**PAD COVID-19 SURVEY**

**Instructions to programmers:**

Administer sections A-D and H. Administer one of sections E-G at random.

**Instructions to surveyors:**

Unless otherwise indicated, read the complete question as it is written and wait for the respondent to answer. If they are not understanding the question or unsure of how to respond, try to rephrase the question (while keeping the original meaning). If they are still unsure or are clearly misunderstanding, provide an example of the response (a few options in a list or scale).

**CORE SURVEY**

**Section 0: Pre-survey administration**

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| --- | --- | --- | --- |
| **N** | **Question** | **Answer** | **Adapting notes** |
| 01 | Surveyor name |  |  |
| 02 | Respondent ID |  |   |
| 03 | Respondent name[pre-filled] |  |
| 04 | Respondent phone number [pre-filled] |  |
| 05 | Call attempt [Surveyor to enter this] | [1-3] |
| 06 | Programme [pre-filled] |  |
| 07 | Date of survey |  |
| 08 | Interview start time |  |  |
| 09 | Interview end time |  |  |
| 10 | Surveyor, does the pre-fill information match the checklist? | 1. Yes
2. No -> Check that you entered respondent’s [name/id/number] correctly
 |  |
| 11 | What is the phone call status? | 1. Call answered -> Section A. Informed Consent
2. Phone off
3. Not answering
4. Busy
5. Wrong number
6. Out of service
7. Pre-filled information does not match
 |  |
| 12 | Attempt the call again later?Note for surveyor: If the respondent does not answer, has poor signal or is busy now but will be available later, select Yes. If the respondent does not consent or has a different name to that in 01, select No. | 1. Yes
2. No
 |  |

**Section A: Informed Consent**

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| --- | --- | --- | --- |
| **Question Number** | **Question** | **Answer** | **Adapting notes** |
| A1 | Read: Hello, my name is [surveyor name] and I am calling from the [Ama Krushi] service, provided by the [Odisha government] and [Precision Agriculture for Development India Foundation (PADIF)]. Am I speaking to [name in 02]?Note for surveyor: If the person you are speaking to is not [name in 02], please request to talk to [name in 02]. | 1. Yes → A2
2. No → A5
3. Name does not match database. -> A5
4. Don’t know/prefer not to answer → A5
 | Adapt name of service and providing partners based on local context. |
| A2 | Read: We are conducting a survey about the novel coronavirus and its impact on farmers. We would like to ask you some questions about the virus and your perceptions and response as well as impact on your agricultural practices. The survey should take 15 minutes to complete and the information you provide will remain confidential and never connected to you. Your responses will be stored safely and only accessed by a few researchers. Your participation may not benefit you directly, but may benefit others as your responses may inform the response to COVID-19. Your participation is completely voluntary, and there are no penalties for refusing to participate or stopping participation. If you have questions, you can ask them at any time. You may also contact the [Ama Krushi] helpline (number).Do you have any questions now? | 1. Yes
2. No
 | Adapt name of service and providing partners based on local context. |
| A2.1 | Do you understand everything I have explained? | 1. Yes
2. No → A5
 |  |
| A3 | How old are you?*SURVEYOR NOTE:* If the respondent is younger than 18 years’ old, thank them for their time, explain that you cannot survey youths and end the survey. If the respondent is older than 18 years’ old, continue the survey.If respondent refuses to share their age, explain that you cannot continue without this. If they still refuse, enter ‘-98’, thank them for their time and move to A5. | [Integer] |  |
| A4 | Do you agree to participate in this survey today? | 1. Yes -> Next section
2. No-> A5
 |  |
| A5 | Reason for incomplete survey | 1. Confidentiality concerns
2. No time
3. Respondent did not understand survey
4. Respondent too young or did not share age
5. Refused to confirm identity
6. Wrong respondent
7. Bad signal/could not hear respondent
8. Other (specify) \_\_\_\_\_
 |  |

**Section B: Demographics**

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| Read: We will begin by asking you a few questions about yourself and your household. Please feel free to say “don’t know” or “prefer not to answer” if you are not comfortable sharing. |
| **N** | **Question** | **Answer** | **Adapting notes** |
| B1 | District  |  | Select country specific and relevant location variables if unavailable in profiling data. Else, prefilled from profiling. |
| B2 | Block |  |
| B3 | Panchayat |  |
| B4 | Village  |  |
| B5 | Gender | 1. Male
2. Female

