Household Identification Number (Number of the questionnaire)__/__/__/__/__/__/__/__/

International Institute of Tropical Agriculture (IITA)

Part A: Respondent's Identification/Background

Village _____ Territory/Commune/district_____

Province _____

Country _____

GPS readings of homestead: Waypoint ID_____Longitude_____

Latitude_____ Altitude_____ Mobile phone No_____

Respondent's Name: _____ Relationship with HH head_____

Name of Household Head_____

Interviewer's Name _____ Date of Interview_____

Supervisor's Name _____ Date Checked_____

Data Entered By _____ Date Entered_____

Language used in interview _____

Type of household

1. Are you a native of this village? **[ ] 1** =Yes **0** = No

3. If No to question 1, How many year have spent in this village? _____

4. When was the household started? _____ (year)

5. In which year did the household start farming? _____

6. Type of household _____

1. Female headed household **(widow), 2.** Single female headed household (husband working elsewhere) **,**

3. Male headed household. 4. Others (Specify)

7. Are you a member of a farmer group or association? **[ ] 1** =Yes **0** = No

8. In how many group/association are you a member? _____

9. For how long have you been a member? _____ Years

10. Have you participated in any agricultural or NRM related collective action during the last 12 months? [ ]

1 =Yes 0 = No

Part B: Household Composition and Characteristics

The household roster should include all people that "live together and eat out of the same pot". Include the following people: someone temporarily gone for less than six months, students studying away from home, workers who have stayed for at least a month, and someone that lives away from home but is VERY involved in household economic decision-making. Members who live somewhere else and only come to visit and bring money are not household members. Note years of education should be for the complete level of education.

Household member ID	Name of household member (start with household head)	Sex (See Codes)	Age (years)*	Relation to HH head (See Codes)	Education (years)**	Farming experience (years) (**If the member is above 10 years old**)	Off-farm work during ….		Number of month lived in household in last 12 months	Own farm labour contribution (in terms of % e.g. 10%, 25%, 40%)
							SeasonB	Season A (see codes)		
ID	**Name**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**B8**	**B9**
01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
13										
14										

**** For the household member under 5 year olds, ask month, day and year born and then compute the age yourself (in 3 decimal places) (Add more rows to accommodate more household members)***

Code B1
1=Male
2=Female

Codes B3
1. Household head
2. Spouse
3. Son/daughter
4. Parent
5. Son/daughter in-law
6. Grand child
7. Other relative
8. Fostered child
9. Hired worker
10. others (specify)

** Put 1 if Adult education or 1 year of education

Codes B6 & B7
0. None
2. Salaried employment
3. Self-employed off-farm
4. Casual labourer on-farm
5. Casual labourer off-farm
6. School/college child
7. Non-school child
8. Herding
9. Household chores.
10. Small commerce/petty trade
11. Handicraft
12. Other specify, ...

Part C1: Household assets

Asset	Total number owned by the household (if no equipment put zero)	Number owned by women only	Number owned by men only	Number owned jointly by men and women	Estimated TOTAL value (in **C2**) in terms of how much you would receive from sale? (LC) (*if more than 5 items reported in **C2**, take average price to compute total value, otherwis let farmer value each item to get the total valu*
1	**2**	**3**	**4**	**5**	**6**
1. Cart					
2. Axe					
3. Hoes					
5. Sprayer					
6. Grain mill					
7. Spray Pump					
8. Spade or shovel					
9. Baskets					
10. Tractor					
11. Fish pond					
12. Panga knife					
13. Radio					
14. CD Player					
15. Television					
17. Smart cell phone					
19. Cooker/gas stove					
20. Bicycles					
21. Motorbike					
22. Car					
23. Water pump					
24. Wheelbarrow					
26.Sewing machine					
27. Computer					
28. Solar panel					
29. Traditional stoves					
30. Sofa sets					
Dining table					
Chairs					
Shelves					
Wardrops					
Beds					
31. Refrigerator					
32. Other, specify					

