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# **CONFIDENTIAL**



Federal Republic of Nigeria National Bureau of Statistics Abuja, Nigeria

# National Bureau of Statistics Abuja, Nigeria THE GENERAL HOUSEHOLD SURVEY-PANEL



Agriculture Questionnaire

THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY.

Wave 4 (2018/19) Post-Harvest Visit

# SECTION A-1: HOUSEHOLD IDENTIFICATION 1. Zone 2. STATE: 3. LGA 4. SECTOR (Urban=1, Rural=2) 7. HOUSEHOLD NO. 8. NAME OF HOUSEHOLD HEAD: 9. ADDRESS OF HOUSEHOLD HEAD: 10. NAME OF INTERVIEWER: 11. NAME OF SUPERVISOR: 11a. NAME OF RESPONDENT: OBSERVATIONS ON THE INTERVIEW RECORD GENERAL NOTES ABOUT THE INTERVIEW AND RECORD ANY SPECIAL INFORMATION THAT WILL BE HELPFUL FOR SUPERVISORS AND THE ANALYSIS OF THIS QUESTIONNAIRE.

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## FLAP C: USE THIS FLAP WITH SECTIONS A1, A2, 11C2, and 11D

QUESTIONS 1, 1a, 1b, AND 2 MUST BE PRE-FILLED BEFORE GOING TO THE HOUSEHOLD.

	1.	1a.	1b.	1c.	1d.	2.
	ENUMERATOR: PREFILLED LIST OF PLOTS FROM		WAS PLOT	GPS AREA IN	PLOT FLAGGED FOR	Who in the
			MEASURED USING	SQUARE METERS	REMEASUREMENT?	household was
				FROM PREVIOUS		the primary
		VISIT?	PREVIOUS VISIT?	VISIT		manager of
						[PLOT] during
		PREFILL	PREFILL	PREFILL	DDECILI	PP?
P .				PREFILL	PREFILL	PREFILL
L						PREFILL
О Т						
1'						
l,						
D						
		YES1	YES1		YES1	
	PLOT NAME AND DESCRIPTION	NO2	NO2		NO2	ID CODE
						ID CODE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

# USE PLOT FLAP C

	8.	4.	5.	6.	7.	2a.	2.	2b.
	ENUMERATOR:	•	How did your household		Why did your household			Are there any
		household still	lose/give up ownership or access					other household
	OF THE		to [PLOT]	household	access to [PLOT]?	ON FLAP C?		members who
	RESPONDENT.	access to [PLOT]?	LEASE	receive for			1	are decision
			ENDED1	[PLOT]?	TO OBTAIN			makers for
	LIST FROM		RETURNED LOANED LAND.2		BETTER QUALITY LAND1			[PLOT]?
Р	HOUSEHOLD		GAVE TO - (▶Q7)	INCLUDE AN	TO OBTAIN LAND			
L	ROSTER		RELATIVE3 GAVE TO	ESTIMATE OF	CLOSER2			
0			OTHER	TOTAL CASH AND IN-KIND	PROFITABLE3			
			INDIVIDUAL4 TAKEN FROM	PAYMENTS.	CANNOT FARM ANYMORE4			
Ι,			YOU5 ► NEXT	ATIVILIVIS.	TO INVEST IN			
Ľ			PLOT		BUSINESS5 NEEDED MONEY FOR			
ľ			SOLD TO RELATIVE6		EDUCATION6			
			SOLD TO OTHER		NEEDED MONEY FOR OTHER NEEDS7			
			INDIVIDUAL7 OTHER,		TO REPAY DEBT8			
			SPECIFY8		TAKEN9 OTHER,	YES1		
		YES1 (▶Q2a)			SPECIFY10	NO2 (▶NEXT PLOT)		YES1
	ID CODE	NO2		NAIRA			ID CODE	NO2 (▶Q8a)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

	2c.	8a.	8b.	8c.
	Who are the	Was [NAME IN Q2] the	Who was the	Why is [NAME IN
	other decision	primary decision maker		Q8b] no longer the
	makers for this	of [PLOT] at the		primary decision
	[PLOT]?	beginning of the	at the beginning	maker?
		2018/2019 agricultural	fo the	
	SELECT ALL	season?	2018/2019	
Р	THAT APPLY		agricultural -	
L			season?	
0				DEATH1
Т				ILLNESS2 INJURY3
١.				PREGNANCY4 TEMPORARILY
l D				AWAY5 PERMANENTLY
ויין				MOVED AWAY6 FOCUSING ON
				OTHER ACTIVITIES7
				OTHER (SPECIFY)98
		YES1 (► NEXT PLOT)		
	ID CODES	NO2	ID CODE	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

		САРІ	1a.	1b.	1c.	1d.				
		WAS [PLOT]	Since the last visit on	On how many days	How many hours per	What activities has [NA	AME] perfomed on	[PLOT]?		
		CULTIVATED	[PP INTERVIEW	1	day on average did	-				
		DURING THE	DATE], which	on [PLOT]since the	[NAME] work on	SELECT ALL THAT APPL	_Y			
		AGRICULTURAL	household member(s)	last interview on [PP	[PLOT]?					
		SEASON	has(have) worked on	INTERVIEW DATE]?						
	N	2018/2019?	[PLOT] on any							
	D		activity?							
Р	1		Please exclude post							
L	٧		harvest activities e.g.							
0	1		threshing/shelling,							
Т	D		cleaning, etc.							
	U									
	Α		CELECT ALL THAT							
D	L		SELECT ALL THAT APPLY							
			APPLY							
		YES1								
		NO2(►NEXT								
		PLOT)								
				DAYS (TOTAL)	HOURS PER DAY	Land Preparation and planting	Weeding	Ridging, Fertilizing, Other Non-Harvest Activities	Harvesting	Supervision
1	1									
1	2									
1	3									
1	4									
1										
2										
2										
2										
2	4									
:	:									
	:									

