FARMER PERCEPTIONS SURVEY
Dev Patel
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[Notes describing the mechanics of the survey are written in italics inside brackets. Instructions for the enumerators not intended to be read aloud to the respondent are denoted in blue.]

Section A: Preparation of Interview

A1: Select your name

A2: Select the name of the union

A3: Select the name of the respondent

A4: Enter your GPS location. Make sure you are outside of the room. If not possible, swipe forward.

A5: *[If the GPS location is missing]* Do not forget to provide a GPS location! Try your best to take the GPS location. If not possible, swipe forward.

Section B : Introduction

B1: Assalamu Alaikum / Namaskar. My name is *[NAME]*. I am with a social enterprise organization called Empower. We are doing a study on farmers in your area. In *[MONTH]*, we interviewed someone in this household. We interviewed *[NAME]*. We would like to interview *[NAME]* again. I would pay 500 Taka as a thank you gift for the interview. Is *[NAME]* available?

Instructions:
If someone other than [NAME] was the respondent at baseline, click "Wrong Fall Respondent".
If the respondent from the baseline is unavailable, click "Fall Respondent Unavailable".
If the respondent from the baseline refuses to participate, click "Fall Respondent Refuses".
If the respondent is available, click "Available" to schedule the interview.
[If B1 is "Wrong Fall Respondent" or "Fall Respondent Unavailable" or "Fall Respondent Refuses", the interview ends.]

B2: *[If B1 is "Fall Respondent Refuses":]Instructions: Since the respondent has refused, please delete this form and tell your supervisor.*

B3: *[If B1 is "Wrong Fall Respondent":]* Who in this household answered the questions during the survey in *[MONTH]*?

B4: *[If B1 is "Fall Respondent Unavailable":]* Why is *[NAME]* unavailable?

B5: Please enter other reason.

B6: *[If B1 is "Fall Respondent Unavailable":]* Who in this household makes decisions about farming instead of *[NAME]*?

B7: *[If B1 is "Fall Respondent Unavailable":]* Thank you. I would like to do this interview with someone in this household who makes decisions about farming. Who is available?

B8: *[If B1 is "Wrong Fall Respondent" or "Fall Respondent Unavailable":] Instructions: Please return later and conduct the survey when the respondent from the [MONTH] is available. It is important that we survey the same person as we did in [Month]. Please delete this form and start a new survey when you return.*

B9: *[If B1 is "Available":]* I just want to confirm I am speaking to the right person. In *[MONTH]*, we interviewed *[NAME]*. Is that you?
   - Yes | No

B10: *[If B9 is "Yes":]* I just want to confirm I am speaking to the right person. In *[MONTH]*, we interviewed *[NAME]*. Is that you?
   - Yes | No

B11: *[If B10 is "Yes":]* I just want to double check that I have the right information. Are these the names of some other people in your household?
Instructions: Please read out the names. As long as they are correct, click any of the names to continue. If this is the wrong household, please go back and select the right one. It is okay if there are some typos or missing names as long as it is clear this is the right household.

B12: Thank you so much for taking the time to speak with me today. I greatly appreciate your time.

B13: *[If B1 is "Available":]* **CONSENT FORM:** We are working with researchers from Harvard University to study agriculture in Bangladesh. In the fall, we invited you to be a participant in this study because you are a Boro rice farmer. You were chosen by a random selection process. We value your opinion. Today, we invite you to participate in a follow-up interview during which we will ask you about your farming practices and your household. We may also provide you with information about your local environmental conditions and different ways you might adapt to that information. Today, we will use approximately 1.5 hours of your time to collect information.

We will give you 500 Taka today for your time, and we will also give you the chance to buy some items, including seeds, a plate, and agricultural information. You may receive some or all of these items for free.

This study will be conducted anonymously, and your identity will never be revealed publicly. There will be no cost to you other than your time. This study poses no more than minimal risk. Your participation in this research is completely voluntary. You are free to withdraw your consent and discontinue participation in this study at any time. You may ask questions at any time.

Your participation will be highly appreciated. The answers you give will help provide better information to policy-makers and researchers so that they can better help farmers like you.

The researcher for this project is Dev Patel, and this research has been reviewed and approved by the Harvard University Area Institutional Review Board. If you have any questions about this research, you can contact the research team at *+XXXXXXXXXXX*, or you may contact Harvard University IRB.

The researcher read to me orally the consent form and explained to me its meaning. I agree to take part in this research. I understand that I am free to discontinue participation at any time if I so choose, and that the investigator will gladly answer any question that arises during the course of the research.
- Yes | No
  [If B13 is "No", the interview ends.]

B14: *[If B13 is "No":]* *Instructions: Since the respondent refused to participate, please thank them for their time, delete this form, and tell your supervisor.*

B15: *[If B13 is "Yes":]* What are the biggest issues that you face in cultivating Boro rice?
- *[Audio recording]*

Section C : Crop Diagnosis

C1: I'm now going to show you some pictures of rice plants. I'm going to ask you what you think has made the plant look the way it does.

[Questions C2 through C5 are repeated five times for each respondent with random different images in a random order. See the next page for the set of images.]

Instructions: Show image *[IMAGE NUMBER]*.

C2: What do you think has caused the plant to look this way?

Instructions: Do not read the possible answers to the respondent.

- Not enough water | Too much water | Not enough fertilizer | Too much fertilizer | Salinity | Pest/lack of pesticide (farmer does not specify) | Brown spot | Bacterial blight | Bacterial leaf streak | Sheath blight | Blast (leaf and collar) | Blast (neck) | Sheath rot | Tungro | Ufra | Fungus | Rice stem borer | Brown plant hopper | Grasshopper | Yellow stem borer | Hispa | Other | Nothing | Don't know

C3: *[If C2 is "Other"]* Specify

C4: Have you ever grown a crop that looks like this?
- Yes | No

C5: Have you ever seen a crop that looks like this on one of your neighbors' plots?
- Yes | No

[Below are each of the images shown in the loop for questions C2 through C5. Two images were selected from among images 8, 9, 10, and 13 with equal probability, and the remaining 3 were drawn from the rest of the set with equal probability. The order of images was random.]

Section D : Practice Belief Elicitation

D1: *Instructions: Prepare weather pictures.*

Very Sunny	Partly Cloudy	Very Cloudy	A Little Rain	Heavy Rain
The sun is never covered by clouds	The sun is covered by clouds for less than half of the day	The sun is covered by clouds for half or more of the day	Rain for less than 30 minutes	Rain for more than 30 minutes

D2: In this survey, I will ask you some questions asking for your opinion on what might happen in the future. **It is true that no one knows the future for sure, but you should try to answer your best guess.**
I will now show you a sample question for practice so that you understand the type of the question.

D3: These pictures show some different possibilities about the weather.
For instance, it may be very sunny with no clouds covering the sun. (*Instructions: Point to picture 1.*)
It could be a little cloudy so that the sun is visible for at least half of the day. (*Instructions: Point to picture 2.*)
It could be very cloudy so that the sun is visible less than half the time. (*Instructions: Point to picture 3.*)
It could be a little rainy so that it rains for less than 30 minutes. (*Instructions: Point to picture 4.*)
It could be very rainy so that it rains for more than 30 minutes. (*Instructions: Point to picture 5.*)

D4: It is true that no one knows the future for sure, but you should try to answer your best guess. So for this picture of the weather, even though no one can know for sure what the weather will be, you can use this picture to make your best guess about what will happen.

D5: Here are 10 buttons. You should place buttons on the picture to show that you think that is more likely to happen.
It's okay if you put a button in every box or a button in only one box, it is up to you. You can put buttons in whichever box you think. You should always put down ten buttons.
For instance, if you think that each of these different weathers is equally likely to happen, you would put the same number of buttons on each picture. (*Instructions: Put two buttons on each picture.*)

If you think that one of these is definitely not going to happen, you would not put any buttons on that picture. So if you definitely thought it would not rain more than 30 minutes tomorrow, you would not put any buttons on that picture. If you think that it is more likely that it is very sunny with no clouds covering the sun, then you might put more buttons on that picture. (*Instructions: Take away the two buttons from picture 5 and add the same two buttons to picture 1.*)

You should always put ten buttons down in all. Does this make sense?

(Instructions: Answer any questions)

- Yes | No

D6: I will now ask you a few questions to check that you clearly understand the process. If you think that it will rain at least a little tomorrow, how would you place the buttons on the picture?

- very sunny | some clouds | very cloudy | little rainy | very rainy

Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.

D7: *[If the sum entered in D6 doesn't equal to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

D8: *[If D6 is equal to 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

D9: *[If the respondent places buttons on any of the cases with no rain:]* The answer is not correct. Because in the previous example you said it must rain tomorrow, but you have put buttons on pictures that don't rain. Do you understand?

- Yes | No

D10. *[If the respondent doesn't place buttons on any of the cases with no rain:]* That's right. Because in this example you thought it must rain tomorrow, so you didn't put a button on the pictures that didn't rain.

D11. *Instructions: Place the following number of buttons on each image, in order:*

2 on very sunny | 3 on some clouds | 3 on very cloudy | 1 on a little rainy | 1 on very rainy

Now, imagine that I placed the buttons on the image like this. Does that mean I think tomorrow is more likely to be very cloudy or a little rainy?

- Very cloudy is more likely | A little rainy is more likely | Both are equally likely | Don't know

D12. *[If D11 is "Very cloudy is more likely":]* That's right. Because there are more buttons in the very cloudy image than the slightly rainy one, that means I think tomorrow's weather is more likely to be very cloudy.

D13: *[If D11 is not "Very cloudy is more likely":]* It's wrong. Because there are more buttons on very cloudy photos than just a little rain, that means I think tomorrow's weather is more likely to be very cloudy.

D14: *[If both previous practice questions were answered incorrectly:]* Let's try one more practice question.

Instructions: Place the following number of buttons on each image, in order:

0 on very sunny | 2 on some clouds | 3 on very cloudy | 3 on a little rainy | 2 on very rainy

Now, imagine that I placed the buttons on the image like this. Does that mean I think tomorrow is more likely to rain for more than 30 minutes or not rain at all?

- No rain is more likely | Rain for more than 30 minutes is more likely | Both are equally likely | Don't know

D15: *[If D14 is "No rain is more likely":]* That's right. Because there are more buttons images where there is no rain than there are on this image that shows rain for more than 30 minutes, that means I think tomorrow's weather is more likely not to have any rain than to rain for more than 30 minutes.

D16: *[If D14 is not "No rain is more likely":]* It's wrong. Because there are more buttons images where there is no rain than there are on this image that shows rain for more than 30 minutes, that means I think tomorrow's weather is more likely not to have any rain than to rain for more than 30 minutes.

D17. Okay, now let's look at this practice question. What do you think the weather will be like tomorrow?

- very sunny | some clouds | very cloudy | little rainy | very rainy

Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.

D18. *[If the sum entered in D17 doesn't equal to 10:]* *Warning: The number of buttons did not add up to 10. Please go back and check.*

D19. *[If D17 is equal to 99:]* *Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

D20. You placed *[Value from D17]* buttons on a very sunny photo, *[Value from D17]* buttons on a slightly cloudy photo, *[Value from D17]* buttons on a very cloudy photo, *[Value from D17]* buttons on a slightly rainy photo, and *[Value from D17]* buttons on a very rainy photo. *Instructions: Interpret answer for respondent.* Is this what you mean?

- Yes | No

D21. How confusing do you find this question? (*Instructions: Read out the options.*)

- Not at all confusing | A little confusing | Somewhat confusing | A lot confusing | Very confusing

D22. Thank you. We will now move on to the main questions in the survey.

Section E : Agricultural Decisions

E1: How many different plots did you cultivate rice on during the dry season this year? Sometimes, this is called the Boro season or the winter season.

A plot is a single area of land. If a land is all connected, then that counts as one plot.

E2: *[If E1 is less than [Baseline Boro Plots:]]* In the fall, you said that you expected to cultivate *[Baseline Boro Plots]* plots. Why did you decide to cultivate fewer plots?

Instructions: Do not read out the options, choose the option according to what the respondent says.

- Had less money than expected | Had more money than expected | Plot was more salty than expected | Plot was less salty than expected | Experienced a bad shock | Experienced a good shock | Other crops became more profitable | Other crops became less profitable | Fishing became more profitable | Fishing became less profitable | Couldn't use land | Other | Don't know

E3: *[If E1 is greater than [Baseline Boro Plots]:]* In the fall, you said that you expected to cultivate *[Baseline Boro Plots]* plots. Why did you decide to cultivate more plots?

Instructions: Do not read out the options, choose the option according to what the respondent says.

- *[Options are same as E2]*

E4: *[If E2 or E3 are selected as "Other":]* Specify

E5: In the fall, we asked you a lot of questions about one of your plots. This plot is *[PLOT ID SIZE]* decimales big. This is where we collected soil salinity measurements. Do you know which plot I am talking about?

- Yes | No

E6: *[If E5 is "No":]* *Show image of plot if available.*

Here is a photo we took at the plot. You said you had been growing on this plot for *[NUMBER OF YEARS FROM BASELINE]* years. Do you know which plot I am talking about now?

- Yes | No

E7: *[If E6 is "No":]* That is okay. In the fall, you said you expected to plant on a plot that is *[PLOT ID SIZE]* decimales big during the Boro season. Please make your best guess about which plot this is.

E8: *[If E5 and E6 are "Yes":]* Thank you. I will call this plot the survey plot because that is the plot that we asked you a lot of survey questions about in the fall.

E9: *[If E1 is less than 6:]* I will now ask you some questions about each of your dry season rice plots. To make it easier for us to understand, let's start with the plot that is the closest to your house. We will call that plot number 1.

E10: *[If E1 is greater than 6:]* I will now ask you some questions about the five largest of your dry season rice plots. To make it easier for us to understand, let's start with the plot that is the closest to your house. We will call that plot number 1.

[Questions E11 through E23 are repeated for the number of plots, based on the answer to E1.]

E11: *[If E1 is greater than 1:]* I will now ask you about plot number *[PLOT INDEX]*.

E12: Is this the survey plot?

- Yes | No

E13: Plot *[PLOT INDEX]* :

How big is the plot *[PLOT INDEX]*? Please tell me in decimals.

E14: What varieties did you plant on plot *[PLOT INDEX]*?

- Binadhan-18 | Binadhan-14 | Binadhan-10 | Binadhan-8 | Binadhan-6 | Binadhan-5 | BRRI Hybrid dhan 6 | BRRI Hybrid dhan 5 | BRRI Hybrid dhan 4 | BRRI Hybrid dhan 3 | BRRI Hybrid dhan 2 | BRRI Hybrid dhan 1 | Hybrid (not specified) | BRRI dhan 96 | BRRI dhan 29 | BRRI dhan 28 | BRRI dhan 88 | BRRI dhan 86 | BRRI dhan 85 | BRRI dhan 84 | BRRI dhan 83 | BRRI dhan 82 | BRRI dhan 81 | BRRI dhan 74 | BRRI dhan 69 | BRRI dhan 68 | BRRI dhan 67 | BRRI dhan 66 | BRRI dhan 64 | BRRI dhan 63 | BRRI dhan 61 | BRRI dhan 60 | BRRI dhan 45 | Iratom-24 | Binadhan-7 | HIRA | Hira-2 | Other

