

**MINISTRY OF AGRICULTURE & FOOD SECURITY**  
**FARM-LEVEL QUESTIONNAIRE**  
**ADP-SP ON-FARM MONITORING (Conservation Agriculture – March / April Visit)**

**SECTION A: IDENTIFICATION**

A01	District	1=Balaka 2=Chikwawa 3=Neno 4=Rumphi	<input type="checkbox"/>
A02	EPA Name	EPA Number	<input type="checkbox"/>
A03	Section Name	Section Number	<input type="checkbox"/>
A04	Village Name	Village Number	<input type="checkbox"/>
A05	Household Number	From Household Listing	<input type="checkbox"/>
A06	Date of monitoring visit	Day / Month	<input type="checkbox"/>
A07	Name of respondent (It's important that you speak to the same person who you interviewed for Round 1)		
A08	Gender of respondent	1=Male 2=Female	<input type="checkbox"/>
A09	Relationship to Household Head (HH)	1=HH 2=Husband/Wife of HH 3=Brother/Sister of HH 4= Other (specify)	<input type="checkbox"/>

**SECTION B: PLOT MANAGEMENT INFORMATION**

*Attention Interviewers: You MUST go back to the same plots you visited during the first round of monitoring. Be sure to refer to the same plots with the same numbers; data collected for "PLOT 1" must be for the same plot as the data collected for PLOT 1 during the first round. Making sure you are re-visiting the exact same plots, in the same order, may take some probing. Refer to the Round 1 Questionnaire for identifying information that may help you to establish which plot is which (for example: size of plots, crops grown, etc)*

		Plot 1		Plot 2			
B01	Did any of the maize in this plot fail (will not be harvested) due to lack of rain?	1=Yes 2=No	<input type="checkbox"/>	<input type="checkbox"/>		If 2, ► B03	
B02	OBSERVE: What area of the plot completely failed due to lack of rain?	Record quantity and units. If none, write 00. Use unit codes on page 3.	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	
B03	Was any of the maize in this plot damaged (i.e. wilted, stunted, poorly germinated) due to lack of rain?	1=Yes 2=No	<input type="checkbox"/>	<input type="checkbox"/>			If 2, ► B05
B04	OBSERVE: What area of the plot was damaged due to lack of rain? ATTENTION: do not include area that completely failed. Include here only areas where the crop was damaged but something will still be harvested.	Record quantity and units. If none, write 00. Use unit codes on page 3.	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	
B05	Have you replanted any part of this plot?	1=yes 2=no	<input type="checkbox"/>	<input type="checkbox"/>			If 2, ► B09
B06	On what date did you replant?	Day / Month / Year					
B07	When you re-planted, did you re-plant maize or did you replace it with a different crop?	1=maize 2=cassava 3=sweet potatoes 4=other (specify)	<input type="checkbox"/> Specify: _____	<input type="checkbox"/> Specify: _____			
B08	OBSERVE: what is the size of the replanted area?	Record quantity and units. If none, write 00. Use unit codes on page 3.	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	Quantity <input type="checkbox"/>	Units <input type="checkbox"/>	
B09	Have you weeded the plot? Answer yes even if the crop failed after first weeding.	1=yes 2=No	<input type="checkbox"/>	<input type="checkbox"/>			If 2, ► B18
B10	When did you start the first weeding?	Day / Month	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	How many people were involved and for how many days?	Ask specifically about each category.	People Men Women Boys (<14) Girls (<14)	Days	People Men Women Boys (<14) Girls (<14)	Days	