#### HIRED LABOR

		HIKED LABOR								
		2a/5a/8a.	2/5/8.	3/6/9.	3a/6a/9a.	4/7/10.	4a/7a/10a.			
		Since the last	Since the last	Since the last	During those days	Normally, how	Since the last intervi	ew on [PP INTERVIE\	N DATE], what activit	ies did [PERSON
		interview on [PP	interview on [PP	interview on [PP	when hired	much did your	TYPE] perfom on [Pl	.OT]?		
		INTERVIEW DATE],	INTERVIEW DATE],	INTERVIEW DATE],	[PERSON TYPE]	household pay per				
		has your household			worked on [PLOT],		SELECT ALL THAT AF	PLY		
		hired any [PERSON	[PERSON TYPE] did	did a typical hired	how many hours	[PERSON TYPE] to				
	P	-			per day did a	work on [PLOT]?				
	E	[PLOT]? Please	in your household	[PLOT]?	typical [PERSON]					
Р	R	exclude post	hire to work on		work?					
L	S	harvest activities	[PLOT]?							
0	0	e.g.								
Т	N	threshing/shelling,								
		cleaning, etc.								
1	Т									
D	Υ									
	Р									
	E									
		YES1								
		NO2 (▶ NEXT								
		PERSON-TYPE-	NUMBER	DAYS	HOURS PER DAY	NAIRA PER DAY PER	Land Preparation	Weeding	Ridging, Fertilizing, Other Non-Harvest	Harvesting
		PLOT)	NUIVIDER	DATS	HOURS PER DAY	PERSON	and planting	weeding	Activities	narvesting
-		,							Activities	
1	MEN									
1	WOMEN									
1	CHILDREN (UNDER 15)									
2	MEN									
2	WOMEN									
2	CHILDREN (UNDER 15)									
3	MEN									
3	WOMEN									
3	CHILDREN (UNDER 15)									
i										
	-			-					-	

#### EXCHANGE LABOR

		EXCHANGE LABOR							
		13.	14.		16.	17.			
		Since the last	Since the last		During those days	Since the last intervi	ew on [PP INTERVIEV	V DATE], what activiti	es did hired
		interview on [PP	interview on [PP		when [PERSON	[PERSON TYPE] perfo	om on [PLOT] withou	t pay?	
		INTERVIEW DATE],	INTERVIEW DATE],	INTERVIEW DATE],					
		have any [PERSON	how many	how many days did		SELECT ALL THAT AP	PLY		
		TYPE] from other	[PERSON TYPE]	a typical [PERSON]					
	Р	households worked	worked on [PLOT]		hours per day did a				
	E	on this [PLOT] free of			typical [PERSON]				
Р	R		Please exclude post		work?				
L	S	labourers or to assist							
0	0	for nothing in return?							
Т	N		threshing/shelling,						
			cleaning, etc.						
1	Т								
D	Υ								
	Р								
	E								
		VEC 4							
		YES1				Land Preparation		Ridging, Fertilizing,	
		NO2 (▶ NEXT)	NUMBER	DAYS	HOURS PER DAY	and planting	Weeding	Other Non-Harvest	Harvesting
								Activities	
<u> </u>									
1	MEN								
1	WOMEN								
1	CHILDREN (UNDER 15)								
2	MEN								
2	WOMEN								
	CHILDREN (UNDER 15)								
	MEN								
	WOMEN								
3	CHILDREN (UNDER 15)								
i									
		· · · · · · · · · · · · · · · · · · ·	·	· · · · · · · · · · · · · · · · · · ·	·		· · · · · · · · · · · · · · · · · · ·		

		HERBICIDE USE			PESTICIDE USE			
	CAPI	10.	11.		1.	2.		
	CAPI: WAS THIS [PLOT]	Did you or any	What was the tot	al	Did you or any	What was the total		
	CULTIVATED DURING	member of your	quantity of herbid	ide used	member of your	quantity of p	esticide	
	THE [YEAR]	household use	on [PLOT] during	the	household use	used on [PLC	T] during	
	AGRICULTURAL	herbicide on	2018/2019 agricu	ltural	pesticide on	the 2018/20	19	
	SEASON?	[PLOT] during the	season?		[PLOT] during the	agricultural s	eason?	
		2018/2019			2018/2019			
Р	THUS, SECTION A2,	agricultural			agricultural			
L	Q30=1	season?			season?			
О			UNIT CODE KILOGRAMS (kg)01			UNIT CO		
Т			GRAMS (g)02 LITRE (1)03			GRAMS (g) LITRE (l)		
						CENTILITRE (		
D								
	YES1	YES1			YES1			
	NO2 (►NEXT PLOT)	NO2 (▶Q1)			NO2 (▶Q1a)			
			QTY	UNIT		QTY	UNIT	
		<b>.</b>				Ī		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

INORGANIC FERT	ILIZER USE							ORGANIC FERTILIZ	ZER USE	
1a (from 11D).	36.	37.		38.		39.		36 (from 11D).	37 (from 11D	).
Did you use any	Which type(s) of inorganic	What was the	total	What was the	total	What was the	total	Did your	What was the	<u> </u>
inorganic	fertilizer did your household	quantity of NP	K that	quantity of UR	EA that	quantity of [O]	THER	household use	quantity of or	ganic
fertilizer (e.g	used on this [PLOT] during the	was used on [P	LOT]	was used on [P	LOT]	INORGANIC		any organic	fertilizer that	your
NPK, urea, etc)	2018/2019 agricultural season?	the 2018/2019	)	the 2018/2019	· ·		at was	fertilizer on	household us	ed on
on [PLOT] during		agricultural sea	son?	agricultural season?		used on [PLOT	] the	[PLOT] during the	[PLOT] during	the
the 2018/2019	SELECT ALL TYPES THAT WERE					2018/2019		2018/2019	2018/2019	
agricultural	USED					agricultural sea	ason?	agricultural	agricultural se	eason?
season?		UNIT CODE	3	UNIT CODE	<u>!</u>	UNIT CODE	<u> </u>	season?		
YES1 NO2 (▶ Q36 from 11D)	NPK1 (ANSWER Q6a-b) UREA2 (ANSWER Q6c-d) OTHER (SPECIFY).7 (ANSWER Q6e-f)	KILOGRAMS (kg) GRAMS (g) SACK/BAG(10KG) SACK/BAG(25KG) SACK/BAG(100KG) SACK/BAG(100KG) MUDU, SMALL MUDU, LARGE TIYA, SMALL TIYA, MEDIUM TIYA, LARGE	)10 )11 )12 §).13 30 31	KILOGRAMS (kg) GRAMS (g) SACK/BAG(10KG) SACK/BAG(25KG) SACK/BAG(50KG) SACK/BAG(100KG) MUDU, SMALL MUDU, LARGE TIYA, SMALL TIYA, MEDIUM TIYA, LARGE	02101112 3).1330315051	KILOGRAMS (kg GRAMS (g) SACK/BAG(10KG SACK/BAG(25KG SACK/BAG(100KG SACK/BAG(100KG MUDU, SMALL MUDU, LARGE TIYA, SMALL TIYA, MEDIUM TIYA, LARGE	02 )10 )11 )12 3).13 30 31 50	ORGANIC FERTILIZER INCLUDES ANIMAL DUNG, CROP RESIDUE, ETC.  YES1 NO2 (▶ Q19)	UNIT COME KILOGRAMS (k. GRAMS (g) SACK/BAG(10K: SACK/BAG(25K: SACK/BAG(50K: SACK/BAG(100))	g)01 02 G)10 G)11
		QTY	CODE	QTY	CODE	QTY	CODE		QTY	CODE
	<u> </u>									
	1									
					<u> </u>		<u> </u>			

