

**Ministry of Agriculture  
Government of the People's Republic of Bangladesh**

**Assessing the Impact of Bt Brinjal Technology in Bangladesh  
Baseline Survey (November – December 2017)**

**Survey designed and supervised by: Bangladesh Policy Research and Strategy Support Program (PRSSP)  
International Food Policy Research Institute (IFPRI)**

**Survey administered by: Data Analysis and Technical Assistance Limited (DATA)**

**Farm Household Questionnaire**

*Note: The content of this paper questionnaire was administered via computer-assisted personal interviewing (CAPI).*

Sample type:	<input type="checkbox"/>	Bt Brinjal Farmer.....1
		Control Farmer.....2



Household Number:

## Informed Consent for Assessing the Impact of Bt Brinjal Technology in Bangladesh

**Informed Consent:** Before beginning the interview, it is necessary to introduce the household to the survey and obtain their consent to participate. Make it clear to them that their participation in the survey is voluntary. Please read the following statement in the language of interview:

Good morning/afternoon. I am \_\_\_\_\_ from the Data Analysis and Technical Assistance Limited (DATA), a Bangladeshi research organization based in Dhaka. Together with the International Food Policy Research Institute (IFPRI), we are conducting a survey to learn about agriculture production and practices, and the health of households in this area. You have been selected to participate in an interview which includes questions on topics such as your family background, asset ownership, income earning activities, and health status of household members. The interview will be done in private and are confidential from each respondent in the household. We value your opinion and there are no wrong answers to the questions we will be asking in the interview. We will use approximately 2 hours of time in total to collect all the information. There will be no cost to you other than your time. Your participation in this interview is completely voluntary. You are free to withdraw your consent and discontinue participation in this study at any time. You are free to skip any questions that you do not wish to respond, as well. However, your responses may help us to carry out research that is designed to help promote the welfare of Bangladeshis.

This study is conducted in a way that you will be only identified through code numbers. Your identity will not be stored with other information we collect about you. Your responses will be assigned a code number, and the list connecting your name with this number will be kept in an encrypted file that will be destroyed once all the data has been collected and analyzed. Any information we obtain from you during the research will be kept strictly confidential. This research study has been reviewed and approved by the Institutional Review Board (IRB) of IFPRI. We will leave a copy of this consent form with you.

Your participation will be highly appreciated. We will also interview other households in your community and in other parts of Bangladesh. After we collect all the information we will use the data to make a study about how various programs can be most helpful to the people in this area. Do you understand everything we explained to you? Do you have any questions before agreeing to be a part of the study? If you have questions about your rights as a research participant, you may contact the following key persons involved in this study.

### Contact Person:

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Please ask the participants (male and female) if they consent to the participation in the study (check one box):

Participant 1:	YES	<input type="checkbox"/>	Participant 2:	YES	NO	<input type="checkbox"/>	<input type="checkbox"/>
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I \_\_\_\_\_, the enumerator responsible for the interview taking place on \_\_\_\_\_, 2017 certify that I have read the above statement to the participant and they have consented to the interview. I pledge to conduct this interview as indicated on instructions and inform my supervisor of any problems encountered during the interview process.

If the household does not give consent to all of the data collection, stop the interview and inform your team leader. Team leaders will discuss the reason for this refusal and decide whether a partial data collection is possible for this household.

Household Number:

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## DEFINITION OF HOUSEHOLD

A household is a group of people who live together and take food from the “same pot.” In our survey, a household member is someone who has lived in the household at least 6 months, and at least half of the week in each week in those months. Even those persons who are not blood relations (such as servants, lodgers, or agricultural laborers) are members of the household if they have stayed in the household at least 3 months of the past 6 months and take food from the “same pot.” If someone stays in the same household but does not bear any costs for food or does not take food from the same pot, they are not considered household members. For example, if two brothers stay in the same house with their families but they do not share food costs and they cook separately, then they are considered two separate households.

Generally, if one person stays more than 3 months out of the last 6 months outside the household, they are not considered household members. We do not include them even if other household members consider them as household members.

Exceptions to these rules should be made for:

Consider as household member

- A newborn child less than 3 months old.
- Someone who has joined the household through marriage less than 3 months ago.
- Servants, lodgers, and agricultural laborers currently in the household and will be staying in the household for a longer period but arrived less than 3 months ago.

Do not consider as household member

- A person who died very recently though stayed more than 3 months in last 6 months.
- Someone who has left the household through marriage less than 3 months ago.
- Servants, lodgers, and agricultural laborers who stayed more than 3 months in last 6 months but left permanently.

This definition of the household is very important. The criteria could be different from other studies you may be familiar with, but you should keep in mind that you should not include those people who do not meet these criteria. Please discuss any questions with your supervisor.

Household Number:

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**Module B: Household Composition and Education (Respondent: Household head)**

Note: \*\*Write complete years. For example, if age is 18 years and 9 months, write only 18 years.

Member ID	Name	Sex Male ... 1 Female..2	Age* (complete years)	Relation to Household Head	Marital Status	Education (Highest class passed)	Main Source of income  <b>Note: please keep it in mind that here we are not asking about the profession</b>
		Code ↑	Year	Code 1	Code 2	Code 4	Code 5
MID	Name	B01	B02	B03	B04	B05	B06

Household Number:    **Code list for Module B:**

<b>Code 1: Relationship</b>	<b>Code 4: Education</b>	<b>Code 5: Occupation</b>	<b>Self-employment</b>	
<b>Relationship to household head</b>	<b>(Highest class passed)</b>	<b>Wage Labor</b>		<b>Trader</b>
Household head...1	Never attended school...99	Agricultural day labor..... 1	Rickshaw/van pulling.....22	Small trader (roadside stand or stall) ... 50
Spouse of household head...2	Reads in class I...0	Earth work (govt program) ..... 2	Driver of motor vehicle.....23	Medium trader (shop or small store).... 51
Son/daughter.....3	Completed class I....1	Earth work (other) ..... 3	Tailor/seamstress .....24	Large trader
Son/ Daughter-in-law.....4	Completed class II....2	Sweeper .....4	Potter.....26	(large shop or whole sale) ..... 52
Grandson/daughter.....5	Completed class III....3	Scavenger .....5	Cobbler .....27	Fish Trader ..... 53
Father/mother.....6	Completed class IV....4	Tea garden worker ..... 6	Hair cutter .....28	Contractor ..... 54
Father/mother-in-law.....7	Completed class V....5	Construction labor ..... 7	Clothes washer.....29	
Brother/sister.....8	Completed class VI....6	Factory worker.....8	Porter .....30	<b>Production</b>
Brother/sister-in-law.....9	Completed class VII....7	Transport worker (bus/truck helper) .... 9	Goldsmith/silversmith.....31	Food Processing..... 55
Niece/Nephew ....10	Completed class VIII....8	Apprentice ..... 10	Repairman (appliances).....32	Small industry..... 56
Household head's cousin.....11	Completed class IX.....9	Other wage labor (specify) ..... 11	Mechanic (vehicles).....33	Handicrafts ..... 57
Other relative.....12	Completed Secondary School/Dakhil..10		Plumber.....34	
Permanent servant.....13	Completed Higher Secondary/Alim...12	<b>Salaried worker</b>	Electrician .....35	<b>Livestock Poultry related work/occupation</b>
Other Non-relative/friends.....14	BA/BSC/Fazil (pass course).....14	Government/ parastatal ..... 12	Carpenter .....36	Milk collector ..... 58
	BA/BSC /Fazil (honors).....15	Service (private sector) ..... 13	Mason/Construction Rod Welder.....37	Livestock Vet medicine seller..... 59
	MA/MSK/Kamil and above.....16	NGO worker ..... 14	Doctor .....38	Livestock Feed supplier ..... 60
	SSC Candidate.....22	House maid.....15	Rural physician .....39	Commercially feed producer..... 61
	HSC Candidate.....33	Teacher (GoB-Primary school).....16	Midwife .....40	Animal Breeder ..... 62
	Preschool class (general).....66	Teacher (Non-GoB Primary school) .... 17		Veterinary/paravet doctor ..... 63
	Preschool (mosque based).....67	Teacher (GoB High school).....18	<b>Self-employment (continued)</b>	
	Nurani/kiratia/hafizia.....68	Teacher (Non-GoB High school) ..... 19	Herbal doctor/Kabiraj .....41	<b>Farming</b>
	Other (specify).....69	Teacher (college, university) ..... 20	Engineer.....42	Working own farm (crop) ..... 64
		Other salaried worker(specify) ..... 21	Lawyer/deed writer/Moktar .....43	Share cropper/tenant ..... 65
			Religious leader (Imam/Muazzem/ Khadem/Purohit).....44	Homestead farming..... 66
			Lodging master .....45	Fisherman (using non owned/not leased water body) ..... 67
			Private tutor/house tutor.....46	Raising fish / fish pond ..... 68
			Beggar.....47	Raising poultry ..... 69
				Raising livestock..... 70
				Dairy production/ dairy farming ..... 71
				Other self-employed (specify) ..... 72
				Remittance..... 91
				Income from Safety net program ..... 92
				Income from asset (house/shop rent, etc.) ..... 93
				<b>Non-earning occupation</b>
				Student..... 81
				Housewife..... 82
				Retired ..... 83
				Child(age <12 no study/ work) ..... 84
				Physically/ mentally challenged ..... 85
				Jobless ..... 86
				Don't know..... 98

