

SPIA BIHS-Questionnaire 2024 (COMMUNITY QUESTIONNAIRE)

Outline

Module A: Community Identification

Module B: Infrastructure and Access to Facilities

Module C: Agricultural Practices

Module D: Seed Dealer

Module E: Fish Dealer

Module F: NRM of Capturing Fisheries

Module G1: Value of innovation

Module G2: Participation in Safety Net Programs

Recruitment Text

My name is I am an employee of the Data Analysis and Technical Assistance Limited (DATA), a Bangladeshi research organization based in Dhaka. Thanks for talking to me today.

Together with the Standing Panel on Impact Assessment (SPIA), Tufts University (USA) and International Food Policy Research Institute (IFPRI), we are conducting a further round of the BIHS (Bangladesh Integrated Household Survey) that your village had participated in 2018-2019. This survey will provide researchers at Tufts University, SPIA and IFPRI with necessary information to carry out research that is designed to help promote the welfare of Bangladeshis; particularly, to enhance agricultural development, improve food consumption and nutrition of the people.

The study involves:

- Participating in a survey for approximately 2 hours of your time to collect all the information pertaining to the infrastructure, agricultural practices, seed, and fish dealing information and access to safety net programs in your village
- The study will be in the form of a group survey/interview

To participate in the study, you must be at least 18 years old. Are you interested in participating in this study?

Who do I talk to if I have questions?

If you have questions, concerns, or have experienced a research-related injury, contact the research team at:

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Within Bangladesh, you may contact Md. Fuad Hasan at the Bangladesh Agricultural University. His contact details are:

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A1: Community Identification

1. Name of monitor:
2. Name of Supervisor:
3. Name of Interviewer:
4. Division(name):
5. District (name):
6. Thana/ Upazilla(name):
7. Union (name):
8. Village (name)
9. Village population in 2024 (This information can be obtained from the census (district level books) or from one of the local offices; so it may not be necessary to interview a key informant for this.):
10. Number of households in the village:
11. PSU Code:
12. Date of the Interview (dd/mm/yy):

Module A2: Respondent identification

1. What is the number of respondents
2. Name of the Respondent
3. Sex of the Respondent
4. Age of the respondent
5. Occupation of the Respondent(UP Chairman...1/UP Member2/UP Secretary/Treasurer3/Teacher ... 4/Large farmer ...5/Businessman ...6/Headman/karbari ...7/Seed dealer...8/Fish dealer...9/Other(specify) ...10)

Module B: Infrastructure and Access to Facilities

Focus group discussion with UP member, teacher, large farmer, businessman, seed dealer and fish dealer to obtain this information

Sl no	Name	Is the service “ _____”	If Yes, how	When did this service	GPS coordinat es for	
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		<p>” availab le in the village ?</p> <p>Yes 1 => next column No 0 => go to next row</p>	many?	begin operati ng in your village?	facility in village (keep GPS accuracy below 5)	
		Code ↑	Numb er	(year)	Latitude	Longitu de
CB0 1	CB02	CB03	CB04	CB05	CB06	CB07
1	Bazaar				Take GPS	
2	Internet cafe					
3	Fertilizer depot					
4	Local supply depot (LSD)					
5	Cold storage					
6	Rental grain storage godown /warehouse					
7	Cold storage (solar electricity)					
8	Milk chilling plant (specify, for					

	example BRAC/MilkVita etc)					
9	Livestock/poultry/ fish feed shop					
10	Veterinary clinic					
11	Seed dealer				Take GPS	
12	Fertilizer dealer				Take GPS	
13	Ration dealer for rice					
14	Ration dealer for wheat					
15	Rice mill					
16	Wheat mill					
17	Rental services providers (power tiller)				Take GPS	
18	Rental services providers (tractor)				Take GPS	
19	Rental services providers (harvester)				Take GPS	
20	Barind Multipurpose Development Authority (BMDA) local office					

21	Farmer's field school from 2018 onwards					
22	Fish fry seller				Take GPS	
23	Fish fingerling seller				Take GPS	

Module C: Agricultural Practices

[FGD with large farmer and seed dealers]

1. How many Axial Flow Pump (AFP) are there in the village?
2. How many low lift pump (LLP) are there in the village?
3. How many shallow tube well (STW) are there in the village?
4. How many deep tube well (DTW) are there in the village?
5. How many Seeder fertilizer drill are there in the village?
6. How many Bed planters are there in the village?
7. How many Reapers are there in the village?
8. How many solar pumps are there in the village?
9. How many power tillers are there in the village?
10. How many tractors are there in the village?
11. How many threshers are there in the village?
12. How many harvesters are there in the village?
13. What is the percentage of fields in the village that use Alternate Wetting and Drying (AWD)?
14. Does the village have canal irrigation scheme (eg: GK, Borendro project)?
15. Does anyone in the village check the color of the leaf of paddy to apply fertilizer?
16. Do you use a color chart in this regard?
17. How many suppliers of seed are there?
18. In the past 12 month, have the prices of seed remained stable, decreased, or increased?
 - Stable
 - Decreased
 - Increased
19. By how much have seed prices decreased or increased?
 - Less than 10%
 - More than 10%
20. How many suppliers of fish are there?
21. In the past 12 months, have the prices of fish remained stable, decreased, or increased?
 - Stable
 - Decreased
 - Increased