ANIMAL TRACTIO	N					EQUIPMENT AND MAG	CHINERY USE
19.	20.	21.	23.	25.	26.	27.	34.
Did you or any	How many days	How many days	How much was	How much was	Was there anytime	Did you or any	Was there
member of your	did your	did your	spent in cash IN	spent on	during the	member of your	anytime during
household use	household use	household use	TOTAL on	feeding the	2018/2019	household use any	the 2018/2019
any animals for	animals owned	rented animals	renting these	animals used	agricultural season	equipment/ machines	agricultural
traction on	by the household	for animal	animals for	for traction on	that animals were	on [PLOT] during the	season that the
[PLOT] during the	for animal	traction on	[PLOT] during	[PLOT] during	not available for use	2018/2019	machine/
2018/2019	traction on	[PLOT] during	the 2018/2019	the 2018/2019	when you needed	agricultural season?	equipment
agricultural	[PLOT] during	the 2018/2019	agricultural	agricultural	them for traction on		were not
season?	the 2018/2019	agricultural	season?	season?	[PLOT], regardless		available for
	agricultural	season?			of owned or		use when you
	season?				rented?		needed it for
		IF ZERO (▶Q25)					[PLOT],
							regardless of
							ownership?
YES1					YES1	YES1	YES1
NO2 (▶Q27)					NO2	NO2(▶NEXT PLOT)	NO2
(> \(\infty\)						110111112(F 112X1 1 201)	
	DAYS	DAYS	NAIRA	NAIRA			

							1	
I	1.		2.	3.	4.			6.
	CAPI WAS THIS INPUT USED BY THE HOUSEH	OLD DURING	Did your	Who in the	What was the tota		What was the total	-
	THE 2018/2019 AGRICULTURAL SEASON?		household	household	quantity of [INPUT		cost of the [INPUT]	
			purchase any	paid for the	household purchas		that your	purchased, how
	CHECK SECTION A4		[INPUT] that was	purchase of	during the 2018/20		household	much did your
			used during the	this [INPUT]	agricultural season	1?	purchased during	household use
L			2018/2019	during the				during the
N			agricultural	2018/2019	UNIT CODE		agricultural	2018/2019
Р			season?	agricultural	KILOGRAMS (kg).		season?	agricultural
U			EXCLUDE ANY	season?	GRAMS (g) LITRE (l) CENTILITRE(cl).	.03	INCLUDE THE	season?
T			INPUT	SELECT ALL			AMOUNT PAID UP-	REPORT QUANTITY
			<u>PURCHASED</u>	THAT APPLY	10KG BAG		FRONT AND ANY	IN [UNIT IN Q4]
Ľ			<u>USING</u>		25KG BAG 50KG BAG		FUTURE	
D			<u>GOVERNMENT</u>		100KG BAG	.13	PAYMENTS	
			<u>SUBSIDIES</u>		MUDU, SMALL			
					MUDU, LARGE TIYA, SMALL			
		YES1	YES1		TIYA, MEDIUM TIYA, LARGE	.51		
		NO2	NO2 (► NEXT		IIIA, HARGE			
		(►NEXT INPUT)	INPUT)			UNIT		
				ID CODE	QTY	CODE	NAIRA	QTY
1	ORGANIC FERTILIZER							
2	INORGANIC FERTILIZER - NPK							
3	INORGANIC FERTILIZER - UREA							
4	INORGANIC FERTILIZER - OTHER (SPECIFY)							
5	PESTICIDE							
6	HERBICIDE							
7	TRACTOR							
8	RIDGER							

6h   7		ORGANIC FERTILIZER F	ROM OWN PRODUCTION	MACHINERY					
6b.	7.	8.		29 (from 11c2).	10.	12.			
From whom did your	What was the	What was the total QUA	ANTITYof [INPUT] used that	Did your household rent	How much in total	How much did your			
household purchase most	distance from the	came from own-produc	tion or own animals during	in any MACHINERY	did your	household pay for			
of the [INPUT] for used	farm to the place	he 2018/2019 agricultural season?		during the agricultural	household spend	transportation to			
during the 2018/2019	where the	_		season 2018/2019?	to rent in any	acquire [ALL			
agricultural season?	[INPUT] was				MACHINERY	PURCHASED INPUT			
	purchased? (KM)				during the	used during the			
					agricultural	2018/2019			
	IF LESS THAN 1		UNITS		season	agricultural season?			
KILOMETER,			ILOGRAM (kg)1		2018/2019?				
	ENTER ZERO		LITRE BUCKET .2 K CART3		,	INCLUDE ALL TRIPS			
AGRICULTURE INPUT DEALER1		W	HEELBARROW4			FROM AND BACK TO			
FELLOW FARMER2			OKG BAG10			YOUR FARM.			
GOVERNMENT EXTENSION OFFICER3			5KG BAG11 OKG BAG12						
FAMILY MEMBER			OKG BAG13						
/RELATIVES4 LOCAL/OPEN MARKET6		0'	THER (SPECIFY)99						
OTHER (SPECIFY)5									
				YES1					
				NO2 (►NEXT INPUT)					
				NO2 (PINEXT INFOT)					
	KM	QUANTITY	UNIT		NAIRA	NAIRA			
		•				100 111 11			
						i			

