

## PAD COVID-19 SURVEY

### 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).

## AGRO DEALER SURVEY

### Section 0: Pre-survey administration

N	Question	Answer	Adapting notes
01	Mobile number [prefilled]		
02	Respondent name [prefilled]		
03	Programme		
04	Surveyor name		
05	Date of survey		
06	Interview start time		
07	Interview end time		
08	Surveyor, does the prefill information match the checklist?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No -&gt; Check that you entered respondent's [name/id/number ] correctly</li> </ol>	
09	What is the phone call status?	<ol style="list-style-type: none"> <li>1. Call answered -&gt; Section A. Informed Consent</li> <li>2. Phone off</li> <li>3. Not answering</li> <li>4. Busy</li> <li>5. Wrong number</li> <li>6. No longer in</li> </ol>	

		service	
		7. Out of service	

### 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 the MoA Info service, provided by the Kenya government and 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>98. 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 novel coronavirus 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,</p>	[Integer]	

	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.		
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>	

**Section B: Demographics**

<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.			
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	1. Male	

		2. Female 98. Don't know/prefer not to answer	
B6	Do you own any vehicle? [Select all that apply]	1. Four-wheel vehicle 2. Motorcycle 3. Non-motorized vehicle 4. No 5. Don't know/prefer not to say	
B7	What percentage of your income is generated by your shop?	1. < 25% 2. 25-50% 3. 50-75% 4. >75% 98. Don't know/prefer not to answer	

### SECTION C: LOCATION AND TIMINGS

	Question	Answer choices
Note	We will begin by asking you a few questions about the location and timings of your shop.	
C1	How many paid employees did your business have at the end of February 2020? (both full-time and part-time, including family members but excluding yourself)	[__ __ __] workers
C2	What were your total annual sales/revenue in 2019?	Currency [ ]
C3	In what kind of area is your shop located?	1. Inside the village 2. Outskirts of the village 3. In the main market in town 4. In the main market in the city 97. Other, Specify
C4	Was your shop open during the last 7 days?	1. Yes, it's always open 2. Yes, it's open everyday but for fewer hours 3. Yes, it's open but not every day 4. I only open the shop on case to case to case basis 5. No, it's always closed
C5	At what time do you open your shop normally?	1. Before 6 a.m. 2. 6 a.m. to 8 a.m. 3. 8 a.m. to 10 a.m. 4. 10 a.m. to 12 noon

		<ol style="list-style-type: none"> <li>5. 12 noon to 2 p.m.</li> <li>6. 2 p.m. to 4 p.m.</li> <li>7. 4 p.m. to 6 p.m.</li> <li>8. 6 p.m. to 8 p.m.</li> <li>9. After 8 p.m.</li> </ol>
C6	At what time have you been opening your shop during the last 7 days?	<ol style="list-style-type: none"> <li>1. Before 6 a.m.</li> <li>2. 6 a.m. to 8 a.m.</li> <li>3. 8 a.m. to 10 a.m.</li> <li>4. 10 a.m. to 12 noon</li> <li>5. 12 noon to 2 p.m.</li> <li>6. 2 p.m. to 4 p.m.</li> <li>7. 4 p.m. to 6 p.m.</li> <li>8. 6 p.m. to 8 p.m.</li> <li>9. After 8 p.m.</li> </ol>
C7	At what time do you close your shop normally?	<ol style="list-style-type: none"> <li>1. Before 6 a.m.</li> <li>2. 6 a.m. to 8 a.m.</li> <li>3. 8 a.m. to 10 a.m.</li> <li>4. 10 a.m. to 12 noon</li> <li>5. 12 noon to 2 p.m.</li> <li>6. 2 p.m. to 4 p.m.</li> <li>7. 4 p.m. to 6 p.m.</li> <li>8. 6 p.m. to 8 p.m.</li> <li>9. After 8 p.m.</li> </ol>
C8	At what time have you been closing your shop during the last 7 days?	<ol style="list-style-type: none"> <li>1. Before 6 a.m.</li> <li>2. 6 a.m. to 8 a.m.</li> <li>3. 8 a.m. to 10 a.m.</li> <li>4. 10 a.m. to 12 noon</li> <li>5. 12 noon to 2 p.m.</li> <li>6. 2 p.m. to 4 p.m.</li> <li>7. 4 p.m. to 6 p.m.</li> <li>8. 6 p.m. to 8 p.m.</li> <li>9. After 8 p.m.</li> </ol>
C9	How many days a week do you usually open your shop?	[Integer]
C8	How many times in the last 7 days was your shop open?	[Integer]
C9	Why is your shop always/partially closed? <i>Note: Ask if C2= 2 or 3</i>	<ol style="list-style-type: none"> <li>1. The government ordered to shut down</li> <li>2. Practising social distancing/lockdown</li> <li>3. No buyer</li> <li>4. No stock</li> <li>97. Other, specify.</li> <li>98. Don't know/doesn't want to respond</li> </ol>