E15: *[If E14 "Other" is selected:]* Select seeds.
- ACI 5 | BR 1 (Chandina) | BR 2 (Mala) | BR 3 (Biplab) | BR 4 (BRRI Shail) | BR 5 (Dulabhog) | BR 6 | BR 7 (BRRI Balam) | BR 8 (Asha) | BR 9 (shufala) | BR 10(Progoti) | BR 11(Mukta) | BR12 (Mayna) | BR14 (Gazi) | BR15 (Mohini) | BR16 (Shahibalam) | BR17 (Hashee) | BR18 (Shajalal) | BR19 (Mangol) | BR20 (Nizami) | BR21(Niamot) | BR22(Kiron) | BR23 (Dishari) | BR24 (Rahmat) | BR25 (Nayapajam) | BR26(Sraboni) | BRRI dhan27 | BRRI dhan28 | BRRI dhan29 | BRRI dhan30 | BRRI dhan31 | BRRI dhan32 | BRRI dhan33 | BRRI dhan34 | BRRI dhan35 | BRRI dhan36 | BRRI dhan37 | BRRI dhan38 | BRRI dhan39 | BRRI dhan40 | BRRI dhan41 | BRRI dhan42 | BRRI dhan43 | BRRI dhan44 | BRRI dhan45 | BRRI dhan46 | BRRI dhan47 | BRRI dhan48 | BRRI dhan49 | BRRI dhan50 (Banglamoti) | BRRI dhan51 | BRRI dhan52 | BRRI dhan53 | BRRI dhan54 | BRRI dhan55 | BRRI dhan56 | BRRI dhan57 | BRRI dhan58 | BRRI dhan59 | BRRI dhan60 | BRRI dhan61 | BRRI dhan62 | BRRI dhan63 | BRRI dhan64 | BRRI dhan65 | BRRI dhan66 | BRRI dhan67 | BRRI dhan68 | BRRI dhan69 | BRRI dhan70 | BRRI dhan71 | BRRI dhan72 | BRRI dhan73 | BRRI dhan74 | BRRI dhan75 | BRRI dhan76 | BRRI dhan77 | BRRI dhan78 | BRRI dhan79 | BRRI dhan80 | BRRI Hybrid dhan1 | BRRI hybrid dhan2 | BRRI hybrid dhan3 | BRRI hybrid dhan4 | BRRI hybrid dhan5 | BRRI hybrid dhan6 | BRRI dhan81 | BRRI dhan 82 | BRRI dhan 83 | BRRI dhan 84 | BRRI dhan 85 | BRRI dhan 86 | BRRI dhan 87 | BRRI dhan 88 | BRRI dhan 89 | BRRI dhan 90 | BRRI dhan 91 | BRRI dhan 92 | BRRI dhan 93 | BRRI dhan 94 | BRRI dhan 95 | BRRI dhan 96 | BRRI dhan 97 | BRRI dhan 98 | BRRI dhan 99 | BRRI dhan 100 | Iratom-24 | Binasail | BInadhan-1 | Binadhan-4 | Binadhan-5 | Binadhan-6 | Binadhan-7 | Binadhan-8 | Binadhan-9 | Binadhan-10 | Binadhan-11 | Binadhan-12 | Binadhan-13 | Binadhan-14 | Binadhan-15 | Binadhan-16 | Binadhan-17 | Binadhan-18 | Binadhan-19 | Binadhan-20 | Binadhan- 21 | Binadhan- 22 | Binadhan-23 | Binadhan-24 | Binadhan-28 | BU dhan-1 | BU Aromatic hybrid dhan-1 | BU dhan-2 | BAU dhan-1 (BAU -63) | BAU dhan-2 | Panbira (DA 12) | Dharial (DA 14) | Dular (DA 22) | Marichbati (DA 24) | Hashikalmi (DA 26) | Tilockachari (DA 7) | Latisail (DA 12) | Nizersail (DA 25) | Bashamanik (DA 31) | Patnai23 (Barisal No.2) | Rajasail (Barisal No.4) | Gabura (DW 2) | Maliabhangar | Habiganj Boro II (Tupaboro) | Habiganj Boro IV (Khoiaboro) | Habiganj Boro VI (Pusshusail) | RAJA | RAJKUMAR | SHAKTI 1 | SHAKTI 2 | SHONALI | SONAR BANGLA | TAJ | TEPIDHAN | NERICA (NEW RICE FOR AFRICA) | GUTI/RAJSHAHI/LALSHORNA | HARIDHAN | HASHI BR 17 (BORO) | HIRA | HS | JAGORON | JAMAIBABU | KAJALLATA | KAJOL | KIRON BR-22* (AMAN) | LAL TEER | MALA BR-2 (BORO/AUS) | MINIKET | BINNI DHAN | ALOK | ALORON 1 | ALORON 2 | ASA BR-8 (BORO/AUS) | BASHMATI | BHOJON(WHITE/COARSE) | BIJOY | Hybrid (not specified) | Hira-2 | Hira-7 | Other

E16: *[If E15 is "Other":]* Specify name of seeds not found on the list, separating each different name with a comma: ",". For example: "67, 28"

[For each unique seed mentioned by the respondent for this plot, the survey cycles through Questions E17 through E20:]

E17: How many decimales did you plant *[SEED NAME]* on plot *[PLOT INDEX]*?

E18: Did you already harvest the *[SEED NAME]* variety from plot *[PLOT INDEX]*?
  - Yes | No

E19: *[If E18 is "Yes":]* How much variety *[SEED NAME]* did you harvest from plot *[PLOT INDEX]*?

Please enter the amount in maund.

E20: *[If E18 is "No":]* How much variety *[SEED NAME]* do you expect to harvest from plot *[PLOT INDEX]*?

Please enter the amount in maund.

E21: Were there any problems with the harvest on plot *[PLOT INDEX]* this year?
  - Yes | No | Don't know

E22: *[If E21 is "Yes":]* What were the problems?

Instructions: Do not read out choices, but mark any that the respondent says.
  - Brown spot | Bacterial blight | Bacterial leaf streak | Sheath blight | Blast (leaf and collar) | Blast (neck) | Sheath rot | Tungro | Ufra | Fungus | Rice stem borer | Brown plant hopper | Grasshopper | Yellow stem borer | Hispa | Lack of rainfall | Lack of water in river | Lack of water in dam | Fall in groundwater level | Not enough water | Too much water | Salinity | Water too saline | More arsenic in groundwater | Electric failure | Lack of diesel | Dispute with irrigation organization | Irrigation machine disfunction | Not enough fertilizer | Too much fertilizer | Other | Don't know

E23: *[If E21 is "Other":]* Specify

E24: Are there some seeds that grow better when the soil is salty?

Instructions: Do not change this answer if later, after you tell them about 67, they say that they did know about it.
  - Yes | No | Don't know

E25: *[If E24 is "Yes":]* Please name some such seeds
  - *[Options are same as E14]*

E26: *[If E24 is "Yes":]* Select seeds.
  - *[Options are same as E15]*

E27: *[If E26 is "Other":]* Specify the name of seeds not found on the list, separating each different name with a comma: ",". For example: "67, 28"

E28: *[If E24 is "Yes":]* Do you know where or how to get saline resistant seeds?
  - Yes | No

E29: *[If E24 is "Yes":]* How much do you think the price of these seeds are per kg if you were to buy them for this coming season?

Instructions: Please enter 99 if the respondent says they do not know.

E30: *[If E24 is "No":]* Researchers have developed some seeds that grow well in saline soils. An example is 67 seeds. Have you heard of this type of seed?
  - Yes | No | Don't know

[Questions E31 through E40 are asked for each unique seed mentioned in the ploot loop above:]

E31: How much did you spend on *[SEED]* this past season?

Instructions: Please enter 99 if the respondent says he does not know.

E32: How many kgs of *[SEED]* did you buy this season?

Instructions: Please enter 99 if the respondent says he does not know.

E33: In your view, what are the most important features of *[SEED]*?
Do not read out options to the respondent.
- Grain Yield | Grain Size | Insect/disease resistant | Flood tolerant | Saline tolerant | Drought tolerant | Zinc enriched | Low labor required | Low input required | Ease of processing | Market demand | Good taste | Nice color | Good as animal feed | Others (specify) | None | Refuse to answer | Don't know

E34: Is this *[SEED]* saline tolerant?
- Yes | No | Don't know

E35: Is this *[SEED]* resistant to any insect or disease?
- Yes | No | Don't know

E36: *[If E35 is "Yes":]* Which pest or disease?
- Brown spot | Bacterial blight | Bacterial leaf streak | Sheath blight | Blast (leaf and collar) | Blast (neck) | Sheath rot | Tungro | Ufra | Fungus | Rice stem borer | Brown plant hopper | Grasshopper | Yellow stem borer | Hispa | Other | Don't know

E37: *[If E36 is "Other":]* Which pest or disease?

E38: What is the payment you received per maund of the yield for *[SEED]*?
Instructions: Please enter 99 if the respondent says he does not know.

E39: How many days does it take between sowing and harvest of *[SEED]*? Please give your best estimate.
Instructions: Please enter 99 if the respondent says he does not know.

E40: What is the average yield of *[SEED]* in maund per decimale?
Instructions: Please enter 99 if the respondent says he does not know.

E41: I am now going to ask you some more questions about the survey plot. As a reminder, this is the plot that we asked you a lot of questions about in the fall that is *[PLOT SIZE]* decimales big.

E42: How many minutes walk is it from this plot to your house?

E43: *[Questions E43 through E89 are asked if based on the plot loop responses, the farmer did harvest boro on the survey plot:]* Why did you not grow rice on this plot during the Boro season?
- Too Salty | Other crop more profitable | Fishing more profitable | Land too expensive | Won't have access to land | Migration | Other | Don't know

E44: *[If E43 is "Other":]* Specify

E45: What did you do with this plot instead?
- Cultivate fish | Cultivate a different crop | Let the land sit | Other

E46: *[If E45 is "Other":]* Specify

E47: Is there anyone else other than you from your household who worked on this plot during the past Boro season?
- Yes | No

E48: *[If E47 is "Yes":]* Who?

E49: What was your source of water for this plot during the Boro season?
- Rainfed | River | Canal | Pond | Hoar or Beel | Canal irrigation | Groundwater | Tidal water | Other

E50: *[If E49 is "Other":]* Specify

E51: What was your irrigation method on this plot during the Boro season?
- Rainfed | Swing basket | Don | Dugwell | Hand tubewell | Treadle pump | Rower pump | Shallow tubewell | Deep tubewell | Low lift pump | Canal irrigation | Axial flow pump | Borewell | Other

E52: *[If E51 is "Other":]* Specify

E53: Was there any problem with the water that you used on this plot this season?
- Yes | No | Don't Know

E54: *[If E53 is "Yes":]* What were the issues?

Instructions: Do not read out choices, but mark any that the respondent says.
- Lack of rainfall | Lack of water in river | Lack of water in dam | Fall in groundwater level | Water too saline | More arsenic in groundwater | Electric failure | Lack of diesel | Dispute with irrigation organization | Irrigation machine disfunction | Other

E55: *[If E54 is "Other":]* Specify

E56: Was there a pest or disease that attacked the crops on this plot during this past Boro season?
- Yes | No | Don't Know

E57: *[If E56 is "Yes":]* Which pest or disease? Please list all.
- *[Options are same as E36]*

E58: *[If E57 is "Other":]* Specify.

Please separate each different pest with a comma ",".

E59: When did you **plant** on this plot? Please tell me the month.
- April to May | May to June | June to July | July to August | August to September | September to October | October to November | November to December | December to January | January to February | February to March | March to April | Don't Know

E60: *[If E59 does not equal "Don't Know":]* Thank you. Which week of *[E59]* did you plant on this plot?
- First week | Second week | Third week | Fourth week | Don't know

E61: When did you **harvest** from this plot? Please tell me the month.
- April to May | May to June | June to July | July to August | August to September | September to October | October to November | November to December | December to January | January to February | February to March | March to April | Could not harvest at all | Don't Know

E62: *[If E61 does not equal "Don't Know":]* Which week of *[E61]* did you harvest from this plot?
- First week | Second week | Third week | Fourth week | Don't know

E63: Was the yield you got this year less than, more than, or equal to what you expected you would get?
- More | Less | Same | Don't know

E64: *[If E63 is "More" or "Less":]* Why was the yield you got from the land different than you expected?
- Salinity was worse than I thought | Pest/disease was worse than I thought | Not enough rain | Issue with the water | Too much rain | Flood | Not enough fertilizer | Salinity was better than I thought | Rain was better than I thought | Pest/disease was better than I thought | Seed was worse than I thought | Other

E65: *[If E64 is "Other":]* Specify

E66: Do you think the soil on this plot was salty this past season?
- Yes | No | Don't Know

E67: Did you spray sugar water on this plot this past season?
- Yes | No | Don't Know

E68: In *[MONTH OF THE BASELINE SURVEY]*, we asked you how much salt you expected to be on your soil this season. Was the amount of salt higher than you expected, lower than you expected, or the same as what you expected?
- Higher | Lower | Same | Don't know

E69: Have there been any events that have affected the salinity of the soil in this plot this past season?
- Yes | No | Don't Know

E70: *[If E69 is "Yes":]* Please click "add group" when it appears on the next screen.

E71: *[If E69 is "No" but E70 was clicked "Yes":]* It seems like this group was added by accident. Would you like to skip these questions?
- Yes | No

[If E71 is "Yes", then survey skips to E77]

E72: *[If E69 is "Yes" and E71 is not "Yes":]* Collect information about one event at a time. What was the event in this plot? Please tell me about one event at a time in detail.
Instructions: Do not read out choices, but mark any that the respondent says.
- Fish pond nearby | Fish pond on this plot | Flood with salt water | Flood with freshwater | Flood with unspecified water | Rain at unexpected time | Not enough rain | Too much rain | Pest | Change in water quality | Other crop on this plot | Other

E73: *[If E72 is "Other":]* Specify

E74: *[If E69 is "Yes" and E71 is not "Yes":]* As a result of that incident, the amount of salt in the soil on this plot increased or decreased?
- Salinity increased | Salinity decreased | Salinity stayed the same | I don't know

E75: *[If E69 is "Yes" and E71 is not "Yes":]* Has there been another event that affected the salinity of the soil in this plot?
- Yes | No

E76: *[If E75 is "Yes":]* Please click "add group" when it appears on the next screen.

E77: *[If E75 is "No":]* Please click "Do not add group" when it appears on the next screen.

E78: *[If E75 is "Yes" but "Add Group" was not clicked:]* Error: You did not add a group. Please go back.

E79: Have you done anything to change the salinity of the soil on this plot during the past season?
- Yes | No | Don't know

E80: *[If E79 is "Yes":]* Please click "add group" when it appears on the next screen.

E81: *[If E79 is "No" but "add group" was clicked:]* It seems like this group was added by accident. Would you like to skip these questions?
- Yes | No

[If E81 is "Yes", then survey skips to E87]

E82: *[If E79 is "Yes" and E81 is not "Yes":]* Collect information about one event at a time. What did you do to change the salinity on this plot?
Instructions: Do not read out choices, but mark any that the respondent says.
- Change seed | Spray sugar | Add gypsum | Add fertilizer | Change water source | Other

E83: *[If E82 is "Other":]* Specify

E84: *[If E79 is "Yes" and E81 is not "Yes":]* Did it increase or decrease the amount of salt on your soil on this plot?

E85: *[If E79 is "Yes" and E81 is not "Yes":]* Have you done anything else to change the salinity of the soil on this plot?

- Yes | No

E86: *[If E85 is "Yes":]* Please click "add group" when it appears on the next screen.

E87: *[If E85 is "No":]* Please click "Do not add group" when it appears on the next screen.

E88: *[If E85 is "Yes" but "add group" was not clicked:]* Error: you did not add a group. Please go back.

E89: Did you plant saline tolerant seed varieties on this plot this past season?
- Yes | No | Don't know

E90: How do you learn about the amount of salt in the soil of your plots?
- *[Audio recording]*

E91: What do you find hard about figuring out how much salt is in your soil? What do you find easy about figuring out how much salt is in your soil?
- *[Audio recording]*

E92: What are things that can change the amount of salt in your soil?
- *[Audio recording]*

E93: Are some of these things easy to notice? Are some hard to notice? Why?
- *[Audio recording]*

E94: What signs do you use to figure out the amount of salt in the soil?

Instructions: Do not read out possible answers to respondents.
- Look for white powder on the ground | Taste the soil | Taste the water | Red patches on the leaves | White patches on the leaves | Brown patches on the leaves | Brown leaves | Small plants/stunted height | Plant death | Use sensor | Ask SAAO/dealer | Ask friends/family members/neighbors | Other | Don't use any signs

E95: *[If E94 is "Other"]* Specify

E96: If you had too much salt in your soil, how do you think that would impact what your rice plants look like?
- Red patches on the leaves | White patches on the leaves | Brown patches on the leaves | Brown leaves | Small plants/stunted height | Plant death | Other | It wouldn't impact how the plant looked | Don't know

E97: *[If E96 is "Other":]* Specify

E98: Is there anything else that is not salinity but would cause your plants to look the same way?
- Not enough water | Too much water | Not enough fertilizer | Too much fertilizer | Salinity | Pest/lack of pesticide (farmer does not specify) | Brown spot | Bacterial blight | Bacterial leaf streak | Sheath blight | Blast (leaf and collar) | Blast (neck) | Sheath rot | Tungro | Ufra | Fungus | Rice stem borer | Brown plant hopper | Grasshopper | Yellow stem borer | Hispa | Other | Nothing | Don't know

E99: *[If E98 is "Other":]* Specify

E100: Does the government recommend that farmers in your area plant saline tolerant seeds during the Boro season?
- Yes | No | Don't know

E101: Does the amount of salt in the soil change throughout the year?
- Yes | No | Don't Know

E102: *[If E101 is "Yes":]* What month is the amount of salt in the soil the highest?
- April to May | May to June | June to July | July to August | August to September | September to October | October to November | November to December | December to January | January to February | February to March | March to April | Don't Know

E103: What month is the amount of salt in the soil the lowest?

