

Questionnaire number: |__|__|__|__|__|__|

Field Number: |__|

Plot number: |__|

PLOT OR INPUT/OUTPUT QUESTIONNAIRE

Fill in one copy for each (cultivated) plot during 2013-14 – exclude Dimba plots cultivated in 2013 or 2014. Definition of plot: one continuous area of land on which a certain cropping pattern is repeated. Proceed field by field. And within field: plot by plot.

1. Field name			2. Field Number		
3. How many cultivated plots are there on this field?			4. Number of this plot		
5. What is the cultivated area? (in units of F2)	AREA	UNIT CODE	6. Is the plot irrigated? 1 = yes; 2 = No		
7A. The number of (permanent) trees on this plot? (permanent = more than a year)			<u>AREA UNIT CODE IN 5</u> 1 = HECTARE 2 = ACRE 3 = SQUARE METRES 4 = OTHER (SPECIFY)		
7B. Are there any other features on this plot which were there at the start of the 2013/14 season, such as grass strips? 1 = yes; 2 = No					
8. What is the cropping system? (refer to drawings in the manual) 1 = Sole Cropping 2 = Row Intercropping 3 = Strip Intercropping					
9. List the crops cultivated (use the crop codes below)	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5
10. Crop area of each crop If Strip intercropping list the ridge pattern (e.g. 1 Maize – 2 Pigeon Pea) If Row intercropping list cropping pattern on each ridge (e.g. 1 Maize – 3 Pigeon pea). Alternatively use the 10 blocks to estimate cropping patterns.					

Additional notes on cropping pattern in question 10 (e.g. a drawing)

CROP CODES	
LOCAL MAIZE	1
COMPOSITE/OPV MAIZE...2	
HYBRID MAIZE.	3
CASSAVA	4
SWEET POTATO	5
IRISH POTATO.	6
GROUNDNUT	7
GROUND BEAN / NZAMA...8	
RICE	9
FINGER MILLET/ MAWERE	10
SORGHUM.	11
PEARL MILLET / MCHEWERE.	12

BEANS	13
SOY BEAN	14
PIGEONPEA	15
BURLEY TOBACCO...16	
TOBACCO-OTHER. ....17	
COTTON.	18
SUGAR CANE.	19
CABBAGE	20
TANAPOSI	21
NKHWANI	22
THEREERE/OKRA.....23	
TOMATO.	24
ONION	25
PEAS.	26
OTHER (SPEC.)	27

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Enumerator instructions: Go over these various field operations, starting from land preparations to harvesting. For each activity, note down the inputs use, including inputs which were not purchased on the market. For inputs not purchased on the market, leave the wages/price column blank. If a child provides labor, place him/her under labor as well. If inputs pertain to one crop only – indicate this carefully as requested.

11. How much labor did you use to prepare the land last season (2013/14 season)?

	Amount of labor used and wages paid				Total Wages in Kwacha (<i>in-kind convert to MK</i>)
	Family		Hired		
	persons	days/(half days=0.5)	persons	days/(half days=0.5)	
Labor					
Bullocks					
Tractor					

12. Did you use any of the following techniques on this plot **during land preparation** last season (2013/14)? List the number/amount, if applicable:

	Yes=1 No=2	Number		Yes=1 No=2	Number		Yes=1 No=2		Yes=1 No=2	Amount	Unit
Grass strips			Pits			No Tillage		Application of animal manure			
Ridges			Water catchments (bunds, trenches)			Tillage by hand/hoe		Application of crop residuals			
Marker ridges			Drainage channels			Ploughing with animals		Application of other biomass: specify:			
Box ridges			Plant permanent trees			Ploughing by tractor					

13. When did you sow each crop last season (2013/14 season)? (see coding for week and month below)

In Week / Month	Crop 1		Crop 2		Crop 3		Crop 4		Crop 5	
	Week	Month	Week	Month	Week	Month	Week	Month	Week	Month
First planting										
If replanting/re-sowing/supply indicate the second date										

CODES FOR WEEK
 1 = FIRST
 2 = SECOND
 3 = THIRD
 4 = FOURTH

CODES FOR MONTH
 1 = JAN 5 = MAY 9 = SEP
 2 = FEB 6 = JUN 10 = OCT
 3 = MAR 7 = JUL 11 = NOV
 4 = APR 8 = AUG 12 = DEC

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14. How much labor did you use for sowing last season (2013/14 season)?

