MINISTRY OF AGRICULTURE & FOOD SECURITY
ADP-SP ON-FARM MONITORING
QUESTIONNAIRE FOR PEER FARMERS
(Conservation Farming – March / April Visit)

SECTION A: IDENTIFICATION

A01	District	1=Balaka 2=Chikwawa 3=Neno 4=Rumphi	|_|
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 peer farmer		
A08	Gender of peer farmer	1=Male 2=Female	|_|
A09	Relationship to Household Head (HH)	1=HH 3=Brother/Sister of HH 2=Husband/Wife of HH 4= Other (specify)	|_|
A10	Name of HH		

A11 How were you selected to be a peer farmer? Please explain the selection process, and why you were chosen as peer farmer.

A12	Is there a lead farmer for nutrient management in your village?	1=Yes 2=No	|_|
A13	What is the name of the lead farmer?		
A14	Have you ever received training from that lead farmer?	1=Yes 2=No	|_|
A15	How many times have you received training from the lead farmer during the current growing season (August 2009 to date)?	Record number of times.	|_|_|
A16	When was the last time you received training from the lead farmer?	Record month / year	|_|_|/|_|_|
A17	Have you ever received training from the AEDO for this section?	1=Yes 2=No	|_|
A18	How many times have you received training from the AEDO during the current growing season (August 2009 to date)?	Record number of times	|_|_|
A19	When was the last time you received training from the AEDO?	Record month / year	|_|_|/|_|_|

A20 What training have you received during the current growing season?
Please list all trainings in table below. For each training, record description, and indicate the source and the month.

	Description of training	Source of training		
		Name	Code	Month / Year
Training 1:			|_|	|_|_|/|_|_|
Training 2:			|_|	|_|_|/|_|_|
Training 3:			|_|	|_|_|/|_|_|
Training 4:			|_|	|_|_|/|_|_|

Codelist: Information Source
1=MoAFS training   2= NGO   3= AEDC   4=School   5=NASFAM   6=Private sector company   7=Other (specify)

SECTION B: CONSERVATION FARMING KNOWLEDGE

B01	Have you ever heard of conservation agriculture or conservation farming?	1=Yes 2=No			If 2, ▶ B05

	B02	B03		B04	
	Please list all conservation farming technologies you know of	How did you learn about this technology? *Provide name of source and type, using codelist above.*		In what year did you first learn about this technology?	
		Name	Code		
a)					
b)					
c)					
d)					
B05	If not mentioned above, specifically ask: Have you ever heard of pit planting? If yes, complete B03-B04				

SECTION C: CONSERVATION FARMING IN PEER FARMER'S VILLAGE

C01	About what proportion of farm families in your village are familiar with the concept of pit planting?	1=All 2=Most (about 75%) 3=Half (about 50%) 4=Some (about 25%) 5=None	|_|_|_|
C02	About how many farm families in your village have adopted pit planting?	1=All 2=Most (about 75%) 3=Half (about 50%) 4=Some (about 25%) 5=None	|_|_|_|

C03 | Have you trained farmers in this village on pit planting this growing season? Please tell me all activities you did to train farmers in pit planting (i.e. farm visits, group trainings, demonstration sites, etc), what month you did them, and how many farmers were involved.

	Month	Description of activity (note type of compost)	Month	# of farmers involved	Who initiated the training? 1=AEDO 2=Lead farmer 3=Peer farmer 4=Farmers (demand-driven)
a)			|_|_|_|	|_|_|_|	|_|
b)			|_|_|_|	|_|_|_|	|_|
c)			|_|_|_|	|_|_|_|	|_|
d)			|_|_|_|	|_|_|_|	|_|

C04 | What do you think are the most common reasons farmers in this village adopt pit planting? Please list up to 3 reasons.

Reason 1:

Reason 2:

Reason 3:

C05 | What do you think are the most common reasons farmers in this village *do not* adopt pit planting? Please list up to 3 reasons.

Reason 1:

Reason 2:

Reason 3:

SECTION D: PLOT MANAGEMENT INFORMATION

			Plot 1		Plot 2	
D01	Did you use planting pits in any of your plots?	1=Yes 2=No	|__|		If 2 ▶ **D03**. You must still do site visits. Choose to visit any 2 plots where the farmer is growing maize.	
	How many plots did you apply compost manure to?	Number of plots	|__|		If 1 or 2 plots, visit each and fill out the rest of **Sect B**. If more than 2, choose 2 to visit.	

			Plot 1		Plot 2	
			Quantity	Unit	Quantity	Unit
D02	Area of plot (THIS SHOULD BE PACED! FARM VISIT REQUIRED!)	Record both quantity and units. 1=Acres 2=Hectares	|__|.|__|__|__|	|__|	|__|.|__|__|__|	|__|
D03	How is the land prepared on this plot?	1=Planting Pits 2=Minimum Tillage 3=Zero Tillage 4=Flat, tilled 5=Other (specify)	|__|		|__|	
D04	How far apart are the ridges?	Cms	|__|__|__|		|__|__|__|	
D05	Are ridges aligned along the contour?	1=Yes 2=No	|__|		|__|	
D06	On what date did you plant this plot?	Day/ month	|__|__|/|__|__|		|__|__|/|__|__|	
D07	What crops have you planted in this plot?	Use crop codes (last page).	Crop 1: |__|__| Crop 2: |__|__| Crop 3: |__|__|		Crop 1: |__|__| Crop 2: |__|__| Crop 3: |__|__|	
D08	Date of plant emergence?		|__|__|/|__|__|		|__|__|/|__|__|	
D09	How many maize plants per planting station?	COUNT MAIZE PLANTS	|__|		|__|	
D10	What is the distance between planting stations?	Cms	|__|__|__|		|__|__|__|	
D11	Have you weeded the plot? *Answer yes even if the crop failed after first weeding.*	1=yes 2=No				If 2, ▶ **D22**
D12	When did you start the first weeding?	Day / Month	|__|__|/|__|__|		|__|__|/|__|__|	