- April to May | May to June | June to July | July to August | August to September | September to October | October to November | November to December | December to January | January to February | February to March | March to April | Don't Know

E104: Now, think about a scenario where the amount of salt in the soil of your land is very high. What would you do in response to this?
- Change occupation | Change seeds | Change irrigation | Change fertilizer | Change crops | Change to aquaculture | Temporary migration | Permanent migration | Do nothing different | Other | Don't know

E105: *[If E104 is "Other":]* Specify

E106: How similar do you think the salinity levels in your plot are to the average salinity level in your village?
- Extremely similar | Very similar | Somewhat similar | A little similar | Not similar at all | Don't know

E107: How similar do you think the salinity levels in your plot are to the average salinity level in your upazila?
- Extremely similar | Very similar | Somewhat similar | A little similar | Not similar at all | Don't know

E108: *Instructions: Turn to the bad shock picture. Get out ten buttons.*
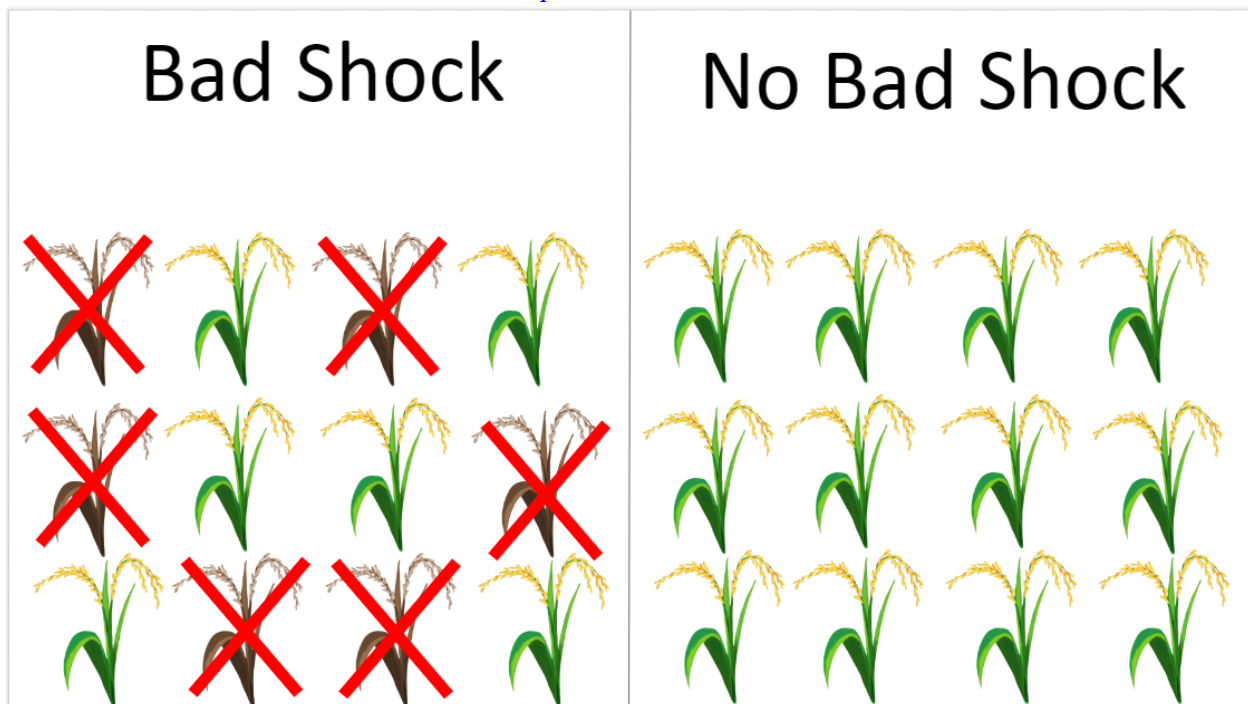
E109: I'm now going to ask you a similar question using this picture. Imagine that the salt level in your soil was high enough that it harmed your crops.
Tell me using these buttons, how likely do you think it is that other people in your village would also have problems with salinity?
Put more buttons on the bad crop image if you think more of your neighbors in your village would have salinity problems. In other words, how many of the 10 people in your village do you think would also have salinity issues if you did?
- Number of buttons on bad shock | Number of buttons on no shock

E110: *[Shown on same page as E109:] Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

E111: *[If the answers to 109 do not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

E112: Now, I'm going to ask the same question, but thinking about farmers in your upazila. Imagine that the salt level in your soil was high enough that it harmed your crops.

Tell me using these buttons, how likely do you think it is that other people in your upazila would also have problems with salinity?

Put more buttons on the bad crop image if you think more farmers in your upazila would have salinity problems. In other words, how many of the 10 people in your upazila do you think would also have salinity issues if you did?

- *Number of buttons on bad shock | Number of buttons on no shock*

E113: *[Shown on same page as E112:] Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

E114: *[If the answers to E112 do not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

E115: *[If E1 is greater than 0:]* I now want to know about your other expenses related to your plots for the Boro season this year. You should answer about how much you expect to have paid once all of your harvesting is complete.

E116: Do you own or rent the land that you cultivated this season?

Please check all that apply.

- I own the land | Other family member owns the land | I rent the land | I own some land and rent some land | Other

E117: *[If E116 is selected as "I rent the land" or "I own some land and rent some land":]* How did you cover the cost of renting the land?

- Cash | Cash and Cropshare | Cropshare | Other | Don't have to pay | Refuse to answer | Don't know

E118: *[If E117 is "Cash" or "Cash and Cropshare":]* How much money did you spend on renting the land this year?

Instructions: Please enter 99 if the respondent says he does not know.

E119: *[If E117 is Cropshare or Cash and Cropshare:]* How much crop did you exchange for rent this season?

Please enter an amount in maund.

E120: Did you hire someone to help you farm this land?

- Yes | No

E121: *[If E120 is "Yes":]* How much did you spend on labor for all of your plots this season?

Instructions: Please enter 99 if the respondent says he does not know.

E122: What do you think was the typical daily wage in your village for working on farms this past season?

Instructions: Please enter 99 if the respondent says he does not know.

E123: How many people in your household worked on this land without pay during this past season? Please include yourself if you worked without pay.

E124: *[If E123 is at least 1:]* Think about all of the people in your household who worked on this land without pay during this past season. On average, how many days per week do you think each of these people worked this past season without pay?
Instructions: Please enter 99 if the respondent says he does not know.
E125: Did you purchase fertilizer this season?
- Yes | No | Don't know
E126: *[If E125 is "Yes":]* What kinds of fertilizer did you purchase?
- Urea | TSP | DAP | MOP | Zinc | Ammonia | Gypsum | NPKS | Calcium | Lime | Manure | Compost | Other | Don't know
E127: *[If E126 is "Other":]* Specify other fertilizer
E128: *[If E125 is "Yes":]* How much did you spend on fertilizers this season?
Instructions: Please enter 99 if the respondent says he does not know.
E129: *[If E125 is "Yes":]* Which of these fertilizers, if any, do you think are good for addressing salinity?
- Urea | TSP | DAP | MOP | Zinc | Ammonia | Gypsum | NPKS | Calcium | Lime | Manure | Compost | Other | Don't know
E130: *[If E129 is "Other":]* Specify other fertilizer
E131: Did you purchase pesticides this season?
- Yes | No | Don't know
E132: *[If E131 is "Yes":]* How much did pesticides cost you this season?
Instructions: Please enter 99 if the respondent says he does not know.
E133: Did you use any machinery this season that is not related to irrigation?
- Yes | No | Don't know
E134: *[If E133 is "Yes":]* How much did you spend on that machine this season? Please include how much you spent on renting it, electricity, or if you bought it new this season, the amount you spent to buy it.
Instructions: Please enter 99 if the respondent says he does not know.
E135: Did you spray sugar water on your plots this past season?
- Yes | No
E136: *[If E135 is "Yes":]* How much did you spend on sugar water this season?
Instructions: Please enter 99 if the respondent says he does not know.
E137: Did you purchase any other vitamins or anything else this season?
- Yes | No | Don't know
E138: *[If E137 is "Yes":]* How much did all of these things cost you?
Instructions: Please enter 99 if the respondent says he does not know.
E139: In the boro season cultivation, do you change the amount of fertilizer, vitamins, or water you use depending on what seed you plant?
- Yes | No | Don't know
E140: How did you cover the cost of irrigation?
- Cash | Cash and Cropshare | Cropshare | Other | Don't have to pay | Refuse to answer | Don't know
E141: *[If E140 is "Cash" or "Cash and Cropshare":]* How much money did you spend on irrigation this year?
Instructions: Please enter 99 if the respondent says he does not know.
E142: *[If E140 is "Cropshare" or "Cash and Cropshare":]* How much crop did you exchange for irrigation this season?

E143: *[If E140 is "Cropshare" or "Cash and Cropshare":]* Unit
- Maund | Kg

E144: *[If E1 is greater than 0:]* How much in total did you receive from selling the rice that you planted this boro season?

E145: What other sources of income did this household receive during the Boro season? Please select all that apply.
- Other employment | Migrant remittances | Other crops (non Boro) | Other | None

E146: *[If E145 is selected as "Other employment":]* Specify other types of employment.
- Wage Labor | Salaried worker | Self-employment | Trader | Non-earning occupation | Livestock Poultry related work/occupation | Farming | Other

E147: *[If E146 is "Other":]* Specify
- Agricultural day labor | Earth work (govt program) | Earth work (other) | Sweeper | Scavenger | Tea garden worker | Construction labor | Factory worker | Transport worker (bus/truck helper) | Apprentice | Other wage labor (specify) | Government/ parastatal | Service (private sector) | NGO worker | House maid | Teacher (GoB-Primary school) | Teacher(Non GoB Primary school) | Teacher (GoB High school) | Teacher (Non-GoB High school) | Teacher (college,university) | Other salaried worker(specify) | Rickshaw/van pulling | Driver of motor vehicle | Tailor/seamstress | Blacksmith | Potter | Cobbler | Hair cutter | Clothes washer | Porter | Goldsmith/silversmith | Repairman (appliances) | Mechanic (vehicles) | Plumber | Electrician | Carpenter | Mason | Doctor | Rural physician | Midwife | Herbal doctor/Kabiraj | Engineer | Lawyer/deed writer/Moktar | Religious leader (Imam/Muazzem/Khadem/Purohit) | Lodging master | Private tutor/house tutor | Beggar | Small trader (roadside stand or stall) | Medium trader (shop or small store) | Large trader (large shop or wholesale) | Fish Trader | Contractor | Production | Food Processing | Small industry | Handicrafts | Milk collector | Livestock Vet medicine seller | Livestock Feed supplier | Commercially feed producer | Animal Breeder | Veterinary/paravet doctor | Working own farm (crop) | Sharecropper/tenant | Homestead farming | Fisherman (using non owned/not leased water body) | Raising fish / fish pond | Raising poultry | Raising livestock | Dairy production/ dairy farming | Other self employed (specify) | Student | Housewife | Retired | Child(age <12 no study/ work) | Physically/mentally challenged | Jobless | Other

E148: *[If E147 is "Other":]* Please enter name of job if not found in list

E149: *[If E145 is "Other":]* Specify other source of income

E150: *[If E145 is selected as "Other crops":]* Specify other crops

E151: *[If E145 does not equal "None":]* How much did you earn from all of these other sources during the Boro season?

Instructions: Please enter 99 if the respondent says he does not know.

E152: What was your total household earnings in the past 12 months?

Instructions: Please enter 99 if the respondent says he does not know.

Section F: Willingness to Pay and Salinity Beliefs

F1: As a thank you for your time in this survey, I'm going to give you 500 Tk.

F2: *Instruction: Hand the respondent 500 Tk.*

F3: I must report to my supervisor with proof that you actually received the money. Could I please take a photo of you holding the money? Your face does not need to be in the picture.
   - Yes | No

F4: Photograph

F5: I would like to give you the opportunity to purchase some products.

You can use the money I gave you to purchase these products. It may be a little more complicated than the process you are usually used to.

I will explain the whole process to you. If you have any questions about anything you can ask me, and I will try to explain to you as best I can.

F6: Today you will be given the opportunity to buy three things. I will describe each item in detail to you.

To show you how the process works, we will practice with this pen. This is just for practice. If you have any questions about anything you can let me know. I will try my best to answer your questions.

F7: I am going to say a price and ask whether you would like to buy this pen. I will start at a price of 10 Taka. You should say whether or not you would like the pen for 10 Taka.

If you say yes, then I will ask you again at a slightly higher price. I will keep asking until you say you would not want to buy the pen.

F8: Then, the tablet is going to tell us the price of the pen. I do not know this price yet. This price is going to be random. If you said that you would buy the pen for that price, then you will have to buy it. If you said you would not buy the pen for that price, then you will not buy it. You cannot change your mind after the price is shown.

F9: Keep in mind, I am not asking you to guess what the price might be if you go out and buy it somewhere. Instead, I would like to know the maximum amount you are willing to pay to purchase this pen.

The answers that you give might be different from someone else's because you might care about the pen more or less.

F10: Please remember, you will get the most if you honestly answer each question. For example, imagine you are willing to pay 20 taka for this pen, but when I ask you if you are, you say no. Then, if the tablet shows a price of 20, in that case even if you are willing to pay for it, you won't be able to buy it.

Also keep in mind that it is not good to say you would be willing to buy it if you aren't. If you are not willing to buy the pen for 30 taka, but you say you are, then if the tablet shows a price of 30, you will still have to buy the pen.

After the tablet shows you the price of the item, you cannot change your mind. That's why you should think very carefully before answering each question.

F11: Let's practice with this pen. Would you be willing to buy this pen for 10 Taka?
   - Yes | No

F12: *[If F11 is "No":]* Would you be willing to take this pen for 0 Taka? It would be free.
   - Yes | No

F13: *[If F11 is "Yes":]* Would you be willing to buy this pen for 20 Taka?
   - Yes | No

F14: *[If F13 is "Yes":]* Would you be willing to buy this pen for 30 Taka?

- Yes | No

F15: *[If F14 is "Yes":]* Would you be willing to buy this pen for 40 Taka?
- Yes | No

F16: *[If F15 is "Yes":]* Would you be willing to buy this pen for 50 Taka?
- Yes | No

F17: *[If F16 is "Yes":]* Would you be willing to buy this pen for 60 Taka?
- Yes | No

F18: *[If F17 is "Yes":]* Would you be willing to buy this pen for 70 Taka?
- Yes | No

F19: *[If F18 is "Yes":]* Would you be willing to buy this pen for 80 Taka?
- Yes | No

F20: *[If F19 is "Yes":]* Would you be willing to buy this pen for 90 Taka?
- Yes | No

F21: *[If F20 is "Yes":]* Would you be willing to buy this pen for 100 Taka?
- Yes | No

F22: *[If F12 is "No":]* Just to make sure, you said you would not want this pen even if it is free. That means that no matter what price the tablet shows, you will not get this pen.
Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

[Based on the respondents' answers to the above question, their willingness to pay for a pen is calculated and denoted by WTP Pen below.]

F23: Just to make sure, you said you would buy this pen for *[WTP Pen]* Taka, but no higher. That means that if the tablet shows a price that is higher than *[WTP Pen]* Taka, then you cannot buy the pen. If it shows any price that is *[WTP Pen]* Taka or lower, then you will have to buy the pen for the price shown on the tablet. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

F24: Now the tablet is going to show us the random price. *[Random price shown, denoted by PEN PRICE below.]*

F25: *[If PEN PRICE is greater than WTP Pen] [PEN PRICE]* Taka
Because this price is bigger than what you said you would be willing to pay, you would not buy the pen.

F26: *[If PEN PRICE is less than or equal to WTP Pen] [PEN PRICE]* Taka
Before, you said you would be willing to buy the pen for any price up to *[WTP Pen]*. This tablet shows a price of *[PEN PRICE]* Taka, so you have to buy it for *[PEN PRICE]* taka.

This is a practice question, so you don't have to buy the pen now for *[PEN PRICE]* taka. But if the price shown on the tab during the main questions is less than the price you asked, then you have to buy the item. You can no longer say "I won't buy".

F27: Do you have any questions about this process?

Instructions: If the respondent says yes, answer their questions. If they say no, then move on.

F28: Now we have done the practice, we will move on to the real items. The way you will buy them is exactly the same as with the pen. Today you will be given the opportunity to buy three things.

I will describe each item to you. If you have any questions, I will try my best to answer them. We will start with this plate.

F29: Just like with the pen, I am going to say a price and ask whether you would like to buy this plate. I will start at a price of 10 Taka. You should say whether or not you would like the plate for 10 Taka.

If you say yes, then I will ask you again at a slightly higher price. I will keep asking until you say you would not want to buy the item.

F30: As a reminder, if the tablet price is lower than a price that you say you would buy the item, then you will have to buy it.

F31: Would you be willing to buy the plate for 10 taka?
- Yes | No

F32: *[If F31 is "No":]* Would you be willing to take the plate for 0 taka? That means you would get it for free.
- Yes | No

F33: *[If F31 is "Yes":]* Would you be willing to buy the plate for 20 taka?
- Yes | No

F34: *[If F33 is "Yes":]* Would you be willing to buy the plate for 30 taka?
- Yes | No

F35: *[If F34 is "Yes":]* Would you be willing to buy the plate for 40 taka?
- Yes | No

F36: *[If F35 is "Yes":]* Would you be willing to buy the plate for 50 taka?
- Yes | No

F37: *[If F36 is "Yes":]* Would you be willing to buy the plate for 60 taka?
- Yes | No

F38: *[If F37 is "Yes":]* Would you be willing to buy the plate for 70 taka?
- Yes | No

F39: *[If F38 is "Yes"]* Would you be willing to buy the plate for 80 taka?
- Yes | No

F40: *[If F39 is "Yes":]* Would you be willing to buy the plate for 90 taka?
- Yes | No

F41: *[If F40 is "Yes":]* Would you be willing to buy the plate for 100 taka?
- Yes | No

F42: *[If F41 is "Yes":]* Would you be willing to buy the plate for 110 taka?
- Yes | No

F43: *[If F42 is "Yes":]* Would you be willing to buy the plate for 120 taka?
- Yes | No

F44: *[If F43 is "Yes":]* Would you be willing to buy the plate for 130 taka?
- Yes | No

F45: *[If F44 is "Yes":]* Would you be willing to buy the plate for 140 taka?
- Yes | No

F46: *[If F45 is "Yes":]* Would you be willing to buy the plate for 150 taka?
- Yes | No

F47: *[If F46 is "Yes":]* Would you be willing to buy the plate for 160 taka?
- Yes | No

F48: *[If F47 is "Yes":]* Would you be willing to buy the plate for 170 taka?
- Yes | No

F49: *[If F48 is "Yes":]* Would you be willing to buy the plate for 180 taka?