22. By how much have fish prices decreased or increased?

- Less than 10%
- More than 10%

23. What is the rental cost per acre of the following machineries:

- Power tiller
- Tractor

22. What is the fuel cost per acre of the following machineries:

- Power tiller
- Tractor

23. What is the machinery cost per acre for planting? [Constraint: 100-100,000]

24. What is the machinery cost per acre for fertilizer application? [Constraint: 0-100,000]

25. What is the machinery cost per acre for pesticide application? [Constraint: 100-100,000]

26. What is the machinery cost per acre for weeding? [Constraint: 100-100,000]

27. What is the machinery cost per acre for harvesting? [using combined harvester] [Constraint: 100-100,000]

28. What is the machinery cost per acre for harvesting? [using reaper] [Constraint: 100-100,000]

Code	Activities	Availability of labourers compared to demand 1=Excess compared to demand; 2=Normal compared to demand; 3=Insufficient compared to demand; 99=Not Applicable [If 99 go to next] [If 999 go to next]	If Daily, How many hours of work	If Daily, Wages (Tk.)	If Daily, Meal (Tk.)	If on contract basis, amount paid per acre (Tk.)
1	2	3	6	7	8	
Boro/Aus/Am an Seasons						
1	At the time of					

	transplanting/ sowing					
2	At the time of weeding					
3	At the time of harvesting					

Module D1. Seed dealer

(recall period: Last 12 months, February 2023 to January 2024)

Note: We interview the seed dealer or seed vendor [inhabitant of the village] from whom most of the farmers of this village have purchased seeds of crop (including rice seeds)/the seed dealer does business outside the village but resides in the village.

Question Number	Question	Response	Code
D_01	Name of the Seed dealer		Name
D_02	Business location of the seed dealer/trader		Location
D_02a	Take GPS of the businesses		

	location		
D_03	Distance from survey village		meters
D_04	Farmer s to which areas do you sell your product		Farmers of this village 1 Farmers of this union 2 Farmers of this upazila 3 Farmers of this district 4 Farmers of this district and other district 5
D_05	What type of seed dealer are you?		Retailer.....1 Wholesaler.....2 Both....3
D_06	What other inputs do you sell in your shop besides seed?		Only seed.....1 Fertilizer.....2 Pesticides.....3 Agricultural equipment.....4 Feed.....5 Veterinary products.....6 Others (specify).....7

D_07	What type of seeds did you sell during the past 12 months?		Rice seed.....1 Vegetable seeds.....2 Pulse seeds.....3 Non-food crop seed.....4 Others.....5
D_08	If rice seed is sold, list the most popular varieties of rice seeds you sold in the last 12 months (Dec 2017 to Nov 2018)? Upto 5 most sold varieties.		Use rice seed variety codes

D_09: For seed dealers or traders who sold rice seeds

Recall period: Last 12 months (February 2023 to January 2024)

	Am an- 202 3	Am an- 202 3	Aman- 2023	Au s- 202 3	Au s- 202 3	Aus - 202 3	Bor o- 202 3	Bor o- 202 3	Bor o- 202 3
Type of rice seed	Did you sell this variety? (Yes/No)	What was the quantity of rice seeds purchased	Why did you mainly choose this variety? Code for choosing variety: <ul style="list-style-type: none"> Market demand 	Did you sell this variety? (Yes/No)	What was the quantity of rice seeds purchased	Why did you mainly choose this variety?	Did you sell this variety? (Yes/No)	What was the quantity of rice seeds purchased	Why did you mainly choose this variety?

