MINISTRY OF AGRICULTURE & FOOD SECURITY
QUESTIONNAIRE FOR PEER FARMERS
(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 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 agricultural topics have you been trained on during the current growing season (August 2009 to date)? Please list all trainings in table below. Probe to find out trainings from all different sources – NGOs, CBOs, MoAFS, etc. For each training, record description, and indicate the source and the month.		
	Description of training	Source of training	Month / Year
Training 1:			
Training 2:			
Training 3:			
Training 4:			

Information Source Codes
1=AEDO   2=MoAFS   3=NGO   4=Lead Farmer   5=NASFAM   6=Private sector company   7=Other (specify)

SECTION B: NUTRIENT MANAGEMENT KNOWLEDGE

B01	Do you know how to make any type of compost manure?	1=Yes 2=No		|__| If 2, ► B05
	B02	**B03**		**B04**
	Please list all types of compost manure you know how to make	How did you learn about this type? *Provide name and source type, using code list below.*		In what year did you first learn about this type?
		Name	Source code	
a)			|__|	|__|__|
b)			|__|	|__|__|
c)			|__|	|__|__|
d)			|__|	|__|__|
B05	*If not mentioned above, specifically ask:* Have you ever heard of Chinese compost? If yes, complete B03-B04		|__|	|__|__|

Information Source Codes
1=AEDO 2=MoAFS 3=NGO 4=Lead Farmer 5=NASFAM 6=Private sector company 7=Other (specify)

SECTION C: NUTRIENT MANAGEMENT ACTIVITIES

C01	About what proportion of farm families in your village know how to make some type of compost manure?	1=All 2=Most (about 75%) 3=Half (about 50%) 4=Some (about 25%) 5=None	|__|
C02	About what proportion of farm families in your village produced some type of compost manure for the current growing season? *(If exact number of farm families known, write that in instead of code)*	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 compost manure this growing season (from August 2009 to date)? Please tell me all activities you did to train farmers (i.e. farm visits, group trainings, demonstration sites, etc), what month you did them, and how many farmers were involved.

	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 are the most common reasons farmers in this village choose to make compost manure? Please list up to 3 reasons.
Reason 1:	
Reason 2:	
Reason 3:	
C05	What are the most common reasons farmers in this village *chooose not* to make compost manure? Please list up to 3 reasons.
Reason 1:	
Reason 2:	
Reason 3:	

SECTION D: PLOT MANAGEMENT INFORMATION

			Plot 1		Plot 2		
D01	Did you apply compost manure to any plots this season?	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.
D02	How many plots did you apply compost manure to?	Number of plots	|__|				If 1 or 2, visit the indicated plots. If m than 2, choose 2 plots where the farm has used compost manure 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=Ridged 2=Planting Pits 3=Minimum Tillage 4=Zero Tillage 5=Flat, tilled 6=Other (specify)	|__|		|__|		If 2, ▶ D06
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

SECTION D

			Plot 1			Plot 2			
D18	When did you weed the third time?	Day / Month	|__|__|/|__|__|			|__|__|/|__|__|			
D19	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)			
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 INORGANIC FERTILIZERS
Answer the following questions for the same two plots as in Section D above.

			Plot 1		Plot 2		
E01	Did you apply basal fertilizer to this plot?	1=Yes 2=No	|__|		|__|		If 2, ► E05
E02	On what date did you apply the basal dressing?	Day / month	|__|__|/|__|__|		|__|__|/|__|__|		
E03	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	
E04	How much basal dressing did you apply to the plot in total?	Use Unit Codes on last page.	Quantity |__|__|	Unit |__|	Quantity |__|__|	Unit |__|	
E05	Did you apply top dressing fertilizer to this plot?	1=Yes 2=No	|__|		|__|		If 2, ► Sect F
E06	On what date did you apply the top dressing?	Day / month	|__|__|/|__|__|		|__|__|/|__|__|		
E07	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	|__|		|__|		
E08	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)	|__|		|__|		
E09	How much top dressing did you apply at each application station? ASK FARMER TO SHOW YOU MEASURE USED.	Record quantity and units 1=teaspoon 2=bottle cap 3=other (specify)	Quantity |__|.|__|__|	Unit |__|	Quantity |__|.|__|__|	Unit |__|	
E10	How much top dressing did you apply to the plot in total?	Use Unit Codes on last page.	Quantity |__|__|	Unit |__|	Quantity |__|__|	Unit |__|	

			Plot 1		Plot 2		
F01	Date of planting	Day / Month	|__|__| / |__|__|		|__|__| / |__|__|		Where possible, take this information from the Round 1 farm monitoring form
F02	Date of first application of manure	Day / Month	|__|__| / |__|__|		|__|__| / |__|__|		
F03	Type of compost manure applied *(multiple responses possible)*	A=Chinese F=Liquid B=Bokashi G=Khola C=Chimato H=Other D=Pit (specify) E=Frame					
F04	Quantity of compost manure applied	Record both quantity and units. Use Unit codes on last page.	Quantity |__| . |__|__|	Unit |__|	Quantity |__| . |__|__|	Unit |__|	
F05	Was compost manure applied to the entire plot?	1=yes 2=No	|__|__| %		|__|__| %		If 2, ► F07
F06	To what area was the compost manure applied?	1=acres 2=hectares 3=square meters	Number |__|__| . |__|__|	Units |__|	Number |__|__| . |__|__|	Units |__|	
F07	Method of application:	1=Buried in split ridge 2=Broadcast 3=Applied at planting station 4=other (specify)	|__|		|__|		
F08	How deeply was the manure buried in the ridge?	Centimeters	|__|__|		|__|__|		
F09	Did you apply compost manure a second time?	1=Yes 2=No	|__|		|__|		If 2, ► Sect G
F10	Date of second application:	Day / month.	|__|		|__|		
F11	Type of compost manure applied *(multiple responses possible)*	A=Chinese F=Liquid B=Bokashi G=Khola C=Chimato H=Other D=Pit (specify) E=Frame					
F12	Quantity of compost manure applied	Record both quantity and units. Use Unit codes below.	Quantity |__| . |__|__|	Unit |__|	Quantity |__| . |__|__|	Unit |__|	
F13	Proportion of plot on which manure applied	Percent	|__|__| %		|__|__| %		
F14	Method of application:	1=Buried in split ridge 2=Broadcast 3=Applied at planting station 4=other (specify)	|__|		|__|		
F15	How deeply was the manure buried in the ridge?	Centimetres	|__|__|		|__|__|		

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	|_|_|_| %		

CROP CODES

01=Maize	03=Sorghum	05=Beans	07=F. Millet	09=Cotton	11=Pigeon pea	13=Sweet Potato	15=Cow peas
02=Cassava	04=Rice	06=P. Millet	08=Tobacco	10=Groundnut	12=Irish Potato	14=Pumpkin leaves	16=other (specify)