Part C2: Other household asset

ITEMS	No/Code
1	**2**
1. Occupancy status: 1=Landlord, 2=tenant, 3=other, specify)	
2. Amount of monthly rent if tenant (in LC)	
3. Total number of rooms in the main house	
4. Main house material (outside walls): 1=Wood; 2=iron sheets; 3= Stabilized earthen brick; 4=Baked brick/stones, 5=mad, 6=plaster, 7= other	
5. Is the house painted? Yes.=1; No = 2	
6. Main roofing material: 1=Straw/grass/thatch; 2=iron sheet; 3=roof tiles; 4=slab, 5=other (specify)	
7. Water supply (household): 1=River; 2= wells; 3= borehole; 4=water pump; 5=other (specify)	
8. Main sources of light: 1=Lamp; 2=Generator; 3=Electric power; 4=candles, 5=sun panels, 6=firewood, 7=other	
9. Source of fuel used for cooking: 1=Agricultural by-product ;2=Charcoal; 3=firewood; 4=Gas; 5=Electric power, 6=other specify	
10. Type of sanitation: 1=None; 2=pit latrines; 3= Modern toilet, 4=other	

Part D. Household Expenditure

Food consumption

No.	Item	**Unit** 1=kg 2=litter 3= other (Specify)……	**Conversion factor (1unit= Xkg)**	**Conversion factor (1unit= X Litters)**	Season of **MAIN** consumption 1= Season A 2= Season B 3. = dry season	**Consumption in last 7 days**			
						Total quantity from own production	Total quantity from gifts, food aid	Total quantity purchased	Avera price unit **(**
EID	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
	Staple foods								
	Root and tuber crops and products								
1	Yam								
2	Cassava								
3	Potatoes								
4	Sweet potatoes								
5	Colocase								
6	Cassava flour								
	Cereals and products								
7	Maize								
8	Wheat								
9	Barley								
10	Rice								
11	Sorghum								
12	Millet								
	Grain legumes and products								
13	Beans								
14	Cowpea								
15	Soybean								
16	Groundnut								
17	Field peas								
18	Leaves								
	|**Fruits staples**								
19	Bananas								
20	Plantain								
21	Other, specify.....								
22	Other, specify.....								
	Beverages and drinks								
23	Tea (leaves)								
24	Tea (liquid)								
25	Opaque beer (*chibuku*)								
26	Coffee (liquid)								
27	Soft drinks								
28	Juices								
29	Local beer								
30	Bottled/clear beer								
31	Drinking water								
32	Wine								
33	Coffee beans								
34	Coffee powder								

Food consumption (cont'd)

No.	Item	**Unit** 1=kg 2=litter 3= other (Specify)…	**Conversion factor (1unit= Xkg)**	Season of **MAIN** consumption 1= First season 2= Second season	**Consumption in last 7 days**			
					Total quantity from own production	Total quantity gifts, food aid	Total quantity purchased	Average price per unit **(LC)**
EID	**1**	**2**			**3**	**4**	**5**	**6**
	Fruits							
35	Oranges							
36	Mangoes							
37	Pawpaw							
38	Pineapple							
39	Bananas (ripe)							
40	Apple							
41	Guava							
42	Coconut							
43	Sugar cane							
44	Other.							
	Meat &other products							
45	Beef							
46	Goat meat							
47	Sheep meat							
48	Pig meat							
49	Chicken							
50	Turkey							
51	Ducks							
52	Bush meat							
53	Fish							
54	Eggs							
55	Milk							
56	Cheese/Ghee							
57	Butter							
58	Yoghurt							
59	Honey							
60	Other.							
	Vegetables							
61	Tomatoes							
62	Onions							
63	Cabbage							
64	Spinach							
65	Kale							
66	Carrot							
67	Okra							
68	Pumpkin							
69	Egg plant							
70	Cucumber							
71	Pepper							
72	Garlic							

Food consumption (cont'd)

No.	Item	**Unit** 1=kg 2=litter	**Conversion factor (1unit= Xkg)**	Season of **MAIN** consumption 1= First season 2= Second season	**Consumption in last 7 days**			
					Total quantity from own production	Total quantity gifts, food aid	Total quantity purchased	Average price per unit **(LC)**
EID	**1**	**2**			**3**	**4**	**5**	**6**
Fats, oils, sweeteners, snacks and others								
73	Cooking fat							
74	Margarine							
75	Groundnut oil							
76	Coconut oil							
77	Bread							
78	Biscuits							
79	Popcorn							
80	Cashew nuts							
81	Sugar							
82	Salt							
83	Chocolate							
84	Curry							
85	Ginger							
86	Macadamia nuts							