D13	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)			

D14	Did you weed a second time?	1=Yes 2=No	|__|		|__|	If 2, ▶ **D22**
D15	When did you start?	Day / Month	|__|__|/|__|__|		|__|__|/|__|__|	

D16	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)			

D17	Did you weed a third time?	1=Yes 2=No	|__|		|__|	If 2, ▶ **D22**

			Plot 1			Plot 2			
D18	When did you weed the third time?	Day / Month	|_|_|/|_|_|			|_|_|/|_|_|			

			Plot 1			Plot 2			
				People	Days		People	Days	
D19	How many people were involved in weeding and for how many days?		Men			Men			
			Women			Women			
			Boys (<14)			Boys (<14)			
			Girls (<14)			Girls (<14)			
D20	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	|_|			|_|			
D21	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	|_|			|_|			
D22	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	|_|			|_|			

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

			Plot 1	Plot 2	
E01	Have you used any herbicide on this plot?	1=Yes 2=No	|_|	|_|	If 2, ► C04
E02	Date of herbicide application?	Day / Month	|_|_|/|_|_|	|_|_|/|_|_|	
E03	Method of application	Write in response			
E04	Did you apply mulch to this plot?	1=Yes 2=No	|_|	|_|	If 2, ► C09
E05	What material did you use for mulch?	1=maize crop residue 2=other crop residue 3=other material (specify)	|_|	|_|	
E06	DO NOT ASK: Is there still mulch visible on the ground in this plot?	1=Yes 2=No			If 2, ► C09
E07	DO NOT ASK: How much of the ground in this plot is covered by mulch?	Write percent	|_|_|_| %	|_|_|_| %	
E08	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	|_|	|_|	
E09	Are any small water channels or other evidence of erosion visible in this plot?	1=Yes 2=No	|_|	|_|	If 2, ► Sect D
E10	How severely is the plot affected by erosion?	1=very severely affected (clear loss of topsoil) 2=somewhat severely affected 3= mildly affected	|_|	|_|	

SECTION F: PIT PLANTING
Ask these questions if the farmers is using planting pits in the plot . Note that the questions refer to the same plots from previous section. **IF THIS FARMER WAS INTERVIEWED DURING MONITORING ROUND 1, THIS SECTION CAN BE SKIPPED**

			PLOT 1	PLOT 2
F01	Slope of land	1=Very steep 2=Moderately steep 3=Flat	|_|	|_|
F02	Are the pits aligned along the contour?	1=Yes 2=No	|_|	|_|
F03	Are the planting pits staggered (layout)?	1=Yes 2=No	|_|	|_|
F04	What crop(s) were planted in the pits?	Use crop codes below.	Crop 1: |__|__| Crop 2: |__|__|	Crop 1: |__|__| Crop 2: |__|__|
F05	How many seeds were planted in each pit?	Number of seeds, by crop	Crop 1: |__|__| Crop 2: |__|__|	Crop 1: |__|__| Crop 2: |__|__|
F06	Are any other crops planted around the pits?	1=Yes 2=No	|_|	|_|
F07	Specify crop	Use crop codes below	Crop 1: |__|__| Crop 2: |__|__|	Crop 1: |__|__| Crop 2: |__|__|
F08	Is the size of the pits consistent?	1=Yes 2=No	|_|	|_|

			Length	Width	Depth	Length	Width	Depth
F09	Dimensions of pits:	MEASURE DIRECTLY centimeters	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|	|__|__|

			PLOT 1	PLOT 2
F10	Is spacing of pits consistent?	ANSWER BY DIRECT OBSERVATION 1=Yes 2=No	|_|	|_|
F11	How far apart are the pits (from center to center)?	MEASURE DIRECTLY centimeters	|__|__|__|	|__|__|__|

			People	Days	People	Days
F12	How many people for how many days worked to prepare the pits?	Number of people and number of days.	|__|__|	|__|__|	|__|__|	|__|__|

			PLOT 1	PLOT 2
F13	How much of the work was done by women?	Percentage	|__|__| %	|__|__| %

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

Plot 1	Plot 2

SECTION H: AGRICULTURAL SHOCKS
Please ask the following questions about ALL maize plots (not just the plots considered above)

H01	Was any maize on any of your plots due to lack of rains?	1=Yes 2=No		|_|		If 2, ► H04
H02	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 |_|	
H03	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 |_|	
H04	Did you replant maize on any plot?	1=Yes 2=No		|_|		If 2, ► H07
H05	Please specify reason for replanting:				
H06	What was the total replanted area?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity |_|_|_|.|_|_|	Units |_|	
H07	Has the maize in this plot been affected by army worms?	1=Yes 2=No		|_|		If 2, ► End Interview
H08	What size area was affected?	Record quantity and units. Use unit codes below. If none, write 00.	Quantity |_|_|_|.|_|_|	Units |_|	
H09	Within that area, what proportion of the maize was affected?	ANSWER MUST BE BASED ON DIRECT OBSERVATION	|_|_|_| %		

UNIT CODES

17kilograms	2=50 kg bag	3=10L bucket	4=20L bucket	5=ox cart	6=other (specify)