Household Number:    **Module C: health (Respondent: Household head)****C1: General health questions**

We would like to begin with some general questions about the health and health behaviors of household members

Ask these questions only to household members aged 15 years and older

MID	Name	How would you describe the general health of this person?  Note : After asking this question please describe 5 answer codes of this question	Does s/he have any persistent problem with the health of their eyes?	Does s/he suffer from any persistent respiratory problems?	Does s/he suffer from any persistent skin disease?	Can s/he walk 500 meters without rest?	Can s/he stand for two hours	Can s/he pick up and carry a 10kg bag of rice for 50 meters	Does this person smoke cigarettes/biri/hukka?  If "no" skip to C1_11	How many years has s/he smoked?	How many cigarettes does s/he smoke per day / how many times does s/he smoke hukka per day?	Does s/he chew tobacco/Sa da pata/Jorda?	Does s/he chew betel leaf?	Does s/he chew betel nut?
		Code 1	Yes.....1 No.....2	Yes...1 No....2	Yes...1 No....2	Code 2	Code 2	Code 2	Yes.....1 No.....2>>> C1_11	Years	Number/Times	Yes...1 No....2	Yes...1 No....2	Yes...1 No....2
MID		C1_01	C1_02	C1_03	C1_04	C1_05	C1_06	C1_07	C1_08	C1_09	C1_10	C1_11	C1_12	C1_13

**Code 1:**

- 1 Excellent/Very good
- 2 Good
- 3 Fair
- 4 Poor
- 5 Very poor

**Code 2:**

- 1 Easily/no problem
- 2 Yes but with a little difficulty
- 3 Yes, but with a lot of difficulty
- 4 Cannot do this task

Household Number:

## C2: Health status during crop growing seasons

C2\_01 When was your last brinjal planting season? Date planted  month  year

Date when uprooted the plant (date when last harvested)  month  year

MID	Name	Did this person work in any field crop during the last brinjal season?  If yes, ask the following questions	Did this person work in the last brinjal season?									
			Eye irritation	How long did this symptom last?	Headache	How long did this symptom last?	Dizziness	How long did this symptom last?	Nausea or Vomiting	How long did this symptom last?	Diarrhea	How long did this symptom last?
<b>MID</b>	<b>Name</b>	<b>Yes...1</b> <b>No...2&gt;Next person</b>	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days
		<b>C2_01a</b>	<b>C2_02a</b>	<b>C2_02b</b>	<b>C2_03a</b>	<b>C2_03b</b>	<b>C2_04a</b>	<b>C2_04b</b>	<b>C2_05a</b>	<b>C2_05b</b>	<b>C2_06a</b>	<b>C2_06b</b>



Household Number:

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	Did this person have this symptom during this agricultural season?									
	Fever	How long did this symptom last?	Convulsion	How long did this symptom last?	Shortness of breath, wheezing, coughing	How long did this symptom last?	Skin disease	How long did this symptom last?	Joint pain (e.g. stiffness, swollen)	How long did this symptom last?
	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days	Yes.....1 No.....2	Days
MID	C2_07a	C2_07b	C2_08a	C2_08b	C2_09a	C2_09b	C2_10a	C2_10b	C2_11a	C2_11b

	How many days during this agricultural season did all these symptoms prevent you from working?	Did you seek medical treatment for any of these symptoms?	Did you incur any cash expenses associated with treating these symptoms? If “no” skip to next member	Consultation fee	Medicines	Lab tests	Hospital/clinic fees/expenses	Transport cost to seek treatment
	Days	Yes.....1 No.....2	Yes.....1 No....2>>Next person	Tk	Tk	Tk	Tk	Tk
MID	C2_12	C2_13	C2_14	C2_15	C2_16	C2_17	C2_18	C2_19

Household Number:    **Module D: Assets (Respondent: Household head)****Module D1: Current Household Assets**

Description of asset	Asset code	Does your household own the item? Yes...1 No....2>>Next item	Quantity	ID of owner Report three primary owners If household member, write MID All members jointly .... 71  If not household member, then use following codes:  Male outside household..... 72 Female outside household. 73			Current value/ if asset sold today how much will you receive? (report total value for all items owned)
			No.	MID			(Tk)
D1_01	D1_02	D1_03	D1_04	D1_05a	D1_05b	D1_05c	D1_06
Trunk /Suitcase	1						
Buckets / Pots	2						
Stove / Gas burner	3						
Metal cooking pots	4						
Bed / Khat / Chowki	5						
Armoire/Cabinet/ Alna	6						
Table / chair	7						
Electric fan	8						
Electric iron	9						
Radio	10						
Audio cassette/CD player	11						
Wall clock /watch	12						
Wristwatch	13						
Television (B/W)	14						
Television (Color)	15						
Camera/ Video Camera	16						
Jewelry (gold)	17						
Jewelry (silver)	18						
Sewing machine	19						
Bicycle	20						

Household Number:    

Description of asset	Asset code	Does your household own the item? Yes...1 No....2>>Next item	Quantity	ID of owner Report three primary owners If household member, write MID All members jointly .... 71  If not household member, then use following codes:  Male outside household..... 72 Female outside household. 73			Current value/ if asset sold today how much will you receive? (report total value for all items owned)
			No.	MID			(Tk)
D1_01	D1_02	D1_03	D1_04	D1_05a	D1_05b	D1_05c	D1_06
Rickshaw	21						
Van (tricycle van)	22						
Boat	23						
Engine boat	24						
Motorcycle	25						
Mobile phone set	26						
Dheki	27						
Jata	28						
Randa	29						
Saw	30						
Hammer	31						
Fishing net	32						
Spade (Kodal)	33						
Axe (Kural)	34						
Shovel (belcha)	35						
Shabol	36						
Daa	37						
Mule	38						
Donkey	39						
Cow	40						
Buffalo	41						
Horse	42						
Goat/ Sheep	43						

Household Number:

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Description of asset	Asset code	Does your household own the item? Yes...1 No....2>>Next item	Quantity	ID of owner Report three primary owners If household member, write MID All members jointly .... 71  If not household member, then use following codes:  Male outside household..... 72 Female outside household. 73			Current value/ if asset sold today how much will you receive? (report total value for all items owned)
			No.	MID			(Tk)
<b>D1_01</b>	<b>D1_02</b>	<b>D1_03</b>	<b>D1_04</b>	<b>D1_05a</b>	<b>D1_05b</b>	<b>D1_05c</b>	<b>D1_06</b>
Duck/ Hen	44						
Other Animal (specify)	45						
Cash in hand	46						
Solar energy panel	47						
Electricity Generator	48						
IPS	49						
Computer/ Laptop	50						
Tab	51						

Household Number:    **Module D2: Agricultural Implements and Other Productive assets** (Respondent: Household head)

Description of asset	Asset code	Does your household own the item? Yes...1 No....2>> next item	Quantity	ID of owner Report three primary owners If household member, write MID If not household member, then use following codes:  All members jointly ..... 71 Male outside household.... 72 Female outside household.. 73			Current value/ if asset sold today how much will you receive? (report total value for all items owned)
	Code		No.	MID			(Tk)
D2_01	D2_02	D2_03	D2_04	D2_05a	D2_05b	D2_05c	D2_06
<b>Farming tools:</b>							
Manual Reaper/Sickle	60						
Weeding tool	61						
Harrow	62						
Rake	63						
Plough/ yoke	64						
Winnowing Machine	65						
Pesticide sprayer manual	66						
Pesticide sprayer motorized	67						
Equipment for showering plant (Jhorma)/ Jhajhara	68						
Net for covering field/ seedbed	69						
Insect trap (Pheromone trap)	70						
Jerry can (Container) for mixing pesticide	71						
Wheelbarrow	72						
Bullock cart	73						
Push cart	74						
Other Light Machinery (Specify)	75						
<b>Machinery:</b>							
Tractor	76						
Power Tiller	77						
Trolley/Trailers	78						
Thresher	79						
Fodder cutting machine	80						
Swing basket	81						