Expenditure on non-food items

No.	Expense Item	Monthly Frequency of purchases	Total value of purchased item in last **ONE month** (LC)	No.	Expense Item	Yearly Frequency of purchases	Total v purcha in last **month**
EID	**1**		**2**	**EID**	**1**		**2**
1	Soap, detergent, and cleaning supplies			21	Clothing for women		
2	Electricity, Batteries, water bills			22	Clothing for men		
3	Firewood, charcoal, kerosene, etc			23	Clothing for children < 15 years		
4	Mobile phone card, postage, phone calls			24	Blankets, bed sheets, mattresses		
5	Transportation costs (bicycle, cars, motorcycles, etc)			25	Shoes, hats, umbrellas		
6	Grain milling			26	School fees		
7	Cigarettes and tobacco			27	School books, uniforms, etc		
8	Repair, tailor, barber, other services			28	School books and supplies		
9	Guard/security			29	Health care		
10	Personal care (toothpaste, nail etc)			30	Money & food sent to students & others		
11	Repairs for vehicles, bicycles etc			31	Repairs and maintenance of house		
12	Utility bills (water, telephone etc)			32	Funerals, weddings, religious expenses		
13	House rent			33	Contribution to community projects/ groups		
14	Land tax			34	Taxes		
15	Remittances paid			35	House building/construction		
16	Match boxes			36	Dowry		
17	Membership fees			37	Payment for extension services		
18	Newspapers, magazines etc			38	Kitchen utensils		
19	Payment for land rent in cash			39	Furniture (tables, chairs, beds etc)		
20	Other small expenses			40	Home repairs		
				41	Debt payments		
				42	Other large purchases, specify		

Part E. Food Security

E1. Were there any months, in the past 12 months, in which you did not have enough food to meet your family's needs? This includes any kind of food from any source, such as own production, purchase or exchange, food aid, or borrowing. 1=Yes 0= No _____

E2.In which months did the family experience inadequate food supplies?

	SEP 13	OCT 13	NOV 13	DEC 13	JAN 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	Aug 14

E3. For those months of inadequate food supplies, list up 3 MAJOR reasons 1____ 2_____ 3____

Codes

1. Floods	4. Crop pests and diseases	7. High costs of agricultural inputs	10. Death of HH member
2. Drought	5. Livestock diseases	8. Lost employment	11. Theft of productive assets
3. Irregular rains	6. High food prices	9. Illness of HH member	12. Erosion/landslides
			14. Other, specify.....

E4. How has food insecurity changed in the last 8 (CIALCA) years in your household? _____
1= Increased, 2= Decreased, 3= No change

E5. What are the main reasons for the change? _____
1. Improved crop production due to adoption improved agricultural technologies,2. Increase in income due to diversification of income activities and new off-farm opportunities, 3. Increased access to market, 4. Good rain fall, 5. Increased drought, 6. increased soil erosion, 7. Declining soil fertility, 8. Increased flooding, 9. Socio-economic bad shock (e.g. death of bread winner, loss of animals, etc.), 10. Others, specify _____

E6. In the last 8 years, how has your income generating activities changed? _____
1= improved, 2= worsen, 3= No change

E7. What are the main reasons for the change? _____
1. Improved crop production due to adoption improved agricultural technologies,2. Increase in income due to diversification of income activities and new off-farm opportunities, 3. Increased access to market, 4. Good rain fall, 5. Increased drought, 6. increased soil erosion, 7. Declining soil fertility, 8. Increased flooding, 9. Socio-economic bad shock (e.g. death of bread winner, loss of animals, etc.), 10. Others, specify _____

E8. In the last 8 years, how as your ability to spend on household basic needs changed? _____
1= improved, 2= worsen, 3= No change

E9. What are the main reasons for the change? _____
1. Increased in prices of goods and services, 2. Increase in income due to diversification of income activities and new off-farm opportunities, 3. Increased access to market, 4. Increase in crop production, 5. Poor crop yield, 6. Socio-economic bad shock (e.g. death of bread winner, loss of animals, etc.), 7. Others, specify _____

E10. In your household, how much did you spend on the following diseases in the past 12 months?