#### SECTION D: INVENTORY

	Question	Answer choices
Note	Do you have any inventory of the following products	

D1	Fertilizer: DAP	1. Yes 2. No
D2	Fertilizer: Potash	1. Yes 2. No
D3	Fertilizer: Urea	1. Yes 2. No
D4	General pesticides	1. Yes 2. No
D5	Bio-pesticides	1. Yes 2. No
D6	Fungicides	1. Yes 2. No
D7	Seeds	1. Yes 2. No
D8	Plant growth regulators	1. Yes 2. No
Note	Do you expect the inventory of the following products to last a month? [Note to surveyor: ask if D1-8 = Yes]	
D9	Fertilizer: DAP	1. Yes 2. No
D10	General pesticides	1. Yes 2. No
D11	Seeds	1. Yes 2. No
Note	Do you expect to be able to restock the inventory next month? [Note to surveyor: ask if D1-8 = No]	
D12	Fertilizer: DAP	1. Yes 2. No
D13	General pesticides	1. Yes 2. No
D14	Seeds	1. Yes 2. No
Note	Have you noticed any change in the average price of these inputs?	
D15	Fertilizer: DAP	1. 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 applicable 98. Don't know/prefer not to answer
D16	General pesticides	1. 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 applicable 98. Don't know/prefer not to answer

**Commented [1]:** +tharigaya@precisionag.org Does this work?

D17	Seeds	<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>96. Not applicable</li> <li>98. Don't know/prefer not to answer</li> </ol>
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### SECTION E: SUPPLY CHAIN

	Question	Answer choices
E1	Where do you typically purchase your inputs from? [Select all that apply]	<ol style="list-style-type: none"> <li>1. Directly from manufacturer</li> <li>2. Appointed distributor dealer</li> <li>3. Wholesale agro-dealer</li> <li>4. Retail agro-dealer</li> </ol>
	Do you communicate with your supplier via mobile phone?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>
E2	Have you needed to restock your inventory of inputs in the last 4 weeks?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No-&gt; E6</li> </ol>
E3	Have you purchased inputs to restock your shop in the last 4 weeks?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No-&gt; E6</li> </ol>
E4	Where did you purchase your inputs from? [Select all that apply]	
E5	How did you receive your inputs?	<ol style="list-style-type: none"> <li>1. Delivered by supplier</li> <li>2. Collected by myself</li> <li>97. Other, please specify</li> </ol>
E6	Relative to the same season last year, how do prices charged by your suppliers 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>96. Not applicable</li> <li>98. Don't know/prefer not to Much lower, lowest price in the last 5 answer</li> </ol>
E3	Relative to the same season last year, how do prices you charge to farmers compare?	<ol style="list-style-type: none"> <li>1. Prices have increased</li> <li>2. Prices have decreased</li> <li>3. Prices have not changed</li> <li>97. Other, please specify</li> <li>98. Don't know/doesn't want to respond</li> </ol>
E3	Has the availability of inputs from wholesalers changed?	<ol style="list-style-type: none"> <li>1. Inputs are available as usual</li> <li>2. Inputs are not available easily: only certain <i>brands</i> are available</li> <li>3. Inputs are not available easily: only certain <i>products</i> are available</li> <li>4. Transportation is not available</li> </ol>

		97. Other, specify. 98. Don't know/doesn't want to respond
E4	Why were you not able to purchase inputs? <i>Note: Ask only if E6 = 2</i>	1. No transportation 2. The high cost of transportation 3. Inputs not available 4. Price of inputs is very high 5. There is no demand in the market 6. Only substandard product is available 97. Others, specify. 98. Don't know/doesn't want to respond
E5	Do you think that you'll be able to cover farmers' demand for inputs for the first season of 2020?	1. Yes → Section F 2. No
E6	Why do you think you won't be able to meet the demand for Kharif sowing?	1.

