandry	<input type="checkbox"/>	<input type="checkbox"/>
29.1.14	Goat and sheep herding	<input type="checkbox"/>	<input type="checkbox"/>
29.1.15	Goat and sheep marketing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.16	Milking	<input type="checkbox"/>	<input type="checkbox"/>
29.1.17	Pig rearing/husbandry	<input type="checkbox"/>	<input type="checkbox"/>
29.1.18	Poultry keeping	<input type="checkbox"/>	<input type="checkbox"/>
29.1.19	Collecting Water	<input type="checkbox"/>	<input type="checkbox"/>
29.1.20	Collecting Firewood	<input type="checkbox"/>	<input type="checkbox"/>
29.1.21	Pole cutting	<input type="checkbox"/>	<input type="checkbox"/>
29.1.22	Timber wood cutting	<input type="checkbox"/>	<input type="checkbox"/>
29.1.23	Building/maintaining houses	<input type="checkbox"/>	<input type="checkbox"/>
29.1.24	Making local Beer	<input type="checkbox"/>	<input type="checkbox"/>
29.1.25	Bee keeping	<input type="checkbox"/>	<input type="checkbox"/>
29.1.26	Fishing	<input type="checkbox"/>	<input type="checkbox"/>
29.1.27	Fish farming	<input type="checkbox"/>	<input type="checkbox"/>
29.1.28	Off-farm income generation	<input type="checkbox"/>	<input type="checkbox"/>

Responsible person section 29.1 (Col 3)
HH head alone1 Girls6
Adult Males2 Boys & Girls7
Adult Females.....3 All household members.....8
Adults.....4 Hired labour9
boys 5

Satisfied with service section 31 (Col 4)
Very good1 Average.....3 No good5
Good2 Poor4 Not applicable 9

30.0 SUBSISTENCE vs NON-SUBSISTENCE					
30.1 Indicate if any member of the household was involved in the following activities and assess the percentage used for subsistence/consumption by the household:					
S/N	Activity	Is your household involved in [...] ? Yes = 1 No = 2 > NEXT ACTIVITY	Estimate % used for subsistence	Estimate % used for non subsistence	Check Total
	(1)	(2)	(3)	(4)	(5)
30.1.1	Crop production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.2	Livestock production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.3	Vegetable production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.4	Tree cutting for firewood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.5	Tree logging for poles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.6	Tree logging for timber	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.7	Tree logging for charcoal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.8	Fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.9	Bee keeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.10	Permanent employment/off farm income	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.11	Temporary employment/off farm income	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30.1.12	Remittances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

31.0 ACCESS TO INFRASTRUCTURE & OTHER SERVICES					
31.1 Give details of the access of the following services					
S/N	Type of Nearest service	Distance in km (IF THE SERVICE IS NOT AVAILABLE, CODE 999, DON'T KNOW)	S/N	Type of service	Distance in km
	(1)	(2)		(1)	(2)
31.1.1	Primary School	<input type="checkbox"/>	31.1.8	Feeder Road	<input type="checkbox"/>
31.1.2	Secondary School	<input type="checkbox"/>	31.1.9	All weather road	<input type="checkbox"/>
31.1.3	Dispensary	<input type="checkbox"/>	31.1.10	Tarmac road	<input type="checkbox"/>
31.1.4	Health Centre	<input type="checkbox"/>	31.1.11	Primary market	<input type="checkbox"/>
31.1.5	Hospital	<input type="checkbox"/>	31.1.12	Secondary market	<input type="checkbox"/>
31.1.6	District Capital	<input type="checkbox"/>	31.1.13	Tertiary market	<input type="checkbox"/>
31.1.7	Regional Capital	<input type="checkbox"/>	31.1.14	Vet Clinic	<input type="checkbox"/>

S/N	Type of Nearest service	Distance in km (IF THE SERVICE IS NOT AVAILABLE, CODE 999, DON'T KNOW)	No of visits/year	Level of satisfaction with service received
	(1)	(2)	(3)	(4)
31.1.15	Extension Centre	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.1.16	Research Station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.1.17	Plant protection Lab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.1.18	Land registration office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.1.19	Livestock Dev Centre	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31.1.20	Livestock Dipping facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