Diseases	Where did you treat them? *0=Nowhere; 1=Health centre* *2=Hospital 3=Traditional medicine* *4=Herbalist; 5=Auto medication* *6=Other (Specify_____)*	How much did you spend to treat them?
1. Malaria		
2. Worms		
3. Blood pressure		
4. Stomach ache		
5. Diarrhoea		
6. Others, specify		

Part F: Improved crop varieties Adoption. ** Stopping to use tech. temporary means that the farmers chooses to do so due to constraints other than seasonal crop rotation

Improved crop varieties	Specify local names of improved varieties	Ever heard of? 1=Yes 0=No	Year first heard	Info. main source (see Code F4)	Is the variety seed available in your village? 1. Yes, 0= No	Where did you buy the seed from?	Ever used? 1=Yes, 0=No	If F6=1, year first used	If F6=0, main reason. **See code F8**	Main means of acquiring tech. **See code F9**	Currently using tech.? 1=Yes, 0=No	Will you continue to use in future? 1=Yes, 0=No	If F11=0, main reason **See code F12**	If F11=0, have you **completely** stopped using? 1=Yes, 0=No	If F13=1		If F10=0/1or F13=0		
															Main reason **See code F14**	Year(s) stopped using	Have you **temporarily **** stopped using? 1=Yes, 0=N0o	If F16=1, # of times stopped using since adoption	Specify years in which you used variety
TID	**F1**	**F2**	**F3**	**F4**	**F5**	**F5'**	**F6**	**F7**	**F8**	**F9**	**F10**	**F11**	**F12**	**F13**	**F14**	**F15**	**F16**	**F17**	**F18**
1. Banana varieties																			
100.																			
101.																			
2. Cassava varieties																			
201.																			
202																			
3. Bean varieties																			
301																			
302																			
4. Soybean varieties																			
401																			
5. Groundnut varieties																			
501																			
6. Pigeon pea varieties																			
601																			
7. Cowpea varieties																			
701																			
8. Maize																			
801.																			

Code F5'
1. 1= farmer association/kiosk; 2= private agrodealer; 3= agrodealer in Bukavu; 4=support NGO; 5= Public service; 6= Never bought; 7=other (specify)

Codes for F8, F12, F14, F19
1. non availability of technical knowledge
2. Non availability of seed
3. Lack of cash/credit to buy input
4. Incompatibility of technology /susceptibility to diseases/ pests
5. Additional input expensive
6. Poor taste of MV
7. Low yielding after used 8. Low market prices of output
8. No market for surplus output
9. Lack of enough land
10. Requires high skills
11. Content with current practices/variety
12. Low market demand
13. Other, specify…….

Codes for F9
1= Gift/free
2= Borrowed
3= Bought with cash
4= Payment in kind
5= Exchange with other
6= Other, specify_____

Part F: Technology Adoption (*cont*). **** Stopping to use tech. temporary means that the farmers chooses to do so due to constraints other than seasonal crop rotation**

Improved crop management practices	Ever heard of? 1=Yes 0=No	Year first heard	Info. main source (see Code F3)	Ever used 1=Yes, 0=No	If F4=1, year first used	If F4=0, main reason. **See code F8**	Main means of acquiring tech. **See codes F9**	Currently using tech.? 1=Yes, 0=No	Will you continue use in future? 1=Yes, 0=No	If F11=0, main reason (see Code F12)	If F10=0, have you **completely** stopped using? 1=Yes, 0=No	If F11=1		If or F11=0				
												Main reason (see Code F14)	Year(s) stopped using	Have you **temporarily **** stopped using? 1=Yes, 0=N0o	If F16=1, # of times stopped using since adoption	Specify years in which you used practice	Main reason temporary use. See code F19	
TID	**F1**	**F2**	**F3**	**F4**	**F5**	**F6**	**F7**	**F8**	**F9**	**F10**	**F11**	**F12**	**F13**	**F14**	**F15**	**F16**	**F17**	**F**
Improved maize-legume intercropping planted in lines using 2:2																		
Use of fresh and decomposed manure																		
Rotation of maize with new high-biomass climbing bean or soybean varieties																		
Combined manure/compost and fertilizer application in the planting hole for bananas																		
Cassava planted at about 2 m x 0.5 m intercropped with legumes																		
Planting of beans in mulched bananas using sticks, not hoes/ No tillage																		
Intercropping coffee with banana																		
Recommended spacing in banana plantations																		
Incorporation of crop residues after harvest																		
Mucuna fallows																		