		1	2.		3.	4.
		1.		CARL IS THE CROP ON		
			CROP CODE	CAPI: IS THIS CROP ON	In the last visit	Why did your household not harvest
		FROM FIRST VISIT		[PLOT] A [FIELD CROP]?	you indicated	[CROP] from [PLOT] during 2018/2019
					that you had	agricultural (rainy) season?
					planted [CROP]	
					on [PLOT]. Did	TOOK GROD DVI
					your household	LOST CROP DUE TO DROUGHT01
Р	_				harvest any of	LOST CROP DUE
	С				that [CROP] on	TO FLOOD02
L	R				[PLOT] during	TO PEST03
0	0				the 2018/2019	LOST CROP DUE TO VIOLENCE (INCLUDING
T	Р				agricultural	FULANI)04
					(rainy) season?	LOST CROP DUE TO THEFT05
ı	1					DISAGREEMENT ON LAND
D	D					OWNERSHIP06 NO AVAILABLE LABOR08
						NOT HARVEST SEASON09
				YES1	YES1 (▶Q4a)	DELAYED/DEFERRED
					12511112 (7 Q10)	HARVEST10 OTHER (SPECIFY)11
				NO2(► NEXT SECTION)	NO2	FOR OPTION 9 and 10 (▶Q6d)
				1		FOR ALL OTHER OPTIONS (► NEXT
		CROP NAME	CODE			PLOT/CROP)
1						
_						
٦						

			4a.		4b.	4c.	5.	6.			
		CAPI: IS THIS CROP ON	When did	your	Was the area	Why was the area	During the 2018/2019 agricultural	How much [CROP]	in total did you	r household h	narvest from
			household	start the	harvested of	harvested of [CROP] on	season, approximately what percent	[PLOT] during the 2	2018/2019 agrid	cultural (rainy	) season?
		[TREE/PERMANENT	harvest of	[CROP]	[CROP] on	[PLOT] less than the area	of [PLOT] planted with [CROP] was		_		
		CROP]?	from [PLO]	Γ]?	[PLOT] less		harvested?				
			-	-	than the area						
Р	С				planted?						
L	R					HAVE NOT COMPLETED					
0	0					HARVEST1					
Т	Р					DROUGHT2 FLOODING3					
						PESTS4		SEE UNIT COD	ES		
1	1					CIVIL UNREST/ VIOLENCE5	3/4 THREE QUARTERS (75%)75 2/3 TWO THIRDS (66%)66				
D	D					THEFT6	1/2 HALF (50%)50			CONDITION	
						DISAGREEMENT ON LAND OWNERSHIP7	1/3 ONE THIRD (33%)33 1/4 ONE QUARTER (25%)25		UNSHE	LLED (on the	
						UNABLE TO WORK DUE TO SICKNESS8	_,			e the pod/she ED (removed t	
						NO AVAILABLE				od/shell)	
		YES1 (► NEXT SECTION)			YES1	LABOUR9 OTHER (SPECIFY)10					
		NO2			NO2 (▶Q6)		PERCENT (%) OF PLANTED PLOT	QUANTITY	UNIT	SIZE	CONDITION
			MONTH	YEAR			AREA	QOANTITI	ONT	JIZL	CONDITION
1											
<u> </u>											
$\vdash$											
$\vdash$											
$\vdash$											

6a.	6b.	6c.		6d.	6e.					
What is the	Has your	When did yo	our	How much more	Who in the					
estimated	household	household o	complete	harvest from [PL	household made or					
value of the	completed	harvest?						will make decisions		
[CROP]	harvest of							concerning the use of		
harvested	[CROP] from							the total harvested		
from [PLOT]	[PLOT]?									
during										
2018/2019								SELECT ALL THAT		
agricultural								APPLY		
(rainy)				SEE	UNIT CODES					
season?										
						CONDITION SHELLED (on the				
						side the pod/sh ELLED (removed				
						b/pod/shell)				
1	YES1									
	NO2 (▶ Q6d)	(▶(	Q6e)					†		
NAIRA		MONTH	YEAR	QUANTITY	UNIT	SIZE	CONDITION	ID CODE		
		<u> </u>				l				

		2.	7.	8.		9.	10.	11.	12.	
		CAPI: IS THIS CROP ON	In the last 12	When did your	household	Were there any	What was the main cause of	Has your	When did y	our
		[PLOT] A	months, has	start the harves	t of [TREE	losses of [TREE /	losses of the [TREE /	household	household	complete
		[TREE/PERMANENT	your household			PERMANENT	PERMANENT CROP]?	completed	the harvest	
		CROP?	harvested any	[PLOT] in the la	st 12	CROP] before		harvest of the	PERMANEN	IT CROP]
Р	С		[TREE /	months?		the last		[TREE /	from [PLOT	]?
L	R		PERMANENT			completed		PERMANENT		
0	0		CROP] from			harvest?		CROP] from		
T I D	P I D	YES1	[PLOT]?			YES1	DROUGHT. 1 TOO MUCH RAIN. 2 EROSION. 3 FIRE. 4 INSECTS. 5 ANIMALS. 6 CROP THEFT. 7 DISEASES. 8 COMMUNITY PROBLEMS. 9 LACK OF HIRED LABOR. 10 OTHER(SPECIFY). 11	[PLOT]?  YES1  NO2 (▶		
			NO2 (► NEXT			NO2 (▶Q11)		NEXT CROP)		
		NO2 (► NEXT SECTION)	CROP)	MONTH	YEAR	, ,		,	MONTH	YEAR
	1									1

13.				14
How much [TR	EE / PERMANEN	What is the estimated		
harvest during	the last 12 mor	value of the [TREE /		
		PERMANENT CROP]		
				harvested from [PLOT]
				during the past 12
				months?
SEE UNI	T CODES			
	UNSHI	CONDITION ELLED (on the	cob,	
	insid	de the pod/sh	nell)1	
		DED (removed pod/shell)		
QUANTITY	UNIT	SIZE	CONDITION	NAIRA
	1			•
				<u> </u>
-				+
				<del>                                     </del>
				†
				†
	t			
			<u> </u>	