- Yes | No

F50: *[If F49 is "Yes":]* Would you be willing to buy the plate for 190 taka?
- Yes | No

F51: *[If F50 is "Yes":]* Would you be willing to buy the plate for 200 taka?
- Yes | No

F52: *[If F32 is "No":]* Just to make sure, you said you would not want this plate even if it is free. That means that no matter what price the tablet shows, you will not get this plate. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

[Based on the respondents' answers to the above question, their willingness to pay for a plate is calculated and denoted by WTP Plate below.]

F53: Just to make sure, you said you would buy this plate for *[WTP Plate]* Taka, but no higher. That means that if the tablet shows a price that is higher than *[WTP Plate]* Taka, then you cannot buy the plate. If it shows any price *[WTP Plate]* Taka or lower, then you will have to buy the plate for the price shown on the tablet. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

F54: Now the tablet is going to show us the random price. *[Random price shown, denoted by PLATE PRICE below.]*

F55: *[If PLATE PRICE is bigger than WTP Plate] [PLATE PRICE] Taka*
Because this price is bigger than what you said you will be willing to pay, you will not buy the plate.

F56: *[If PLATE PRICE is less than or equal to WTP Plate] [PLATE PRICE] Taka*
Before, you said you would be willing to buy the plate for any price up to *WTP Plate*. This tablet shows a price of *[PLATE PRICE]* Taka, so you have to buy it for *[PLATE PRICE]*.

F57: *Instruction: Please collect [PLATE PRICE] Taka from the respondent and give them the plate.*

F58: Over the course of the past season, we measured soil salinity on the plots of farmers like you. Now, you will have the chance to buy this salinity information, just like the plate. The price might be free. The information will tell you how much salt is in the soil, both using numbers and these pictures. It will also tell you whether the amount of salt in the soil is above or below the level where the government recommends that farmers plant saline-tolerant varieties.

F59: *[For those in the Upazila Only Treatment Arm:]* If you buy the information--and the price could be free--then the tablet will tell you the average soil salinity level for all farmers in the same **upazila** as you based on measurements we took from their soil.

F60: *[For those in the Own Info plus Upazila Treatment Arm:]* If you buy the information--and the price could be free--then the tablet will tell you two pieces of information.
First, it will tell you the soil salinity level for your own plot based on the measurements we took from your soil.
Second, it will tell you the average soil salinity level for all farmers in the same **upazila** as you based on measurements we took from their soil.

F61: Do you have any questions about the information that you might receive?

F62: How helpful do you think this information would be?
- Extremely helpful | Very helpful | Somewhat helpful | A little helpful | Not helpful at all | Don't know

F63: I am going to say a price and ask whether you would like to buy this soil salinity information. I will start at a price of 10 Taka. You should say whether or not you would like the soil salinity information for 10 Taka.
If you say yes, then I will ask you again at a slightly higher price. I will keep asking until you say you would not want to buy the soil salinity information.
F64: As a reminder, if the tablet price is lower than the price that you say you would buy the soil salinity information, then you will have to buy it.
F65: Would you be willing to buy the soil salinity information for 10 taka?
- Yes | No
F66: *[If F65 is "No":]* Would you be willing to take the soil salinity information for 0 taka? That means you would get it for free.
- Yes | No
F67: *[If F65 is "Yes":]* Would you be willing to buy the soil salinity information for 20 taka?
- Yes | No
F68: *[If F67 is "Yes":]* Would you be willing to buy the soil salinity information for 30 taka?
- Yes | No
F69: *[If F68 is "Yes":]* Would you be willing to buy the soil salinity information for 40 taka?
- Yes | No
F70: *[If F69 is "Yes":]* Would you be willing to buy the soil salinity information for 50 taka?
- Yes | No
F71: *[If F70 is "Yes":]* Would you be willing to buy the soil salinity information for 60 taka?
- Yes | No
F72: *[If F71 is "Yes":]* Would you be willing to buy the soil salinity information for 70 taka?
- Yes | No
F73: *[If F72 is "Yes":]* Would you be willing to buy the soil salinity information for 80 taka?
- Yes | No
F74: *[If F73 is "Yes":]* Would you be willing to buy the soil salinity information for 90 taka?
- Yes | No
F75: *[If F74 is "Yes":]* Would you be willing to buy the soil salinity information for 100 taka?
- Yes | No
F76: *[If F75 is "Yes":]* Would you be willing to buy the soil salinity information for 110 taka?
- Yes | No
F77: *[If F76 is "Yes":]* Would you be willing to buy the soil salinity information for 120 taka?
- Yes | No
F78: *[If F77 is "Yes":]* Would you be willing to buy the soil salinity information for 130 taka?
- Yes | No
F79: *[If F78 is "Yes":]* Would you be willing to buy the soil salinity information for 140 taka?
- Yes | No
F80: *[If F79 is "Yes":]* Would you be willing to buy the soil salinity information for 150 taka?
- Yes | No
F81: *[If F80 is "Yes":]* Would you be willing to buy the soil salinity information for 160 taka?
- Yes | No
F82: *[If F81 is "Yes":]* Would you be willing to buy the soil salinity information for 170 taka?
- Yes | No
F83: *[If F82 is "Yes":]* Would you be willing to buy the soil salinity information for 180 taka?
- Yes | No

F84: *[If F83 is "Yes":]* Would you be willing to buy the soil salinity information for 190 taka?
-    Yes | No

F85: *[If F84 is "Yes":]* Would you be willing to buy the soil salinity information for 200 taka?
-    Yes | No

F86: *[If F85 is "Yes":]* What is the most you would be willing to spend to buy the soil salinity information?

F87: Just to make sure, you said you would buy this soil salinity information for *[WTP SALINITY]* Taka, but no higher. That means that if the tablet shows a price that is higher than *[WTP SALINITY]* Taka, then you cannot buy the soil salinity information.

If it shows any price *[WTP SALINITY]* Taka or lower, then you will have to buy the soil salinity information for the price shown on the tablet. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

F88: Now the tablet is going to show us the random price. *[Random price shown, denoted by SALINITY PRICE below.]*

F89: *[If SALINITY PRICE is higher than WTP SALINITY]* *[SALINITY PRICE]* Taka
Because this price is bigger than what you said you will be willing to pay, you will not buy the salinity soil information.

F90: *[If SALINITY PRICE is equal to or lower than WTP SALINITY]* *[SALINITY PRICE]* Taka
Before, you said you would be willing to buy the salinity soil information for any price up to *[WTP SALINITY]*. This tablet shows a price of *[SALINITY PRICE]* Taka, so you have to buy it for *[SALINITY PRICE]*.

F91: *[If SALINITY PRICE is zero]* *[SALINITY PRICE]* Taka
The price is zero, so I will give you the information for free.

F92: *[If PRICE is equal or lower than WTP and bigger than 0:]* *Instruction: Please collect [SALINITY PRICE] Taka from the respondent.*

F93: *[If SALINITY PRICE is equal to or lower than WTP SALINITY:]* *Instructions: show rice height picture.*
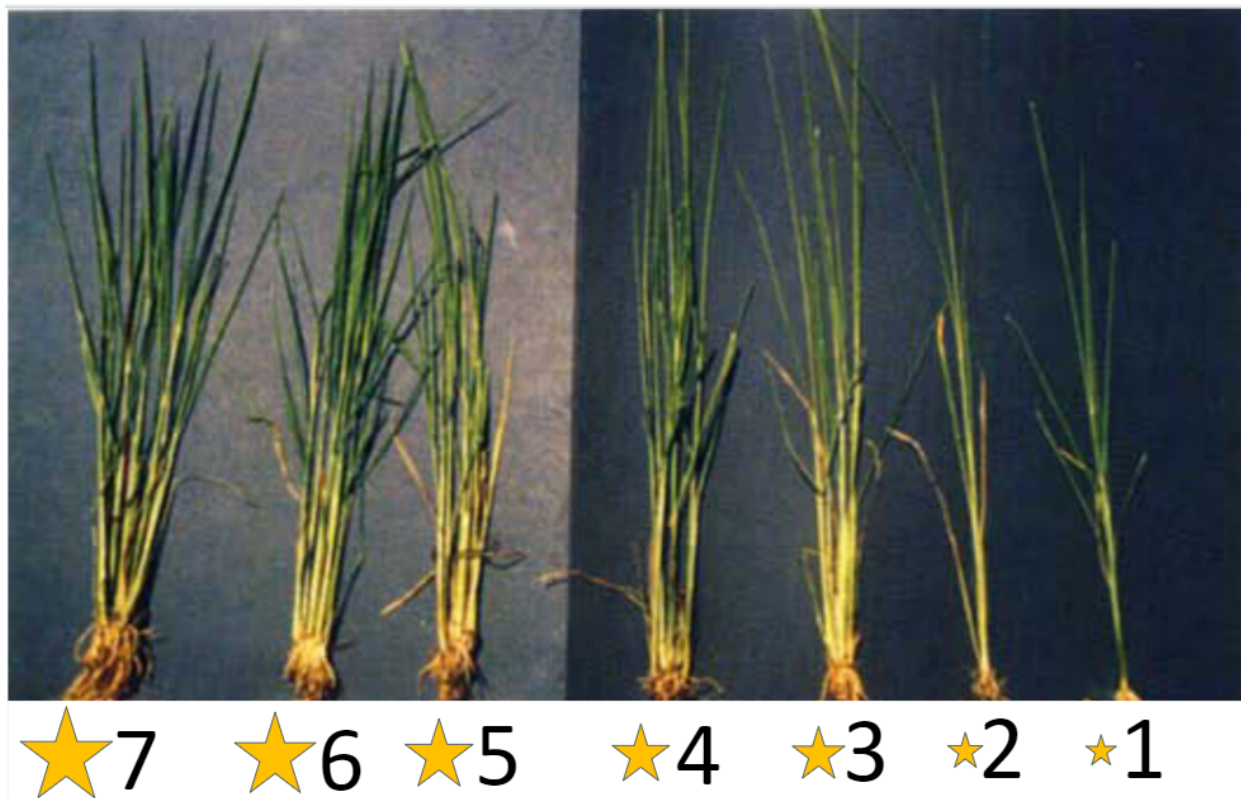
F94: I will use this photo to help explain the information.

This image shows pictures of rice plants at the end of the season, once they are fully grown. They are arranged from the best growing to the worst growing. The smallest ones grew the worst. The biggest plants grew the best. Plant number 1 is the least healthy, and plant number 7 is the most healthy.

This comes from research on the impact of soil salinity on rice plants. This shows what happens when the amount of salt in the soil goes up and the variety is not saline tolerant. Plant number 1 is a non-saline tolerant seed grown in soil with very high salt. Plant number 7 is a non-saline tolerant seed grown in soil with very low salt.

Do you have any questions about this image?
- Yes | No

F95: *[If SALINITY PRICE is equal to or lower than WTP SALINITY and farmer in Upazila only treatment arm:]* In your **upazila**, the average soil salinity level this season was *[UPAZILA AVERAGE]*. In soil with that much salt, plants grow to be between plant number *[NUMBER]* and plant number *[NUMBER]* in this picture.

Instruction: point to relevant plants on picture.

The government recommends that farmers plant saline-tolerant varieties when the soil salinity is above 4.5. In soil with a salt level of 4.5, plants grow to be between plant number 5 and plant number 6 in this picture.

Instruction: point to relevant plants on picture.

These numbers are based off of the measurements we took this past season. The amount of salt in the soil can change, so it may be different next year.

F96: *[If SALINITY PRICE is equal to or lower than WTP SALINITY and farmer in Own info plus Upazila info treatment arm:]* In your **upazila**, the average soil salinity level this season was

[UPAZILA AVERAGE]. In soil with that much salt, plants grow to be between plant number *[NUMBER]* and plant number *[NUMBER]* in this picture.

Instruction: point to relevant plants on picture.

In your plot, the average soil salinity level this season was *[OWN AVERAGE]*. In soil with that much salt, plants grow to be between plant number *[NUMBER]* and plant number *[NUMBER]* in this picture.

Instruction: point to relevant plants on picture.

The government recommends that farmers plant saline-tolerant varieties when the soil salinity is above 4.5. In soil with a salt level of 4.5, plants grow to be between plant number 5 and plant number 6 in this picture.

Instruction: point to relevant plants on picture.

These numbers are based off of the measurements we took this past season. The amount of salt in the soil can change, so it may be different next year.

F97: Are you worried or not worried about salinity on your plots? Why or why not?
- *[Audio recording]*

F98: How worried are you about salinity on your plots?

Instructions: Read out options.
- Extremely worried | Very worried | Somewhat worried | A little worried | Not worried at all | Don't know

F99: *[A random half of respondents are asked F99:]* Think back to the **past 10 years**. Do you think the amount of salt in the soil in the typical plot in your village has increased, decreased, or stayed the same since then?
- Salinity increased | Salinity decreased | Salinity stayed the same | I don't know

F100: Think about the **next 10 years**. Do you think the amount of salt in the soil in the typical plot in your village will increase, decrease, or stay the same from now until then?
- Salinity will increase | Salinity will decrease | Salinity will stay the same | I don't know

F101: *[All respondents not asked F99 are asked F101:]* Think back to the **past 10 years**. Do you think the amount of salt in the soil in the typical plot in your village has increased, decreased, or stayed the same since then?
- Salinity increased | Salinity decreased | Salinity stayed the same | I don't know

F102: *Instructions: show rice height picture.*

    [Same picture as F93]

F103: This image shows pictures of rice plants at the end of the season, once they are fully grown. They are arranged from the best growing to the worst growing. The smallest ones grew the worst. The biggest plants grew the best. Plant number 1 is the least healthy, and plant number 7 is the most healthy.

F104: Please point to the picture that best matches what the rice plants on your plot looked like at the end of the season.
- First plant (far left) | Second plant | Third plant | Fourth plant | Fifth plant | Sixth plant | Seventh plant | Don't know

F105: I would now like to know how you think your own crops will fare on this plot next year. Think about the end of the season. What are your guesses about what your grown plant will look like on this plot? Place the highest number of buttons on the image that best matches your guess. Remember, plant 7 is the healthiest and plant 1 is the least healthy.
- *Count the number of buttons on plant 1 | Count the number of buttons on plant 2 | Count the number of buttons on plant 3 | Count the number of buttons on plant 4 | Count the*

number of buttons on plant 5 | Count the number of buttons on plant 6 | Count the number of buttons on plant 7

F106: *Instructions: Enter 99 if respondent says they do not know.*

F107: *[If the sum of F105 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

F108: This is not a picture of your own plant, it is taken from a previous study. Researchers have grown rice seedlings under different conditions. This rice variety is not specially adapted for saline soils.

Instructions: Point to picture that has the biggest plant.

This picture shows the seed grown in soil with the least amount of salt.

Instructions: Point to picture that has the smallest plant.

This picture shows the seed grown in soil with the most amount of salt.

Instructions: Point to the pictures in the middle.

These pictures show seeds grown in increasing amounts of salt, from largest to smallest.

Do you have any questions about these plants?

F109: *Instructions: show rice height picture.*

[Same picture as F93]

F110: This photo comes from researchers who planted rice that is not saline tolerant in different soils with different amounts of salt. If they used your soil from the plot, which of these pictures do you think would look most like the plant at the end of next year's season? We are asking this question because we are trying to understand how much salt you think will be in your soil next year. You should assume that the researchers copy all aspects of your soil, such as the water and fertilizers you use over the season and the weather on your plot. Please place more buttons on the pictures that you think are more likely.

F111: Now place the buttons according to your guess on the picture and count the number of buttons

- Count the number of buttons on plant 1 | Count the number of buttons on plant 2 | Count the number of buttons on plant 3 | Count the number of buttons on plant 4 | Count the number of buttons on plant 5 | Count the number of buttons on plant 6 | Count the number of buttons on plant 7

F112: *Instructions: Enter 99 if respondent says they do not know.*

F113: *[If the sum of F111 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

F114: How confident are you that your answer to the previous question is correct?

- Very confident | Somewhat confident | A little confident | Not confident at all

F115: Now instead of thinking about your soil next year, answer the same question about the soil on your plot **five years ago**. Imagine that the researchers who planted rice that is not saline tolerant took the soil from this plot five years ago, and copied all aspects of the soil, like the water and fertilizers and weather at that time. Which of these pictures do you think would look most like the plant at the end of the season? Please place more buttons on the pictures that you think are more likely. We are asking this question because we are trying to understand how much salt you think was in your soil five years ago.

F116: Now place the buttons according to your guess on the picture and count the number of buttons

- Count the number of buttons on plant 1 | Count the number of buttons on plant 2 | Count the number of buttons on plant 3 | Count the number of buttons on plant 4 | Count the

number of buttons on plant 5 | Count the number of buttons on plant 6 | Count the number of buttons on plant 7

F117: *Instructions: Enter 99 if respondent says they do not know.*

F118: *[If the sum of F116 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

F119: Now instead of thinking about your soil next year or five years ago, answer the same question about the soil on your plot **five years in the future**. Imagine that the researchers who planted rice that is not saline tolerant took the soil from this plot five years in the future, and copied all aspects of the soil, like the water and fertilizers and weather at that time. Which of these pictures do you think will look most like the plant at the end of the season? Please place more buttons on the pictures that you think are more likely. We are asking this question because we are trying to understand how much salt you think will be in your soil five years from now.