Codes for F3, F7
1. Government extension
2. Farmer Coop/ groups
3. CIALCA
4. NGO/CBO
5. Research centre (trials/demos/ days)
6. Local seed producers
7. Fellow farmer
8. Radio/newspaper/TV
9. Local input providers
10. Others

NEED TO IDENTIFY CIALCA PARTNERS

Codes for F6, F10, F12, F17
1. non availability of technical knowledge
2. Non availability of seed
3. Lack of cash/credit to buy input
4. Incompatibility of technology/susceptibility to diseases/ pests
5. Additional input expensive
6. Poor taste of MV
7. Low yielding after used 8. Low market prices of output
9. No market for surplus output
10. Lack of enough land
11. Requires high skills
12. Content with current practices/variety
13. Low market demand
12. Other, specify…….

Part F: Technology Adoption (*cont*). **** Stopping to use tech. temporary means that the farmers chooses to do so due to constraints other than seasonal crop rotation**

IPM	Ever heard of? 1=Yes 0=No	Year first heard	Info. main source (see Code F3)	Ever used 1=Yes, 0=No	If F4=1, year first used	If F4=0, main reason. **See code F8**	Main means of acquiring tech. **See codes F9**	Currently using tech.? 1=Yes, 0=No	Will you continue use in future? 1=Yes, 0=No	If F11=0, main reason (see Code F12)	If F10=0, have you **completely** stopped using? 1=Yes, 0=No	If F11=1		If F11=0				# of HHs you know in your village using this technology
												Main reason (see Code F14)	Year(s) stopped using	Have you **temporarily **** stopped using? 1=Yes, 0=N0o	If F16=1, # of times stopped using since adoption	Specify years in which you used practice	Main reason temporary use. See code F19	
TID	**F1**	**F2**	**F3**	**F4**	**F5**	**F6**	**F7**	**F8**	**F9**	**F10**	**F11**	**F12**	**F13**	**F14**	**F15**	**F16**	**F17**	**F18**
De-budding, uprooting and destroying of sick banana plants, use of clean suckers																		
Uprooting and destroying infected plants (BBTV control)																		
Applying Chromolaena or Tithonia																		
Push-pull practices e.g in maize																		
Other specify																		
Transformation and improved marketing																		
Soybean transformation-milk, cake, Tofu																		
Following a written plan on production and marketing (Business plan)																		
Collective marketing/ bulking of produce																		
Use of kiosk for inputs (fertilizer and seeds) managed by group/association																		
Use agriproducts as collateral to loan (warrantage)																		
Mutual of solidarity (MUSO)																		
Grouping agriproducts and look for buyers through group/association)																		

Codes for F3,F7

1. Government extension
2. Farmer Coop/ groups
3. CIALCA
4. NGO/CBO
5. Research centre (trials/demos/ days)
6. Local seed producers
7. Fellow farmer
8. Radio/newspaper/TV
9. Local input providers

NEED TO IDENTIFY CIALCA PARTNERS

4.Incompatibility of technology/susceptibility to diseases/ pests
5. Additional input expensive
6. Poor taste of MV
7. Low yielding after used 8. Low market prices of output
9. No market for surplus output

10. Lack of enough land
11. Requires high skills
12.Content with current practices/variety
13. Low market demand
12. Other, specify…….