			<div>m a n d b y f a r m e r s</div> <ul style="list-style-type: none">• H i g h y i e l d i n g v a r i e t y• E a s y t o f i n d i						
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			n t h e m a r k e t						
			• O t h e r s						
Cod e		kg			kg			kg	
D_0 9_0 1		D_9 _02 a	D_9_0 3a		D_9 _02 b	D_9 _03 b		D_9 _02 c	D9 _03 c

Question Number	Question	Response	Code
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D_10	Did it happen that farmers wanted to buy certain type of rice seed and you failed to supply?		Never.....1 Sometimes.....2 Mostly.....3
D_11	If you failed to supply, which variety of rice seed you could not supply?		Use rice seed variety codes

D_1 2	Where do you primarily purchase seeds from? (any crop)		BADC outlets.....1 Private company.....2 Bought from NGO.....3 BARI.....4 Farmer's field.....5 Others.....6
D_1 3	If you bought from BADC outlet, how far was the location from your location?		meters
D_1 4	Which brand of seeds did you purchase?		BADC 1 BARI..... 2 ACI.....3 LAL TEER 4 BRAC.....5 Aftab.....6 Other NGO (Specify).....7 Others (Specify).....8
D_1 5	Did you buy the rice seeds in sack		Sealed sacks..... 1 Packet.....2 Open/ Bulk.....3

	or packets or in bulk?		Others.....4 (Please specify)
D_1 6	Enumerators : please check if “truthfully labelled” (Prottayito Beej) is written on the packets/sacks		Yes=1 No=0
D_1 7	Did you get all the types of seeds you wanted to purchase?	<p>Variety of rice seeds</p> <p>Variety of vegetable seeds</p> <p>Variety of pulse seed</p> <p>Variety of non-food crop seed</p> <p>(ask for each type of seed sold in D_07)</p>	<p>Yes.....1</p> <p>No.....0</p>
D_1 8	How was the quality of the seeds you purchased?	<p>Variety of rice seeds</p> <p>Variety of vegetable seeds</p> <p>Variety of pulse seed</p> <p>Variety of non-food crop seed</p> <p>(ask for each type of seed in D_07)</p>	<ul style="list-style-type: none"> • Very high quality • Somewhat high quality • Neither high neither poor quality • Somewhat poor quality • Very poor quality
D_1 9	Are you a registered dealer? [Registration refers to the official		<p>Yes.....1</p> <p>No.....0</p>

	registration permitting to run a business/sell items]		
D_20	If yes, who did you get registered from?		Government/BCIC..... ...1 Non-government entities.....2 Union parishad.....3 Other (Please specify)4

Module E. Fish farmer, Hatchery and Nursery owner

(Recall period: last 12 months, from February 2023 to January 2024)

Note: We will interview the most prominent fish farmer, hatchery and nursery owner in the village

Question Number	Question	Response	Code
E_01	Name of the fish dealer		Name
	Fish dealer type		Fish farmer Nursery owner Hatchery owner
E_02	Business location of the fish dealer/ trader (Take GPS location)		Location
E_03	Distance from survey village		Meters
E_04	Fish Farmers of which areas do you sell your product		Farmers of this village Farmers of this union Farmers of this upazila Farmers of this district Farmers of this district and other district

E_05	What species of fish did you sell in the last 12 months?		Silver carp 1 Grass carp..... 2 Mirror carp 3 Common carp..... 4 Karfu 5 Rui..... 6 Katla..... 7 Mrigel..... 8 Kalibaus 9 Telapia/Nailotica.....10 Pona11 Koi12 Magur13 Shingi.....14 Khalse15 Shol/Gajar/Taki16 Puti/Swarputi17 Prawn (Golda Chingri).....18 Shrimp (Bagda Chingri)....19 Tengra/Baim20 Mola/Dhela/Kachki/Chapila 21 Ilish/hilsha.....22 Other Large fish23 Other Small fish24 Sea fish.....25 Pangash26
E_06	Is there any fish hatchery/nursery that sells Rohu?		Yes.....1 No.....0
E_07	Is there any fish hatchery/nursery that sells G3 Rohu?		Yes.....1 No.....0

E_08	Is there any fish hatchery/nursery that sells Tilapia?		Yes.....1 No.....0
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E_09	Is there any fish hatchery/nursery that sells GIFT Tilapia?		Yes.....1 No.....0
E_10	Have any households cultured G3 Rohu in the village that you know of? (ask if E_07=>Yes)		Yes.....1 No.....0
E_11	Have any households cultured GIFT Tilapia in the village that you know of? (ask if E_09=>Yes)		Yes.....1 No.....0

E_12	Did you get all the types of fingerling you wanted to purchase?		Yes.....1 No.....0
E_13	Where do you primarily purchase fingerlings from? [Ask nursery owners]		Dealer from (name) own Upazilla.....1 Dealer from other Upazilla.....2 Others.....3 (Please specify)
E_13 a	Address of the Dealer [Ask nursery owners]		
E_13 b	Phone number of the Dealer [Ask		

	nursery owners]		
E_14	How far is it from your location? [Ask nursery owners]		meters
E_15	Are you a registered dealer?		Yes.....1 No.....0 N/A.....98
E_16	Who did you get registered from? (If E_13=>Yes)		Government/BCIC..... ...1 Non-government entities.....2 Union parishad.....3 Other (Please specify)4

Module F: NORM of Capturing Fisheries

Note: We will interview the most prominent fish dealer in the largest market of the village

Sanctuaries are rivers, estuaries, coasts/estuaries, open water bodies, seas/coastal areas where fishing is prohibited.

