

Semi-structured questionnaire for value chain actors



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

QUESTIONNAIRE FOR *G. belina* (Mopane caterpillars) HARVESTERS AND TRADERS
Understanding the harvesting, processing, packaging and storage practices, associated with *G. belina*

Questionnaire number _____

Study area/Village _____

Name of Interviewer _____

Date DD/MM/YYYY _____

Start time _____

End time _____

DEAR PARTICIPANT

My name is Tatenda Rumbidzai Murefu. I am a Ph.D. student at Jaramogi Oginga Odinga University of Science and Technology (JOUST, Kenya) taking up a degree programme in Food Security and Sustainable Agriculture. I would like to gather information about the harvesting and post-harvesting practices that are employed for mopane caterpillars in the region. The purpose of gathering this information is to understand the mopane worm value chains, e.g. food safety along the chain, and look at possible opportunities to improve the chain in terms of food safety. This will help in increasing consumer acceptance and ultimately in encouraging purchase of the mopane caterpillar. All information obtained from this interview will be handled with utmost confidentiality and participants will remain anonymous.

Do you agree to allow me to ask you these questions?

Agree to participate ☐

Did not agree to participate ☐

Thank you, it will take about 20-30 minutes to complete the questionnaire. Please answer all the questions truthfully. Feel free to skip any question you may not be comfortable to answer.

SOCIO-DEMOGRAPHIC INFORMATION

These are questions about yourself. Please can you tell me a little about yourself?

1.	Gender	☐ Male ☐ Female
2.	What is your age?	_____
3.	What is your marital status	☐ Single ☐ Married ☐ Divorced ☐ Separated ☐ Widowed
4.	What is your family size?	_____
5.	What specific activity do you engage in to earn income	_____
6.	On average, what is your monthly income in US dollars	☐ Below 50 ☐ 50-100 ☐ 110-200 ☐ 210-300 ☐ 310- 400 ☐ Above 400
Harvesting of the mopane caterpillar		
7.	How long have you been harvesting mopane caterpillars?	☐ Less than 5 years ☐ 10 – 20 years ☐ 20+ years
8.	Which practices do you use for harvesting? Why?	
Processing practices		
9.	What are the first stage processing practices of mopane caterpillars?	1. 2. 3. 4. 5.

10.	What are the current packaging practices used for mopane caterpillars?	1. 2. 3. 4. 5.
11.	Why do you use those methods?	
12.	What are the current storage practices of mopane caterpillars?	1. 2. 3. 4. 5.
13.	Which, if any, of the practices mentioned will affect the safety of the product if not properly done? Give a reason why.	
WE HAVE COME TO THE END OF THE INTERVIEW. THANK YOU FOR TAKING YOUR TIME TO FILL THIS QUESTIONNAIRE		

Semi-structured questionnaire for consumers



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

QUESTIONNAIRE FOR <i>G. belina</i> (Mopane caterpillars) CONSUMERS Understanding the harvesting, processing, packaging and storage practices, and the consumption patterns associated with <i>G. belina</i>		
Questionnaire number _____		
Study area/Village _____		
Name of Interviewer _____		
Date DD/MM/YYYY _____		
Start time _____		End time _____
DEAR PARTICIPANT My name is Tatenda Rumbidzai Murefu. I am a Ph.D. student at Jaramogi Oginga Odinga University of Science and Technology (JOUST, Kenya) taking up a degree programme in Food Security and Sustainable Agriculture. We would like to gather information about mopane caterpillar consumption patterns. I will ask a few questions about yourself, and your consumption patterns with a particular attention on mopane caterpillars to enable us learn more about the utilisation of the insect in the diet. All information obtained from this interview will be handled with utmost confidentiality and participants will remain anonymous. Do you agree to allow me to ask you these questions? Agree to participate ☐ Did not agree to participate ☐		
Thank you for the opportunity to ask you these questions. It will take about 20-30 minutes to fill the questionnaire. Please answer all the questions truthfully. Feel free not to answer any question you may not be comfortable with.		
<u>SOCIO-DEMOGRAPHIC INFORMATION</u> These are questions about yourself. Please can you tell me a little about yourself?		
1.	Gender	☐ Male ☐ Female

2.	What is your age?	_____
3.	What is the highest level of education you have attained?	☐ None ☐ Primary ☐ Secondary ☐ Post-secondary
4.	What is your marital status	☐ Single ☐ Married ☐ Divorced ☐ Separated ☐ Widowed
5.	What is your current employment status	☐ Employed ☐ Unemployed
6.	What specific activity do you engage in to earn income	_____
Food Frequency semi-quantitative consumption information		
7.	How often do you consume mopane caterpillars?	☐ Never ☐ Seldom (less than once a month) ☐ 1–3 per month ☐ 1–2 per week ☐ 3–4 per week ☐ 5–6 per week ☐ Once a day ☐ 2–3 per day ☐ 4–5 per day ☐ 6+ per day
8.	What affects your consumption patterns?	
9.	How much mopane caterpillars do you consume per sitting, using household measurements as reported (cup, tablespoon etc.) or if you have the weight, please specify	
10.	How do you prepare/cook the mopane caterpillars?	
11.	Where to you purchase the caterpillars from?	

12.	What packaging material do you use to store mopane caterpillar?	
13.	How long does the produce stay?	
14.	Do you have any history of illness or allergies to mopane caterpillar consumption?	☐ Yes ☐ No
15.	If yes, what are the symptoms you experience?	
WE HAVE COME TO THE END OF THE INTERVIEW. THANK YOU FOR TAKING YOUR TIME TO FILL THIS QUESTIONNAIRE		