Part G. Land use and management

G1. Total area of farm land (acres) _____

Definitions: ***A PARCEL*** *is a continuous and separate piece of land of any shape that is under same ownership and tenure system*

A PLOT *is a subunit (crop garden, fallow, woodlot, etc) within a parcel under the same management*

G2. Total number of separate parcels you operated in the last 12 months _____

G3. During Season B 2014 (February-June 2014) was number PLOTS per PARCEL the same as in the season A of 2013 (September 2013-January 2014)? 1= Yes, 0= No _____ :**If Yes, fill in Table G5a and Table G6a with the same parcel and plot numbers, otherwise make a new sketch of the farm before starting section G6a and fill Table G6a with the new plot**

G4. How many different crops does your household normally grow season B (February –June)? _____ and during a season A (September-January)? _____

Draw a map (sketch) on a piece of paper, of all parcels operated by the household in the Season B 2014. Use the homestead as a reference point when drawing the map. Assign each parcel a name (preferably suggested by the farmer, e.g., Valley) and an ID. On each parcel, sketch out all plots, assign each plot a name and an ID starting with No. 1, for example, if a parcel has 3 plots named, say, maze, fallow, and banana, assign IDs as 1, 2, & 3 respectively, but parcel name and ID remain the same for the 3 plots, that is, each plot is entered in separate row, in this case 3 rows would be used for this one parcel. Do the same for all parcels.

G 5a. Land use and conservation practices. Consider all **PARCELS** accessed and **ALL SEPARATE PLOTS** on each parcel operated in the last Season B (February –June 2014) (owned, rented in or borrowed in).

Parcel name	Parcel ID	Plot name	Plot ID	Parcel area (acres)	Walking distance from home (mins)	Ownership status (codes)	Ownership by gender (codes)	Primary land use (codes)	**MAJOR** Soil conservation practice (SCP) (code)	Prop^{n} plot covered by the MAJOR SCP***	Year when the MAJOR SCP was established	Perceived change in area under SCP practice in last 5 years	Main reason for change in M10 (codes)	Average annual cost of SCP maintenance	Perceived change in soil fertility status of plot last 8 years	Main reason for change in M13(codes)	Livestock grazing on plot: 1. Yes; 2. No	Type of animals grazed (codes)	How long animals grazed on (days)	Type of trees on plot (codes)	Number of trees on the plot
PName	PID	PLName	PLID	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18

Landownership codes M3: 1=Owned, 2= Rented in, 3=Borrowed in, 4=Sharecropped in, 5 = other _____: **Ownership by gender M4:** 1= Husband, 2= Wife, 3= Other male member, 4= Other female member 5= Joint
Primary use of the field M5: 1=Cultivated (annual crops), 2=Cultivated (perennial crops), 3=Rented-out, 4=Fallow, 5=Grazing land, 6=Woodlot, 7= Homestead, , 8 =Fish farming, 9 = Other specify
Soil conservation practices M6: 1=Mulching, 2=Trenches/Diversion channels, 3=Fallow, 4=Contour ploughing, 5=Grass/bench terraces, 6=Trench, 7=Minimum tillage, 8=Hedges, 9=Alley cropping, 10=Tresh line/stone/soil bunds, 11=Agro-forestry, 12=Others (Specify)_____: **Perceived change codes M9 & M12:** 1= Increased: 2= Decreased: 3= No change: **Main reasons for change in area under SC M10:** 1=Increased land scarcity, 2= Labor intensive, 3= SC attracts rodents, 4= Increased soil erosion, 5= Reduced soil fertility, 6= increased rain fall intensity, 7= Reduction of soil erosion, 8= reduced rain fall intensity, 9= Awareness of the benefits of the technology, 10= better access to technology, 11= Reduction of labour cost for the technology, 12= other specify _____: **Codes for main reason for change in Soil Fertility M13:** 1=increased use of mineral fertilizer on the parcel, 2=increased use of organic manure on the plot, 3=increased use of combination of mineral fertilizer and organic manure on the parcel, 4=leaving the parcel fallowed (uncultivated) for some seasons, 5=practices of erosion control measures, 6= lack of capacity (morney) to use chemical and organic fertilizers, 7= Continuous cropping without fallow, 8= destruction of soil conservation structures, 9= increased in fertilizer price, 10= increased in labour cost, 11= others (specify) _____: **Type of animals grazed codes M15:** 1= Cattle 2= goats or sheep 3= Pigs 4= Donkeys 5= Horses. **Code for type of tree M17:** 1. Timber trees; 2. Fruit trees; 3. Fodder trees; 4. Medicinal; 5. Improved fallow trees; 6. Hedge trees/bushes; 7. None; 96. Others (specify……..)