FLAP E: CROP ROSTER (use with Section A3.ii)

	1.	2.
	LIST ALL <b>HARVESTED</b> CROPS FROM FLAP D. DO	CROP CODE
С	NOT LIST CROPS MORE THAN ONCE. IF THE	
R	RESPONDENTS HARVESTED MAIZE FROM 2	
0	DIFFERENT PLOTS, LIST MAIZE ONCE.	
Р		
Ν		
U		
М		
В		
Ε		
R		
	CROP NAME	CODE
_		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

#### SALE OF UNPROCESSED CROP

_			SALE OF UNPROCESSED CROP							
	5.		3.	4.		5.	6.	7.	8.	
	CAPI: IF ONLY ONE [CI	ROP] OR REPORTED	Did your	When did yo	our	Of the [QTY] [UNIT]	What was the	Where did your household	Who in your	
	HARVEST IN SAME UN			household sell the		[CONDITION] of [CROP]		sell most of the unprocessed		
С	CROP HARVEST, THEN	I COMPUTE THE	any unprocessed	unprocessed	d [CROP]?	The state of the s	of [CROP]?	[CROP] harvested during the		
R	TOTAL HARVEST HERE		[CROP] since the			of it did your household		[YEAR] agricultural season?	responsible	
0	OTHERWISE, ENUME		harvest?			sell?			for taking the	
Р	What was the total qu	uantity of [CROP]							[CROP] to the	
	harvested?							ROADSIDE1	market and/or	
Ν								MOBILE MARKET2 LOCAL MARKET3	negotiating	
U	SEE UNIT CODES					SEE UNIT CODES		PRIVATE TRADER IN LOCAL MARKET4	sale?	
М								LOCAL MERCHANT/	SELECT ALL	
В								GROCERY5 MAIN MARKET6	SELECT ALL	
E			YES1					PRIVATE TRADER IN MAIN MARKET7	THAT APPLY	
R								PRIVATE COMPANY/ BUSINESS PERSON8		
		1	NO2(▶Q11)					FARMGATE9		
	QUANTITY	PROD. UNIT CODE		MONTH	YEAR	QUANTITY	NAIRA	OTHER, SPECIFY99	ID CODES	
	·					-				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
	•	•			·	<u> </u>	•			

## OTHER CROP DISPOSITION

$\overline{}$			I		1		1
		10.	10a.	11aa.	12a.	13a.	14a.
		How promptly were	Was any of the [CROP] harvested by your	Of the [QTY] [UNIT]	Of the [QTY]	Of the [QTY] [UNIT] [CONDITION]	Of the [QTY] [UNIT]
	household	your household paid	household?	[CONDITION] of	[UNIT]	of [CROP] harvested, how much of	[CONDITION] of
С	decides on the	for the sale of [CROP]?		[CROP] harvested,	[CONDITION] of	it was <b>consumed</b> by your	[CROP] harvested,
R	use of the		STORED FOR FUTURE USE (SALE,	how much of it was	[CROP]	household?	how much of it was
0	earnings from		CONSUMPTION, SEED)	stored FOR FUTURE	harvested, how		given as payment for
	sales of		CONSUMED BY HOUSEHOLD3(▶Q13a)	USE (sale,	much of it was	IF PROCESSED FOR	labor (in kind
	[CROP]?		GIVEN AS IN-KIND PAYMENT FOR LABOUR4(▶Q14a)	consumption,	used as animal	CONSUMPTION, INCLUDE IT HERE	payment)?
N		AT THE TIME OF	GIVEN AS IN-KIND PAYMENT FOR	seed)?	feed?	AS PART OF THE RAW PRODUCT	
	SELECT ALL	THE SALE1 WITHIN ONE	NON -LABOUR	,			IF NONE, RECORD "0"
М	THAT APPLY	WEEK2	SHARECROPPING	IF NONE, RECORD	IF NONE,		,
В		WITHIN ONE MONTH3	GIVEN AS GIFTS	"0"	RECORD "0"		
E		ONE MONTH OR	ROTTING, INSECTS, RODENTS, THEFT, ETC8(▶Q18a)				
R		MORE4	SOLD AFTER PROCESSING (MILLED,				
1			GROUND, DRIED, COOKING OIL PREPARATION, ETC.)9(▶Q18)				
	ID CODES			QUANTITY	QUANTITY	QUANTITY	QUANTITY
ш							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

## SALE OF PROCESSED CROP

	15a.	16a.	17a.	18a.	18.	25.	20a.		
	Of the [QTY] [UNIT]	Of the [QTY] [UNIT]	Of the [QTY] [UNIT]	Of the [QTY] [UNIT]	Of the [QTY] [UNIT]	What was the main	What was the to	tal quantity of th	ne main
	[CONDITION] of	[CONDITION] of	[CONDITION] of	[CONDITION] of	[CONDITION] of [CROP]		processed produ	ict [CROP] sold?	
С	[CROP] harvested, how	[CROP] harvested,	[CROP] harvested,		harvested, how much	done to [CROP] for the			
R	much of it was given	how much of it was	how much of it was		of it was <b>processed</b>	sold processed crop?			
О	as payment for non-	given as	given as gifts?		and sold (ground,				
Р	labor (in kind	reimbursement for			milled, dried,				
	payment)?	share-cropping?	IF NONE, RECORD "0"	insects,	roasted, oil extraction,	DDUTYG 1			
N				rodent, theft, etc?	fruit juice, etc)?	DRYING1 MILLING2			
U	IF NONE, RECORD "0"	IF NONE, RECORD "0"				GRINDING3 ROASTING4			
M					IF NONE, RECORD "0"	FRYING5			
В				"0"		EXTRACTION6			
E						JUICE EXTRACTION7			
R						OTHER (SPECIFY)99			
						(BFECIFI)99	_		
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY		QUANTITY	UNIT	SIZE
Ξ	<u> </u>			1		<u> </u>			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
		I .	1	1			1		

