

## SMALL-SCALE IRRIGATORS PROJECT (SIP)

### HOUSEHOLD QUESTIONNAIRE

The University of Sussex (UK) in collaboration with the Jahangirnagar University (Bangladesh), Bunda College of Agriculture (Malawi) and Mzumbe University (Tanzania) is conducting a survey as part of a research project that aims to understand how growth in small-scale irrigation could be achieved. Information collected through this process will be held in the strictest confidence and will be used to inform policy and practice. Participation is voluntary and you may choose not to respond to some questions or stop at any time. You will not be paid or rewarded for participating in this interview.

District	Ward	Village	Respondent Name

Please circle **ONLY ONE** applicable response

A. DEMOGRAPHIC AND LIVELIHOODS CHARACTERISTICS								
1. Gender of respondent: <i>(Observe and circle)</i>  <div style="text-align: right;">Female=1 Male=0</div>		2. What is your position in this household?  <div style="text-align: right;">Head of household=1 Spouse=2 Child=3 Other relative=4</div>						
3. What gender is the head of this household?  <div style="text-align: right;">Female=1 Male=0</div>		4. How old is the head of this household? <div style="text-align: right; margin-right: 50px;"> <input style="width: 80px; height: 20px;" type="text"/> </div>						
5. What is your highest level of education attained?  <div style="text-align: right;">None=1 Primary=2 Secondary=3 Tertiary=4</div>		6. How many people live in this household?  <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr style="background-color: #cccccc;"> <th style="width: 33%;">Adults</th> <th style="width: 33%;">Children</th> <th style="width: 33%;">Total</th> </tr> <tr> <td style="height: 30px;"></td> <td></td> <td></td> </tr> </table>	Adults	Children	Total			
Adults	Children	Total						
7. Have you always lived in this village?  <div style="text-align: right;">Yes=1 No=0</div>		8. If NOT, when did you come to this area?  Record year: <div style="text-align: right; margin-right: 50px;"> <input style="width: 100px; height: 30px;" type="text"/> </div>						

## B. AGRICULTURAL PRODUCTION

1. Could you please tell us a bit more about your farming?

	(a) How much land do you use?	What is the landholding for the land that you use?  Leasehold=1 Freehold=2 Sharecropping=3 Mix of above =4	What fertiliser do you use on your fields?  Chemical=1 Manure=2 Mix=3 Anthill soil=4 None=5	What crops do you grow?  Potatoes=1 Beans/peas=2 Maize=3 Rice=4 Leafy veg=5 Tomatoes=6 Other =7
Dry land				
Irrigation				

2. If maize is one of your crops, which varieties of maize do you grow, and on which field?

	Hybrid=1 Local=2 Mixed=3 Open pollinated=4 N/A=99
Dry land	
Irrigation	

3. Are there any crops that you only started growing within the last five years?

Dry land	
Irrigation	

4. Do you irrigate some of your crops?

Yes=1  
No=0

5. What is your source of irrigation water?

River=1  
Borehole=2  
Dam=3  
Wetland=4  
Swamp=5  
Other (*please state*)=6

6. Has water availability for irrigation changed in the last few years?

Strongly agree=1  
Somewhat=2  
Disagree=3  
Strongly disagree=4  
Not sure=5

7. If you agree, what do you think is the CAUSE of this decline?

## C. FARMING INFORMATION AND ADVICE

1. Have you used any of the following soil and water conservation techniques? Where did you obtain information about them?

Farming practice	Yes=1 No=0		Learned from:		The practice had a positive effect:	
			Neighbour=1 Lead farmer=2 Extension=3 NGO=4 Private company=5		Strongly agree=1 Somewhat agree=2 Disagree=3 Strongly disagree=4	
Conservation tillage						
Legume incorporation						
Water harvesting						
Crop rotation						
Use of compost manure						
Infiltration pits						

2. Have you ever used market or farming advice delivered through:

	Yes=1 No=0
Radio	
Television	
SMS	

3. Do you own any of these gadgets?

	Yes=1 No=0
Radio	
Television	
Cell phone	

4. Did you use the seasonal forecast in the last farming season?

Yes=1  
No=0

>>>If No, skip to 6

5. If Yes, was this:

	Yes=1 No=0
Local /traditional	
Meteorological based	
Both	

6. Does your household provide agricultural casual labour within or beyond this village?

Yes=1  
No=0

7. Are there any farming practices that you have learned through providing casual labour?

Yes=1  
No=0

**Thank you very much for your participation in this survey!!!**