

## 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).

## KENYA DAIRY SURVEY

### Section 0: Pre-survey administration

N	Question	Answer	Adapting notes
01	Mobile number		
02	Respondent name		
03	Programme		
04	Surveyor name		
05	Date of survey		
06	Interview start time		
07	Interview end time		

### Section A: Informed Consent

Question Number	Question	Answer	Adapting notes

A1	<p><u>Read:</u> Hello, my name is [surveyor name] and I am calling from Precision Agriculture for Development ]. Am I speaking to [name in 02]?</p> <p><u>Note for surveyor:</u> If the person you are speaking to is not [name in 02], please request to talk to [name in 02].</p>	<ol style="list-style-type: none"> <li>1. Yes → A2</li> <li>2. No → A5</li> <li>3. Name does not match database. -&gt; A5</li> <li>4. Don't know/prefer not to answer → A5</li> </ol>	Adapt name of service and providing partners based on local context.
A2	<p><u>Read:</u> We are conducting a survey about the coronavirus, or COVID-19, and its impact on farmers. We would like to ask you some questions about the virus and your perceptions and response. The survey should take 20 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. Please feel free to contact our customer care with any queries or concerns at 0798 739 889.</p> <p>Do you have any questions now?</p>	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Adapt name of service and providing partners based on local context.
A2.1	Do you understand everything I have explained?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No → A5</li> </ol>	
A3	<p>How old are you?</p> <p><i>SURVEYOR NOTE:</i> 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.</p>	[Integer]	
A4	Do you agree to participate in this survey today?	<ol style="list-style-type: none"> <li>1. Yes -&gt; Next section</li> <li>2. No-&gt; A5</li> </ol>	

A5	Reason for incomplete survey	<ol style="list-style-type: none"> <li>1. Confidentiality concerns</li> <li>2. No time</li> <li>3. Respondent did not understand survey</li> <li>4. Respondent too young or did not share age</li> <li>5. Refused to confirm identity</li> <li>6. Wrong respondent</li> <li>7. Respondent did not pick up after 3 attempts</li> <li>8. Bad signal/could not hear respondent</li> <li>9. Phone unreachable</li> <li>97. Other (specify) _____</li> </ol>	
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### Section B: Demographics

<p><u>Read:</u> 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.</p>			
N	Question	Answer	Adapting notes
B1	County		Select country specific and relevant location variables if unavailable in profiling data.
B2	Constituency		
B3	Ward		
B4	Village		
B5	Gender	<ol style="list-style-type: none"> <li>1. Male</li> <li>2. Female</li> </ol> <p>98. Don’t know/prefer not to answer</p>	

### Section C-Alternative: Dairy Farming

<p><u>Read:</u> 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.</p>
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C1	Do you practice dairy farming?	<ol style="list-style-type: none"> <li>1. Yes → C2</li> <li>2. No → D1</li> </ol>	
C2	Relative to the same month last year, how many days did you and your household members spend practicing dairy farming or related activities on your own farm/field?	<ol style="list-style-type: none"> <li>1. I was not allowed to go to the farm this year</li> <li>2. Much fewer days, lowest number of days in past 5 years</li> <li>3. Fewer days</li> <li>4. About the same</li> <li>5. More days</li> <li>6. Many more days, highest number of days in past 5 years</li> </ol> <p>777. Not applicable</p> <ol style="list-style-type: none"> <li>1. 98. Don't know/prefer not to answer</li> </ol>	
C3	Relative to the same month last year, how many days did you hire workers to help with dairy farming on your farm?	<ol style="list-style-type: none"> <li>1. I was not allowed to hire other people on my farm this year.</li> <li>2. Much fewer days, lowest number of days in past 5 years</li> <li>3. Fewer days</li> <li>4. About the same</li> <li>5. More days</li> <li>6. Many more days, highest number of days in past 5 years</li> </ol> <p>777. Not applicable</p> <p>98. Don't know/prefer not to answer</p> <ol style="list-style-type: none"> <li>2.</li> </ol>	
C4	Relative to the same month last year, how many days did you and your household members spend on dairy farming or related activities on other people's farms (including plantations)?	<ol style="list-style-type: none"> <li>1. I was not allowed to work on other people's farm this year</li> <li>2. Much fewer days, lowest number of days in past 5 years</li> <li>3. Fewer days</li> <li>4. About the same</li> <li>5. More days</li> <li>6. Many more days, highest number of days in past 5 years</li> </ol> <p>777. Not applicable</p> <ol style="list-style-type: none"> <li>3. 98. Don't know/prefer not to answer</li> </ol>	