Question Number	Question	Response	Code
F1_00	Is there any fish sanctuary in your village?		
F1_01	Does the village have fishing guards?		Yes.....1 No.....0
F1_02	Distance to nearest fish sanctuary (that is affected by fishing bans)		Within 25 kilometers 25-50 km More than 50 km

F1_03	Are the people of this village aware of bans on fishing?		Yes.....1 No.....0
F1_04	Which bans are they aware of? (multiple choice) Hint: Do not probe, ask them to list and see which ones they mention		65 days fishing ban 1 22 days hilsha fishing ban2 Juvenile hilsha fishing ban3 Other.....-96
F1_05	Is the community affected by the fishing bans? Hint: ask to indicate if particular people within the community are being affected		Yes.....1 No.....0
F1_06	Do you know the rules regarding the fish sanctuaries? Hint: ask about what is permitted and prohibited to do in fish sanctuaries		Yes.....1 No.....0
F1_07	Generally, what is the size of the holes of the fishing nets? (If F1_06=>1)		1= Greater than 5 CM 2= Less than 5 CM
F1_08	Has anyone in the village received incentives to participate in Alternative Income Generating Activities?		Yes.....1 No.....0
F1_09	Have you heard about or participated in ECO-Fish program?		Yes.....1 No.....0
F1_10	Has anyone in the village received monetary or in-kind compensation for fishing bans affecting their livelihoods?		Yes.....1 No.....0

F1_11	Does anyone in the village participate in co-management of capturing fisheries? [If F1_00 => No, Skip]		Yes.....1 No.....0
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Module G1: The value of innovation in the community

Question Number	Question	Response	Code
G1_01	Have you heard of salt tolerant rice varieties?		Yes = 1 No = 0
G1_02	(If G1_01=>Yes), have you or anyone [resident of this village] you know used salt tolerant rice varieties?		Yes = 1 No = 0
G1_03	(If G1_02=>Yes), how does the yield changed due to this new variety?		Remained the same = 1 Decreased = 2 Increased = 3
G1_04	Have you heard of drought tolerant rice varieties?		Yes = 1 No = 0
G1_05	(If G1_04=>Yes), have you or anyone [resident of this village] you know used drought tolerant rice varieties?		Yes = 1 No = 0
G1_06	(If G1_05=>Yes), how has the yield changed due to this new variety?		Remained the same = 1 Decreased = 2 Increased = 3
G1_07	Have you heard of Alternate Wetting and Drying (AWD)?		Yes = 1 No = 0
G1_08	(If G1_07=>Yes), have you or anyone [resident of this village] you know used AWD?		Yes = 1 No = 0

G1_09	(If G1_08=>Yes), how has the yield changed due to this new variety?		Remained the same = 1 Decreased = 2 Increased = 3
G1_10	(If G1_08=>Yes), how has this changed the energy consumption in the field?		Remained the same = 1 Decreased = 2 Increased = 3
G1_11	Have you heard of mechanization rental service systems?		Yes = 1 No = 0
G1_12	(If G1_11=>Yes), have you or anyone you know used mechanization rental service systems?		Yes = 1 No = 0
G1_13	(If G1_12=>Yes), how has this changed the cost of producing crops?		Remained the same = 1 Decreased = 2 Increased = 3
G1_14	Have you heard of G3 Rohu?		Yes = 1 No = 0
G1_15	(If G1_14=>Yes), have you or anyone you know used G3 Rohu?		Yes = 1 No = 0
G1_16	(If G1_14=>Yes), how does the fish production change due to this new variety?		Remained the same = 1 Decreased = 2 Increased = 3
G1_17	Have you heard of GIFT Telapia?		Yes = 1 No = 0

G1_18	(If G1_17=>Yes), have you or anyone you know used GIFT Telapia?		Yes = 1 No = 0
G1_19	(If G1_17=>Yes), how does the fish production change due to this new variety?		Remained the same = 1 Decreased = 2 Increased = 3

Module G2: Participation in Safety Net Programs

Note: ask knowledgeable UP officials

Sl. No	Description	Among the following programs, which programs benefited the people of this village in the last 12 months? Yes1 No0
G201	G202	G203
01	School Feeding Program	
02	Maternity allowance program for the Poor Lactating Mothers	
03	Vulnerable Group Development (VGD)	
04	VGD-UP (8 District on Monga Area)	
05	Community Nutrition Program	
06	Improving maternal and child nutrition (IMCN)	
07	TMRI program	

08	Climate Rehabilitation Program (Gucchograam)	
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