			Plot 1		Plot 2		
B12	Did you weed a second time?	1=Yes 2=No	<input type="checkbox"/>		<input type="checkbox"/>		If 2, ► B18
B13	When did you start?	Day / Month	_ _ / _ _		_ _ / _ _		
B14	How many people were involved in weeding and for how many days?	Ask specifically about each category.	People		Days		
			Men		Men		
			Women		Women		
			Boys (<14)		Boys (<14)		
			Girls (<14)		Girls (<14)		
B15	Did you weed a third time?	1=Yes 2=No	<input type="checkbox"/>		<input type="checkbox"/>		If 2, ► B18
B16	When did you weed the third time?	Day / Month	_ _ / _ _		_ _ / _ _		
B17	How many people were involved in weeding and for how many days?		People		Days		
			Men		Men		
			Women		Women		
			Boys (<14)		Boys (<14)		
			Girls (<14)		Girls (<14)		
B18	OBSERVE: On a scale of 1 to 4, how well weeded is this plot?	1=completely weed free 2=few weeds 3=quite a lot of weeds 4=completely overtaken by weeds	<input type="checkbox"/>		<input type="checkbox"/>		
B19	OBSERVE: Overall, on a scale of 1 – 4, in which 1 is very unhealthy and 4 is very healthy, how would you rate the maize in this plot?	1=very unhealthy 2=somewhat unhealthy 3=somewhat healthy 4=very healthy	<input type="checkbox"/>		<input type="checkbox"/>		
B20	ASK: How does the health of the maize in this plot compare to the maize you are growing on average (in all plots)?	1=much healthier than average 2=a little more healthy 3=average (other plots similar) 4=a little less healthy 5=much less healthy	<input type="checkbox"/>		<input type="checkbox"/>		

**SECTION C: USE OF CONSERVATION FARMING TECHNOLOGIES**  
Answer the following questions for the same two plots as in Section B above.

			Plot 1		Plot 2		
C01	Have you used any herbicide on this plot?	1=Yes 2=No	<input type="checkbox"/>		<input type="checkbox"/>		If 2, ► C04
C02	Date of herbicide application?	Day / Month	_ _ / _ _		_ _ / _ _		
C03	Method of application	Write in response					
C04	Did you apply mulch to this plot?	1=Yes 2=No	<input type="checkbox"/>		<input type="checkbox"/>		If 2, ► C09
C05	What material did you use for mulch?	1=maize crop residue 2=other crop residue 3=other material (specify)	<input type="checkbox"/>		<input type="checkbox"/>		
C06	DO NOT ASK: Is there still mulch visible on the ground in this plot?	1=Yes 2=No					If 2, ► C09
C07	DO NOT ASK: How much of the ground in this plot is covered by mulch?	Write percent	_ _ _  %		_ _ _  %		
C08	DO NOT ASK: On a scale of 1 to 4, how thickly is the mulch applied?	1=not possible to see ground 2=thickly applied, but some gaps 3=somewhat sparse 4=very sparse, mostly bare ground visible	<input type="checkbox"/>		<input type="checkbox"/>		
C09	Are any small water channels or other evidence of erosion visible in this plot?	1=Yes 2=No	<input type="checkbox"/>		<input type="checkbox"/>		If 2, ► Sect D

0 How severely is the plot affected by erosion? 1=very severely affected (clear loss of topsoil)  
2=somewhat severely affected  
3= mildly affected

**SECTION D: OBSERVATIONS**

Please record observations about the overall health of the crops in each plot, or any other comments here.

Plot 1	Plot 2

**SECTION E: AGRICULTURAL SHOCKS**

Please ask the following questions about ALL maize plots (not just the plots considered above)

E01	Was any maize on any of your plots due to lack of rains?	1=Yes 2=No	<input type="checkbox"/>	If 2, ► D04
E02	In total, how much of the maize you planted completely failed (i.e. nothing will be harvested) due to lack of rain?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	Units <input type="text"/>
E03	In total, how much of the maize you planted was damaged (wilted, stunted, poorly germinated, etc) due to lack of rain? ATTENTION: do not include the area that totally failed. Record here total area where crop is damaged but some harvest will still be possible.	Record quantity and units. Use unit codes below. If none, write 00.	Quantity <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	Units <input type="text"/>
E04	Did you replant maize on any plot?	1=Yes 2=No	<input type="checkbox"/>	If 2, ► D07
E05	Please specify reason for replanting:			
E06	What was the total replanted area?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	Units <input type="text"/>
E07	Has the maize in this plot been affected by army worms?	1=Yes 2=No	<input type="checkbox"/>	If 2, ► End Interview
E08	What size area was affected?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>	Units <input type="text"/>
E09	Within that area, what proportion of the maize was affected?	ANSWER MUST BE BASED ON DIRECT OBSERVATION	<input type="text"/> <input type="text"/> <input type="text"/> %	

**UNIT CODES**

1=Acre      2=Hectares      3=square meters      4=other