32.0	AGRICULTURAL CONSTRAINTS		
	From the list of constraints, select:		
32.1	The 5 most important constraints		
	Order of most importance	Constraint	
	(1)	(2)	
32.1.1	1st most constraint	<input type="text"/>	
32.1.2	2nd most constraint	<input type="text"/>	
32.1.3	3rd most constraint	<input type="text"/>	
32.1.4	4th most constraint	<input type="text"/>	
32.1.5	5th most constraint	<input type="text"/>	
33.0	MARKET INFORMATION		
33.1	Sources through which you obtain market information		
	Source	Yes = 1, No = 2	
33.1.1	Tv	<input type="text"/>	<input type="text"/>
33.1.2	Radio	<input type="text"/>	<input type="text"/>
33.1.3	News papers	<input type="text"/>	<input type="text"/>
33.1.4	Mobile Phones	<input type="text"/>	<input type="text"/>
33.1.5	Local Authorities	<input type="text"/>	<input type="text"/>
33.1.6	Farmers Organization	<input type="text"/>	<input type="text"/>
33.1.7	Internet	<input type="text"/>	<input type="text"/>
33.1.8	Fellow Farmers	<input type="text"/>	<input type="text"/>
33.1.9	Other (Specify)	<input type="text"/>	<input type="text"/>