C5	Have you visited an agrovet (including that attached to the dairy where you deliver milk) or market for purchasing any inputs/advice in the last two weeks?	<ol style="list-style-type: none"> <li>1. Yes → C6</li> <li>2. No → C9</li> </ol>	This section may need to be modified as per local context - what shops/places farmers visit for inputs and the different conditions they may face.
C6	Which key inputs have you purchased in the last two weeks?	<ol style="list-style-type: none"> <li>1. Dairy feed /mineral salt</li> <li>2. Animal medications</li> <li>3. Milking salve</li> <li>4. Other, specify. → C6.1</li> <li>5. Don't know/prefer not to answer</li> <li>6.</li> </ol>	
C6.1	If other, please specify.		
C7	How much of the [key input] did you purchase?	[integer & unit]	
C8	How much did you pay for this amount? (in Ksh)	[integer]	
C9	Have any of your cows fallen ill in the past two weeks?	<ol style="list-style-type: none"> <li>1. Yes → C10</li> <li>2. No → C11</li> </ol>	
C10	What illness did you observe?	<ol style="list-style-type: none"> <li>1. Mastitis</li> <li>2. Lumpy Skin Disease (LSD)</li> <li>3. Foot-and-Mouth Disease (FMD)</li> <li>4. East Coast Fever / Theileriosis</li> <li>5. Brucellosis</li> <li>6. Anthrax</li> <li>7. Pneumonia</li> <li>8. Nagana</li> <li>97. Other, specify → C10.1</li> <li>98. Refuse to answer</li> <li>99. Don't know</li> </ol>	May need to adapt for common diseases in the local context.
C10.1	If other, please specify.		
C11	Have you used veterinary services in the past two weeks?	<ol style="list-style-type: none"> <li>1. Yes → C12</li> <li>2. No → C14</li> </ol>	

C12	What service did you purchase?	[text]	
C13	How much did you pay for that service? (in Ksh)	[integer]	
C14	Have you used artificial insemination services in the past two weeks?	1. Yes → <b>C15</b> 2. No → <b>C17</b>	
C15	What product did you purchase?	[text]	
C16	How much did you pay for that product? (in Ksh)	[integer]	
C17	Relative to the same month last year, how many dairy inputs (e.g. mineral salts/dairy feeds, animal medications, milking salve, etc.) have you used (or do you plan to use) this year?	1. Not allowed to go buy inputs 2. Inputs are not available 3. Much fewer 4. Fewer 5. About the same 6. More 7. Much more 777. Not applicable 1. 98. Don't know/prefer not to answer	
C18	Relative to the same month last year, how often have you used veterinary/AI services (or do you plan to use) this year?	1. Not allowed to go buy inputs 2. Inputs are not available 3. Much fewer 4. Fewer 5. About the same 6. More 7. Much more 777. Not applicable 8. 98. Don't know/prefer not to answer	
C19	Relative to the same month last year, how much milk have you produced this year?	1. Not producing 2. Much less (lowers production in the last 5 years) 3. Slightly less 4. About the same 5. Slightly more 6. Much more (highest production in the last 5 years) 2. 777. Not applicable 3. 98. Don't know/prefer not to answer	

C20	Relative to the same month last year, how do milk prices compare?	<ol style="list-style-type: none"> <li>1. Much lower, lowest price in the last 5 years.</li> <li>2. Lower</li> <li>3. About the same</li> <li>4. Higher</li> <li>5. Much higher, highest price in the last 5 years</li> <li>4. 98. Don't know/prefer not to answer</li> </ol>	
C21	In the last 30 days, have you had to do any of the following?  [select all that apply]	<ol style="list-style-type: none"> <li>1. Temporarily migrated back to my original home place</li> <li>2. Permanently migrated back to my original home place</li> <li>3. Sold animals</li> <li>4. Started crop farming for supplemental income</li> <li>5. Find another job/earning occupation</li> <li>6. Spent savings to cover living expense</li> <li>7. Borrowed money to cover living expenses</li> <li>8. Sold assets to cover living expenses</li> <li>9. Relied on the help of [extended] family members to cover living expenses</li> <li>5. 98. Don't know/prefer not to answer</li> </ol>	
C22	Do you use store feed for your cows?	<ol style="list-style-type: none"> <li>1. Yes → C13</li> <li>2. No → D12</li> </ol>	
C23	What storage space do you have?	<ol style="list-style-type: none"> <li>1. I do not have storage space</li> <li>2. I can store it in the field</li> <li>3. I can store it in my house</li> <li>4. I can store in community place</li> <li>5. I can store it at someone else's house</li> <li>6. I can rent out a place to store my harvest</li> <li>97. Others, specify</li> <li>98. Don't know/Don't want to answer</li> </ol>	
C24	How much storage capacity do you have (in kgs)?	[interger]	