Household Number:    

Description of asset	Asset code	Does your household own the item? Yes...1 No....2>> next item	Quantity	ID of owner Report three primary owners If household member, write MID If not household member, then use following codes:  All members jointly ..... 71 Male outside household.... 72 Female outside household.. 73			Current value/ if asset sold today how much will you receive? (report total value for all items owned)
	Code		No.	MID			(Tk)
D2_01	D2_02	D2_03	D2_04	D2_05a	D2_05b	D2_05c	D2_06
Don	82						
Hand tube well	83						
Treadle pump	84						
Rower pump	85						
Jumbo Pump (Axial Flow pump)	86						
Low lift pump (LLP) for irrigation	87						
Shallow tube well (STW)	88						
Deep tube well (DTW)	89						
Electric motor pump	90						
Diesel motor pump	91						
Spraying machines (chem./ fertilizer)	92						
Reaper	93						
Seeder Drills: till, plant, fertilize simultaneously	94						
Bed planter (forms fields into beds and furrows)	95						
Other Heavy Machinery	96						
<b>Other productive assets:</b>							
Briquette Urea Applicator (Injector)	98						
Briquette Urea Applicator (Push)	99						

Household Number:





### Module D3: Housing, water and sanitation

Question number	Question	Response	Response option
D3_01	In what year was this house built? (structure of main dwelling)	<input type="text"/>	Years (if don't know.....9999)
D3_02	If this household shares space with another household, how many households live in this house?		Number (write 0 if no sharing)
D3_03	<u>OBSERVE</u> What type of dwelling does the household live in?	<input type="text"/>	No sign of damage..... 1 Slightly damaged ..... 2 Somewhat damaged ..... 3 Very damaged..... 4 In a very poor state ..... 5
D3_04	<u>OBSERVE</u> The <u>outer walls</u> of the main dwelling of the household are predominantly made of what material?	<input type="text"/>	Concrete/Brick..... 1 Tin/CI Sheet ..... 2 Wood ..... 3 Mud ..... 4 Bamboo ..... 5 Jute straw..... 6 Plastic /Polythene ..... 7 Cardboard/paper ..... 8 Golpata/Palm leaf ..... 9 Grass/Straw ..... 10 Other (specify)..... 11
D3_05	<u>OBSERVE</u> The <u>roof</u> of the main dwelling is predominantly made of what material?	<input type="text"/>	Concrete/Brick..... 1 Tin/CI Sheet ..... 2 Wood ..... 3 Mud ..... 4 Bamboo ..... 5 Jute straw..... 6 Plastic /Polythene ..... 7 Cardboard/paper ..... 8 Golpata/Palm leaf ..... 9 Grass/Straw ..... 10 Other (specify)..... 11
D3_06	<u>OBSERVE</u> The <u>floor</u> of the main dwelling is predominantly made of what material?	<input type="text"/>	Concrete/Brick..... 1 Tin/CI Sheet ..... 2 Wood ..... 3 Mud ..... 4 Bamboo ..... 5 Jute straw..... 6 Plastic /Polythene ..... 7 Cardboard/paper ..... 8 Golpata/Palm leaf ..... 9 Grass/Straw ..... 10 Other (specify)..... 11
D3_07	How many rooms does your household occupy?	<input type="text"/>	Number (Exclude rooms used for business)

Household Number:    

Question number	Question	Response	Response option
D3_08	How many rooms are used for sleeping?	<input type="text"/>	Number
D3_09	Does this household have an electricity connection?	<input type="text"/>	Yes ..... 1 No..... 2
D3_10	What is your main source of <u>lighting fuel</u> ?	<input type="text"/>	Electricity ..... 1 Private Generator ..... 2 Solar electricity..... 3 Kerosene..... 4 Candles ..... 5 Torch/fire skewer..... 6
D3_11	Is cooking done inside or outside the main dwelling?		Inside .....1 Outside in the open .....2 In another building, <u>not</u> the main dwelling ....3
D3_12	Observation  Most cooking done in which type of stove?  Note: Improved cook stoves are available in various names by area. For example; “Bondhu Chula”, remember that through improved cook stoves more cooking can be done in less amount of fuel and the smoke of improved cook stoves are less too.		Food is cooked using a traditional cook stove ..... 1 Food is cooked using an improved cook stove .....2 Food is cooked directly over a fire .....3
D3_13	What is your main source of <u>cooking fuel</u> ?	<input type="text"/>	Electricity ..... 1 Supply gas ..... 2 LPG ..... 3 Kerosene..... 4 Firewood ..... 5 Dried cow dung ..... 6 Coal ..... 7 Rice bran/saw dust..... 8 Dried leaves ..... 9 Other (specify)..... 10
D3_14	What type of latrine do you use?	<input type="text"/>	None (open field)..... 1 Kutchra (fixed place) ..... 2 Pucca (unsealed)..... 3 Sanitary without flush (water sealed)..... 4 Sanitary with flush (water sealed)..... 5 Community latrine..... 6 Other (specify)..... 7
D3_15	Does the household have own access to a water supply/source?	<input type="text"/>	Yes ..... 1 No ..... 2



Household Number:    

Question number	Question	Response	Response option
D3_16	What is the source of water used for other purposes than drinking?	<input type="text"/>	Supply Water (piped) inside house ..... 1 Supply Water (piped), outside ..... 2 Own tube well ..... 3 Community tubewell ..... 4 Rain water ..... 5 Ring Well/ Indara ..... 6 Pond/River/ Canal..... 7 Bottled water ..... 8 Shallow tubewell for irrigation ..... 9 Deep tubewell for irrigation..... 10 Other tube well ..... 11 Other (specify)..... 12
D3_17	Is the source of drinking water same as the source of water used for other purposes?	<input type="text"/>	Yes ..... 1>>D3_19 No ..... 2
D3_18	Source of drinking water		Supply Water (piped) inside house ..... 1 Supply Water (piped), outside ..... 2 Own tube well ..... 3 Community tubewell ..... 4 Rain water ..... 5 Ring Well/ Indara ..... 6 Pond/River/ Canal..... 7 Bottled water ..... 8 Shallow tubewell for irrigation ..... 9 Deep tubewell for irrigation..... 10 Other tube well ..... 11 Other (specify)..... 12
D3_19	In the past 24 hours, what steps have you taken to purify your water?		Filtered using cloth/ bolter ..... 1 Boiled ..... 2 Boiled and filtered using cloth/ bolter ..... 3 Chemically treated (iodine/chlorine)..... 4 Treated by Phitkari / lime ..... 5 UV treated ..... 6 Filtered using cloth and sand ..... 7 Filtered using purchased commercial filter..... 8 Boiled and filtered using cloth and sand ..... 9 Boiled and filtered using purchased commercial filter 10 Not purified ..... 11 Straight from source ..... 12 Others (specify) ..... 13
D3_20	If tubewell is used for drinking water, has the water been tested for arsenic contamination?	<input type="text"/>	Yes ..... 1 No ..... 2>>D3_23 Don't know..... 3>> D3_23

Household Number:    

Question number	Question	Response	Response option																
D3_21	If yes, what color has the tubewell been marked?	<input type="text"/>	Red ..... 1 Green ..... 2>> D3_23 None ..... 3>> D3_23 Don't know ..... 4>> D3_23																
D3_22	If it has been colored red, do you still use it for drinking purposes?	<input type="text"/>	Yes ..... 1 No ..... 2																
D3_23	Is the source of drinking water the same throughout the year?		Yes ..... 1>> Module End No ..... 2																
D3_24	If no, where else do you get your water from and during which months?  For months write January .....1, February.....2, .....December....12	<table border="1"> <thead> <tr> <th>Other source</th><th>Month 1</th><th>Month 2</th><th>Month 3</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Other source	Month 1	Month 2	Month 3													Supply Water (piped) inside house ..... 1 Supply Water (piped), outside ..... 2 Own tube well ..... 3 Community tubewell ..... 4 Rain water ..... 5 Ring Well/ Indara ..... 6 Pond/River/ Canal..... 7 Bottled water ..... 8 Shallow tubewell for irrigation ..... 9 Deep tubewell for irrigation..... 10 Other tube well ..... 11 Other (specify)..... 12
Other source	Month 1	Month 2	Month 3																

Household Number:    

**Module E: Savings (Respondent: Household head)**  
**Ask only for all members who are 15 years or older.**

**E01.** Does any adult in the household currently have any savings?

☐ Yes ..... 1 If no, END MODULE  
☐ No..... 2

Ask how many accounts each individual currently has and list them all. Each “account” should have a separate row. If the individual has more than one “account”, put in separate rows.