F120: Now place the buttons according to your guess on the picture and count the number of buttons

- Count the number of buttons on plant 1 | Count the number of buttons on plant 2 | Count the number of buttons on plant 3 | Count the number of buttons on plant 4 | Count the number of buttons on plant 5 | Count the number of buttons on plant 6 | Count the number of buttons on plant 7

F121: *Instructions: Enter 99 if respondent says they do not know.*

F122: *[If the sum of F120 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

F123: The last item is a 1 kg packet of BRRI 67, a saline resistant seed for the Boro season. This seed has been designed to grow well even if the soil has a lot of salt in it. If you receive this seed, then you can save it for the next Boro season.

F124: *Show the respondent seed packet.*

F125: I am going to say a price and ask whether you would like to buy this seed packet. I will start at a price of 10 Taka. You should say whether or not you would like the seed packet for 10 Taka.
If you say yes, then I will ask you again at a slightly higher price. I will keep asking until you say you would not want to buy the seed packet.

F126: As a reminder, if the tablet price is lower than the price that you say you would buy the item, then you will have to buy it.

F127: Would you be willing to buy the seed packet for 10 taka?
- Yes | No

F128: *[If F127 is "No":]* Would you be willing to take the seed packet for 0 taka? That means you would get it for free.
- Yes | No

F129: *[If F127 is "Yes":]* Would you be willing to buy the seed packet for 20 taka?
- Yes | No

F130: *[If F129 is "Yes":]* Would you be willing to buy the seed packet for 30 taka?
- Yes | No

F131: *[If F130 is "Yes":]* Would you be willing to buy the seed packet for 40 taka?
- Yes | No

F132: *[If F131 is "Yes":]* Would you be willing to buy the seed packet for 50 taka?
- Yes | No

F133: *[If F132 is "Yes":]* Would you be willing to buy the seed packet for 60 taka?

- Yes | No

F134: *[If F133 is "Yes":]* Would you be willing to buy the seed packet for 70 taka?
- Yes | No

F135: *[If F134 is "Yes":]* Would you be willing to buy the seed packet for 80 taka?
- Yes | No

F136: *[If F135 is "Yes":]* Would you be willing to buy the seed packet for 90 taka?
- Yes | No

F137: *[If F136 is "Yes":]* Would you be willing to buy the seed packet for 100 taka?
- Yes | No

F138: *[If F137 is "Yes":]* Would you be willing to buy the seed packet for 110 taka?
- Yes | No

F139: *[If F138 is "Yes":]* Would you be willing to buy the seed packet for 120 taka?
- Yes | No

F140: *[If F139 is "Yes":]* Would you be willing to buy the seed packet for 130 taka?
- Yes | No

F141: *[If F140 is "Yes":]* Would you be willing to buy the seed packet for 140 taka?
- Yes | No

F142: *[If F141 is "Yes":]* Would you be willing to buy the seed packet for 150 taka?
- Yes | No

F143: *[If F142 is "Yes":]* Would you be willing to buy the seed packet for 160 taka?
- Yes | No

F144: *[If F143 is "Yes":]* Would you be willing to buy the seed packet for 170 taka?
- Yes | No

F145: *[If F144 is "Yes":]* Would you be willing to buy the seed packet for 180 taka?
- Yes | No

F146: *[If F145 is "Yes":]* Would you be willing to buy the seed packet for 190 taka?
- Yes | No

F147: *[If F146 is "Yes":]* Would you be willing to buy the seed packet for 200 taka?
- Yes | No

F148: *[If F147 is "Yes":]* What is the most you would be willing to spend to buy the seed packet?

F149: *[If F128 is "No":]* Just to make sure, you said you would not want this seed packet even if it is free. That means that no matter what price the tablet shows, you will not get this seed packet. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

[The survey then calculates WTP based on the respondents' answers.]

F150: *[If F128 is not "No":]* Just to make sure, you said you would buy this seed packet for *[WTP SEED]* Taka, but no higher. That means that if the tablet shows a price that is higher than *[WTP SEED]* Taka, then you cannot buy the seed packet.

If it shows any price *[WTP SEED]* Taka or lower, then you will have to buy the seed packet for the price shown on the tablet. Is this what you mean?

Instruction: If the respondent says yes, then continue. If they say no, then go back and ask the previous question again.

F151: Now the tablet is going to show us the random price. *[Random price shown, denoted by SEED PRICE below.]*

F152: *[If SEED PRICE is greater than WTP SEED] [SEED PRICE]* Taka

Because this price is bigger than what you said you will be willing to pay, you will not buy the seed packet.

F153: *[If SEED PRICE is equal to or less than WTP SEED] [SEED PRICE]* Taka

Before, you said you would be willing to buy the seed packet for any price up to *[WTP SEED]*. This tablet shows a price of *[SEED PRICE]* Taka, so you have to buy it for *[SEED PRICE]* .

F154: *[If SEED PRICE is equal to or less than WTP SEED] Instruction: Please collect [SEED PRICE] Taka from the respondent and give them the seed packet.*

Section G: Plans for Next Harvest

G1: Do you expect to cultivate boro rice next year?
- Yes | No | Don't know

G2: *[If G1 is "Yes":]* Do you expect to cultivate boro rice on more land, the same amount of land, or less land than you did this year?
- More | Less | Same | Don't know

G3: *[If G2 is "More" or "Less":]* In total, how many decimals do you expect to cultivate boro rice next year?

Instructions: Please enter 99 if the respondent says he does not know.

G4: What other sources of income do you expect this household to receive during the next Boro season? Please select all that apply.
- Other employment | Migrant remittances | Other crops (non Boro) | Other | None

G5: *[If G4 is "Other employment":]* Specify other types of employment.
- Wage Labor | Salaried worker | Self-employment | Trader | Non-earning occupation | Livestock Poultry related work/occupation | Farming | Other

G6: *[If G5 is Other:]* Specify *[The following occupations only appear for each corresponding category selected from G5, denoted in brackets below.]*
- *[Wage labor:]* Agricultural day labor | Earth work (govt program) | Earth work (other) | Sweeper | Scavenger | Tea garden worker | Construction labor | Factory worker | Transport worker (bus/truck helper) | Apprentice | Other wage labor (specify)
- *[Salaried worker:]* Government/ parastatal | Service (private sector) | NGO worker | House maid | Teacher (GoB-Primary school) | Teacher(Non GoB Primary school) | Teacher (GoB High school) | Teacher (Non-GoB High school) | Teacher (college,university) | Other salaried worker(specify)
- *[Self-Employment:]* Rickshaw/van pulling | Driver of motor vehicle | Tailor/seamstress | Blacksmith | Potter | Cobbler | Hair cutter | Clothes washer | Porter | Goldsmith/silversmith | Repairman (appliances) | Mechanic (vehicles) | Plumber | Electrician | Carpenter | Mason | Doctor | Rural physician | Midwife | Herbal doctor/Kabiraj | Engineer | Lawyer/deed writer/Moktar | Religious leader (Imam/Muazzem/Khadem/Purohit) | Lodging master | Private tutor/house tutor | Beggar
- *[Trader:]* Small trader (roadside stand or stall) | Medium trader (shop or small store) | Large trader (large shop or wholesale) | Fish Trader | Contractor | Production | Food Processing | Small industry | Handicrafts
- *[Non-Earning Occupation:]* Student | Housewife | Retired | Child(age <12 no study/ work) | Physically/mentally challenged | Jobless | Other
- *[Livestock:]* Milk collector | Livestock Vet medicine seller | Livestock Feed supplier | Commercially feed producer | Animal Breeder | Veterinary/paravet doctor
- *[Farming:]* Working own farm (crop) | Sharecropper/tenant | Homestead farming | Fisherman (using non owned/not leased water body) | Raising fish / fish pond | Raising poultry | Raising livestock | Dairy production/ dairy farming | Other self employed (specify)

G7: *[If G6 is "Other":]* Please enter name of job if not found in list

G8: *[If G5 is "Other":]* Specify other source of income

G9: *[If G4 is "Other crops":]* Specify other crops

G10: *[If G4 does not equal "None":]* How much do you expect to earn from all of these other sources during the next Boro season?

G11: What do you expect your total household earnings to be in the next 12 months?

G12: *[If G1 is "Yes":]* Do you expect to change what seed varieties you plant during the Boro season next year?
  - Yes | No | Don't know

G13: *[If G12 is "Yes":]* What seed varieties do you expect to plant next year?
  - *[Options are same as E14]*

G14: *[If G13 Other is selected:]* Select seeds.
  - *[Options are same as E15]*

G15: *[If G14 Other is selected:]* Specify the name of seeds not found on the list, separating each different name with a comma: ",". For example: "67, 28"

G16: *[If G1 is "Yes":]* Do you expect to plant any saline tolerant seed varieties next year?
  - Yes | No | Don't know

G17: *[If G16 is "No":]* Why do you not expect to plant saline tolerant seeds on this plot next year?
  - Soil not salty enough | Growth too long | Taste isn't good | Not familiar with seed | Doesn't sell for enough money | Other

G18: *[If G17 is "Other":]* Specify

G19: How do you decide what seed to plant?
  - *[Audio recording]*

G20: *[If G1 is "Yes":]* Do you expect to change your irrigation method during the next Boro season?
  - Yes | No

G21: *[If G20 is "Yes":]* What irrigation method do you expect to use next year?
  - *[Options are same as E51]*

G22: *[If G21 is "Other":]* Specify

G23: *[If G1 is "Yes":]* Do you expect to change your source of water during the next Boro season?
  - Yes | No

G24: *[If G23 is "Yes":]* What source do you expect to use next year?
  - *[Options are same as E49]*

G25: *[If G24 is "Other"]* Specify

G26: I'm now going to ask you some more questions about the survey plot. This is the same plot we were discussing earlier, and the same plot that we asked you questions about in [MONTH FROM BASELINE SURVEY].

G27: Is your name or the name of anyone in your household among the names listed on the ownership document for this plot?
  - Yes | No | Don't know

G28: *[If G27 is "Yes":]* Does anyone in the household have the right to sell this plot?
  - Yes | No | Don't know

G29: *[If G1 is "Yes":]* Do you expect to plant boro on this same plot next year?
  - Yes | No | Don't know

G30: *[If G29 is "No":]* Why do you not expect to plant on this plot during the Boro season next year?

- Too salty | Other crop more profitable | Fishing more profitable | Land too expensive | Won't have access to land | Migration | Other | Don't know

G31: *[If G30 is "Other":]* Specify

G32: *[If G29 is "Yes":]* Do you expect to plant a saline tolerant variety on this same plot during the boro season next year?

- Yes | No | Don't know

G33: *[If G29 is "No" and G1 is "Yes":]* Think about the biggest plot that you expect to cultivate boro on next year. Do you expect to plant a saline tolerant variety on this plot during the boto season next year?

- Yes | No | Don't know

G34: *[If G29 is "Yes":]* How much do you expect to harvest from this plot during the Boro season next year? *Please enter an amount in maund.*

G35: *[If G29 is "No" and G1 is "Yes":]* Think about the biggest plot that you expect to cultivate boro on next year. How much do you expect to harvest from that plot next season? *Please enter an amount in maund.*

G36: *Instructions: Prepare harvest picture.*
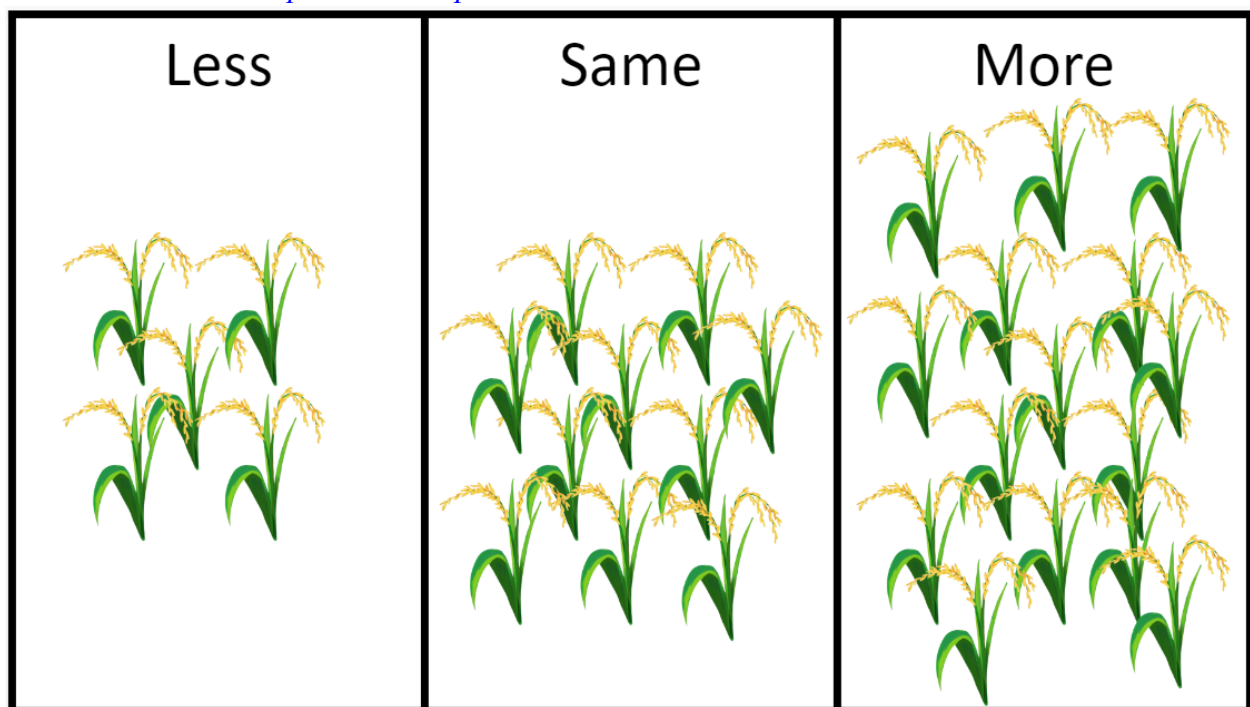
[The values of smaller and bigger values are the value from G34 (or G35 if G29 is "No") minus and plus 10 percent of that value rounded to the nearest integer, with a minimum plus or minus value of 1 and a maximum plus or minus value of 10.]

G37: *[If G1 is "Yes":]* You just said you expect *[Value from G34]* maund amount of harvest on this plot for the boro crop this coming season. These pictures represent the amount of crops you might grow.

This picture means a scenario when you cultivate *[Smaller value]* maund or less from this plot.
This picture means a scenario when you cultivate *[Bigger value]* maund or more from this plot.
The middle picture represents that you cultivate between *[Smaller value]* maund and *[Bigger value]* maund.
Do you clearly understand what is meant by the pictures?

- Yes | No

G38: Now place the buttons on the picture according to the amount of yield you expect from this land. You can put more buttons on the picture that best matches what you think will happen. Do you understand? This question is not about what you want to happen. This question is about what you think will happen.
- Yes | No

G39: Please place the buttons. Number of buttons on lowest harvest | Number of buttons in middle | Number of buttons on highest harvest

G40: *Instructions: Enter 99 if respondent says they do not know.*

G41: *[If G39 does not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

G42: *[If G32 or G33 is "No":]* Now think about next season. Do you think you will be able to grow more, the same amount, or less rice if you use seed 67 instead of the seed you are planning to use next year?
- More | Less | Same | Don't know

G43: *[If G32 or G33 is "Yes":]* Now think about next season. Do you think if you use a seed that is not saline tolerant, you will grow more rice, the same amount of rice, or less rice next year?
- More | Less | Same | Don't know

G44: *[If G42 or G43 is "More":]* How much more? Please tell me the amount in Maund. *Instructions: Enter 9999 if the respondent says they do not know.*

G45: *[If G42 or G43 is "Less":]* How much less? Please tell me the amount in Maund. *Instructions: Enter 9999 if the respondent says they do not know.*

[The "less" and "more" values below are plus and minus 1 if the respondent reported units in maund and plus or minus 10 if the respondent reported units in kilograms, with negative values winsorized at 0. "Amount" is the answer to G44 or G45.]

G46: *[f G42 or G43 is "Less" and G45 is not 9999:]* You have said that you expect to grow *[Amount]* maund less if you use this different seed. It may not be exactly that amount, but could be more or less. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents the *[Amount]* Maund, the difference you just said.

Instructions: Point to image with less harvest.

This image means a scenario when you expect to grow no more than *[Less]* Maund less on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This image means a scenario when you expect to grow *[More]* Maund less on this plot if you use this different seed.

Do you understand what each picture means?
- Yes | No

G47: *[If G42 or G43 is "Less" and G45 is 9999:]* You have said that you are not sure how much less you will grow if you use this different seed. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents growing *[Amount]* maund less if you use this different seed.

Instructions: Point to image with less harvest.

This image means a scenario when you expect to grow no more than *[Less]* maund less on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This image means a scenario when you expect to grow *[More]* maund less on this plot if you use this different seed.

Do you understand what each picture means?

- Yes | No

G48: *[If G42 or G43 is "More" and G44 is not 9999:]* Thank you. We will now use the buttons again. You have said that you expect to grow *[Amount]* maund more if you use this different seed. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents the *[Amount]* maund, the difference you just said.