	21.	22.	23.	26.	27.
	What is the total	Who in your	Who in the	Does the	What is the MAIN
	value of the sales		household	processing of	source of electricity
С	of processed	responsible for	decides on	[CROP] require	used for processing
R	[CROP]?	•	the use of	electricity?	[CROP]?
O P			the earnings from the		
		negotiating sale?	sale of		PHCN
N		SELECT ALL THAT	[CROP]?		ELECTRICITY1 GENERATOR2
U		APPLY	SELECT ALL		SOLAR PANEL3 BIOMASS / CROP
M B		AFFLI	THAT APPLY		RESIDUE4 MINI-HYDRO5
E			IIIAI AITEI	YES1	OTHER
R				NO2 (▶ NEXT	(SPECIFY)6
, n				CROP)	
	NAIRA	ID CODE	ID CODE		
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
12					
13					
14					
15					

		CAPI	1a.	1b.	1c.	1d.			
		WAS [CROP]	Since [CROP] was	Since [CROP] was	Since [CROP] was	What activities has [NAME] perfomed on [CROP] since your			
		HARVESTED	harvested, which	harvested, on how	•	household harvested it?			
		DURING THE	household members	many days has	hours per day did				
		AGRICULTURAL	did any type of	[NAME] worked on	[NAME] typically	SELECT ALL THAT APPLY			
	ı	SEASON	activity on [CROP]	any <b>post-harvest</b>	work on <b>post-harvest</b>				
	N	2018/2019?	after its harvest?	activities for [CROP]?	activities for [CROP]?				
	D								
С	1		SELECT ALL THAT						
R	٧		APPLY						
0	1								
Р	D 								
١.	U								
D	A L								
٦٢	-								
	ı	YES1							
		NO2(▶ NEXT							
		CROP)							
						<u> </u>			
						Shelling/Threshing/		Processing (milling,	
			ID CODE	DAYS (TOTAL)	HOURS PER DAY	Peeling Dryin	g Cleaning	grinding, grating, cooking	
						Ŭ L		oil production, etc)	
1	1								
1	2								
1	3								
1	4								
1									
2	1								
2	2								
2	3								
2	4								
i	:								

#### HIRED LABOR

			HIKED LABOR								
		CAPI	2.	3.	4.	5.	6.	7.			
		WAS [CROP]	Since [CROP] was	Since [CROP]	Since [CROP]	During those	Normally,	Since [CROP] was h	arvested, w	hat <b>post-ha</b>	rvest activities did
		HARVESTED	harvested, has your	was harvested,	was		how much did	[PERSON TYPE] per	fom on <b>pos</b>	t-harvest ac	ctivities on [CROP]?
		DURING THE	household hired	how many	harvested,		your				
			any [PERSON TYPE]	-		1 -	household	SELECT ALL THAT A	PPLY		
		SEASON	· ·	•	days did a	TYPE] worked					
	Р	2018/2019?		household hire			the hired				
	E		(shelling, threshing,			· ·	[PERSON] to				
С	R		, 0,		-		-				
R	S		<u>o</u> ,		harvest		harvest				
0	0		grinding,cooking oil			1	activities on				
Р	N		production, etc.)		[CROP]?	work?	[CROP]?				
			for [CROP]?								
ı	Т						INCLUDE IN-				
D	Υ						KIND				
	Р						PAYMENTS				
	E	YES1									
		NO2(▶NEXT									
		PERSON-	YES1								
		TYPE/CROP)	NO2 (► NEXT								
			PERSON-		5.416	HOURS PER	NAIRA PER	Shelling/Threshing			Processing (milling,
			TYPE/CROP)	NUMBER	DAYS	DAY	DAY	/Peeling	Drying	Cleaning	grinding, grating, cooking oil production, etc)
			TTFL/CROF								on production, etc)
	NAFNI										
	MEN										
1	WOMEN										
1	CHILDREN (UNDER 15)										
2	MEN										
2	WOMEN										
2	CHILDREN (UNDER 15)										
3	MEN										
3	WOMEN										
3	CHILDREN (UNDER 15)										
i	1										

#### **EXCHANGE LABOR**

EXCHANGE LABOR							
8.	9.	10.	11.	12.			
Since the [CROP] was	Since [CROP]	Since [CROP]	During those	Since [CROP] was h	narvested, w	hat activit	ies did hired [PERSON
harvested, have any	was harvested,	was harvested,	days when	TYPE] perfom on <b>p</b>	ost-harvest	activities	on [CROP] without pay?
[PERSON TYPE] from	how many	how many days	[PERSON				
other households	[PERSON TYPE]	did a typical	TYPE] worked	SELECT ALL THAT A	PPLY		
worked on post-	worked on <b>post</b> -	[PERSON] work	without pay				
harvest activities this	harvest	wihtout pay on	on <b>post-</b>				
[CROP] free of	activities on	post-harvest	harvest				
charge, as exchange	[CROP] without	activities on	activities on				
labourers or to assist	pay?	[CROP]?	[CROP], how				
for nothing in return?			many hours				
			per day did a				
			typical				
			[PERSON]				
			work?				
YES1							
NO2 (►NEXT							Processing (milling,
PERSON-TYPE/CROP)	NUMBER	DAYS	HOURS PER	Shelling/Threshing	Drying	Cleaning	grinding, grating, cooking
			DAY	/Peeling			oil production, etc)

1a.		1.	2a.	2.	6.	7.
Does your household ► NEXT ITEM	YES1 NO2 (►NI	does your household own in total?  ONLY CONSIDER ITEMS THAT ARE CURRENTLY FUNCTIONING	Is [ITEM] owned by  ENTIRE HOUSEHOLD1 (> Q6) SPECIFIC HOUSEHOLD MEMBERS2	Which person(s) in the household members owns(own) this [ITEM]? SELECT ALL THAT APPLY	time in the last 12 months?	How much (NAIRA) in total did your household receive from the rental of [ITEM]?
ITEM	ITEM CODE	NUMBER		ID CODES	YES1 NO2( ► NEXT ITEM)	NAIRA
Tractor	301					
Plough	302					
Trailer/Cart	303					
Ridger	304					
Planter	305					
Pickup	306					
Harvester	307					
Water pump	308					
Sprinkler	309					
Sprayer	312					
Outboard motor	313					
Canoe	314					
Boat	315					
Fishing net	316					
Wheelbarrow	318					
Cutlass	319					