***Proportion of the plot covered by the MAJOR soil conservation practice is the area of the plot conserved or protected by the SC, e.g., if diversion channels only protect half of the plot, then proportion covered by SC is 50%

Part G5b. Input Use for <u>All Crops</u> Grown By the Household during the season B of 2014 (February-June 2014). Please MATCH parcel IDs (PID) and plot IDs (PLID) as recorded in Table G5a

Consider only 3 main intercrops if you encounter more than 3 crops on a plot. If the plot has different crop varieties, use same row and separate the different varieties by comma. **<u>For intercrops, record information on main crop first, then put intercrop(s) in the next row(s) and make sure that PID and PLID are EXACTLY the same</u>**

Parcel ID (**as in Table G5a**)	Plot ID (**as in Table G5a**)	Crop(s) grown (**Crop codes**)	Crop area (acres)	Cropping system 1 = monocropping 2=Interncropping	Crop variety: **1= Local 2=Improved**	Percent of area under main crop in intercrop (e.g. 50%)	Quantity of seed used from own saved seed (kg)	Quantity of seed purchased (kg)	Total cost if purchased (**LC**)	Principle decision maker & manager **Use person ID**	Who spent most time working on this plot? **Use person ID**	Type of Inorganic Fertilizer 1 used (codes).	Quantity of fertilizer 1 (kg) in M30	Type of Inorganic Fertilizer 2 used (codes).	Quantity of fertilizer 2 (kg) in M32	Type of organic inputs (codes)	Quantity of organic inputs used (dry form equiv.). (kg)	Quantity of pesticides (kg/litres)	Quantity of herbicides (kg/litres)	Hired labor cost (LC)	Stress/ pest /disease incidence on field	Use of crop residues after harvest (codes)	Total harvest	
																							Dry (kg)	Fresh/ Green (kg)
PID	PLID	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36	M37	M38	M39	M40	M41	M42

CEREALS: 01 = Maize; 2 = Sorghum; 3 = Millet; 4 = Rice; 5 = Teff; 6=Wheat. **TUBERS & ROOTS:** 7 = Cassava; 8 = Sweet potatoes; 9 = Irish potatoes; 10 = Yams; 11 = Carrots. **LEGUMES**: 12 = Beans; 13 = Groundnuts; 14 = Soyabeans; 15 = Pigeon Peas; 16 = Green grams; 17 = Cowpeas. **VEGETABLES**: 18 = Cabbage; 19 = Kale; 20 = Amaranth; 21 = Other green leafy vegetables; 22 = Onions; 23 = Green peppers; 24 = Eggplants; 25 = Chilies; 26 = Mushrooms; 27 = Okra. **FRUITS:** 28= Sweet Bananas; 29 = Banana; 30 = Tomatoes; 31= Orange; 32 = Avocado; 33 = Pineapple; 34 = Pumpkin; 35 = Mango; 36 = Papaya; 37 = Lemon trees; 38 = Watermelon; 39 = Passion fruit; 40 = Jackfruit. **SPICES:** 41 = Ginger; 42 = Cardamon; 43 = Chilies; 44 = Lemongrass; 45= Black pepper. **TREES/EXPORT CROPS:** 46 = Coffee; 47 = Cotton; 48 = Cocoa; 49 = Timber; 50 = Palm trees (for palm oil); 51 = Fuelwood trees; 52 = fodder; 53 = Sugarcane; 54 = Tobacco; 55 = Tea; 56: Others: specify

Code for fertilizers: add possible combination M30 & M32: 0: No fertilizer; 1=Diammonium Phosphate (DAP); 2=UREA; 3=NPK; 4=Calcium Ammonium nitrate (CAN); 5=MonoAmmonium Phosphate (MAP); 6=Triple Super phosphate (TSP); 7=Single superphosphate (SSP); 8=Other (Specify)_____

Codes for organic input M34: 1= Crop residues; 2= Animal manure; 3= Compost; 4 =Natural fallow; 5 =Improved fallow; 6 =Legume cover crop; 7 =Biomass transfer; 8=Agroforestry; 9=Household refuse, 10= Other (specify)_____

Stress/ pest /disease incidence on field M41: 0. No stress; 1. Insect pests; 2. Diseases; 3. Water logging; 4. Drought; 5. Rodents; 6. Low soil fertility; 7.. Other, specify……