Serial No.	Saver	Where do you save?	If the source is an NGO, write the code of that NGO	Total amount currently saved in this savings account?
		[Code 1]	[Code 2]	(Tk)
<b>E02</b>	<b>MID</b>	<b>E03</b>	<b>E04</b>	<b>E05</b>
		2	2	

Code 1: Where	Code 2: NGO			
At home ..... 1	BRAC ..... 1	Podokhep Manobik Unnyan Kendra ..... 17	Ashar Alo Unnyan Shangstha ..... 30	
NGO (name of NGO) ..... 2	ASA ..... 2	Heed Bangladesh ..... 18	Polli Progoti Sohayok Samity ..... 31	
Shamity (other than NGO) ..... 3	PROSHIKA ..... 3	Bureau Bangladesh ..... 19	Samadhan ..... 32	
Bank (Excluding Grameen bank) ..... 4	Karitas Bangladesh ..... 4	Community Development Center (CODEC) ..... 20	Manob Seba Sangstha ..... 33	
Shop ..... 5	Shwanirbhar Bangladesh ..... 5	Gono Milon Foundation ..... 21	Nobolok Parishad ..... 34	
Post office / government institution ..... 6	TMSS ..... 6	Shapla Ful ..... 22	Rural reconstruction Foundation (RRF) ... 35	
Employer's provident fund ..... 7	RDRS Bangladesh ..... 7	Sheba Manob kolyan Kendra (SMKK) ..... 23	Christian Civil Society (CSS) ..... 36	
Insurance company ..... 8	Bureau Tangail ..... 8	Society for Disadvantaged Origin (SDO) ..... 24	Uddipon ..... 37	
Relative / friend / neighbor ..... 9	Jagoroni Chakra ..... 9	Akota Shomaj Unnyan Kendra (ASUK) ..... 25	Daak diye jai ..... 38	
Savings collector ..... 10	Voluntary Organization for Social Development (VOSD) ..... 10	Bangladesh Development Society ..... 26	Shushilon ..... 39	
Land leased in from other household ..... 11	Peoples Oriented Program Implementation (POPI) ..... 11	Social Organization for Voluntary Advancement (SOVA) ..... 27	Uttaran ..... 40	
Other (specify) ..... 12	Gono Kalyan Trust (GKT) ..... 12	Society development Committee (SDC) ..... 28	Unnyan Procheshta ..... 41	
	Bachte Shekha ..... 13	Faridpur Development Agency (FDA) ..... 29	Save Bangladesh ..... 42	
	PKSF ..... 14		Satkhirra Unnyan Shangstha (SUK) ..... 43	
	Bangladesh Rural Development Board (BRDB) ..... 15		Ideal ..... 44	
			Manob Sompod Unnyan Kendra ..... 45	
			Grameen bank ..... 46	
			HKI (Helen Keller International) ..... 47	
			Other NGOs (specify) ..... 48	

Module F: Loans

Report cash loans. Include both interest bearing and nonbearing cash loans.

- F01. Has any member in the household ever had any loans?

☐ Yes ..... 1  
No..... 2
- F02. Does any member in the household currently have a loan?  
with any individual or institution?

☐ Yes ..... 1 >>F03  
No ..... 2
- F02\_a Have you or any other member of the household applied for loans in the last 12 months

☐ Yes .....1>>F02\_b  
No .....2>> F02 C

F02\_b If you applied for loans, what was the reason for your application being denied?

- Did not have collateral.....1  
Did not have enough savings to qualify for loan...2  
Did not repay previous loans (loan defaulter) .....3  
Don't know.....4  
Applied for and received loan (repaid) .....5  
Other (specify)... .....6

NEXT MODULE

F02\_c If you did not apply for loans, why did you not apply?

- Did not need loan, and so did not apply.....1  
Needed loan but did not apply fearing rejection of application .....2  
Needed loan but did not apply fearing not receiving the loan on time.....3  
Needed loan but did not apply fearing high interest rates.....4  
Could not apply for not having collateral.....5  
Others (specify) .....6

NEXT MODULE

Household Number:    

First ask how many loans each individual currently has and list them all. Each loan should have a separate row. If an individual has more than one loan, put in separate rows.

Serial No.	Who took the loan?	What was the source of the loan?	If the source is an NGO, write the code of that NGO	What was the loan mainly used for? Report primary 3 uses	Amount of loan	What was the interest rate? (Report 999 if respondent does not know the interest rate)	What is the outstanding amount of the loan?	Is the outstanding amount with or without interest? With interest.....1 Without interest.....2	What is the maximum that you can borrow from this source?	What amount of borrowings have you applied for from this source?
		[Code 1]	[Code 2]	[Code 3]	(Tk)	(percent)	(Tk)	Code ↑	(Tk)	(Tk)
F03	MID	F04	F05	F06 a F06 b F06 c	F07	F08	F09	F10	F11	F12

Code 1: Source of loan	Code 2: NGO	Code 3: Loan use
Relative/friend/neighbor.....1	BRAC.....1	PodokhepManobik Unnyan Kendra
Bangladesh Krishi Bank (BKB) .2	ASA.....2	Ashar Alo Unnyan Shangstha 30
Rajshahi Krishi Bank (RAKUB) 3	PROSHIKA.....3	Polli Progoti Sohayok Samity 31
Other Bank (Excluding Grameen bank) .....4	Karitas Bangladesh.....4	Samadhan.....32
Other financial institution.....5	Shwanirbhar Bangladesh.....5	Manob Seba Sangstha .....33
NGO (name of NGO.....) .....6	TMSS .....6	Nobolok Parishad.....34
Employer.....7	RDRS Bangladesh.....7	Rural reconstruction Foundation (RRF) .....35
Shop / Dealer / Trader .....8	Bureau Tangail.....8	Christian Civil Society (CSS).36
Money lender.....9	Jagoroni Chakra.....9	Uddipon .....37
Shamity (other than NGO) .....10	Voluntary Organization for Social Development (VOSD) .10	Daak diye jai .....38
Leased out land to other HH.....11	Peoples Oriented Program Implementation (POPI) .....11	Shushilon .....39
Other (specify) .....12	Gono Kalyan Trust (GKT) .....12	Uttaran .....40
	Bachte Shekha.....13	Unnyan Procheshta.....41
	PKSF.....14	Save Bangladesh .....42
	Bangladesh Rural Development Board(BRDB) .....15	Satkhira Unnyan Shangstha (SUK) .....43
		Ideal .....44
		Manob Sompod Unnyan Kendra.....45
		Grameen bank .....46
		HKI (Helen Keller International) .....47
		Other NGOs (specify) .....48
		Business enterprise.....1
		To buy fertilizer.....2
		To buy seeds.....3
		To buy pesticides.....4
		To buy irrigation equipment .....5
		To buy other agricultural implements .....6
		To buy water for irrigation .....7
		Costs of diesel/electricity for agriculture .....8
		Labor wages for agriculture.....9
		Costs of hired machines/animals for agriculture.....10
		To buy productive assets for purposes other than agriculture.11
		For lease of land for agriculture (cash only) .....12
		For lease of land used for purpose other than agriculture (cash only)13
		Purchase Land.....14
		To purchase cow/goat .....15
		For medical treatment .....16
		To meet household consumption needs .....17
		Rent/purchase/improve housing18
		Educational expenses.....19
		Marriage expenditure.....20
		Dowry .....21
		Funeral .....22
		To lend out at higher interest ....23
		To go abroad .....24
		To repay other loan .....25
		Other (specify) .....26

Household Number:    **Module G: Roster of land and pond/water bodies owned or under operation****(Respondent: Person most knowledgeable about farm production)**

MID of person answering questions in this module	
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**Note: List all land (all type of land & water bodies) owned or under operation in last 12 months [from October 2016 to September 2017].**