98. Don’t know/prefer not to answer |  |

**Section C: Market**

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| Read: In this section, we would like to ask you about your farming practices and activities. Please note that this is just based on your impressions, there is no right or wrong answer. |
| C1 | What is the most important crop that your household grows (in the current season)? | [crop list], N/A (Off-season) → C15 |  |
| The following questions refer to the crop you mentioned in C1. |
| C2 | In which phase of the crop cycle are you? | 1. Land preparation
2. Planting
3. Crop on the farm: Applying inputs, weeding
4. Harvesting
5. Selling

96. None of the above (off season) → C6 98. Don’t know/prefer not to answer→ C6 |  |
| Note to surveyor: These next questions all ask about the respondent’s activities relative to the same season last year. Please do not read the option choices out, but instead wait for the respondent to answer and then select the appropriate option.If the respondent does not understand, you can prompt them by asking, “how many days did you spend on this activity this season? Last year, did you spend the same days or more or less?” |
| C3 | Relative to the same season in the last year, how many days did you and your household members spend on this phase on your farm/field? | 1. I was not allowed to go to the farm this year
2. Much fewer days, lowest number of days in past 5 years
3. Fewer days
4. About the same
5. More days
6. Many more days, highest number of days in past 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C4 | Relative to the same season in the last year, how many days did you hire workers to work on this phase on your farm? | 1. I was not allowed to hire other people on my farm this year.
2. Much fewer days, lowest number of days in past 5 years
3. Fewer days
4. About the same
5. More days
6. Many more days, highest number of days in past 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C5 | Relative to the same season in the last year, how many days did you and your household members spend on this phase on other people's farms (including plantations)? | 1. I was not allowed to work on other people’s farm this year
2. Much fewer days, lowest number of days in past 5 years
3. Fewer days
4. About the same
5. More days
6. Many more days, highest number of days in past 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C6 | Have you visited an agro-dealer or market to purchase any key agricultural inputs in the last two weeks? | 1. Yes → C7
2. No → *C11*

98. Don’t know/prefer not to answer |  |
| C7 | Which key inputs have you purchased in the last two weeks?Note: Please select maximum 3.  | 1. Fertilizer
2. Seeds
3. Pesticide
4. Other, please specify.
5. Don’t know/prefer not to answer
 | Please add options for inputs according to project context. |
| C7.1 | If other, please specify. | [text] |  |
| C8 | How much of [key input] did you purchase?  | [integer] [unit]] |  |
| C9 | How much did you pay for that amount? | [Integer]] |  |
| C10 | Relative to the same season last year, how does this price compare? | 1. Much lower, lowest price in the last 5 years.
2. Lower
3. About the same
4. Higher
5. Much higher, highest price in the last 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C11 | Relative to the same season in the last year, how many seeds and inputs (e.g. fertilizer, chemicals) have you used (do you plan to use) for your farm for this crop? | 1. Not allowed to go buy inputs
2. Inputs are not available
3. Much fewer, fewest amount in the past 5 years
4. Fewer
5. About the same
6. More
7. Much more, highest amount in past 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C12 | Relative to the same season in the last year, how much have you harvested (do you expect to harvest) for your farm for this crop? | 1. Not allowed to go harvest.
2. Much less, lowest amount in past 5 years
3. Less
4. About the same
5. More
6. Much more, highest amount in past 5 years

96. Not applicable98. Don’t know/prefer not to answer |  |
| C13 | Relative to the same season in the last year, how are /do you expect prices for this crop? | 1. Much lower, lowest price in the last 5 years.
2. Lower
3. About the same
4. Higher
5. Much higher, highest price in the last 5 years

98. Don’t know/prefer not to answer |  |
| C14 | Are you/do you expect to be able to sell your crop in the locations/markets where you usually sell it? | 1. Yes
2. No, but I expect to find other channels to sell all my crop
3. No, I will likely not be able to sell all my crop
4. No, I will likely not be able to sell any of my crop
5. Don’t sell/don’t want to sell

98. Don’t know/prefer not to answer |  |
| C15 | In the last 30 days, have you had to do any of the following? [select all that apply] | 1. Temporarily migrated back to my original home place
2. Permanently migrated back to my original home place
3. Left your farm fallow
4. Change crops grown on your farm
5. Find another job/earning occupation
6. Spent savings to cover living expense
7. Borrowed money to cover living expenses
8. Sold assets to cover living expenses
9. Relied on the help of [extended] family members to cover living expenses