#### SECTION F: FARMER INTERACTIONS

	Question	Answer choices
	How many customers did you sell inputs to in the last 7 days?	[Integer]
F1	Compared to the same month last year, how has the footfall to your shop been during the last 1 month?	1. Very high footfall 2. High footfall 3. Similar footfall as before 4. Low footfall 5. Very low footfall
F1_2	Why do you think the footfall has increased? <i>Note: Ask if F1=1 or 2</i>	1. Farmer wants to enquire about availability 2. Farmer wants to enquire about prices 3. Farmer wants to stock inputs 97. Others, specify. 98. Don't know/doesn't want to respond
F1_3	Why do you think the footfall has decreased? <i>Note: Ask if F1=4 or 5</i>	1. Everyone is practising social distancing 2. Authorities are not allowing anyone to come outside 3. Farmers are unable to find transport to reach the shop 4. Farmers do not have resources to buy inputs 5. Farmers think the shops are closed 6. The shop is generally closed 97. Others, specify. 98. Don't know/doesn't want to respond
F2	How much footfall do you expect to see next week?	1. Very high 2. High 3. Normal 4. Low 5. Very low
F3	Have you noticed any changes in your sales in the last 7 days?	1. Very high sale 2. High sale



		<ul style="list-style-type: none"> <li>3. A similar amount of sale</li> <li>4. Low sale</li> <li>5. Very low sale</li> </ul>
F3_1	<p>Why do you think your sales have decreased?</p> <p><i>Note: Ask if F3 = 4 or 5</i></p>	<ul style="list-style-type: none"> <li>1. Low availability of inputs</li> <li>2. The higher cost of inputs</li> <li>3. Social distancing</li> <li>97. Others, specify</li> <li>98. Don't know/doesn't want to respond</li> </ul>
F4	<p>How do you think your sales are going to be next week?</p>	<ul style="list-style-type: none"> <li>1. Very high</li> <li>2. High</li> <li>3. Neither high nor low</li> <li>4. Low</li> <li>5. Very low</li> </ul>
F5	<p>How often do you typically receive calls/messages from farmers asking about inputs?</p>	<ul style="list-style-type: none"> <li>1. More than once a day</li> <li>2. Once a day</li> <li>3. Multiple times a week</li> <li>4. Once a week</li> <li>5. Less than once a week</li> </ul>

#### SECTION G: COVID-19 BEHAVIOR

	Question	Answer choices
G1	<p>Have you done anything differently in purchasing stocks for your shop under the current situation?</p>	[text]
G2	<p>Are you doing anything differently in selling inputs to farmers under the current situation?</p>	[text]
G3	<p>Are you doing anything else differently in operation your agroshop under the COVID-19 outbreak?</p>	[text]
G4	<p>What are the biggest challenges under the COVID-19 outbreak in operating your agroshop?</p> <p>[Do not read answer choices]</p>	<ul style="list-style-type: none"> <li>1. Lack of inventory</li> <li>2. Lack of business</li> <li>3. Social distancing regulations</li> <li>4. Not enough customers</li> <li>5. Customers can't pay in cash (or increased sales on credit)</li> <li>6. Limited store hours</li> <li>7. Not being able to find supplies or access suppliers</li> <li>8. Not enough credit</li> <li>9. Being exposed to health risks</li> </ul> <p>97. Other, please specify</p>
G4.1	<p>Please specify</p>	[text]

G5	What concerns you most about the coronavirus?	<ol style="list-style-type: none"> <li>1. I'm not concerned about the 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> </ol> <p>97. Other, specify 98. Don't know/prefer not to answer</p>
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**SECTION Z: SURVEY STATUS**

	<b>Question</b>	<b>Answer choices</b>
End	We have now completed the survey. Thank you for your time	
Z1	Was the survey completed?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>
Z2	Should the respondent be called back?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>
Z3	Are there any other further notes that you want to add to this survey? [If no, leave blank]	[text]