	1a.		2.	3.	<b>3</b> a.	9.
	During the agricultural seasor	1	Who in your	How many times did	Which topic(s) did your household	On average, how useful was
	2018/2019, did you or anyon	e in your	household received	someone from	receive information from/through	the advice / information
s	household receive any agricul	ltural	advice/information	[SOURCE] visit any	[SOURCE] on?	received from [SOURCE]?
o	advice from/through [SOURC	E]?	through [SOURCE]	household member's		
U			during this	farm during this		
R	ASK FOR EACH TOPIC BEFORE	(► Q2).	agricultural (rainy)	agricultural (rainy)	NEW SEED VARIETIES1	
С			season?	season?	PEST CONTROL2 FERTILIZER USE3	
Е	IF NO TO ALL (► NEXT SECTIO	N)			IRRIGATION4	
С		,	PROBE & SELECT	RECORD THE TOTAL	COMPOSTING (MANURE)5 MARKETING/CROP SALES6	
o			ALL THAT APPLY	FOR THE ENTIRE	GROWING/SELLING TOBACCO.7	
D				HOUSEHOLD	ACCESS TO CREDIT8 FORESTRY9	VERY USEFUL1 SOMEWHAT USEFUL2
Е				11003211025	GENERAL ANIMAL CARE10	NOT VERY USEFUL3
					ANIMAL DISEASES / VACCINATION11	NOT USEFUL4 HARMFUL5
					FISHERY PRODUCTION12	
			ID CODES	NUMBER		
F						
1	Government Agricultural Extension Service					
2	Private Agricultural					
	Extension Service					
3	Government Fishery					
1	Extension Service NGO					
	Agricultural Cooperative /					
5	Farmers' Association					
6	Fishing Cooperative					
7	Farmer Field Days /					
	Field School					
8	Village Agricultural					
9	Extension Meeting Agricultural Extension					
Ĭ	Course					
10	Lead Farmer					
11	Peer Farmer					
46	(Neighbor / Relative)					
12	Electronic Media (TV, Radio, Etc)					
13	Paper Media					
L	(Handouts/Flyers)					
14	Other (Specify)					

				CATCHES/HAR	VEST	SALES					CONSUMPTION	
		1.	2.	3.		4.	5.	6.		7.	8.	
		In the last 12 months	In the last 12	How much fish d	id you, other	Did your	For how many	What was the quantity	y of fish	During the weeks	What was the qua	ntity of fish from
		did you or other	months, how many	members of you	r household and/or	household sell any	weeks did your	from [SOURCE] that yo	ou and/or	of operation,	[SOURCE] that you	ır household
		members of your	weeks have you or	any hired fishers	catch or harvest	of the fish	household sell	other members of you	ır	what was the	consumed on ave	age per week in
		household and/or any	other members of	from [SOURCE] o	n average per week	produced from	fish from	household sold on ave	erage per	average price per	the last 12 months	s?
		hired fishers produce	your household	in the last 12 mo	nths?	[SOURCE] during	[SOURCE] in the	week in the last 12 mc	onths?	unit of the fish		
		any fish from	and/or any hired			the last 12	last 12 months?			you sold from		
		[SOURCE]?	fishers produced			months?				[SOURCE] per		
			fish from [SOURCE]?	UNIT CODES	FOR FISH:			UNIT CODES FOR FI	SH:	packaging unit?	UNIT CODES FO	D PTCU.
F				KILOGRAM	1			KILOGRAM	1		UNII CODES FO	K FISH:
Li				(-				,			KILOGRAM	1
				10 KG BAG.(S	MALL)2			5 KG BAG.(SMALL). 10 KG BAG MEDIUM)			5 KG BAG.(SMA	LL)2
S				(MEDIUM)	3			25 KG BAG.(BIG/LA			10 KG BAG MED	
Н				25 KG BAG.(	BIG/LARGE).4			PIECE SMALL	80		25 KG BAG.(BI	G/LARGE).4
					80			PIECE MEDIUM	81		PIECE SMALL	
					M81			PIECE LARGE	82		PIECE MEDIUM. PIECE LARGE	
1								HEAP SMALL				
D					90 I91			HEAP MEDIUM			HEAP SMALL HEAP MEDIUM	
					92			HEAF DARGE			HEAP LARGE	
				DACKEE CMAI	L140			BASKET SMALL BASKET MEDIUM			BASKET SMALL.	140
					UM141			BASKET MEDIUM			BASKET MEDIUM	
				BASKET LARG	E142				150		BASKET LARGE.	142
				BASIN SMALL	150			BASIN SMALL BASIN MEDIUM			BASIN SMALL	150
				BASIN MEDIU	M151			BASIN LARGE			BASIN MEDIUM.	151
				BASIN LARGE	152						BASIN LARGE	152
		YES1				YES1						
		NO2 (▶NEXT SOURCE)	WEEKS	QUANTITY	UNIT	NO2 (▶Q8)	WEEKS	QUANTITY	UNIT	NAIRA	QUANTITY	UNIT
<u> </u>		SOURCE)										
l .												
1	Fishing/Capture											
	Fish farming/											
٦	Aquaculture											
2	Aquaculture											

#### CROP CODES

CROP	CODE	CROP	CODE
BEANS/COWPEA	1010	GARDEN EGG	2080
CASSAVA	1020	GARLIC	2090
COCOYAM	1040	GINGER	2100
COTTON	1050	OKRO	2120
GROUND NUT/PEANUTS	1060	ONION	2130
GUINEA CORN/SORGHUM	1070	SWEET/BELL PEPPER (TATASHE)	2141
MAIZE	1080	SMALL PEPPER (RODO)	2142
MELON	1090	CHILLI PEPPER (SHOMBO)	3030
MILLET/MAIWA	1100	PIGEON PEA	2150
RICE	1110	PINEAPPLE	2160
WHITE YAM	1121	PLANTAIN	2170
YELLOW YAM	1122	IRISH POTATO	2180
WATER YAM	1123	SWEET POTATO	2181
THREE LEAVE YAM	1124	PUMPKIN	2190
ACHA	2010	GREEN VEGETABLE	2194
BAMBARA NUT	2020	SOYA BEANS	2220
BANANA	2030	SUGAR CANE	2230
BEENI-SEED/SESAME	2040	TEA	2240
CARROT	2050	TOBACCO	2250
CUCUMBER	2060	TOMATO	2260
CABBAGE	2070	WALNUT	2270
LETUS	2071	WHEAT	2280

