



Up-scaling Basic Sanitation for the Urban Poor (UBSUP)

Questionnaire on the use of organic fertilizer (Humanure)

Prepared by the entire UBSUP Team

UBSUP Document 5 (10.05.2012)

General data

Province		Data Collection Date	
County		Data Collector	
Town		Supervisor	
Area Name		Data Entry Clerk	
Area ID		Data Entry Date	
MajiData ID		Interview No.	
GPS Coordinates		N	E
Picture ID		Picture ID	
Picture ID		Picture ID	
Remarks			

A: Current fertilizer use

No	Question	Answer	Code				
1	What kind of plants/crops are you growing?	Cereals ¹	1				
		Vegetables ²	2				
		Fruit crops ³	3				
		Tubers ⁴	5				
		Edible Cash Crops ⁵	6				
		Non edible crops ⁶	7				
		Other, specify	88				
2	Are these plants/crops for your own use (subsistence) or for sale (cash crops?) Subsistence = 1 Cash Crops = 2 Other, specify= 88	Cereals					
		Vegetables					
		Fruit crops					
		Tubers					
		Edible Cash Crops					
		Non edible crops					
		Other, specify					
3	For cash crop cultivators: Do you propagate/reproduce the plants yourself?	Yes	1				
		No	2				
		Other, specify	88				
4	Do you use chemical (inorganic) fertilizer for growing the plants/crops?	Yes (if yes, go to 5)	1				
		No (if no, go to 10)	2				
		Other, specify	88				
5	If yes, what type of fertilizer is used for what crop? Indicate in the table <u>when</u> it is applied	During planting	1				
		During growing	2				
		When the plant starts flowering	3				
		Don't know	77				
		Other, specify	88				
		Non applicable	99				
	Cereals	Vegetables	Fruit Crops	Tubers	Edible Cash Crops	Non edible Crops	Other, specify
DAP							
MAP							
TSP							
SSP							
KCI							
NPK							
CAN							
ASN							
UREA							
SA							
Don't know							
Other, specify							

¹ Cereals (Maize, Beans, Millet, Wheat, Sorghum, SimSim)

² Vegetables (Tomatoes, Kales, Spinach, Cabbage, Lettuce)

³ Fruit Crops (Pawpaw, Bananas, Oranges, Passion Fruit, Mango, Melon)

⁴ Tubers (Sweet Potatoes, Cassava, Yams, Carrots, Irish Potatoes, Onions)

⁵ Edible Cash Crops (Coffee, Tea, Cocoa)

⁶ Non Edible Crops (Pyrethrum, Sisal, Cotton, flowers)

A: Current fertilizer use (continued)

No	Question	Answer	Code
6	How much do you apply?kg/m ²	1
	bags/acre	2
	bags/hectare	3
		Don't know	77
		Other, specify	88
		Non applicable	99
7	Where do you buy fertilizer?	Wholesaler/distributor	1
		Retailer/agro dealer	2
		(Other) farmer	3
		Other, specify	88
		Non applicable	99
8	How much do you pay for your fertilizer? <i>This may depend on the type of fertilizer.</i>KSh/kg.....	1
		It varies	2
		Depends on the time of the year	3
		Don't know	77
		Non applicable	99
9	Are you facing any problems in the fertilizer supply?	Yes	1
		No	2
		Sometimes	3
		Don't know	77
		Non applicable	99
10	If yes, What kind of problems?	Too expensive	1
		Not enough	2
		Not available at the right moment	3
		Not available nearby	4
		Not the right fertilizer available	5
		Poor quality	6
		Other, specify	88
11	Do you also have livestock?	Yes	1
		No	2
12	If yes, what kind of livestock do you have?	Cow	1
		Pig	2
		Sheep	3
		Goat	4
		Chicken	5
		Rabbits	6
		Ducks	7
		Camels	8
Other, specify	88		
13	Do you use livestock manure?	Yes, go to 15	1
		No, go to 16	2
14	What do you use the manure for?	Farming	1
		Fuel	2
		Sell it	3
		Other, specify	88

B: Organic fertilizer use

No	Question	Answer	Code
15	Do you ever use compost made from organic materials (plants, fruits, leaves etc)?	Yes	1
		No	2
		Other, specify	88
16	Do you make your own compost?	Yes	1
		No	2
		Other, specify	3
17	What do you compost?	Own organic waste	1
		Own organic waste combined with animal dung manure	2
		Own combined with collected organic waste	3
		Own combined with collected organic waste with manure	4
		Other, specify	88
18	How do you compost?	On one heap	1
		On one heap and turned regularly	2
		On one heap, combined with layers of soil	3
		On one heap, combined with layers of soil and turned regularly	4
		Other, specify	88
19	For which crops do you use the compost?	Cereals	1
		Vegetables	2
		Fruit Crops	3
		Tubers	4
		Edible Cash Crops	5
		Non edible Crops	6
		Other, specify	88
20	Do you use compost for ALL your crops	Yes, go to 23	1
		No, go to 22	2
21	If for some of your crops, why not for all?	Not suitable	1
		Not hygienic	2
		Not profitable	3
		Never heard of it	4
		Other, specify	88
		Non applicable	99
22	Have you heard of fertilizer partly made of human waste?	Yes	1
		No	2
23	Do you know people who are using organic fertilizer partly made from human waste?	Yes	1
		No	2

B: Organic fertilizer use (continued)

No	Question	Answer	Code
24	Do you know what this organic fertilizer is used for?	Cereals	1
		Vegetables	2
		Food Crops	3
		Tubers	4
		Edible Cash Crops	5
		Non edible Crops	6
		Other, specify	88
25	Do you know in which area the organic fertilizer is being used?	Yes, record location	1
		No	2
26	What is your opinion about the use of <u>organic fertilizer partly made from human waste</u> ?	I don't like it	1
		Not hygienic	2
		Good idea	3
		Not done in Kenya	4
		Cheap	5
		Not effective	6
		Don't know	77
		Other, specify	88
27	Would you like to try organic fertilizer partly made from human waste instead of chemical fertilizer?	Yes	1
		No, go to 31	2
		Other, specify	88
28	For which crops would you use <u>organic fertilizer instead of chemical fertilizer</u> ?	Cereals	1
		Vegetables	2
		Fruit Crops	3
		Tubers	4
		Edible Cash Crops	5
		Non edible Crops	6
		Other, specify	88
29	For which of the following crops would you use the organic fertilizer?	Cereals	1
		Vegetables	2
		Fruit Crops	3
		Tubers	4
		Edible Cash Crops	5
		Non edible crops	6
		Other, specify	7
30	If you don't want to use organic fertilizer from human waste instead of chemical fertilizer, indicate why not.	Due to my culture	1
		Not hygienic	2
		May cause Sickness/is unhealthy	3
		Never heard of it	4
		Not effective	5
		Other, specify	88