

**Survey Questionnaire**  
**Czech University of Life Science Prague**  
**Faculty of Tropical AgriSciences**  
**Department of Economics and Development**

Dear Sir/Madam,

**The assessment of Post-harvest management practices and food security of cassava among small-scale farmers in Ijebu-Ode Local Government Area, Ogun-State, Nigeria**

I am an MSc student in the Department of Economics and Development, Czech University of Life Science Prague. I am writing to enlist your support to fill out this questionnaire for a survey on **the assessment post-harvest management practices and food security of cassava among small-scale farmers**. This questionnaire will only take about 15-20 minutes to complete and I appreciate your time and support. Please note that the information provided is purely for academic purpose. It will be treated with utmost confidentiality and the identity of your establishment will not be disclosed to a third party.

Thanks for your co-operation

Name:

Do I have your permission to continue this survey?	Yes
	No

<b>SURVEY IDENTIFICATION</b>	
Location	
Village	
Local Government Area	
Language of interview	
Date of interview	

**INSTRUCTIONS:**

- i. Please read the questions carefully

- ii. Tick or mark the appropriate answers in the box at the right side
- iii. Feel free to express your mind where you are required to specify
- iv. There is no right or wrong answer

**Section A: Socio-Demographic Characteristics**

No	Questions	Response	Code
1	How old are you?	30– 40 years 41– 50 years 50 years and above 106	1 2 3
2	What is your gender?	Male Female	1 2
3	What is your marital status?	Single Married Separated/Divorced Other(please specify).....	1 2 3 99
4	Number of household?	1-3 members 4-5members 6 and above members	1 2 3
5	Highest educational qualification?	No formal education Primary education Secondary education Tertiary education Postgraduate education	1 2 3 4 5
6	Type of family do you belong to?	Monogamous Polygamous	1 2

**Section B: Respondent’s farming experience**

No	Questions	Response	Code
7	If yes, how many years were you in farming business?	Less than 5years 5-10years 11 years and above	1 2 3
8	What is the average size of your farm?	Less than 1 acre	1

		1-2acres	2
		3-4acres	3
		Above 5 acres	4
9	Which of the following factors did you consider as the most important factor for selecting the site for your farm?	Fertility of the soil	1
		Nearness to residence	2
		Accessibility	3
		Price of the land	4
		Availability of water	5
		Good road network	6
		Availability of labour	7
10	What is your mode of farming?	Manual	1
		Mechanized	2
		Combined	3

### Section C: Membership in cassava farmers

No	Questions	Response	Code
11	Are you a member of any Cassava Farmers Association?	Yes	1
		No	2
12	Name of the association you belong to	Young farmers' cooperative society	1
		Small and Medium Scale Farmers Association	2
		Ijebu-ode farmers' cooperative society	3
		Other	4
			99
13	How many members are in the association?	Less than 10members	1
		10 to 20 members	2
		21members and above	3
14	What facility/support does the Association provide you?	Soft loans	1
		Farm implements	2
		Fertilizers, chemicals etc.	3
		Education and Training	4
15	Does your Association receive any support from the government and other N.G.Os?	Yes	1
		No	2

16	If yes, what type of support?	Education and Training	1
		Provision of farm inputs	2
		Relay of information	3
		Facilitation of loans from banks	4
		Other (please specify).....	99

#### Section D: Harvesting of cassava crops

No	Questions	Response	Code
17	Have you had any form of training in harvesting cassava?	Yes	1
		No	2
18	If yes, what form of training?	Informal	1
		Formal	2
		Both	3
19	How many times do you harvest cassava in a season?	Once	1
		Twice	2
		Three times	3
		When necessary	4
20	At what period of the day do you harvest the crops?	Morning	1
		Afternoon	2
		Evening	3
		Any time of the day	4
21	Which among the following devices do you used in harvesting cassava?	Handpicking	1
		Traditional tools	2
		Medium technology	3
		Advanced	4
22	Are there enough processing factories in your area to process cassava?	None	1
		Yes	2
		Few	3
23	Have you consulted any of them to process your crops?	Yes	1
		No	2
24	Do you export some of the harvested crops?	Yes	1
		No	2