CROP	CODE
ZOBO	2290
APPLE	3010
CASHEW	3020
COCOA	3040
COCONUT	3050
COFFE	3060
GRAPE FRUIT	3080
GUAVA	3090
KOLANUT	3110
LEMON	3120
LIME	3130
MANDARIN/TANGERINE	3150
MANGO	3160
ORANGE	3170
OIL PALM TREE	3180
AGBONO(ORO SEED)	3190
OIL BEAN	3200
PAWPAW	3210
PEAR	3220
AVOCADO PEAR	3221
RUBBER	3230
OTHER(SPECIFY)	9999

#### **SEED UNIT CODES**

UNIT	CODE
Kilograms (Kg)	1
Grams (g)	2
Litres (I)	3
Centilitres (cl)	4
Bin/basket	10
Paint Rubber	11
Milk cup	12
Cigarette cup	13
Tin	14
Congo small	20
Congo large	21
Mudu Small	30
Mudu Large	31
Derica Small	40
Derica Medium	41
Derica Wicdidiii Derica Large Derica Very Large	42
Derica Very Large	43
Tiya Small	50
Tiya Medium	51
Tiya Large	52
Kobiowu Small	60
Kobiowu Medium	61
Kobiowu Large	62
Bowl Small	70
Bowl Medium	71
Bowl Large	72

UNIT	CODE
Piece Small	80
Piece Medium	81
Piece Large	82
Heap Small	90
Heap Medium	91
Heap Large	92
Bunch Small	100
Bunch Medium	101
Bunch Large	102
Basket Small	140
Basket Medium	141
Basket Large	142
Basin Small	150
Basin Medium	151
Basin Large	152
Bundle Small	160
Bundle Medium	161
Bundle Large	162
Wheelbarrow	170
Pick-up	180
Other (specify)	900

#### **CROP PRODUCTION UNIT CODES**

Kilograms (Kg)         1           Grams (g)         2           Litres (I)         3           Centilitres (cl)         4           Bin/basket         10           Paint Rubber         11           Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Small         70           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Medium         91           Heap Large         92 </th <th>UNIT</th> <th>CODE</th>	UNIT	CODE
Litres (I)         3           Centilitres (cl)         4           Bin/basket         10           Paint Rubber         11           Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Medium         61           Kobiowu Small         70           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Medium         91	Kilograms (Kg)	1
Centilitres (cl)         4           Bin/basket         10           Paint Rubber         11           Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Medium         91		2
Bin/basket   10   Paint Rubber   11   Milk cup   12   Cigarette cup   13   Tin   14     Congo small   20   Congo large   21     Mudu Small   30   Mudu Large   31     Derica Small   40   Derica Medium   41   Derica Large   42   Derica Very Large   43     Tiya Small   50   Tiya Medium   51   Tiya Large   52     Kobiowu Small   60   Kobiowu Medium   61   Kobiowu Large   62   Bowl Small   70   Bowl Medium   71   Bowl Large   72   Piece Small   80   Piece Medium   81   Piece Large   82   Heap Small   90   Heap Medium   91   Piece Medium   91		3
Paint Rubber         11           Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Centilitres (cl)	4
Paint Rubber         11           Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Milk cup         12           Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Cigarette cup         13           Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Tin         14           Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Congo small         20           Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91	1111	14
Congo large         21           Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Congo small	20
Mudu Small         30           Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91		21
Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91	- 5 - 5	
Mudu Large         31           Derica Small         40           Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Hedium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Mudu Small	30
Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		31
Derica Medium         41           Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Derica Large         42           Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Derica Very Large         43           Tiya Small         50           Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Tiya Small 50 Tiya Medium 51 Tiya Large 52  Kobiowu Small 60 Kobiowu Medium 61 Kobiowu Large 62  Bowl Small 70 Bowl Medium 71 Bowl Large 72  Piece Small 80 Piece Medium 81 Piece Large 82  Heap Small 90 Heap Medium 91		
Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Derica Very Large	43
Tiya Medium         51           Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Tiva Small	50
Tiya Large         52           Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Tiya Medium	
Kobiowu Small         60           Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	7	
Kobiowu Medium         61           Kobiowu Large         62           Bowl Small         70           Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Kobiowu Small	60
Bowl Small   70		61
Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Kobiowu Large	62
Bowl Medium         71           Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91		
Bowl Large         72           Piece Small         80           Piece Medium         81           Piece Large         82           Heap Small         90           Heap Medium         91	Bowl Small	70
Piece Small 80 Piece Medium 81 Piece Large 82 Heap Small 90 Heap Medium 91	Bowl Medium	71
Piece Medium 81 Piece Large 82 Heap Small 90 Heap Medium 91	Bowl Large	72
Piece Medium 81 Piece Large 82 Heap Small 90 Heap Medium 91		
Piece Large 82  Heap Small 90  Heap Medium 91	Piece Small	80
Heap Small 90 Heap Medium 91	Piece Medium	81
Heap Medium 91	Piece Large	82
Heap Medium 91		
	Heap Small	90
Heap Large 92	Heap Medium	91
	Heap Large	92

THOM UNIT CODES	
UNIT	CODE
Bunch Small	100
Bunch Medium	101
Bunch Large	102
St. II. S	•
Stalk Small	110
Stalk Medium	111
Stalk Large	112
Dacket/cachet Cres!	120
Packet/sachet Small	120
Packet/sachet Medium	121 122
Packet/sachet Large	122
Sack/Bar Cre-II	120
Sack/Bag Small	130
Sack/Bag Medium	131 132
Sack/Bag Large	132
Basket Small	140
Basket Smail Basket Medium	140
Basket Large	141
Dudiner Luige	172
Basin Small	150
Basin Medium	151
Basin Large	152
Bundle Small	160
Bundle Medium	161
Bundle Large	162
Wheelbarrow	170
Pick-up	180
Jerry can/rubber 10 Litres	190
Jerry can/rubber 20 Litres	191
Jerry can/rubber 25 Litres	192
Jerry can/rubber 50 Litres	
Jerry Carry Lubber 50 Litres	193
Other (specific)	000
Other (specify)	900