

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

**SECTION A: IDENTIFICATION**

A01	District	1=Dedza 2=Mchinji 3=Mzimba 4=Zomba	_
A02	EPA Name	EPA Number	_
A03	Section Name	Section Number	_
A04	Village Name	Village Number	_ _
A05	Household Number	From Household Listing	_ _
A06	Date of monitoring visit	Day / Month	_ _ / _ _
A07	Name of respondent (try to speak to the same person who you interviewed for Round 1)		
A08	Gender of respondent	1=Male 2=Female	_
A09	Relationship to Household Head (HH)	1=HH 2=Husband/Wife of HH 3=Brother/Sister of HH 4= Other (specify)	_

**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	_	_		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	Units	Quantity	Units			
			_ _ _ . _ _	_	_ _ _ . _	_			
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	_	_			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	Units	Quantity	Units			
			_ _ _ . _ _	_	_ _ _ . _	_			
B05	Have you replanted any part of this plot?	1=yes 2=no	_	_			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)	_	Specify: _____	_	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	Units	Quantity	Units			
B09	Have you weeded the plot? Answer yes even if the crop failed after first weeding.	1=yes 2=No					If 2, ▶ B18		
B10	When did you start the first weeding?	Day / Month	_ _ / _ _		_ _ / _ _				
B11	How many people were involved and for how many days?	Ask specifically about each category.		People	Days		People	Days	
				Men			Men		
				Women			Women		
				Boys (<14)			Boys (<14)		
				Girls (<14)			Girls (<14)		

			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	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
B14	How many people were involved in weeding and for how many days?	Ask specifically about each category.	People	Days	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	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
B17	How many people were involved in weeding and for how many days?		People	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 INORGANIC FERTILIZERS

Answer the following questions for the same two plots as in Section B above.

			Plot 1	Plot 2		
C01	Did you apply basal fertilizer to this plot?	1=Yes 2=No	<input type="checkbox"/>	<input type="checkbox"/>	If 2, ► C05	
C02	On what date did you apply the basal dressing?	Day / month	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
C03	How much basal dressing did you apply at each application station?	Record quantity and units 1=teaspoon 2=bottle cap 3=other (specify)	Quantity	Unit	Quantity	Unit
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
C04	How much basal dressing did you apply to the plot in total?	Use Unit Codes on last page.	Quantity	Unit	Quantity	Unit
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
C05	Did you apply top dressing fertilizer to this plot?	1=Yes 2=No	<input type="checkbox"/>	<input type="checkbox"/>	If 2, ► Sect D	
C06	On what date did you apply the top dressing?	Day / month	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> / <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
C07	Was the maize below, above, or at knee height when you applied the top dressing?	1=below knee height 2=at knee height 3=above knee height	<input type="checkbox"/>	<input type="checkbox"/>		
C08	What method did you use to apply the top dressing? ASK FARMER TO DEMONSTRATE.	1=applied at planting station 2=applied in between planting stations 3=other (specify)	<input type="checkbox"/>	<input type="checkbox"/>		

09	How much top dressing did you apply at each application station? <i>ASK FARMER TO SHOW YOU MEASURE USED.</i>	Record quantity and units 1=teaspoon 2=bottle cap 3=other (specify)	Quantity	Unit	Quantity	Unit
			□□ □□□	□	□□ □□□	□
C10	How much top dressing did you apply to the plot in total?	Use Unit Codes on last page.	Quantity	Unit	Quantity	Unit
			□□□	□	□□□	□

**SECTION C: USE OF INORGANIC FERTILIZERS**

Answer the following questions for the same two plots as in Section B above.

			Plot 1		Plot 2		
D01	Date of planting	Day / Month	□□□ / □□□		□□□ / □□□		Where possible take this information from the Round 1 farm monitoring form
D02	Date of first application of manure	Day / Month	□□□ / □□□		□□□ / □□□		
D03	Type of compost manure applied (multiple responses possible)	A=Chinese B=Bokashi C=Chimato D=Pit E=Frame F=Liquid G=Khola H=Other (specify)					
D04	Quantity of compost manure applied	Record both quantity and units. Use Unit codes on last page.	Quantity	Unit	Quantity	Unit	
			□□ □□□	□	□□ □□□	□	
D05	Was compost manure applied to the entire plot?	1=yes 2=No	□□□%		□□□%		If 2, ► D07
D06	To what area was the compost manure applied?	1=acres 2=hectares 3=quare meters	Number	Units	Number	Units	
			□□□ □□□	□	□□□ □□□	□	
D07	Method of application:	1=Buried in split ridge 2=Broadcast 3=Applied at planting station 4=other (specify)	□		□		
D08	How deeply was the manure buried in the ridge?	Centimeters	□□□		□□□		
D09	Did you apply compost manure a second time?	1=Yes 2=No	□		□		If 2, ► Sect E
D10	Date of second application:	Day / month.	□		□		
D11	Type of compost manure applied (multiple responses possible)	A=Chinese B=Bokashi C=Chimato D=Pit E=Frame F=Liquid G=Khola H=Other (specify)					
D12	Quantity of compost manure applied	Record both quantity and units. Use Unit codes below.	Quantity	Unit	Quantity	Unit	
			□□ □□□	□	□□ □□□	□	
D13	Proportion of plot on which manure applied	Percent	□□□%		□□□%		
D14	Method of application:	1=Buried in split ridge 2=Broadcast 3=Applied at planting station 4=other (specify)	□		□		
D15	How deeply was the manure buried in the ridge?	Centimetres	□□□		□□□		

**SECTION E: OBSERVATIONS**

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

Plot 1

Plot 2

**SECTION F: AGRICULTURAL SHOCKS**

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

F01	Was any maize on any of your plots due to lack of rains?	1=Yes 2=No	_		If 2, ► D04
F02	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	Units	
			_ _ _  .  _ _	_	
F03	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	Units	
			_ _ _  .  _ _	_	
F04	Did you replant maize on any plot?	1=Yes 2=No	_		If 2, ► D07
F05	Please specify reason for replanting:				
F06	What was the total replanted area?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity	Units	
			_ _ _  .  _ _	_	
F07	Has the maize in this plot been affected by army worms?	1=Yes 2=No	_		If 2, ► End Interview
F08	What size area was affected?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity	Units	
			_ _ _  .  _ _	_	
F09	Within that area, what proportion of the maize was affected?	ANSWER MUST BE BASED ON DIRECT OBSERVATION	_ _ _  %		

**UNIT CODES**

1=kilograms	2=50 kg bag	3=10L bucket	4=20L bucket	5=ox cart	6=other (specify)
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