98. Don’t know/prefer not to answer |  |
| C16 | Do you have space to store your harvest? | 1. Yes → C16
2. No → Move to C19
 | Optional |
| C17 | What storage space do you have?*Note: multiple options allowed.* | 1. I can store it in the field
2. I can store it in my house
3. I can store in community place
4. I can store it at someone else’s house
5. I can rent out a place to store my harvest

 97. Others, specify 98. Don’t know/Don't want to answer | Optional |
| C18 | How much produce can you store?Hint: If you have 100 kg of rice, how many kg can you store? | 1. 25% or less
2. 26-50%
3. 51-75%
4. 76% or more
5. Don’t know/Don’t want to answer
 | Optional |
| C19 | What agriculture-related information do you need during the next month?*Note: multiple options allowed.* | 1. Soil Preparation/Soil Testing
2. Seed Selection/Seed Treatment
3. Sowing/Transplanting
4. Nursery Management
5. Fertilizer Application
6. Pest and Disease Management
7. Weed Management
8. Irrigation
9. Harvesting
10. Post-Harvest Management
11. Crop prices/market demand
12. Weather
13. Government Schemes & Relief programmes
14. Labor availability
15. Preparation of fertilizers/pesticides at home
16. Input availability and prices
17. Market/ agro-dealer closures
18. No preference
19. Other, please specify → C18.1
20. Does not require any information
 | Add additional options depending on context  |
| C19.1 | If other, please specify. |  |  |

**Section D: Consumption**

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| Read: We would like to ask you a few questions about food availability and consumption.  |
| D1 | Read: In the past 7 days, have you or any household member experienced any of the following cases?  | 1. Difficulties in going to food markets due to mobility restrictions imposed by government
2. Difficulties in buying food due to most food markets being closed
3. Unable to buy the amount of food my household and I usually consume because of shortages in the markets I buy from
4. Unable to buy the amount of food my household and I usually consume because the price of food was too high
5. Unable to buy the amount of food my household and I usually consume become my household income has dropped
6. Had to reduce the number of meals and/or the portion of each meal my household and I would usually eat

98. Don’t know/prefer not to answer |  |
| D2 | Did you attempt to buy [insert staple] in the last 7 days? | 1. Yes -> D3
2. No -> D7
3. Don’t know/ prefer not to answer
 | For questions D2-D5, insert 1-3 staple food commodities  |
| D3 | Was [insert staple] available in the market/store? | 1. Yes -> D4
2. No ->D7
3. Don’t know/ prefer not to answer
 |  |
| D4 | How would you describe the price of [insert staple] in the last 7 days? | 1. Very low (lowest in 5 years)
2. Low
3. Normal
4. High
5. Very high (highest in 5 years)
6. Don’t know/prefer not to answer
 |  |
| D5 | How much [insert staple] did you buy? | [Integer] [Unit] | Please specify units. |
| D6 | What was the price that you paid for that amount? | [Integer] |  |
| D7 | What percentage of your daily household food consumption comes from your own land or from your kitchen garden? | 1. None
2. < 25%
3. 25-50%
4. 50-75%
5. >75%
6. Don’t know/prefer not to answer
 | Optional. |
| D8 | Would you be interested in receiving advisory messages for your kitchen garden? | 1. Yes
2. No
3. Don’t know/prefer not to answer
 | Optional (context dependent) |

**Section E: Behaviour**

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| Read: We would now like to ask you a few questions about your behavior in the last 7 days.  |
| E1 | Have you been able to practice social distancing to keep a distance of two meters from other people in the last 7 days? Please note that this refers to people outside your immediate residential household.  | 1. Yes -> Next section
2. No -> E2

98. Don’t know/prefer not to answer | Adjust wording of the question based on country-specific guidelines. |
| E2 | In which situations were you unable to practice social distancing? [Please select all that apply] | 1. Working in the fields
2. Farming-related activities outside the house e.g. procuring input or selling crops
3. Other work
4. Going to the market for food
5. Going to the pharmacy
6. Going to the hospital / receiving medical treatments
7. Taking care of dependents
8. Meeting friends or relatives
9. Attending a function (wedding, funeral, temple)
10. Becoming tired of being indoors
11. Other, please specify → E2.1
12. Don't know/doesn’t want to respond.
 | Add additional options depending on context  |
| E2.1 | If other, please specify. | [text] |  |