Plot ID	Plot Description	Plot Type	Current Size/ Area	Distance from home	Usual flood depth (during monsoon/ flood season)	Soil type	Current operational status (last 12 months)			If cash in/out what is the amount (Monthly rent)	Who owns the plot? (member ID) Report 3 primary owners. If HH member, write MID. If outside household, use code 4.	Who owns the plot officially? Report 3 primary owners MID	Current market value of the land (amount expected to spend/ pay if you want to buy)	How was the plot utilized in the last 3 seasons?						
Plot ID		Code 1	Decimal	Meter	Feet	Code 2	Code 3			Tk	MID/Code 4			MID/Code 4	Tk	Code 5				
Plot ID	Description	G01	G02	G03	G04	G05	G06a	G06b	G06c	G07	G08			G09			G10	G11a	G11b	G11c
							Kharif 1	Rabi	Kharif 2			A	B	C	A	B		C	Kharif 1	Rabi
1	Homestead																			

Code 1: Plot type	Code 2: Soil type	Code 3: Operation status	Code 4: Type of ownership	Code 5: How was the plot utilized
Homestead .....1	Clay..... 1	Fallow ..... 1	All members jointly .....71	Brinjal cultivation ..... 1
Cultivable/arable land .....2	Loam ..... 2	Own operated.....2	Male outside household .....72	Agriculture (except Brinjal)) ..... 2
Pasture.....3	Sandy ..... 3	Rented/leased in/ for cash ..... 3	Female outside household ....73	
Bush/forest .....4	Clay-loam..... 4	Rented/leased in/crop share..... 4	Govt / Khas land/other institutions .....74	Fisheries ..... 3
Waste/non-arable land.....5	Sandy-loam ..5	Mortgaged in..... 5		Grazing for livestock ..... 4
Land in riverbed .....6		Rented/leased out/cash.....6		Homestead/ house plot ..... 5
Other residential/ commercial plot .....7		Rented/leased out/crop share..... 7		Bush ..... 6
Cultivable Pond.....8		Mortgage out..... 8		Commercial/non-ag enterprise..... 7
Derelict pond.....9		Group leased in with other farmer..... 9		Fallow..... 8
Garden (wood/Fruit trees) .....10		Leased out to NGO ..... 10		Other (specify)..... 9
Floating plot) .....11		Taken from joint owner..... 11		Was not with me..... 10
Only for seed bed) .....12		Jointly with other owners ..... 12		
		Rented in for certain amount of crops ..... 13		
		Rented out for certain amount of crops ..... 14		
		Free of cost ..... 15		

Household Number:

**Module H: BRINJAL PRODUCTION (Respondent: Person most knowledgeable about brinjal production)**

MID of person answering questions in this module	
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H0_00	Thinking back over the last 12 months, in which months did you plant brinjal?  ALLOW MULTIPLE RESPONSES	<input type="text"/>  <input type="text"/>  <input type="text"/>	Winter (Oct-Dec).....1 Summer (May-July) .....2
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***IMPORTANT INSTRUCTION TO ENUMERATORS. QUESTIONS BELOW ON BRINJAL PRODUCTION ARE TO BE ASKED SEPARATELY FOR EACH SEASON IN WHICH BRINJAL IS GROWN. SO, FOR EXAMPLE, IF IT IS GROWN IN TWO SEASONS, THESE MODULES (H1 - H10) ARE TO BE ASKED TWICE (ONCE FOR EACH SEASON)***

Household Number:    **FIRST SEASON**

H1_01	Indicate which season is being described	<input type="text"/>	Winter (Oct-Dec).....1 Summer (May-July) .....2
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**Module H1: Seedling/seedbed production and planting**

H1_02	Was the brinjal seeded directly? (IF YES, go to Module I2)	<input type="text"/>	Yes .....1 No.....2
H1_03	Did you produce your own seedlings/seed bed for the brinjal you grew during the last season? (IF NO, go to Module I2)	<input type="text"/>	Yes .....1 No.....2

We would now like to ask you some questions about these seedlings/seed beds

Serial no.	Plot ID	Brinjal Variety	What is the area of reference for the seedbeds?	Quantity of seed used for seedbed to produce seedling	Main source of seed		Price t of used Seed?  If seed source code is 1 or 2, bring approximate cost of seed	Did you sell any seedlings or give to others?  Yes ..... 1 No.....2> <b>H1_12a</b>	If yes, what portion of seedling you sold or gave to other?	In your opinion, what are the most important characteristics in this seed?	Total expenditure of other inputs used in the seed bed							
											Chemical fertilizers		Organic fertilizers		Pesticides	Hired labor	Other	
Sl no.	Plot ID	Code1	decimals	Grams	Code 2		Taka	Code ↑	%	Code 3		Kg	Tk	Kg	Tk	Total Tk	Tk	Tk
H1_04	H1_05	H1_06	H1_07	H1_08	H1_09a	H1_09b	H1_10	H1_11	H1_12	H1_13a	H1_13b	H1_14a	H1_14b	H1_14c	H1_14d	H1_14e	H1_14f	H1_14g

<b>Code 1: Variety code</b> <b>TO BE INCORPORATED FROM CENSUS FINDINGS</b>	<b>Code 2: Source of seed</b> Own/Saved seeds.....1 Gift from others .....2 BADC outlet (Govt.) .....3 Bought from BRAC.....4 Bought from other NGO.....5 personal shop/dealer .....6	Market ..... 7 Other farmer ..... 8 Bought from farm .... 9 Bought seedling..... 10 Produced seedling....11	<b>Code 3: Significant characteristics of seed</b> Yield .....1 Size .....2 Insect/disease resistant ....3 Low labor required....4 Low input required....5	Market demand/price.....6 Good taste .....7 Nice color.....8 Good as animal feed..9 Others (specify).....10
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Household Number:




**Module H2: Area planted and irrigation**

Serial no.	Plot ID (This must be a plot listed in Module G)	Brinjal Variety grown on this plot	Date planted		Area	Which household member was primarily responsible for managing the production of brinjal on this plot?	Did you irrigate?  IF NO, go to next brinjal plot	What was the primary means of irrigating	How many times did you irrigate?	What was the total cash cost of irrigation?	What was the value of other payments you made for this irrigation in addition to these cash costs?	Was the amount of irrigation water sufficient for this plot?
Sl no.	Plot ID	Code 1	Week	Month	Decimals	MID	Yes/No	Code 3 ↓	No. of times	Tk	Tk	Yes/No
H2_01	H2_02	H2_03	H2_04a	H2_04b	H2_05	H2_06	H2_07	H2_08	H2_09	H2_10	H2_11	H2_12

<b>Code 1: Variety code</b> <b>TO BE INCORPORATED</b> <b>FROM CENSUS FINDINGS</b>	<b>Code 3: Irrigation Method</b>
	Swing basket..... 1
	Don..... 2
	Dugwell..... 3
	Hand tubewell..... 4
	Treadle pump..... 5
	Rower pump..... 6
	Shallow tubewell..... 7
	Deep tubewell..... 8
	Low lift pump..... 9
	Canal irrigation..... 10
	Axial Flow Pump..... 11
	Other (Specify)..... 12

Household Number:





### Module H3: Usage of Fertilizers

H3_00	Did you use fertilizers on any of the plots of land on which you grew brinjal?	<input type="text"/>	Yes .....1 No..... 2>> MODULE H4
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Sl.	Plot ID	Urea	Total value	TSP	Total value	DAP/MAP	Total value	MP	Total value	Other fertilizer	Total value	Manure/Com post (if own produced/not purchased ask what will be the cost if purchased)	Have you used vermi-compost fertilizer? Yes ..... 1 No ..... 2> Next Plot	Vermicompost fertilizer was Produced.....1 Purchased.....2	what was the price? (if own produced/ not purchased ask what will be the cost if purchased )	Vitamin/ Hormone
		Amt (kg)	Taka	Amt (kg)	Taka	Amt (kg)	Taka	Amt (kg)	Taka	Amt (kg)	Taka	Total Value (Tk)	Code ↑	Code ↑	Total Value (Tk)	Total Value (Tk)
Sl.	Plot ID	H3_01a	H3_01b	H3_02a	H3_02b	H3_03a	H3_03b	H3_04a	H3_04b	H3_05a	H3_05b	H3_06	H3_07a	H3_07b	H3_07c	H3_08