C25	What other concerns do you have about dairy production this season?  SURVEYOR: If 'none', leave blank	[text]	
C26	What dairy-related information do you need during the next month?  [Please select all that apply.]	<ol style="list-style-type: none"> <li>1. Breed Selection/AI</li> <li>2. Hygiene &amp; Cleanliness</li> <li>3. Animal Husbandry</li> <li>4. Disease Management</li> <li>5. Water Management</li> <li>6. Milk Prices/Market Demand</li> <li>7. Weather</li> <li>8. Government Schemes &amp; Relief Programmes</li> <li>9. Labor Availability</li> <li>10. Preparation of Feed &amp; Fodder at Home</li> <li>11. Nutrition</li> <li>12. Input Availability and Prices</li> <li>13. Market/ Agro-Dealer Closures</li> <li>97. Other, please specify → D9.1</li> <li>99. Does not require any information</li> </ol>	Add additional options depending on context
C26.1	If other, please specify.		

### Section D: Consumption

<u>Read:</u> We would like to ask you a few questions about food availability and consumption.			
D1	<u>Read:</u> In the past 7 days, have you or any household member experienced any of the following cases?	<ol style="list-style-type: none"> <li>1. Difficulties in going to food markets due to mobility restrictions imposed by government</li> <li>2. Difficulties in buying food due to most food markets being closed</li> <li>3. Unable to buy the amount of food I usually consume because of shortages in the markets I buy from</li> </ol>	

		<ul style="list-style-type: none"> <li>4. Unable to buy the amount of food I usually consume because of shortages in the markets I buy from</li> <li>5. Unable to buy the amount of food I usually consume because the price of food was too high</li> <li>6. Unable to buy the amount of food I usually consume because my household income has dropped</li> <li>7. Had to reduce the number of meals and/or the portion of each meal I would usually eat</li> <li>98. Don't know/prefer not to answer</li> </ul>	
D2	Did you attempt to buy maize flour in the last 7 days?	<ul style="list-style-type: none"> <li>1. Yes -&gt; D3</li> <li>2. No -&gt; D7</li> <li>98. Don't know/ prefer not to answer</li> </ul>	For questions D2-D5, insert 1-3 staple food commodities
D3	Was maize flour available in the market / store?	<ul style="list-style-type: none"> <li>1. Yes -&gt; D4</li> <li>2. No -&gt;D7</li> <li>98. Don't know/ prefer not to answer</li> </ul>	
D4	How would you describe the price of maize flour in the last 7 days?	<ul style="list-style-type: none"> <li>1. Very low (lowest in 5 years)</li> <li>2. Low</li> <li>3. Normal</li> <li>4. High</li> <li>5. Very high (highest in 5 years)</li> <li>98. Don't know/prefer not to answer</li> </ul>	
D5	How much maize flour did you buy?	[Integer] [Unit]	
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?	<ol style="list-style-type: none"> <li>1. None</li> <li>2. &lt; 25%</li> <li>3. 25-50%</li> <li>4. 50-75%</li> <li>5. &gt;75%</li> <li>98. Don't know/prefer not to answer</li> </ol>	
D8	Would you be interested in receiving advisory messages for your kitchen garden?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>98. Don't know/prefer not to answer</li> </ol>	Optional (context dependent)

### Section E: Behaviour

<p><u>Read:</u> I will now read out a list of behaviours, please select if this applies to your personal behaviour in the last 7 days or not.</p>			
E1	Have you been practicing 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.	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>98. Don't know/prefer not to answer</li> </ol>	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]	<ol style="list-style-type: none"> <li>1. Work in the fields</li> <li>2. Farming-related activities outside the house e.g. procuring input or selling crops</li> <li>3. Other work</li> <li>4. Going to the market for food</li> <li>5. Going to the pharmacy</li> <li>6. Going to the hospital / receiving medical treatments</li> <li>7. Taking care of dependents</li> <li>8. Meeting friends or relatives</li> <li>9. Attending a function (wedding, funeral, temple)</li> <li>10. Becoming tired of being indoors</li> <li>97. Other, please specify → E4.1</li> </ol>	Add additional options depending on context