 **Section F: Knowledge**

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| Read: We would like to ask you some questions about the coronavirus.  |
| F1 | Have you heard about the coronavirus or COVID-19? | 1. Yes → F2
2. No → Next section
3. Don’t know/prefer not to answer → Next section
 |  |
| F2 | What are the key symptoms of coronavirus?[Do not prompt the respondent.] | 1. Fever
2. Dry cough
3. Persistent cough
4. Tiredness/fatigue
5. Difficulty breathing
6. Other, please specify → F2.1

98. Don’t know/prefer not to answer |  |
| F2.1 | If other, please specify.[For surveyor: separate options with a comma] |  |  |
| F3 | What are the top ways to prevent the spread of the coronavirus? [For surveyor: please select as many as they state] | 1. Washing hands often
2. Washing hands often with soap
3. Coughing or sneezing into a napkin/elbow
4. Avoid touching eyes, nose and mouth
5. Keeping distance from others/ avoiding crowded areas/ avoiding physical contact (handshakes etc.)
6. Remaining at home/ avoiding non-essential travel
7. Other, please specify → F3.1
8. Don’t know/prefer not to answer
 |  |
| F3.1 | If other, please specify.[For surveyor: separate options with a comma] |  |  |

**Section G: Perception**

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| Read: This first question is in reference to your own situation. Please answer from your own perspective with regards to yourself and your family. |
| G1 | What concerns you most about the coronavirus?[Select up to 3] | 1. I’m not concerned about coronavirus
2. Contracting the disease myself
3. A member of my family contracting the disease
4. Not being able get inputs for my farm
5. Not being able to sell my crops
6. Not having enough work/wage income
7. Not having enough food for the household
8. Not being able send my children to school

97. Other, specify1. Don’t know/prefer not to answer
 |  |
| Read: This next part focuses on your perception of public health services and the government’s reaction to the situation. Please answer honestly and remember that this will be kept completely confidential.  |
| G2 | How effective do you think social distancing measures are (e.g., through a general lockdown) for slowing down the spread of the coronavirus?  | 1. Not at all effective
2. Slightly effective
3. Neither effective nor ineffective
4. Somewhat effective
5. Very effective
6. Don’t know/prefer not to answer
 |  |
| G3 | What measures have been implemented in your village? [Please select multiple] | 1. Schools are closed
2. Non-essential businesses and shops closed
3. Instructed not to leave home
4. Transport services shut
5. Government offices are closed
6. Temples/religious areas closed
7. Other, please specify.
8. Don’t know/prefer not to answer
 | Add additional options depending on context. |

**Section H**

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| Read: We have a few final questions regarding your overall thoughts. |
| H1 | Would you be interested in receiving digital updates about the coronavirus (for example, a weekly pushcall) in addition to the information sources you already have? | 1. Yes → H2
2. No → H3
3. Don’t know/prefer not to answer → H3
 |  |
| H2 | What types of information do you think would be useful for you to receive. PAD will coordinate with our (government) partners and make every effort to provide you the information you request, but we cannot promise at this point whether and when we will add the content on coronavirus[Please select multiple] | 1. Public health advice, including prevention and symptoms
2. Updates about government policies and measures, e.g. lockdown
3. News-style updates about number of cases, number of recovered, etc. in the country.
4. Agricultural/market related advisory
5. Other, please specify → H2.1
 | Add additional options depending on context. |
| H2.1 | If other, please specify. | [text] |  |
| H3 | Do you have any other concerns or thoughts on this situation that you would like to share? | 1. Yes → H4
2. No → H5
 |  |
| H4 | What are the concerns or thoughts you would like to share? | [text] |  |
| Read: We would now like to ask you two short questions about your health.  |
| H5 | In the last two weeks, have you experienced fever? | 1. Yes
2. No
3. Don’t know/prefer not to answer
 |  |
| H6 | In the last two weeks, have you experienced an unusual dry cough and/or difficulty breathing/shortness of breath? | 1. Yes
2. No
3. Don’t know/prefer not to answer
 |  |
| Read: We have now completed the survey. Thank you for your time.  |
| H7 | For surveyor: Was survey completed? | 1. Yes
2. No
 |  |