Household Number:    **Module H4: Pesticide usage**

Plot	Did you use pesticides on this plot of land on which you grew brinjal?  Yes .....1 No .....2>>> go to next plot	Please list all months in which you used pesticides on this plot of land	Name of pesticides used in this month	For which pest/insect was this pesticide applied?	For which disease this pesticide has been for applied?	Method of application	Number of sprays in this month	Quantity of pesticide	Unit	Total cost
		Code 1	Code 2	Code 3	??	Code 4			Code 5	Tk
Plot_id	H4_01	H4_02	H4_03	H4_04a	H4_04b	H4_05	H4_06	H4_07	H4_08	H4_09
First plot		First Month _	First Pesticide: _							
		First Month _	Second Pesticide: _							
		First Month _	Third Pesticide: _							
		Second Month _	First Pesticide: _							
		Second Month _	Second Pesticide: _							
		Second Month _	Third Pesticide: _							
		Third Month _	First Pesticide: _							
		Third Month _	Second Pesticide: _							
		Third Month _	Third Pesticide: _							
		Fourth Month _	First Pesticide: _							
		Fourth Month _	Second Pesticide: _							
		Fourth Month _	Third Pesticide: _							
		Fifth Month _	First Pesticide: _							
		Fifth Month _	Second Pesticide: _							
		Fifth Month _	Third Pesticide: _							
Second plot starts here		First Month _	First Pesticide: _							
		First Month _	Second Pesticide: _							
		First Month _	Third Pesticide: _							
		Second Month _	First Pesticide: _							
		Second Month _	Second Pesticide: _							
		Second Month _	Third Pesticide: _							
		Third Month _	First Pesticide: _							
		Third Month _	Second Pesticide: _							
		Third Month _	Third Pesticide: _							
		Fourth Month _	First Pesticide: _							
		Fourth Month _	Second Pesticide: _							
		Fourth Month _	Third Pesticide: _							
		Fifth Month _	First Pesticide: _							
		Fifth Month _	Second Pesticide: _							
		Fifth Month _	Third Pesticide: _							

Household Number:

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<b>H4_10</b>	Did you use herbicides on any of the plots of land on which you grew brinjal? IF YES >> __ IF NO >> Module <b>H5</b> .	<input type="text"/>	Yes ..... 1 No..... 2
<b>H4_11</b>	How much did you spend on herbicides?	<input type="text"/>	Tk

<b>Code 1: Months</b> January.....1 February.....2 March..... 3 April.....4 May.....5 June.....6 July.....7 August.....8 September.....9 October.....10 November.....11 December.....12	<b>Code 2: Pesticide variety</b> (Need Pesticide CODE)	<b>Code 3: Pest/insect name</b> (Need Pest/insect CODE)	<b>Code 4: Method of pesticide application</b> Spray...1 Broadcast ...2	<b>Code 5: Units</b> Gram.....1 Milliliter...2
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Household Number:    **Module H5: Pest infestation**

SI No.	Plot ID	Was the brinjal in this plot affected by <u>shoot and fruit borer</u> ? Yes.....1 No.....2>>H5_05	In which month were the plants in this plot <u>most</u> affected by this pest?	What percent of plants were affected?	Was the brinjal in this plot affected by <u>leaf eating beetles</u> ? Yes.....1 No.....2>>H5_08	In which month were the plants in this plot <u>most</u> affected by this pest?	What percent of plants were affected?	Was the brinjal in this plot affected by <u>thrips, white fly, jassid or aphids</u> ? Yes.....1 No.....2>>H5_11	In which month were the plants in this plot <u>most</u> affected by this pest?	What percent of plants were affected?	Was the brinjal in this plot affected by <u>mites, mealy or leaf wing bugs or leaf roller</u> ? Yes.....1 No.....2>>next row	In which month were the plants in this plot <u>most</u> affected by this pest?	What percent of plants were affected?	Quantity discarded b/c of pest infestation or other disease
		Code ↑	Month code	Percent	Code ↑	Month code	Percent	Code ↑	Month code	Percent	Code ↑	Month code	Percent	KG
Sl.	H5_01	H5_02	H5_03	H5_04	H5_05	H5_06	H5_07	H5_08	H5_09	H5_10	H5_11	H5_12	H5_13	H5_14

Household Number:    **Module H6: Use of Tools, Machinery and Draft Animal for Brinjal**

<b>H6_00</b>	Did you use any tools, machinery or draft animals on any of the plots of land on which you grew brinjal?	<input type="text"/>	Yes.....1 No.....2>>MODULE H7
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Sl. No.	Plot ID	For land preparation							Tools/machinery used									
		Animal Used			Machinery Used				For planting		For fertilizer application		For pesticide application		For weeding		For harvesting	
		Have animals been used?	Total bullock days	Cost	Has machinery been used? If code2 = 3>> H6_03a	Power tiller ...1 Tractor .....2 Plough .....3	Rental Cost	Fuel cost	Has machinery been used?	Cost	Has machinery been used?	Cost	Has machinery been used?	Cost	Has machinery been used?	Cost	Has machinery been used?	Cost
		Code 2	days	(Tk/day)	Code 2	Code	(Tk)	(Tk)	Code 2	(Tk)	Code 2	(Tk)	Code 2	(Tk)	Code 2	(Tk)	Code 2	(Tk)
<b>Sl.</b>	<b>Plot ID</b>	<b>H6_01a</b>	<b>H6_01b</b>	<b>H6_01c</b>	<b>H6_02a</b>	<b>H6_02b</b>	<b>H6_02c</b>	<b>H6_02d</b>	<b>H6_03a</b>	<b>H6_03b</b>	<b>H6_04a</b>	<b>H6_04b</b>	<b>H6_05a</b>	<b>H6_05b</b>	<b>H6_06a</b>	<b>H6_06b</b>	<b>H6_07a</b>	<b>H6_07b</b>

**Code 2:**

Yes, I used my own/ I used someone else's free of charge.....1  
 Yes, I rented it and then used it.....2  
 No, I have not used it .....3

Household Number:





### Module H7: Household Labor Usage for Brinjal Production

<b>H7_00</b>	Please tell us which household members worked on brinjal production during this season	<input type="text"/>	Insert MID
		<input type="text"/>	
		<input type="text"/>	
		<input type="text"/>	

We would now like you to tell us the number of hours each person worked on tasks associated with brinjal production during this season

Sl. No.	Plot ID	MID	Name	Land preparation (Ploughing, Harrowing, Leveling etc.)	Planting (Seeding/Transplanting)	Fertilizer (application)	Pesticide application	Weeding	Irrigation (channel maintenance etc.)	Harvest	Sorting and packing	Uprooting of plants
Sl.	ID	MID	Name	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
				H7_01	H7_02	H7_03	H7_04	H7_05	H7_06	H7_07	H7_08	H7_09

Household Number:





## Module H8: Hired Labor Usage by Gender for Brinjal Production

<b>H8_00</b>	Did you hire labor to work on any of the plots of land on which you grew brinjal?	<input type="text"/>	Yes.....1 No.....2>> MODULE H9
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We would now like you to tell us the number of hours worked by hired labor on tasks associated with brinjal production during this season

Please tell us how much you spent on hired labor for these tasks.

Sl. No.	Plot ID	Land preparation (Ploughing, Harrowing, Leveling etc.)				Planting (Seeding/Transplanting)				Fertilizer application				Pesticide application				Weeding			
		Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka
<b>Sl.</b>	<b>ID</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>
Serial	Plot ID	H8_01a	H8_01b	H8_01c	H8_01d	H8_02a	H8_02b	H8_02c	H8_02d	H8_03a	H8_03b	H8_03c	H8_03d	H8_04a	H8_04b	H8_04c	H8_04d	H8_05a	H8_05b	H8_05c	H8_05d

Sl. No.	Plot ID	Irrigation (channel maintenance etc.)				Harvest				Sorting and packing				Uprooting of plants			
		Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka	Hours	Taka
<b>Sl.</b>	<b>ID</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>
Serial	Plot ID	H8_06a	H8_06b	H8_06c	H8_06d	H8_07a	H8_07b	H8_07c	H8_07d	H8_08a	H8_08b	H8_08c	H8_08d	H8_09a	H8_09b	H8_09c	H8_09d



Household Number:




**Module H9: Harvesting and sales**

<b>H9_00</b>	Please tell us in which months did you harvest and/or sell brinjal that you produced during this season	<input type="text"/>	Insert Month Codes
		<input type="text"/>	
		<input type="text"/>	

	<b>Month</b> Repeat for each month of harvest as noted in H9_00							
Plot	Quantity harvested including quantity discarded b/c of pest infestation or other disease	Quantity retained for home consumption or seed stock	Quantity paid to owner of leased plot	Quantity paid to hired labor	Quantity given away as gift	Quantity lost for other reasons	Quantity Sold Kg	Value of sale
	Kg	Kg	Kg	Kg				Tk
<b>H9_01</b>	<b>H9_01a</b>	<b>H9_01b</b>	<b>H9_01c</b>	<b>H9_01d</b>	<b>H9_01e</b>	<b>H9_01f</b>	<b>H9_01g</b>	<b>H9_01h</b>