List of constraints

Access to Land.....1

Land Ownership.....2

Soil Fertility.....3

Availability of Quality Seeds.....4

Irrigation Equipment.....5

Availability of Agro-chemicals.....6

Availability of Veterinary Drugs.....7

Cost of Inputs.....8

Extension Services.....9

Availability of Forest Products.....10

Access to Credity.....11

Harvesting.....12

Threshing/Dehulling.....13

Crop Storage.....14

Agro-processing.....15

Access to Markets and Marketing Information.....16

Transportation Cost.....17

Destruction by Wild Animals/Birds.....18

34.0	POVERTY INDICATORS AT HOUSEHOLD LEVEL									
34.1	HOUSE CONSTRUCTION									
34.1.1	For the main dwelling, what are the building materials for following parts									
	34.1.1.1	Roof	<input type="checkbox"/>	34.1.1.2	Floor	<input type="checkbox"/>	34.1.1.3	Walls	<input type="checkbox"/>	<input type="checkbox"/>
34.1.2	Number of bed rooms <input type="text"/> <input type="text"/>									
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Roof Material</p> <p>Iron Sheets.....1</p> <p>Tiles .....2</p> <p>Concrete .....3</p> <p>Asbestos .....4</p> <p>Grass/leaves.....5</p> <p>Grass & mud.....6</p> <p>Other (Specify).... 8</p> </div> <div style="width: 45%;"> <p>Wall Material</p> <p>Grass .....1</p> <p>Poles And Mud .....2</p> <p>Sun-Dried Bricks .....3</p> <p>Baked Bricks 4</p> <p>Wood, Timber 5</p> <p>Cement Blocks .....6</p> <p>Stones.....7</p> <p>Brick stones .....8</p> </div> </div> <div style="margin-top: 10px;"> <p>Floor Material</p> <p>Earth, Sand, Dung .....1</p> <p>Wood Planks, Bamboo, Palm...2</p> <p>Parquet Or Polished Wood ....3</p> <p>Vinyl Or Asphalt Strips.....4</p> <p>Ceramic Tiles, Terrazzo .....5</p> <p>Cement .....6</p> <p>Other (specify) .....8</p> </div>									
34.2	HOUSEHOLD ASSETS									
34.2.1	Does your household own the following? (<i>Oparating assets</i>)									
	Asset								Yes=1, No=2	
34.2.1.1	Radio/cassette, (music system)								<input type="checkbox"/>	
34.2.1.2	Telephone (landline)								<input type="checkbox"/>	
34.2.1.3	Telephone (mobile)								<input type="checkbox"/>	
34.2.1.4	Pressing Iron								<input type="checkbox"/>	
34.2.1.5	Wheelbarrow								<input type="checkbox"/>	
34.2.1.6	Bicycle								<input type="checkbox"/>	
34.2.1.7	Vehicle								<input type="checkbox"/>	
34.2.1.8	Television								<input type="checkbox"/>	
34.2.1.9	Refrigerator								<input type="checkbox"/>	
34.2.1.10	Motor Cycle								<input type="checkbox"/>	
34.2.1.11	Bajaji								<input type="checkbox"/>	
34.2.1.12	Personal computer/ laptop								<input type="checkbox"/>	
34.2.1.13	Kerosine lamps								<input type="checkbox"/>	
34.2.1.14	Solar panel								<input type="checkbox"/>	
34.2.1.15	Generator								<input type="checkbox"/>	
34.2.1.16	Electric/ gas stove								<input type="checkbox"/>	
34.2.1.17	Torch								<input type="checkbox"/>	
34.3	ENERGY USE BY HOUSEHOLD									
34.3.1	Energy use and access by the household									
	Main Source of energy for									
34.3.1.1	Lighting	<input type="checkbox"/>	<input type="checkbox"/>	34.3.1.2	Cooking	<input type="checkbox"/>	<input type="checkbox"/>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Lighting energy</p> <p>Mains electricity.....01</p> <p>Solar .....02</p> <p>Biogas .....03</p> <p>Hurricane Lamp .....04</p> <p>Pressure Lamp .....05</p> <p>Wick Lamp .....06</p> <p>Candles .....07</p> <p>Firewood .....08</p> <p>Torch/ Rechargeable Lamp...09</p> <p>Generator(Private source)..10</p> <p>Other (specify) 98</p> </div> <div style="width: 45%;"> <p>Cooking energy</p> <p>Mains electricity.....01</p> <p>Solar .....02</p> <p>Gas (hh biogas) .....03</p> <p>Gas (Industrial) .....04</p> <p>Paraffin/kerocine.....05</p> <p>Charcoal .....06</p> <p>Firewood .....07</p> <p>Crop Residues .....08</p> <p>Livestock dung .....09</p> <p>Natural Gas.....10</p> <p>Generator/Private source..11</p> <p>Other (specify) .....98</p> </div> </div>									
34.4	ACCESS TO DRINKING WATER									
	Season		Main source of drinking water		Distance to source (in km)		Time to and from source (Hour : minu			
	(1)		(2)		(3)		(4)			
34.4.1	Wet Season		<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"/>			
34.4.2	Dry Season		<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"/>			
	<p>Main Source of drinking water (col 2)</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Piped water .....01</p> <p>Protected well .....02</p> <p>Protected/covered spring ...03</p> <p>Unprotected Well .....04</p> <p>Unprotected spring .....05</p> <p>Surface water (lake/dam/river/stream).....06</p> <p>Other (Specify) .....98</p> </div> <div style="width: 45%;"> <p>Covered rainwater catchment .....07</p> <p>Uncovered rainwater catchment ...08</p> <p>Water Vendor .....09</p> <p>Tanker truck .....10</p> <p>Bottled water .....11</p> <p>Borehole .....12</p> </div> </div>									