		98. Don't know/doesn't want to respond.	
E2.1	If other, please specify.	[text]	

### Section F: Knowledge

<u>Read:</u> We would like to ask you some questions about the coronavirus.			
F1	Have you heard about the coronavirus or COVID-19?	<ol style="list-style-type: none"> <li>1. Yes → F2</li> <li>2. No → G1</li> <li>98. Don't know/prefer not to answer → G1</li> </ol>	
F2	<p>What are the key symptoms of coronavirus?</p> <p>[Do not prompt the respondent.]</p>	<ol style="list-style-type: none"> <li>1. Fever</li> <li>2. Dry cough</li> <li>3. Persistent cough</li> <li>4. Tiredness/fatigue</li> <li>5. Difficulty breathing</li> <li>97. Other, please specify → F3.1</li> <li>98. Don't know/prefer not to answer</li> </ol>	
F2.1	<p>If other, please specify.</p> <p>[For surveyor: separate options with a comma]</p>		
F3	<p>What are the top ways to prevent the spread of the coronavirus?</p> <p>[For surveyor: please select as many as they state]</p>	<ol style="list-style-type: none"> <li>1. Washing hands often</li> <li>2. Washing hands often with soap</li> <li>3. Coughing or sneezing into a napkin/elbow</li> <li>4. Avoid touching eyes, nose and mouth</li> <li>5. Keeping distance from others/ avoiding crowded areas/ avoiding physical contact (handshakes etc.)</li> <li>6. Remaining at home/ avoiding non-essential travel</li> <li>97. Other, please specify → F4.1</li> <li>98. Don't know/prefer not to answer</li> </ol>	
F3.1	If other, please specify.		

	[For surveyor: separate options with a comma]		
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### Section G: Perception

Read: This first part is in reference to your own situation. Please answer from your own perspective with regards to yourself and your family.

G1	<p>What concerns you most about the coronavirus?</p> <p>[Select up to 3]</p>	<ol style="list-style-type: none"> <li>1. I'm not concerned about coronavirus</li> <li>2. Contracting the disease myself</li> <li>3. A member of my family contracting the disease</li> <li>4. Not being able get inputs for my farm</li> <li>5. Not being able to sell my crops</li> <li>6. Not having enough work/wage income</li> <li>7. Not having enough food for the household</li> <li>8. Not being able send my children to school</li> <li>97. Other, specify</li> <li>98. Don't know/prefer not to answer</li> </ol>
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Read: We would like to ask your thoughts on community behaviour in your village or area. Please answer based on your perception of others' behavior. To what extent do you agree or disagree with the following statements?

G2	<p>People in my village are worried about the current situation.</p>	<ol style="list-style-type: none"> <li>1. Disagree</li> <li>2. Slightly disagree</li> <li>3. Neither agree nor disagree</li> <li>4. Somewhat agree</li> <li>5. Strongly agree</li> <li>98. Don't know/prefer not to answer</li> </ol>
G3	<p>People in my village are practicing social distancing and/or leaving home less often than usual.</p>	<ol style="list-style-type: none"> <li>1. Disagree</li> <li>2. Slightly disagree</li> <li>3. Neither agree nor disagree</li> <li>4. Somewhat agree</li> <li>5. Strongly agree</li> <li>98. Don't know/prefer not to answer</li> </ol>

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.

G4	<p>How effective do you think social distancing measures are (e.g., through a general lockdown) for slowing down the spread of the coronavirus?</p>	<ol style="list-style-type: none"> <li>1. Not at all effective</li> <li>2. Slightly effective</li> <li>3. Neither effective nor ineffective</li> </ol>
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		<ul style="list-style-type: none"> <li>4. Somewhat effective</li> <li>5. Very effective</li> <li>98. Don't know/prefer not to answer</li> </ul>	
G5	<p>What measures have been implemented in your village?</p> <p>[Please select multiple]</p>	<ul style="list-style-type: none"> <li>1. Schools are closed</li> <li>2. Non-essential businesses and shops closed</li> <li>3. Instructed not to leave home</li> <li>4. Transport services shut</li> <li>5. Government offices are closed</li> <li>6. Temples/religious areas closed</li> <li>97. Other, please specify.</li> <li>98. Don't know/prefer not to answer</li> </ul>	Add additional options depending on context.

### Section H

<u>Read:</u> We have a few final questions regarding your overall thoughts.			
H1	<p>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?</p>	<ul style="list-style-type: none"> <li>1. Yes → H2</li> <li>2. No → H3</li> <li>3. Don't know/prefer not to answer → H3</li> </ul>	
H2	<p>What types of information do you think would be useful for you to receive.</p> <p>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</p> <p>[Please select multiple]</p>	<ul style="list-style-type: none"> <li>1. Public health advice, including prevention and symptoms</li> <li>2. Updates about government policies and measures, e.g. lockdown</li> <li>3. News-style updates about number of cases, number of recovered, etc. in the country.</li> <li>4. Agricultural/market related advisory</li> <li>97. Other, please specify → H2.1</li> </ul>	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?	<ul style="list-style-type: none"> <li>1. Yes → H4</li> <li>2. No → H5</li> </ul>	
H4	What are the concerns or thoughts you would like to share?	[text]	

<u>Read:</u> 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  98. 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  98. Don't know/prefer not to answer	
<u>Read:</u> We have now completed the survey. Thank you for your time.			

**Section Z: Survey Status**

For Surveyor:			
Z1	Was survey completed?	1. Yes 2. No	
Z2	Should the respondent be called back?	1. Yes 2. No	
Z3	Are there any other further notes that you want to add to this survey?  If no, leave blank.	[text]	