NOTE: For each plot and month: Quantity harvested must equal Quantity retained for home consumption or seed stock + Quantity paid to owner of leased plot + Quantity paid to hired labor + Quantity given away as gift + Quantity lost for other reasons + Quantity Sold

Household Number:    **Module H10: Marketing of brinjal**

We would now like to ask you some questions about the sale of your brinjal

Who was the main buyer of your brinjal?	In what months did you sell your brinjal to this buyer? (Allow for multiple responses)	Major reason for the choice of this buyer	Second reason for the choice of this buyer	How does this buyer pay you?	% paid in cash and immediately (if 100% go to <b>H10_08</b> )	If buyer paid later, then after how many days?	Did you contact buyer over cell phone before sale? Yes...1 No....2>> <b>H10_10</b>	If yes, to <b>H10_09</b> , was price agreed on cell phone? Yes...1 No....2	Sale location	Dist. and time taken to go to the place where you sold your produce?	Transport means	Transaction time on locate-on of sale	Does the buyer provide any input as advance to the farmer? Yes...1 No...2	Did you sell your crop to anyone else? Yes...1 No....2>>next module	Who was the second most important buyer of your crop?	
Code 1		Code 3	Code 3	Code 4	%	days			Code 5	hour	km	Code 6	Hour			Code 1
<b>H10_01</b>	<b>H10_02a</b> <b>H10_02b</b> <b>H10_02c</b> <b>H10_02d</b>	<b>H10_03</b>	<b>H10_04</b>	<b>H10_05</b>	<b>H10_06</b>	<b>H10_07</b>	<b>H10_08</b>	<b>H10_09</b>	<b>H10_10</b>	<b>H10_11a</b>	<b>H10_11b</b>	<b>H10_12</b>	<b>H10_13</b>	<b>H10_14</b>	<b>H10_15</b>	<b>H10_16</b>

**Code list for Module H10:**

Buyer code 1	Buyer's choice code 3	Payment code 4	Transportation code 6
Village collector.....1	Pays high/fair price.....1	Cash .....1	Porter/ Self carrying .....1
Wholesaler .....2	Buys a bulk .....2	Ingredients .....2	Rickshaw.....2
Cold storage owner .....3	Buys limited quantity .....3	Part cash & part goods .....3	Van .....3
Cold storage wholesale.....4	Makes advance	Cheque .....4	Push van.....4
Collection center of company.....5	Payment.....4	Others (please specify) .....5	Tractor .....5
Processing farm.....6	Makes immediate		Truck/pickup .....6
Co-operative society.....7	Payment.....5		Motorcar(Nosimon/korimon/tempoo/CNG/Easybike etc. 7
Farmer society .....8	Lives nearby.....6	<b>Farmer's sale center code 5</b>	Bicycle .....8
Retailer.....9	No other option .....7	Farmer's field /	Motor bicycle.....9
Consumer .....10		own village.....1	Horse cart.....10
Hotel/ restaurant .....11		Local retail market .....2	Bullock cart.....11
Others (please specify) .....12		District wholesale market.....3	Boat.....12
		Another district	Engine boat .....13
		Wholesale market.....4	From own home.....14
		Dhaka wholesale market .....5	Others (please specify) .....15
		Other wholesale market.....6	
		Cold storage .....7	
		Wholesale collection center.....8	
		Others (please specify) .....9	

**THEN REPEAT MODULE I FOR ALL OTHER SEASONS IN LAST YEAR WHEN BRINJAL WAS GROWN**

Household Number: **Module I: Knowledge, use and exposure to pesticides (Respondent: Person most knowledgeable about brinjal production and application of pesticides)**

<b>MID of person answering questions in this module (This should be the household member primarily responsible for preparing and applying pesticides).</b>	<input type="text"/>
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We would like to ask you about knowledge, use and exposure to pesticides by household members aged 15 years and older

Member ID (Only list Member ID of members aged 15 years and older)	Name	Was this person involved in brinjal cultivation in last one year? Yes ..... 1 No ..... 2	Was this person involved in pesticide application e.g. mixing concentrated liquid or powder with water, putting into the sprayer? Yes ..... 1 No ..... 2 >> <b>I1_01e</b>	If yes, did s/he spray pesticide? Yes ..... 1 No ..... 2 >> <b>I1_01e</b>	How often did s/he spray pesticide? 1=Mostly; 2=Sometimes; 3=Rarely	Was this person involved in any other crop production?  Yes ..... 1 No ..... 2 >> <b>I1_01g</b>	Did this person spray pesticides on other crops?  Yes ..... 1 No ..... 2	Did this person come into contact with pesticides outside the family farm? (For example, while working as a laborer on other farms; in a factory etc.)  Yes ..... 1 No ..... 2
		Code ↑	Code ↑	Code ↑	Code ↑		Code ↑	Code ↑
<b>MID</b>	<b>Name</b>	<b>I1_01a</b>	<b>I1_01b</b>	<b>I1_01c</b>	<b>I1_01d</b>	<b>I1_01e</b>	<b>I1_01f</b>	<b>I1_01g</b>

Question Number	Questions	Response	Code
<b>I2</b>	Before using pesticides on brinjal, do you read the labels on the bottle/package?	<input type="text"/>	Yes ..... 1 >> I4 No ..... 2 >> I5 Unable to read ..... 8 >> I3
<b>I3</b>	If you cannot read, do you get help from others who can read	<input type="text"/>	Yes ..... 1 No ..... 2
<b>I4</b>	Do you follow the instructions on the label?	<input type="text"/>	Yes, all time ..... 1 Yes, sometime ..... 2 No ..... 3
<b>I5</b>	Do you mix pesticides with:		
<b>I5a</b>	With bare hands	<input type="text"/>	Yes ..... 1 No ..... 2
<b>I5b</b>	With hands and wearing gloves	<input type="text"/>	Yes ..... 1 No ..... 2
<b>I5c</b>	With a stick, but bare hands	<input type="text"/>	Yes ..... 1 No ..... 2
<b>I5d</b>	With a stick and wearing gloves	<input type="text"/>	Yes ..... 1 No ..... 2
<b>I6</b>	Before spraying, do you wear the following:		

Household Number:    

Question Number	Questions	Response	Code
I6a	Hand gloves	<input type="text"/>	Yes ..... 1 No ..... 2
I6b	Head cover	<input type="text"/>	Yes ..... 1 No ..... 2
I6c	Face shield	<input type="text"/>	Yes ..... 1 No ..... 2
I6d	Eye protection	<input type="text"/>	Yes ..... 1 No ..... 2
I6e	Full sleeve shirt/kurta	<input type="text"/>	Yes ..... 1 No ..... 2
I6f	Full length trousers/lungi	<input type="text"/>	Yes ..... 1 No ..... 2
I6g	Sandal /shoes	<input type="text"/>	Yes ..... 1 No ..... 2
I7	Do you determine the wind direction first and then spray?	<input type="text"/>	Yes ..... 1 No ..... 2
I8	Do you spray when it is windy?	<input type="text"/>	Yes ..... 1 No ..... 2
I9	How do you clean the sprayer's nozzle	<input type="text"/>	Blowing air on it with the mouth, without washing it off ..... 1 Blowing air on it with the mouth, with washing it off ..... 2 Cleaning it with an implement/thin wire, without washing it off .... 3 Cleaning it with an implement/thin wire, with washing it off ..... 4 Spray using only water ..... 5 Other method ..... 6
I10	Do you wash your hands after you have finished spraying?	<input type="text"/>	Yes ..... 1 No ..... 2
I11	Do you wash your face after you have finished spraying?	<input type="text"/>	Yes ..... 1 No ..... 2
I12	Do you take a bath/shower after you have finished spraying?	<input type="text"/>	Yes ..... 1 No ..... 2
I13	Do you change your clothes after you have finished spraying?	<input type="text"/>	Yes ..... 1 No ..... 2
I14	Do you keep medicine or food items in pesticide bottles after washing them out?	<input type="text"/>	Yes ..... 1 No ..... 2
I15	Do you keep pesticide bottles in the same place where you keep medicine or food items	<input type="text"/>	Yes ..... 1 No ..... 2
I16	How many years has this household been growing brinjal?	<input type="text"/>	Years
I17	How many years has thus household been applying pesticides to brinjal?	<input type="text"/>	Years

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**Module J: Agriculture (for all crops) EXCEPT FOR BRINJAL (Respondent: Person most knowledgeable about farm production)**

MID of person answering questions in this module

Note:

- Do not include leased/rented out plots.
- If more than one crop is harvested on the same plot during the recall period, then use separate crop row for each crop.
- Collect plot level data in case of inter-cropping. For more than one crop report information using crop code.
- If plot is divided (at the same time) for different crop production (e.g. intercropping &/mixed cropping), then use decimal for divided plot/sub plot.[e.g. if plot no. 5 is divided into 3 sub plots then write 5.1, 5.2 and 5.3 as plot ID.].
- Write area in decimal of sub plot in J1\_03, please note that summation of all sub plots will be less than or equal to the total area of original plot mentioned in Module G.