Instructions: Point to image with less harvest.

This image means a scenario when you expect to grow no more than *[Less]* more on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This image means a scenario when you expect to grow at least *[More]* maund more on this plot if you use this different seed.

Do you understand what each picture means?

G49: *[If G42 or G43 is "More" and G44 is 9999:]* Thank you. We will now use the buttons again. You have said that you are not sure how much more you will grow if you use this different seed. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents growing *[Amount]* maund more on this plot if you use a different seed.

Instructions: Point to image with less harvest.

This image means a scenario when you expect to grow no more than *[Less]* maund more on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This image means a scenario when you expect to grow at least *[More]* maund more on this plot if you use this different seed.

Do you understand what each picture means?

G50: *[If G42 or G43 is "I don't know":]* Thank you. We will now use the buttons again. You have said that you do not know whether you will grow the same amount if you use this different seed. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents no difference.

Instructions: Point to image with less harvest.

This picture means a scenario when you expect to grow at least *[Less]* maund less on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This picture means a scenario when you expect to grow at least *[More]* maund more on this plot if you use this different seed.

Do you understand what each picture means?

G51: *[If G42 or G43 is "Same":]* Thank you. We will now use the buttons again. You have said that you expect to grow the same amount if you use this different seed. These pictures represent the difference in yield between these two seeds.

Instructions: Point to middle image.

The middle image represents no difference, the difference you just said.

Instructions: Point to image with less harvest.

This picture means a scenario when you expect to grow at least *[Less]* maund less on this plot if you use this different seed.

Instructions: Point to image with more harvest.

This picture means a scenario when you expect to grow at least *[More]* maund more on this plot if you use this different seed.

Do you understand what each picture means?

G52: I would now like you to place the buttons on these pictures based on what you think the difference is. You should place more buttons on the picture that you think is more likely. Does that make sense?

- Yes | No

G53: *Instructions: Count the number of buttons*

- Number of buttons on less harvest | Number of buttons on middle harvest | Number of buttons on more harvest

G54: *Instructions: Enter 99 if respondent says they do not know.*

G55: *[If G53 does not sum to 10:]* *Warning: The number of buttons did not add up to 10. Please go back and check.*

[Respondents were randomly assigned to one of two arms during the baseline. Those not asked about their rainfall beliefs in the baseline were asked the questions in Section H during the endline.]

H1: *Instructions: Get rainfall picture.*

For every two weeks of the monsoon season...

| Rains less than 8 days | Rains 8-9 days | Rains 9-10 days | Rains 10-11 days | Rains 11-12 days | Rains 12 days + |
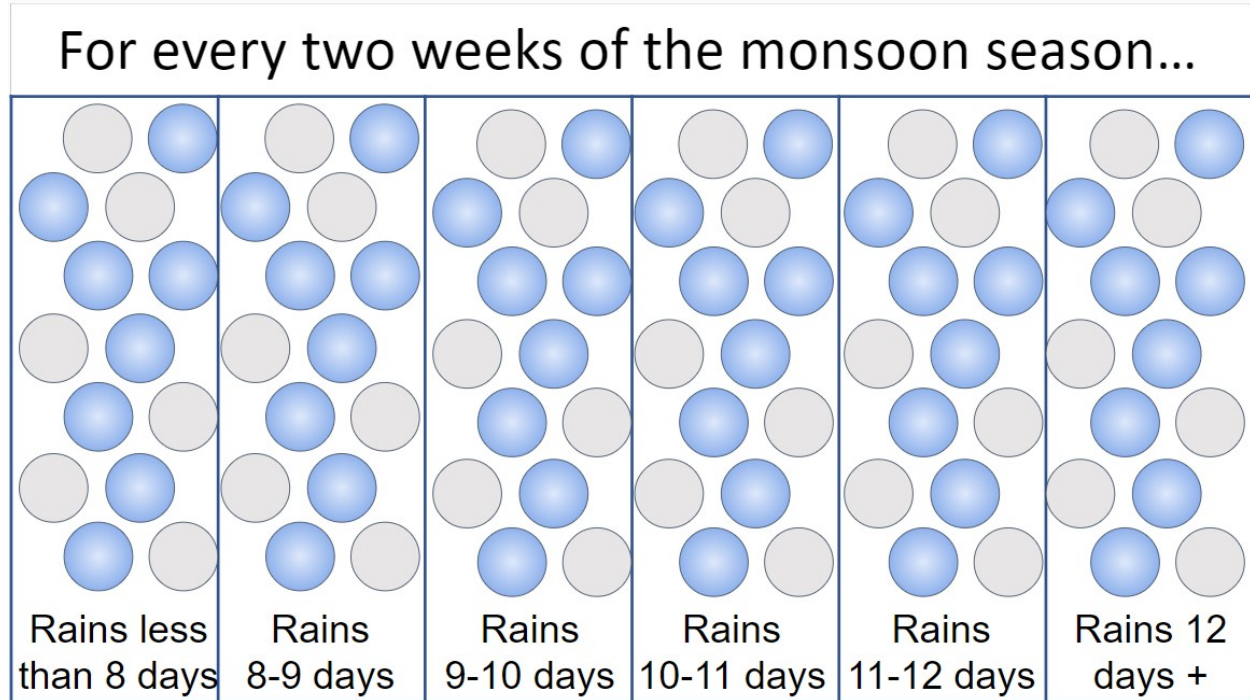
H2: I'm now going to ask you about how much it rained during the monsoon season from the beginning of Jaistha *[May/June in Bengali Calendar]* to the end of Ashwin *[September/October in Bengali Calendar]*. It's okay if you don't know for certain, you should just make your best guess. You can put buttons on multiple squares if you think that there are multiple possibilities. There are six months in this period. I'm going to ask you about how much it rained in this village. For this question, you should say that it rained on a day if it rained for at least an hour with normal size drops.

I'm going to use this picture to help explain. The pictures show different scenarios about how much it rained in this period.

In the first, it shows that on average, for every two weeks during this period, it rained on fewer than 8 days.

In the second, it shows that on average, for every two weeks during this period, it rained between 8 and 9 days.

In the third, it shows that on average, for every two weeks during this period, it rained between 9 and 10 days.

In the fourth, it shows that on average, for every two weeks during this period, it rained between 10 and 11 days.

In the fifth, it shows that on average, for every two weeks during this period, it rained between 11 and 12 days.

In the sixth, it shows that on average, for every two weeks during this period, it rained on more than 12 of those days.

Do you have any questions about each of these scenarios?

- Yes | No

H3: Now, think about how much rain is necessary for your crops to grow without any problems. Please place the buttons below on the pictures that you think represent how much rain is necessary. Do not put buttons on the amount of rain that you think will hurt your crops.

Count the number of buttons on fewer than 8 days | Count the number of buttons on 8-9 days | Count the number of buttons on 9-10 days | Count the number of buttons on 10-11 days | Count the number of buttons on 11-12 days | Count the number of buttons on more than 12 days

H4: *Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

H5: *[If sum of H3 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

H6: *[If H3 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

[Respondents were randomly assigned a value for how many years in the past they were asked about: 1, 5, and 10 with equal probability, denoted by "Past Gap" below. Additionally, respondents were randomized into different question orders. Some respondents were asked about rain in this year 2023 first; then rain in this past year 2022; then rain in the past. Others were asked first about rain in the past; then rain in this past year 2022; then rain in this year 2023. Some were asked about this past year 2022 first; then rain in the past; then rain in this year 2023. Finally, some were asked about this past year 2022 first, then rain in this year 2023; then rain in the past.]

[Rain in this year 2023 group includes questions H7 through H10]

H7: I'm now going to ask you to place buttons on the scenario that you think will happen **this year, 2023**. You may not know exactly, so you should put more buttons on the scenario that you think is most likely to happen.

How much rain do you think will occur in this village during the monsoon season **this year, 2023?**

Count the number of buttons on fewer than 8 days | Count the number of buttons on 8-9 days | Count the number of buttons on 9-10 days | Count the number of buttons on 10-11 days | Count the number of buttons on 11-12 days | Count the number of buttons on more than 12 days

H8: *Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

H9: *[If H7 does not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

H10: *[If H7 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

[Rain in this past year 2022 group includes questions H11 through H14]

H11: I'm now going to ask you to place buttons on the scenario that happened **this past year, 2022**. You may not remember exactly, so you should put more buttons on the scenario that you think is most likely to have happened.

How much rain occurred in this village during this season in **2022** ?

Count the number of buttons on fewer than 8 days | Count the number of buttons on 8-9 days | Count the number of buttons on 9-10 days | Count the number of buttons on 10-11 days | Count the number of buttons on 11-12 days | Count the number of buttons on more than 12 days

H12: *Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

H13: *[If H11 does not sum to 10:]Warning: The number of buttons did not add up to 10. Please go back and check.*

H14: *[If H11 equals 99] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

[Rain in past group includes questions H15 through H18:]

H15: I'm now going to ask you to place buttons on the scenario that happened *[Past Gap]* **years ago, [2022 - Past Gap]**. You may not remember exactly, so you should put more buttons on the scenario that you think is most likely to have happened.

How much rain occurred in this village during this season *[Past Gap]* **years ago in [2022 - Past Gap]**?

Count the number of buttons on fewer than 8 days | Count the number of buttons on 8-9 days | Count the number of buttons on 9-10 days | Count the number of buttons on 10-11 days | Count the number of buttons on 11-12 days | Count the number of buttons on more than 12 days

H16: *Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

H17: *[If H15 does not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

H18: *[If H15 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

H19: Do you think that rainfall patterns of 10 years ago are different than they are today?
- Yes | No

H20: *[If H19 is "Yes":]* How do you think the rainfall patterns have changed?
- Years with low amounts of rain are more common today than 10 years ago | Years with high amounts of rain are more common today than 10 years ago | Rain is less predictable today | Raindrops are smaller today than 10 years ago | Raindrops are bigger today than 10 years ago | Rain intensity has increased (water per hour) | Rain intensity has decreased (water per hour)

H21: Do you think that rainfall patterns of today are different than they will be in 10 years?
- Yes | No

H22: *[If H21 is "Yes":]* How do you think the rainfall patterns will change?
- Years with low amounts of rain will become more common | Years with high amounts of rain will become more common | Rain will become less predictable | Rain drops will become smaller | Rain drops will become bigger | Rain intensity will increase (water per hour) | Rain intensity will decrease (water per hour)

Section I: Flooding Beliefs

I1: I would now like to ask you some questions about floods. By flood I mean unexpected and unwanted water enters your land or house and covers the ground. I only want you to think of a flood happening to you if it covers at least half of one of your plots, or the water is touching your house. Do you understand this definition of flood?
- Yes | No

I2: How worried are you about floods?
- Extremely worried | Very worried | Somewhat worried | A little worried | Not worried at all | Don't know

I3: What are some things you would do if you experienced a flood?
- *[Audio recording]*

I4: Have you experienced flooding on your plots or at your house before?
- Yes | No | Don't know

[Respondents were randomly asked either I5 or I6]

I5: I will now ask you about each flood. We'll start with the most recent flood you remember.

I6: I will now ask you about each flood. Let's start with the oldest flood you remember.

[Respondents were asked about floods in a loop, with the number of each loop denoted by Number:]

Instruction: Please click "add group" when it appears on the next screen.

I7: It seems like this group was added by accident. Would you like to skip these questions?
- Yes | No

I8: *[If I7 is "No":]* I'm now going to ask you about flood *[Number]*.

I9: When did this flood occur?
- 0 years ago | 1 year ago | 2 years ago | 3 years ago | 4 years ago | 5 years ago | 6 years ago | 7 years ago | 8 or more years ago

I10: *[If I9 is "8 or more years ago":]* Year

Instructions: Enter 99 if respondent doesn't know.

I11: *[If I9 is "0 years ago":]* You said that a flood occurred on your plots or at your house this year. Which month?
- *[Options are same as E59]*

I12: How long did this flood last?
- one day of flood | 1-3 days of flood | 3 days - 1 week of flood | 1 week to 1 month of flood | more than 1 month of flood | Don't know

I13: Did that flood harm your crops?
- Yes | No | Don't know

I14: How much of your harvest was damaged because of the flood?

Instructions: Enter 9999 if the respondent doesn't know.
- None | A quarter | A half | Three quarters | All | Don't know

I15: Was your house damaged because of that flood?
- Yes | No | Don't know

I16: How much damage was done to your house? Try to estimate the amount in terms of how much Taka it would cost to fix.

Instructions: Enter 9999 if the respondent doesn't know.

I17: Can you remember another flood?
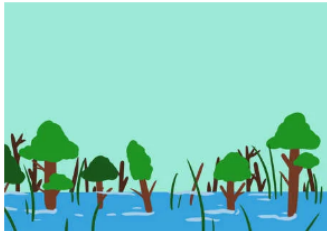- Yes | No
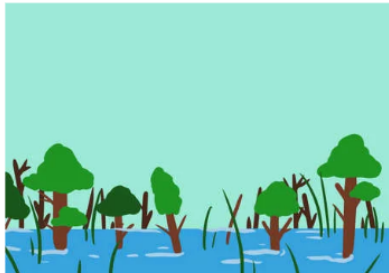
[If I17 is "Yes", loop repeats.]

I18: Please click "add group" when it appears on the next screen.
I19: Please click "Do not add group" when it appears on the next screen.
I20: *[If I18 is not clicked:]* Error: you did not add a group. Please go back.
[Respondents were randomly assigned to one of two arms during the baseline. Those not asked about their flooding beliefs in the baseline were asked the remaining questions in Section I during the endline. All respondents were asked the previous questions.]
I21: *Instructions: Get flood photo.*

No Flood	1 Day of Flooding	1-3 Days of Flooding
3 Days - 1 Week of Flooding	1 Week - 1 Month of Flooding	More than 1 Month of Flooding

I22: I'm now going to ask you about flooding in the next 12 months. These pictures represent different amounts of flooding that might have occurred.
The first picture shows no flooding that occurred on your land or plots.
The second shows flooding that lasts for no more than one day.
The third shows flooding that lasts more than one day but not more than three days.
The fourth shows flooding that lasts more than three days but less than a week.
The fifth shows flooding that lasts for more than a week but less than a month.
The sixth shows flooding that lasts more than a month.
If you think multiple floods happen, then you should add up the total number of days of flooding. For instance, if you think there will be one flood for three days and one flood for a week, then you should say that there was flooding for more than a week.
Do you have any questions about these pictures?
- Yes | No
I23: I will now ask you some questions about next year's floods. I would like to know your best estimate of how much flooding is likely to occur in the next 12 months.
Place the buttons on this image according to your guess. If the flood conditions shown in an image closely match your guess, you can place more buttons on that image. Do you understand the process?
- Yes | No
I24: Place the buttons on the picture according to your guess

-

Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.

I25: *[If I24 does not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

I26: *[If I24 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

I27: Now, instead of just thinking about the next 12 months, you think about all of the flooding that might occur in the next five years. Think about the type of flooding your land might experience during that entire time. Please place buttons on these images, placing more buttons on the image that most closely matches how many total days of flooding you think your land will experience in the next five years.

- Count the number of buttons on No flood | Count the number of buttons on One day of flood | Count the number of buttons on 1-3 days of flood | Count the number of buttons on 3 days - 1 week of flood | Count the number of buttons on 1 week to 1 month of flood | Count the number of buttons on more than 1 month of flood

I28: *Instructions: Enter 99 if respondent says they do not know. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

I29: *[If I27 does not sum to 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

I30: *[If I27 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

I31: I would like to know your estimate of the amount of damage in case of flood. Think about the flood situation in each of these pictures. I will ask you about each situation.

For each scenario, I would like to know what you think the average amount of damage to your crops and property would be if this amount of flooding occurred. Do you have any questions about this?

- Yes | No

I32: How much of your harvest do you think would be damaged from a flood that lasts **less than one day**?

- *[Options are same as I14]*

I33: What is the average amount of damage to your home that you think might happen from a flood that lasts **less than one day**?

Instructions: Enter 99 if respondent says they do not know.

I34: How much of your harvest do you think would be damaged from a flood that lasts **one to three days**?

- *[Options are same as I14]*

I35: What is the average amount of damage to your home that you think might happen from a flood that lasts **one to three days**?

Instructions: Enter 99 if respondent says they do not know.

I36: How much of your harvest do you think would be damaged from a flood that lasts **three days to one week**?
- *[Options are same as I14]*

I37: What is the average amount of damage to your home that you think might happen from a flood that lasts **three days to one week**?

Instructions: Enter 99 if respondent says they do not know.

I38: How much of your harvest do you think would be damaged from a flood that lasts **more than one week but less than one month**?
- *[Options are same as I14]*

I39: What is the average amount of damage to your home that you think might happen from a flood that lasts **more than one week but less than one month**?

Instructions: Enter 99 if respondent says they do not know.

I40: How much of your harvest do you think would be damaged from a flood that lasts **more than one month**?
- *[Options are same as I14]*

I41: What is the average amount of damage to your home that you think might happen from a flood that lasts **more than one month**?

Instructions: Enter 99 if respondent says they do not know.