34.5	ACCESS TO TOILET FACILITIES		34.6	FOOD SECURITY AND CONSUMPTION IN THE HOUSEHOLD	
34.5.1	What type of toilet does your household use? <input type="checkbox"/> <div> Type of toilet No toilet/ bush.....1 Pit latrine without slab/ Open pit.....2 Pit latrine with slab/ Not washable.....3 Pit latrine with slab/ washable.....4 Ventilated Improved Pit latrine.(VIP).....5 Pour flush toilet.....6 Flush toilet with cistern.....7 Composting toilet/ECOSAN latrine.....8 Other (specify) .....98 </div>			Food consumption	
			34.6.1	Number of meals the household normally take per day	<input type="text"/>
			34.6.2	Number of days household consumed meat in the last seven days	<input type="text"/>
			34.6.3	Number of days household consumed Fish in the last seven days	<input type="text"/>
			34.6.4	How often did the household have problems in satisfying the food needs of the household in the past 12 months? <div> Never .....1 Sometimes .....3 Always 5 Seldom .....2 Often .....4 </div>	<input type="text"/>
34.7	MAIN SOURCE OF HOUSEHOLD INCOME			Food Security (The reference period should be the last 12 months)	Yes....1, No....2
34.7.1	What is the household main source of cash income? <input type="checkbox"/> <div> Main Source of Income codes Sale of food crops .....01 Wages or salaries in cash .....07 Sale of Livestock.....02 Casual cash earnings .....08 Sale of livestock products .....03 Cash remittances .....09 Sale of cash crops.....04 Fishing .....10 Sale of forest products .....05 Fish farming.....11 Business income.....06 Other .....98 </div>			34.6.5	Did you or any other member in your household were worried you could not get enough to eat? <input type="text"/>
				34.6.6	Did you or any other member in your household were unable to eat healthy and nutritious food? <input type="text"/>
				34.6.7	Did you or any other member in your household ate only a few kinds of foods ? <input type="text"/>
				34.6.8	Did you or any other member in your household had to skip a meal ? <input type="text"/>
				34.6.9	Did you or any other member in your household ate less than you thought you should? <input type="text"/>
				34.6.10	Did your household ran out of food ? <input type="text"/>
				34.6.11	Did you or any other member in your household were hungry but did not eat? <input type="text"/>
				34.6.12	Did you or any other member in your household went without eating for a whole day? <input type="text"/>

35. Results of the Interview

Complete Interview.....1	Respondent not available.....2	Incomplete Interview.....3
Refusal.....4	No right person to respond.....5	Other.....98

Supervisor Name: _____ **ID** _____ **Date** / /

CROP CODES

Crop Codes

Cereals/tubers/roots:

Maize.....	11
Paddy.....	12
Sorghum.....	13
Bulrush Millet...	14
Finger Millet...	15
Wheat.....	16
Barley.....	17
Cassava.....	21
Sweet Potatoes...	22
Irish potatoes...	23
Yams.....	24
Cocoyams.....	25
Onions.....	26
Ginger.....	27

Legumes, Oil & fruit:

Beans.....	31
Cowpeas.....	32
Green gram.....	33
Chick peas.....	35
Bambara nuts.....	36
Field peas.....	37
Sunflower.....	41
Sesame.....	42
Groundnut.....	43
Soyabeans.....	47
Caster seed.....	48

Fruits:

Passion Fruit....	70
Banana.....	71
Avocado.....	72
Mango.....	73
Papaw.....	74
Orange.....	76
Grapefruit.....	77
Grapes.....	78
Mandarin.....	79
Guava.....	80
Plums.....	81
Apples.....	82
Pears.....	83
Peaches.....	84
Lime.....	851
Lemon.....	852
Pomelo.....	68
Jack fruit.....	69
Durian.....	97
Bilimbi.....	98
Rambutan.....	99
Bread fruit.....	67
Malay apple.....	38
Star fruit.....	39
Custard Apple...	200
God Fruit.....	201
Mitobo.....	202
Plum.....	203
Peaches.....	204
Pomegranate.....	205
Date.....	210

Tungamaa.....	211
Walnut.....	212

Vegetables:

Cabbage.....	86
Tomatoes.....	87
Spinach.....	88
Carrot.....	89
Chilies.....	90
Amaranths.....	91
Pumpkins.....	92
Cucumber.....	93
Egg Plant.....	94
Water Mellon....	95
Cauliflower.....	96
Okra.....	100
Fiwi.....	101

Cash Crops:

Cotton.....	50
Tobacco.....	51
Pyrethrum.....	52
Jute.....	62
Seaweed.....	19

Permanent Cash crops:

Sisal.....	53
Coffee.....	54
Tea.....	55
Cocoa.....	56
Rubber.....	57
Wattle.....	58
Kapok.....	59
sugar Cane.....	60
Cardamom	61
Tamarind.....	63
Cinnamon.....	64
Nutmeg.....	65
Clove.....	66
Black Pepper....	18
Pigeon pea.....	34
Cassava.....	21
Pineapple.....	75
Palm Tree.....	44
Coconut.....	45
Cashew nut.....	46
Green Tomato....	300
Monkeybread....	301
Bamboo.....	302
Firewood/fodder..	303
Timber.....	304
Medicinal plant..	305
"Fence tree"....	306
Other.....	998