## Module J1: CROP PRODUCTION

Report for plot wise crop data for all Crop [EXCEPT FOR BRINJAL] cultivated during **in last 12 months [from October 2016 to September 2017]**.

PLOT ID in Module G and Module J must match.

[illegible]

Household Number:    **Code 1: Agriculture crop codes**

Major Cereals	Pulses	Vegetables	Leafy vegetables	Fruits (continued)	Other crops (continued)
B Aus (local) ..... 10	Lentil(Moshur)..... 51	Pumpkin..... 101	Pui Shak..... 201	Lemon..... 312	Tobacco..... 601
T. Aus (local)..... 11	Mung..... 52	Patal..... 103	Palang Shak (Spinach)..... 202	Shaddock (pomelo) ..... 313	Bettlenut..... 602
T. Aus (HYV)..... 12	Black gram (Mashkalai)..... 53	Okra..... 104	Lal Shak..... 203	Black berry..... 314	Bettleleaf ..... 603
T Aus (hybrid) ..... 13	Chickling Vetch(Khesari) ..... 54	Ridge gourd..... 105	Kalmi Shak ..... 204	Other fruits (lemon like)..... 315	Other Tobacco like crop..... 604
B. Aman (local) ..... 14	Chick pea (Chhola) ..... 55	Bitter gourd..... 106	Danta Shak..... 205	Other fruits..... 316	Cut flower ..... 605
T Aman(local)..... 15	Pigeon pea (Aarohor) ..... 56	Arum..... 107	Kachu Shak..... 206	Boroi (Bitter Plum) ..... 317	
T. Aman (HYV) ..... 16	Field pea (Motor) ..... 57	Ash gourd..... 108	Lau Shak..... 207	Rose Apple..... 318	
T. Aman (hybrid)..... 17	Soybean (Gori kalai/ Kali motor)..... 58	Cucumber..... 109	Mula Shak..... 208	Wood Apple..... 319	
Boro (local) ..... 18	Other Pulses ..... 59	Carrot ..... 110	Khesari Shak..... 209	Ambada/Hoq Plum..... 320	
Boro (HYV)..... 19		Cow pea ..... 111	Other green leafy vegetables . 210	Pomegranate..... 321	
Boro (hybrid)..... 20		Snake gourd ..... 112	Potato Leaves..... 211	Bilimbi ..... 322	
Wheat (local) ..... 21	<b>Oil Seeds</b>	Danta..... 113	Cabbage ..... 212	Chalta..... 323	
Wheat (HYV) ..... 22	Sesame..... 61	Green banana/plantain..... 114	Chinese cabbage ..... 213	Tamarind(pulp) ..... 324	
Maize..... 23	Linseed(tishi) ..... 62	Cauliflower ..... 115		Olive(wild)..... 325	
Barley ..... 24	Mustard ..... 63	Water gourd ..... 116	<b>Fruits</b>	Coconut/Green Coconut..... 326	
Job ..... 25	Ground nut/peanut ..... 64	Sweet gourd ..... 117	Banana ..... 301		
Cheena..... 26	Soybean ..... 65	Tomato ..... 118	Mango..... 302	<b>Other crops</b>	
Kaun (Italian millet) ..... 27	Castor (rerri) ..... 66	Radish ..... 119	Pineapple ..... 303	Potato ..... 411	
Joar (Great millet)..... 28	Other Oilseeds..... 67	Turnip ..... 120	Jack fruit ..... 304	Sweet potato..... 412	
Bajra (Pearl millet) ..... 29		Green Papaya ..... 121	Papaya..... 305	Mulberry(Tunt) ..... 413	
Others ..... 30	<b>Spices</b>	Kakrol..... 122	Water melon..... 306	Orange flesh sweet potato ..... 414	
<b>Fiber Crops</b>	Chili ..... 71	Yam Stem ..... 123	Bangi/Phuti/Musk melon ..... 307		
Dhonche ..... 41	Onion ..... 72	Other green Vegetables ..... 124	Litchis..... 308	Sugurcan ..... 501	
Jute ..... 42	Garlic ..... 73	Drumstick..... 125	Guava..... 309	Date..... 502	
Cotton..... 43	Turmeric ..... 74	Bean ..... 126	Ataa ..... 310	Palm ..... 503	
Bamboo ..... 44	Ginger ..... 75	Coriander leaf..... 127	Orange ..... 311	Date Juice..... 504	
Other Fiber ..... 45	Dhania/Coriander ..... 76			Tea ..... 505	
	Other spices ..... 77				

Household Number:    **Module J2: Access to agricultural extension for crops****Recall period: Last 12 months [from October 2016 to September 2017].**

Question Number	Questions	Response		Code
<b>J2_01</b>	Did any agricultural extension agent visit your farm during the last 12 months?	<input type="text"/>		Yes ..... 1 No ..... 2 >> <b>J2_04</b>
<b>J2_02</b>	If <b>J2_01</b> is 1, then how many times did s/he come?	All crops	Brinjal	
<b>J2_02a</b>	From government extension service office	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_02b</b>	From NGO ( _____ )	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_02c</b>	From Other ( _____ )	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_03</b>	Did you receive advice on the following?	All crops	Brinjal	
<b>J2_03a</b>	Fertilizer use	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2
<b>J2_03b</b>	Pesticide use	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2
<b>J2_03c</b>	Pest and Diseases	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2
<b>J2_04</b>	Did you go to any extension agent or contacted over phone?	<input type="text"/>		Yes ..... 1 No ..... 2 >>Module End
<b>J2_05</b>	If <b>J2_04</b> is 1, who went or who contacted over phone?	<input type="text"/>	<input type="text"/>	<input type="text"/> Member ID
<b>J2_06</b>	How many times did you visit or contact the following?	All crops	Brinjal	
<b>J2_6a</b>	Government extension service office	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_6b</b>	NGO ( _____ )	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_6c</b>	Other ( _____ )	<input type="text"/>	<input type="text"/>	(Report frequency of visit. Report '0' if not visited)
<b>J2_07</b>	Did you receive advice on the following?	All crops	Brinjal	
<b>J2_07a</b>	Fertilizer use	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2
<b>J2_07b</b>	Pesticide use	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2
<b>J2_07c</b>	Pest and Diseases	<input type="text"/>	<input type="text"/>	Yes ..... 1 No ..... 2

Household Number:

   
**Module K: Personal history, sense of agency (Respondent: Person most knowledgeable about brinjal production)**

We would like to end this interview by asking a few questions about you.

Question Number	Questions	Response	Code
K01	How many years have you lived in this village?	<input type="text"/>	Years
K02	How many years have you been a farmer?	<input type="text"/>	Years
K03	Have you ever worked outside this village?	<input type="text"/>	Yes .... 1 No .....2
K04	Do you occasionally give up doing something because you don't think you have the ability?	<input type="text"/>	Yes .... 1 No .....2
K05	Do you occasionally feel like not listening to people even if you know they are right?	<input type="text"/>	Yes .... 1 No .....2
K06	Do you sometimes get irritated/annoyed (translate so understandable) by people who ask you to do something for them?	<input type="text"/>	Yes .... 1 No .....2
K07	Are you always courteous, even to people who are disagreeable/not pleasant?	<input type="text"/>	Yes .... 1 No .....2
K08	When you make a mistake, are you always willing to admit it?	<input type="text"/>	Yes .... 1 No .....2
K09	Which of the following propositions do you <i>most agree</i> with :  1. "Each person is primarily responsible for his/her own success or failure in life" OR 2. "One's success or failure is a matter of his/her destiny"	<input type="text"/>	1 "Each person is primarily responsible for his/her own success or failure in life" OR 2 "One's success or failure is a matter of his/her destiny"