I42: Have you ever changed what you grow or what livelihood you do because you are worried about floods?
- Yes | No

I43: *[If I42 is "Yes":]* What did you change?
- Changed crops | Changed plots | Got new job | Became a fisherman | Other

I44: *[If I43 is "Other":]* Specify

I45: *[If I43 is "Changed crops" or "Changed plots"]* When did you change what you grow or what livelihood you do?
- *[Options are same as I9]*

I46: *[If I45 is "8 or more years ago":]* Year

Instructions: Enter 99 if respondent doesn't know.

I47: Have you heard of flood resistant seeds?
- Yes | No

I48: *[If I47 is "Yes":]* Do you use flood resistant seeds?
- Yes | No

I49: *[If I48 is "Yes":]* What seed do you use?
- *[Options are same as E15]*

I50: *[If K49 is "Other":]* Specify

I51: *[If I48 is "Yes":]* When did you switch to flood resistant seeds?
- *[Options are same as I9]*

I52: *[If I51 is "8 or more years ago":]* Year

Instructions: Enter 99 if respondent doesn't know.

[One of either questions I53 or I55 was asked randomly.]

I53: Think about the risk of flooding today compared to the risk of flooding **10 years ago** . Do you think the risk of flooding is higher, lower, or the same today than it was 10 years ago?
- Flood risk was higher in the past than today | Flood risk was lower in the past than today | Flood risk was the same in the past as it is today | Don't know

I54: Think about the risk of flooding today compared to the risk of flooding **10 years from now**. Do you think the risk of flooding in 10 years will be higher, lower, or the same as it is today?
- Flood risk will be higher in the future than it is today | Flood risk will be lower in the future than it is today | Flood risk will be the same in the future as it is today | Don't know

I55: Think about the risk of flooding today compared to the risk of flooding **10 years ago**. Do you think the risk of flooding is higher, lower, or the same today than it was 10 years ago?
- Flood risk was higher in the past than today | Flood risk was lower in the past than today | Flood risk was the same in the past as it is today | Don't know

[A random half of respondents were shown I56 and I57. The values were based off of the satellite analysis of flooding in Bangladesh.]

I56: As part of this project, we measured flooding in each union using data from satellites. These measures are not perfect, but they can help us understand how frequently floods occur. According to this data, *[Flooded number]* out of *[Total unions]* unions in your upazila did not have any major floods since 2002.

[I57 was only read to the respondent if flooded number was greater than 0.]

I57: Among the unions where there was a flood, a flood occurred every *[Flood rate]* years on average.

I58: How many years do you think it would take for a one-day long flood to happen in this village?

I59: How many years do you think it would take for a three-day long flood to happen in this village?

I60: How many years do you think it would take for a week-long flood to happen in this village?

I61: How many years do you think it would take for a month-long flood to happen in this village?

Section J : Insurance

[Respondents randomly not asked about insurance during the baseline were asked about it during the endline.]

J1: In some places, there are insurance contracts for bad weather or natural disasters.

For example, there may be an insurance contract for the amount of rain. In that case, farmers like you will pay some money to the insurance company at the beginning of the season.

If there is not enough rain in that season, the insurance company will refund the money paid to the farmers at the beginning of the season with interest.

And if there is enough rain in the season, then the insurance company will not pay any money at the end of the season.

Have you ever heard of any such insurance company or contract before?
- Yes | No | Don't know

J2: Do you have an insurance contract that pays or will pay you based on bad weather or natural disasters?
- Yes | No

J3: *[If J2 is "No"]* Why didn't you do any such insurance contract? You can answer more than one if you want.

Instructions: Do not read out the options to the respondent.
- Insurance is not available | It is too expensive | I do not need it or want it | I do not trust the company to pay | Other (please type in the answer) | I have never heard of this kind of insurance | Refuse to answer | Don't know

J4: *[If J3 is "Other":]* Specify other reason

J5: I'm now going to ask you about a hypothetical insurance contract.

Suppose there is an insurance company offering insurance for flooding. You should imagine that the insurance company is extremely trustworthy.

If you accept the contract, that means that every month, you would have to pay a fixed amount to that company.

If there is a flood that occurs on your land, then they will pay you a large amount of money. If there is no flood, then you do not receive any money.

Does this make sense?
- Yes | No

J6: *Instructions: Turn to the flood insurance picture.*
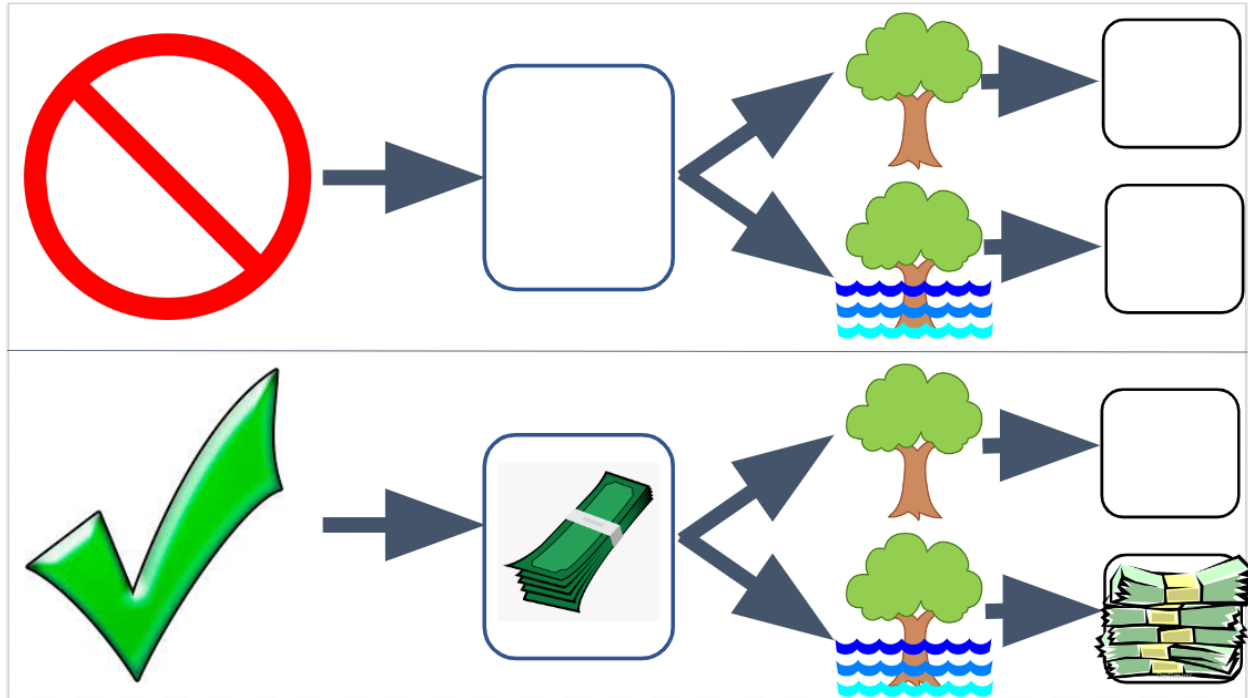
[Respondents are randomly assigned with equal probability to an insurance payout and an insurance fee. The potential payouts are: 10,000; 15,000; 20,000; 25,000; and 30,000. This value is denoted by "Payout" below. The potential fees are: 20; 30; 40; 50; and 60. This value is denoted by "Fee" below.]

J7: *Instructions: Point to the relevant part of the picture as you explain each part.*

Now let's see an example. The insurance company offers you a contract for *[Sample Fee]* Taka per month. If there is a flood, then the company pays you *[Payout]* Taka.

Let's walk through two scenarios. First, imagine that you do not buy the contract. That is shown by the top row.

Then each month, you do not have to pay anything to any company.

If no flood occurs, then you never receive any payment from the company and you never have to pay anything.

However, if there is a flood, then that might damage your house or your crops. In that case, you would also not receive anything from the company, but you might have damages that might cost you some money.

Now, imagine that you do buy the contract. That is shown by the bottom row.

Then each month, you have to pay *[Sample Fee]* taka.

If there is no flood, then you do not get paid anything by the company.

If there is a flood, it might damage your house or your crops. But the company also pays you *[Payout]* Taka.

Of course, it is hard to know in advance if or when a flood will occur.

J8: Just to make sure this is clear, I'm going to ask you some questions about these scenarios. If you do not buy the insurance, how much do you get paid if there is a flood?

J9: Actually, you would not be paid anything if you did not buy the insurance.

Instructions: Explain again.

J10: If you do buy the insurance, how much do you get paid if there is a flood?

J11: *[If J10 does not equal the Payout:]* Actually, you would be paid *[Payout]*.

J12: It is important to remember that it is hard to predict if and when a flood might occur. That means that if you buy insurance, the number of months you have to pay the fee before a flood occurs could be small, could be large, or a flood might never occur. Does that make sense?
- Yes | No

J13: *Instructions: Please answer any of the respondent's questions about how the insurance works.*

J14: Now, imagine that the insurance company pays *[Payout]* taka in case there is a flood. I am going to ask you if you would buy insurance for different prices.
First, I will ask if you would buy this insurance for 10 taka per month. This means that you have to pay 10 taka every month, but if there is a flood at some point, you will get *[Payout]* taka. Do you accept this contract?
- Yes | No

J15: *[If J14 is "No":]* Now, imagine that the insurance costs 0 taka per month, so it is free. Do you accept this contract? Remember, if your plot gets flooded, you will be paid *[Payout]* taka if you have signed up for this free insurance.
- Yes | No

J16: *[If J14 is "Yes":]* Now, imagine that the insurance costs 20 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J17: *[If J16 is "Yes":]* Now, imagine that the insurance costs 30 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J18: *[If J17 is "Yes":]* Now, imagine that the insurance costs 40 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J19: *[If J18 is "Yes":]* Now, imagine that the insurance costs 50 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J20: *[If J19 is "Yes":]*Now, imagine that the insurance costs 60 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J21: *[If J20 is "Yes":]* Now, imagine that the insurance costs 70 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J22: *[If J21 is "Yes":]* Now, imagine that the insurance costs 80 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J23: *[If J22 is "Yes":]* Now, imagine that the insurance costs 90 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J24: *[If J23 is "Yes"]* Now, imagine that the insurance costs 100 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J25: *[If J24 is "Yes":]*Now, imagine that the insurance costs 110 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?

- Yes | No

J26: *[If J25 is "Yes":]* Now, imagine that the insurance costs 120 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J27: *[If J26 is "Yes"]* Now, imagine that the insurance costs 130 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J28: *[If J27 is "Yes":]* Now, imagine that the insurance costs 140 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J29: *[If J28 is "Yes":]* Now, imagine that the insurance costs 150 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J30: *[If J29 is "Yes":]* Now, imagine that the insurance costs 160 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J31: *[If J30 is "Yes":]* Now, imagine that the insurance costs 170 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J32: *[If J31 is "Yes":]* Now, imagine that the insurance costs 180 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J33: *[If J32 is "Yes":]* Now, imagine that the insurance costs 190 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J34: *[If J33 is "Yes":]* Now, imagine that the insurance costs 200 taka per month, and you will be paid *[Payout]* if and when a flood occurs. Do you accept this contract?
- Yes | No

J35: *[If J34 is "Yes":]* What is the highest amount you would be willing to pay per month to accept this contract?

J36: Is there anyone in this household who lived outside of this village for work in the past year?
- Yes | No

J37: Who?

Section K : Migration and Job Expectations

[Those farmers who did not answer the migration questions during the baseline answered them during the endline.]

K1: Have you experienced flooding on your plots or at your house before?
- Yes | No | Don't know

[If respondents answered "Yes" to question K1, they were randomly asked either K2 or K3.]

K2: I will now ask you about each flood. We'll start with the most recent flood you remember.

K3: I will now ask you about each flood. Let's start with the oldest flood you remember.

[Questions K4 through K18 repeated in a loop:]

K4: Please click "add group" when it appears on the next screen.

K5: *[Appears only if farmers answered "No" to K15 and the enumerator clicked add group.]* It seems like this group was added by accident. Would you like to skip these questions?
- Yes | No

[If K5 is "Yes", loop skips to K17].

K6: *[If K5 is "No":]* I'm now going to ask you about flood *[NUMBER]*.

K7: When did this flood occur?
- 0 years ago | 1 year ago | 2 years ago | 3 years ago | 4 years ago | 5 years ago | 6 years ago | 7 years ago | 8 or more years ago

K8: *[If K7 is "8 or more years ago":]* Year
Instructions: Enter 99 if respondent doesn't know.

K9: *[If K7 is "0 years ago":]* You said that a flood occurred on your plots or at your house this year. Which month?
- April to May | May to June | June to July | July to August | August to September | September to October | October to November | November to December | December to January | January to February | February to March | March to April | Don't Know

K10: How long did this flood last?
- one day of flood | 1-3 days of flood | 3 days - 1 week of flood | 1 week to 1 month of flood | more than 1 month of flood | Don't know

K11: Did that flood harm your crops?
- Yes | No | Don't know

K12: How much of your harvest was damaged because of the flood?
Instructions: Enter 9999 if the respondent doesn't know.
- None | A quarter | A half | Three quarters | All | Don't Know

K13: Was your house damaged because of that flood?
- Yes | No | Don't know

K14: How much damage was done to your house? Try to estimate the amount in terms of how much Taka it would cost to fix.
Instructions: Enter 9999 if the respondent doesn't know.

K15: Can you remember another flood?
- Yes | No

K16: *[If K15 is "Yes":]* *Please click "add group" when it appears on the next screen.*

K17: *[If K15 is "No":]* *Please click "Do not add group" when it appears on the next screen.*

K18: *[If K15 is "Yes" but add group was not clicked:]* *Error: you did not add a group. Please go back.*

K19: *Instructions: Please prepare job picture.*

K20: I'm now going to ask you about some different occupations. These pictures show some different occupations that you might have. This picture shows a wage laborer, like an agricultural day laborer or a construction worker. This picture shows a salaried worker, like a teacher or an NGO worker. This picture shows self-employment, like a rickshaw puller or a tailor. This picture shows a trader, like in a shop. This picture shows a farmer. This picture shows someone not working for pay, like a housewife. This picture shows another occupation.

K21: What was your occupation five years ago? Select all that apply.
- Farmer or Fisherman | Agricultural Day Laborer | Other wage laborer (like construction worker) | Salaried worker | Self-employment (like rickshaw puller or tailor) | Trader | Housewife | Student | Retired | Not working | Young child | Other

K22: Now think about what occupation you will have five years from now. Please place the buttons, and put more buttons on the picture that you think is more likely. This question is not asking about what you want, but instead asking what you think will happen.
- Count number of buttons on Wage Laborer | Count number of buttons on Salaried Worker | Count number of buttons on Self-Employment | Count number of buttons on Trader | Count number of buttons on Farmer | Count number of buttons on Not Working for Pay | Count number of buttons on Other

K23: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K24: *[If sum of K22 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

[Respondents are randomly assigned to one of two arms. Those assigned to Arm #2 are asked the questions in Section K]

K25: Is there anyone in this household who lived outside of this village for work in the past year?
- Yes | No

K26: *[If K25 is "Yes":]* Who?

[Questions K27 through are asked for every member selected in K26, denoted by NAME below.]

K27: Does *[NAME]* still live away from the village?
- Yes | No

K28: Did *[NAME]* leave the country?
- Yes | No

K29: Did *[NAME]* move to a city or a rural area?
- Rural | Urban | Don't know

K30: *[If K27 is "Yes" and K28 is "Yes":]* What country does *[NAME]* live in?
- Oman | Qatar | Singapore | United Arab Emirates/Dubai | Bahrain | Jordan | Lebanon | Iraq | Saudi Arabia | India | Mauritius | Other

K31: *[If K27 is "No" and K28 is "Yes":]* What country did *[NAME]* live in?
- *[Options are same as K30]*

K32: *[If K30 is "Other" or K31 is "Other":]* Specify country

K33: *[If K29 is "Urban" and K27 is "Yes":]* What city does *[NAME]* live in?
- Dhaka | Chattrogram | Gazipur | Narayanganj | Khulna | Sylhet | Rajshahi | Bogra | Barisal | Comilla | Bogra | Brahmanbaria | Chapainawabganj | Dinajpur | Jamalpur | Jessore | Mymensingh | Naogaon | Pabna | Rangpur | Tangail | Other

K34: *[If K29 is "Urban" and K27 is "No":]* What city did *[NAME]* live in?
- *[Options are same as K33]*

K35: *[If K29 is "Rural":]* Select the name of the district
- Bagerhat | Chuadanga | Jessore | Jhenaidah | Khulna | Kushtia | Magura | Meherpur | Narail | Satkhira | Other

K36: *[If K33 is "Other":]* Specify district name

K37: *[If K29 is "Rural":]* Select the name of the upazila
- Bagerhat Sadar | Chitalmari | Fakirhat | Kachua | Mollahat | Mongla | Morrelganj | Rampal | Sarankhola | Alamdanga | Chuadanga Sadar | Damurhuda | Jiban Nagar | Abhaynagar | Bagher Para | Chaugachha | Jhikargachha | Keshabpur | Kotwali | Manirampur | Sharsha | Harinakunda | Jhenaidah Sadar | Kaliganj | Maheshpur | Shailkupa | Batiaghata | Dacope | Dighalia | Dumuria | Khan Jahan Ali | Koyra | Paikgachha | Phultala | Rupsa | Terokhada | Bheramara | Daulatpur | Khoksa | Kumarkhali | Kushtia Sadar | Mirpur | Magura Sadar | Mohammadpur | Shalikha | Sreepur | Gangni | Meherpur Sadar | Mujib Nagar | Kalia | Lohagara | Narail Sadar | Assasuni | Debhata | Kalaroa | Kaliganj | Satkhira Sadar | Shyamnagar | Tala | Other

K38: *[If K37 is "Other":]* Please enter name of upazila if not found in list

K39: *[If K29 is "Rural":]* Select the name of the union
- *[Options are unions from relevant upazilas of K37]*

K40: *[If K39 is "Other":]* Other union name

K41: What was *[NAME]*'s job?
- Wage Labor | Salaried worker | Self-employment | Trader | Non-earning occupation | Livestock Poultry related work/occupation | Farming | Other

K42: What is *[NAME]*'s job?
- *[Options are same as K41]*

K43: *[If K42 is "Other":]* Specify
- *[Options follow the same rule as G6]*

K44: *[If K42 or K43 is "Other":]* Please enter name of job if not found in list

K45: *[If K27 is "No":]* How long did *[NAME]* live there?