### Section E: Post-harvest management practice and food security of cassava

No	Questions	Response	Code
25	What method do you use to store cassava?	Left in the soil Barn Plastic bowls Others (please specify).....	1 2 3 99
26	What is your means of transporting cassava from your farm?	Vans/Trucks Open buses (Pickup) Taxis Others (please specify).....	1 2 3 99
27	How would you classify the nature of the roads from to farm?	Poor Fairly good Good Very good	1 2 3 4
28	What is your mode of packaging cassava?	Baskets Polythene Sacks Plastic bowls Others (please specify).....	1 2 3 99
29	What method(s) do you often used to control weeds on your farm?	Use of Agro-chemicals Growing of cover crops Weeding by human labour Intercropping	1 2 3 4
30	What method do you mostly used to control the pests?	Use of chemicals Cultural methods Biological methods Physical methods	1 2 3 4
31	How many tonnes of garri do you produce per hectare?	Less than 5t/ha 5-10 t/ha 10t/ha	1 2 3
32	How are the crops marketed?	Direct sales to consumers Through market women	1 2

		To processors	3
		Sold exporters	4
33	What do you do with excess produce?	For processing	1
		Sell cheaply	2
		Dried for future use	3
		Discard them	4
34	What criteria do you use to grade crops after harvesting?	Variety and weight	1
		Size and shape	2
		Others <sup>29</sup>	3
35	How much do you sell a bag of 'garri'?	Below 5000	1
		5000- 10000	2
		10000 above.	3

#### Section F: Factors that lead to post-harvest losses of cassava

No	Questions	Response	Code
36	Have you ever experience any loss before the harvesting period?	Yes	1
		No	2
37	If yes, how often?	Most time	1
		At times	2
		Rarely	3
38	Which of the following factors did you considered as the major cause?	Insects and pests	1
		Weeds	2
		Improper cultivation	3
		Predators	4
		Others (please specify).....	99
39	Have you ever experience any loss during the harvesting period?	Yes	1
		No	2
40	If yes, how often?	Most time	1
		At times	2
		Rarely	3
41	Which of the following factors did you considered as the major cause?	Use of bad harvesting tools	1
		Adverse weather	2
		Mishandling	3

		Predators	4
		Pests and diseases	5
		Others (please specify).....	99
42	Have you ever experience any loss after the harvesting period?	Yes	1
		No	2
43	If yes, how often?	Most time	1
		At times	2
		Rarely	3
44	Which of the following factors did you considered as the major cause?	The initial quality of the crop	1
		Mechanical injury	2
		Temperature	3
		Storage atmosphere	4
		Others (please specify).....	99
45	At what stage of handling do you encounter the highest losses of cassava?	Before harvest period	1
		During harvest period	2
		After harvest period	3

#### **Section F: Constraints in adoption of post-harvest management practices of cassava**

<b>No</b>	<b>Questions</b>	<b>Response</b>	<b>Code</b>
46	Have you ever encountered any difficulties after harvesting of cassava	Yes	1
		No	2
47	If yes, which of the following issues did you considered as the major cause?	High fluctuation prices of cassava in market	1
		Non availability of processing units	2
		Inadequate storage facility	3
		Lack of transportation facility	
		Heavy incidence of storage pests	4
		Others (please specify).....	99
48	Were you able to manage it effectively?	Yes	1

		No	2
		Not sure	3
49	Have you try new method?	Yes	1
		No	2
50	Are you willing new method if introduced?	Yes	1
		No	2
		Not sure	3

**Section G: Strategies towards effective post-harvest management practices of cassava**

No	Questions	Response	Code
51	What do you suggest that it should be done towards adequate post-harvest management practices	There should be a continuous education and training for small-scale farmers	1
		There should be adequate storage facilities	2
		Banks and Government should provide financial assistance to small-scale farmers	3
		Small-scale farmers should be given the necessary help and education to meet export criteria.	4
		Ministry of agriculture should creates diseases and pests control programs	5
		The transportation system in the growing communities should be improved to reduce losses.	6
		Others (please specify).....	7