	Week	Month	What kind? 1 = LABOUR 2 = MACHINES 3 = OTHER (SP)	Labor use				Total Wages in Kwacha (<i>in-kind</i> <i>convert to MK</i>)
				Family		Hired		
				persons	days/(half days=0.5)	persons	days/(half days=0.5)	
Labor for planting/sowing	|__|	|__|						
Use one box for each time you sow. E.g. if you sow on 10-11 November, and then again on 20-21 November, take two boxes. Indicate the dates (W/M) on the dotted line	|__|	|__|						
	__	__						

15. What did the seeds cost last season (2013/14)? (Include seed treatments, such as inoculation, if any were used)

Which kind? 1 = Seed 2 = Seed treatment	Crop name	Hybrid/improved seed? 1 = yes; 2 = No	Inputs		
			Quantity used	Units (<i>USE CODES</i>)	Total cost in Kwacha

UNIT CODE FOR SEED	
KILOGRAM	..... 1
2 KG BAG	..... 2
3 KG BAG	..... 3
5 KG BAG	..... 4
8 KG BAG	..... 5
10 KG BAG	..... 6
25 KG BAG	..... 7
50 KG BAG	..... 8
TON S	..... 9
LITRES	..... 10
MILLITRES	..... 11
PIECES	..... 12
OTHER (SP)	..... 13

16. When did you weed, how much labor did it take, and did you use any form of chemical to control pests last season (2013/14)?

	Which kind of labor? 1 = LABOUR 2 = SPRAYER / DUSTER 3 = OTHER (SP)	Labor use				Total wages in Kwacha (<i>in-kind</i> <i>convert to MK</i>)	Other Inputs			
		Family		Hired			Type of input	Quantity	Unit Code	Total cost in Kwacha
		persons	days/(half days=0.5)	persons	days/(half days=0.5)					
First weeding						Pesticide				
						Biopesticide				
						Herbicide				
Second weeding (bunking)						Pesticide				
						Biopesticide				
						Herbicide				

UNIT CODES	
1 = GRAMS	
2 = LITRES	
3 = KILOGRAMS	
4 = OTHER (SPECIFY)	

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17. Did you apply any organic or inorganic fertilizer (excluding the manure etc. applied during land preparation) last season (2013/14 season)? This includes animal/human manure and compost.

	Labor use					Other Inputs			
	Family		Hired		Total Wages in Kwacha (<i>in-kind</i> <i>convert to MK</i>)	Code for fertilizer type	Quantity	Unit Code	Total cost in Kwacha
	persons	days/(half days=0.5)	persons	days/(half days=0.5)					
First application									
Second application									

FERTILISER TYPE
 1 = 23:21:0+4S / CHITOWE (BASAL)
 2 = DAP
 3 = CAN
 4 = UREA (TOP DRESS)
 5 = D COMPOUND
 6 = ANIMAL MANURE
 7 = HUMAN MANURE
 8 = COMPOST
 9 = OTHER (SPECIFY)

UNIT CODE
 1 = KILOGRAM
 2 = 50 KG BAG
 3 = OTHER (SPECIFY)

18. Do you have any gliricidia, sesbania, or tephrosia trees or other shrubs planted on this plot last season (2013/14)?

Type of tree	1 = Yes 2 = No	(How many trees?)
Gliricidia		
Sesbania,		
Tephrosia		
Other Shrubs		

19. When did you harvest, and how much labor did you use last season (2013/14)?

	Week Month		Which kind? 1 = LABOUR 2 = MACHINES 3 = OTHER (SP)	Labor use				Total Wages in Kwacha (<i>in-kind convert to MK</i>)
				Family		Hired		
				persons	days/(half days=0.5)	persons	days/(half days=0.5)	
Use one box for each time you harvest. E.g. if you harvest on 5 May and then again on 30 May, take two boxes. Indicate the dates (W/M) on the dotted line	__	__						
	__	__						
	__	__						

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20. Did you perform any operations post-harvest or did you incur any other costs?

Include threshing, burning vegetation, applying chemicals before storage	Which kind? 1 = LABOUR 2 = MACHINES 3 = OTHER (SP)	Labor use				Total Wages in Kwacha (in-kind convert to MK)	Other Inputs			
		Family		Hired			Type of chemical	Quantity	Unit Code	Total cost Kwacha
		Persons	days/(half days=0.5)	persons	days/(half days=0.5)					

UNIT CODES
1 = GRAMS
2 = LITRES
3 = KILOGRAMS
4 = OTHER (SPECIFY)

21. How much did you harvest for each crop last season (2013/14)?

Crop	Amount harvested	<u>Unit Code</u>			Shelled/Unshelled? 1 = Shelled 2 = Unshelled -7 = Not applicable	Did you lose any crops before harvest due to pests etc.? 1 = Yes 2 = No
		1 = 1 KG 4 = 90 KG bag 7 = basin	2 = 50 KG bag 5 = bales 8 = basket	3 = 75 KG bag 6 = 20 L pail 9 = oxcart		

22. What did you do with the crop residue? Put 1=Yes to all that apply, and 2= No on those that do not apply.

Crop	Fodder for animals	Incorporated/Plan to incorporate in soil this year (2014/15)	(Plan) to burn / burned	Lost	Other: specify

CODE
1 = YES
2 = NO