K46: *[If K27 is "Yes":]* How long has *[NAME]* lived there?

K47: Years

K48: Months

K49: *[If K27 is "No":]* How much did *[NAME]* earn on average per month while away?

Instructions: Please enter 99 if the respondent says he does not know.

K50: *[If K27 is "Yes":]* How much is *[NAME]* earning on average per month while away?

Instructions: Please enter 99 if the respondent says he does not know.

K51: *[If K27 is "No"]* How much money does *[NAME]* send back home to this village on average per month?

Instructions: Please enter 99 if the respondent says he does not know.

K52: *[If K27 is "Yes":]* How much money did *[NAME]* send back home to this village on average per month?

Instructions: Please enter 99 if the respondent says he does not know.

K53: How much did it cost *[NAME]* for transportation to migrate?

Instructions: Please enter 99 if the respondent says he does not know.

K54: How much does *[NAME]* spend on food and lodging at the destination?

Instructions: Please enter 99 if the respondent says he does not know.

K55: *Instructions: Please prepare a picture of the migration scenario.*
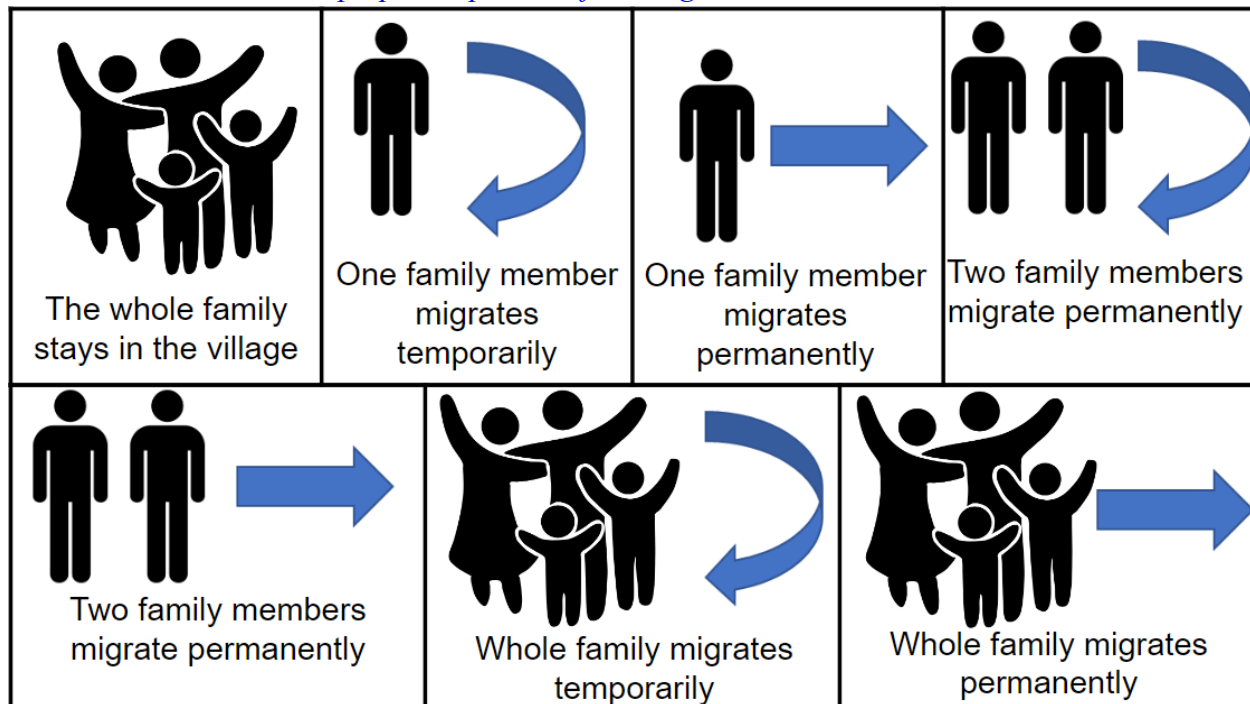
K56: I will now ask you about the migration to this village in the coming year. These pictures show different scenarios. I will be talking about two different types of migration. Temporary migration is migration that lasts for less than one year. Permanent migration is migration that lasts for longer than one year.

The first scenario shows your whole household staying here next year.

The second scenario shows only one member of the household temporarily migrating for work (migrating for less than one year).

The third scenario shows that one member of the household is permanently migrating for work (migrating for more than one year).

The fourth scenario shows that two or more members (but not all) are temporarily migrating for work outside of the village (migrating for less than one year).

The fifth scenario shows that two or more members (but not all) are permanently migrating for work outside of the village (migrating for more than one year).

The sixth scenario shows that the whole household will temporarily migrate out of the village (migrating for less than one year).

The seventh scenario shows the whole family permanently migrating out of the village (migrating for more than one year).

Are these scenarios clear?

- Yes | No

K57: Now I am going to ask about your household. Thinking about the next year, how likely do you think are each of these scenarios? Place more buttons on the picture that you think is more likely.

Count number of buttons on no migration | Count number of buttons on one person temporarily migrating | Count number of buttons on one person permanently migrating | Count number of buttons on two family members migrating permanently | Count number of buttons on whole family migrating temporarily | Count number of buttons on whole family migration permanently | Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.

K58: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K59: *[If sum of K57 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

K60: *[If sum of K57 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

K61: Thank you. Now I want you to think about five years from now. Again thinking about each of these scenarios, how likely do you think each one is? Place more buttons on the picture that you think is more likely.

Count number of buttons on no migration | Count number of buttons on one person temporarily migrating | Count number of buttons on one person permanently migrating | Count number of buttons on two family members migrating permanently | Count number of buttons on whole family migrating temporarily | Count number of buttons on whole family migration permanently | Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.

K62: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K63: *[If sum of K61 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

K64: *[If K61 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

K65: Now think about if you had to leave this village permanently with your whole household. Do you think you would go to a city or a rural area?
- Rural | Urban | Don't know

[Questions K66 through K72 mirror questions at the beginning of this section.]

K66: Select the name of the district

K67: Specify district name

K68: Select the name of the upazila

K69: Please enter name of upazila if not found in list

K70: Select the name of the union

K71: Other union name

K72: Which city would you go to?
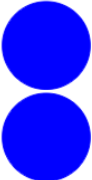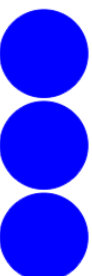
K73: How much do you think it will cost to migrate with the whole family?

Instructions: Please enter 99 if the respondent says he does not know.

K74: In 2016 and 2017, the government did a survey of people living in Khulna who migrated from somewhere else. I'm going to ask you about what people in that survey said about their work.

[Questions K75 through K90 are asked twice: once for women and once for men. The order of men and women is randomized across respondents. Below, the questions are shown for women.]

K75: *Instructions: prepare days' picture.*

K76: Think about all of the women who are working in Khulna who migrated from somewhere else. How many days per week do you think they work? Place more buttons on the answers that you think more people gave.
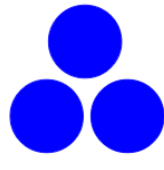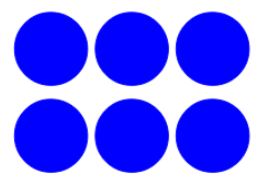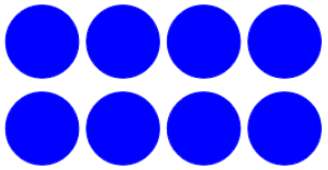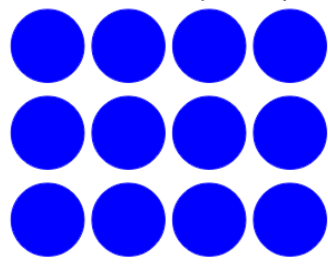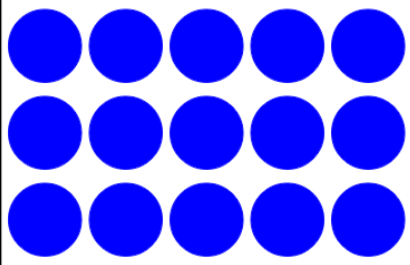
K77: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K78: *[If sum of K76 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

K79: *[If K77 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

K80: *Instructions: prepare hours picture.*

K81: Think about all of the women who are working in Khulna who migrated from somewhere else. How many hours per day do you think they work? Place more buttons on the answers that you think more people gave.

K82: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K83: *[If sum of K81 does not equal 10:]Warning: The number of buttons did not add up to 10. Please go back and check.*

K84: *[If K82 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

K85: *Instructions: prepare income picture.*

Less than 2,000 TK per month	2,000 - 6,000 TK per month	6,000 - 10,000 per month
10,000 - 14,000 per month	14,000 - 20,000 per month	More than 20,000 per month

K86: Think about all of the women who are working in Khulna who are working in Khulna who migrated from somewhere else. How much do you think they said they earn per month? Place more buttons on the answers that you think more people gave.

Count number of buttons on less than 2,000 Tk | Count number of buttons on 2,000 to 6,000 Tk | Count number of buttons on 6,000 to 10,000 Tk | Count number of buttons on 10,000 to 14,000 Tk | Count number of buttons on 14,000 to 20,000 Tk | Count number of buttons on more than 20,000 Tk

K87: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*

K88: *[If sum of K86 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*

K89: *[If K87 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

K90: People have different opinions about women going out to work. Some people feel that women should not work outside the home to earn money and they should only look after their families, while others say that there is nothing wrong if women go out for work to earn money. What is your opinion?
- Women should not work outside the home | There is nothing wrong if women work outside the home | Refuse to answer | Don't know

K91: Do you agree with the following statement: It reflects badly on a couple if the wife works for pay outside of the household.
- Agree | Disagree | Refuse to answer | Don't know

K92: *Instructions: Prepare Agree / Disagree picture*

Agree | Disagree

K93: Tell me how many people in your village will agree with that same statement using these 10 buttons.
Put more buttons on the "Agree" if you think more people agree with the statement, and more buttons on the "Disagree" side if you think more people disagree with the statement.
In other words, if you were to talk to ten of your neighbors, how many of them would agree with this statement?
K94: It reflects badly on a couple if the wife works for pay outside of the household.
Count number of buttons on agree | Count number of buttons on disagree
K95: *Instructions: Enter 99 if the respondent says they are confused by the question. If they are uncertain about the answer, tell them to put buttons on multiple options to express this uncertainty.*
K96: *[If sum of K94 does not equal 10:] Warning: The number of buttons did not add up to 10. Please go back and check.*
K97: *[If K95 equals 99:] Warning: Are you sure the respondent doesn't understand the question? If they simply do not know the answer, then they should put buttons on everything that they think might be a possibility, even if they do not know for sure.*

Section L : Networks

L1: Think about every household in your village that cultivates Boro rice. Some of these households might have a family member who has migrated away from the village. How much on average do you think each of these migrants sends home to the village each month?
Instructions: Please enter 99 if the respondent says he does not know.

L2: Sometimes, households can experience bad shocks. This could be anything that reduces the amount of income they earn. Do you think this type of bad shock is more likely in rural areas or urban areas?
- Rural | Urban | They are the same | Don't know

L3: Sometimes, multiple households living nearby experience a bad shock at the same time. If one household has a bad shock, a neighbor might also have a bad shock. Do you think the chance that a neighbor also has a bad shock is higher in rural areas or urban areas?
- Rural | Urban | They are the same | Don't know

L4: Think about the last time you experienced a bad shock. Did you receive a gift or a loan of any kind?
- Yes | No

L5: *[If L4 is "Yes":]* Who gave you a gift or a loan?
- Family member in this village | Family member in a different village | Friend/neighbor in this village | Friend/neighbor in a different village | Other

[Questions L6 through L8 repeat for every answer selected in L5]:
L6: Did *[NAME]* give you a gift or a loan? If multiple *[NAME]* gave you a gift or a loan, please answer for all of them together by adding the amounts.
- Gift | Loan

L7: *[If L6 is "Gift":]* How much did *[NAME]* give you?
Instructions: Please enter 99 if the respondent says he does not know.

L8: *[If L6 is "Loan":]* How much did *[NAME]* loan to you?
Instructions: Please enter 99 if the respondent says he does not know.

L9: How do you decide which other people in your village to talk to about farming advice?
- *[Audio recording]*

L10: I am now going to ask you questions about some boro farmers in your village. Your answers will not be shared with anyone else, so you can be honest.

[Questions L11 through L24 cycle through every participant in the survey in the respondent's village not already asked about during the baseline survey.]
L11: I will now ask about *[NETWORK NAME]*.
Instructions: If there is more than one person with this name in the village, tell the respondent to answer about the person who lives closest to them.

L12: Which of the following best describes your relationship with *[NETWORK NAME]* ?
- I do not know them | We know each other but are not friends | We are friends | We are close friends | We are family members | Other | Refuse to answer | Don't know

[If L12 is "I do not know them", then the survey skips to the next person.]
L13: Which of the following best describes how often you speak with *[NETWORK NAME]*?
- We have never spoken to each other | We talk to each other less than every six months | We talk to each other more than twice a year but less than every month | We talk to each other more than every month but less than every week | We talk to each other more than every week but less than every day | We talk to each other every day | Refuse to answer | Don't know

L14: How much do you trust *[NETWORK NAME]*?
- Do not trust at all | Trust a little bit | Trust a fair amount | Trust a lot | Refuse to answer | Don't know

L15: Would you feel comfortable borrowing money from or lending money to *[NETWORK NAME]?*
- Yes | No

L16: If you have a bad shock, do you think you can count on *[NETWORK NAME]* to help you?
- Yes | No

L17: If you experienced a bad harvest, how likely do you think it will be that *[NETWORK NAME]* also experiences a bad harvest?
- Not at all likely | A little likely | Somewhat likely | Very Likely | Refuse to answer | Don't know

L18: How many minutes does it take you to walk from *[NETWORK NAME]*'s house to your house?

L19:How many minutes does it take you to walk from one of your plots to one of *[NETWORK NAME]*'s plots? In this case, imagine the two closest plots.

L20: Do you use the same water source on your lands as *[NETWORK NAME]?*
- Yes | No | Don't know

L21: How knowledgeable do you think *[NETWORK NAME]* is about farming?
- Not knowledgeable | Somewhat knowledgeable | Very knowledgeable | Extremely knowledgeable | Refuse to answer | Don't know

L22: Do you think that *[NETWORK NAME]*'s plot is on average more/same amount/less saline than your plot?
- More salt | Same amount of salt | Less salt | Refuse to answer | Don't know

L23: Does *[NETWORK NAME]* use any salinity tolerant seeds?
- Yes | No | Don't know

L24: If *[NETWORK NAME]* advised you to use a different seed, would you follow their advice?
- Yes I would follow their advice | I would consider their advice but decide what I wanted to do based on my own understanding as well | No their advice would not influence me | Don't know

L25: What is your religion?
- Muslim | Hindu | Other | Refuse to answer

L26: If you needed to spend 5,000 BDT for agricultural equipment, would you have savings to draw on?
- Yes | No | Don't know

L27: If you needed to spend 5,000 BDT for agricultural equipment, how easy would it be for you to get a loan for that amount?
- Extremely easy | Very easy | Somewhat easy | Neither easy nor hard | Somewhat hard | Very hard | Extremely hard | Don't know

L28: How much do you agree with the statement: how my life goes depends on me.
- Strongly disagree | Slightly disagree | Neither agree or disagree | Slightly agree | Strongly agree | Don't know

L29: How much do you agree with the statement: I have little control over what happens in my life
- Strongly disagree | Slightly disagree | Neither agree or disagree | Slightly agree | Strongly agree | Don't know

L30: How much do you agree with the statement: Achievement in life is about fate or luck
- Strongly disagree | Slightly disagree | Neither agree or disagree | Slightly agree | Strongly agree | Don't know

L31: How much do you agree with the statement: One has to work hard in order to succeed
- Strongly disagree | Slightly disagree | Neither agree or disagree | Slightly agree | Strongly agree | Don't know

L32: How much do you agree with the statement: it is important to listen to the advice of older people in the village
- Strongly disagree | Slightly disagree | Neither agree or disagree | Slightly agree | Strongly agree | Don't know

L33: Enter your GPS location again

L34: Thank you for participating in the survey!

L35: Was it raining at any time during the day in this area?
- Yes | No