Code for use of crop harvest residues M42: 1= Left on the field to decompose; 2= Left on the field for grazing animals, 3=Removed from the field and fed to animal; 4=Removed from the field and put in compost; 5= Sold; 5= Removed from field to use as cooking fuel, 6=other (specify)

Part G5c: Crop Harvested and Utilization during Season B of 2014 (February 3-June 2014)

Record one row per crop (e.g. add production from all cassava plots together in the season above)

Crops **(From Part G5b)**	Total **DRY** harvest in **M43**											Total **FRESH/GREEN** harvest in **M44**										
	Total DRY harvest **(kg)**	Mode of sale if sold See codes	Quantity sold alone **(kg)**	Total value of sales	Quantity sold collectively **(kg)**	Total value of sales	Main decision maker during sales See codes	Main decision maker on how to use revenues	Amount consumed **(kg)**	Livestock feed **(kg)**	Other amount (store, seed, etc)	Fresh/ green (Kgs)	Mode of sale if sold See codes	Quantity sold alone **(kg)**	Total value of sales	Quantity sold collectively **(kg)**	Total value of sales	Main decision maker during sales See codes	Main decision maker n how to use revenue	Amount consumed **(kg)**	Livestock feed **(kg)**	Other amount (store, seed, etc)
M20	M43	M44	M45	M46	M47	M48	M49	M50	M51	M52	M53	M54	M55	M56	M57	M58	M59	M60	M61	M62	M63	M64

Codes for M44: 1= Alone, 2= Collective marketing through farmer groups/marketing association, 3= Both

Codes for M49, M50, M60, M61: 1= Husband, 2= Wife, 3= Other male member, 4= Other female member 5= Joint

Where do you buy the fertilizer used in your parcels? _____ 1= farmer association/kiosk; 2= private agro dealer; 3= agro dealer in Bukavu; 4=support NGO; 4= Public service; 5= other (specify)

On a piece of paper, make a sketch containing all the blocks operated by the household during the 2013 Season A. Make this new sketch only if the number of plots for some parcels changed from the number reported during the season B 2014 (section G5a). Consider your home as a reference point to establish the sketch. Give a name to each plots (preferably suggested by the farmer, for example 'Valley' name) and identification following the same procedure as G5a.

G6a. Land use and conservation practices. Consider all **PARCELS** accessed and **ALL SEPARATE PLOTS** on each parcel operated in the season A of 2013 (September 2013-January 2014) (owned, rented in or borrowed in).

Parcel name	Parcel ID	Plot name	Plot ID	Parcel area (acres)	Walking distance from home (mins)	Ownership status (codes)	Ownership by gender (codes)	Primary land use (codes)	**MAJOR** Soil conservation practice (SCP) (code)	Prop^{n} plot covered by the MAJOR SCP***	Year when the MAJOR SCP was established	Perceived change in area under SCP practice in last 5 years	Main reason for change in S10 (codes)	Average annual cost of SCP maintenance	Perceived change in soil fertility status of plot last 8 years	Main reason for change in S13(codes)	Livestock grazing on plot: 1. Yes; 2. No	Type of animals grazed (codes)	How long animals grazed on (days)	Type of trees on plot (codes)	Number of trees on the plot
PName	PID	PLName	PLID	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18

Landownership codes S3: 1=Owned, 2= Rented in, 3=Borrowed in, 4=Sharecropped in, 5 = other _____: **Ownership by gender S4:** 1= Husband, 2= Wife, 3= Other male member, 4= Other female member 5= Joint
Primary use of the field S5: 1=Cultivated (annual crops), 2=Cultivated (perennial crops), 3=Rented-out, 4=Fallow, 5=Grazing land, 6=Woodlot, 7= Homestead, 8= Pasture land, 9 =Fish farming, 10 = Other specify
Soil conservation practices S6: 1=Mulching, 2=Trenches/Diversion channels, 3=Fallow, 4=Contour ploughing, 5=Grass/bench terraces, 6=Trench, 7=Minimum tillage, 8=Hedges, 9=Alley cropping, 10=Tresh line/stone/soil bunds, 11=Agro-forestry, 12=Others (Specify)_____: : **Perceived change codes S10 & S13:** 1= Increased: 2= Decreased: 3= No change: **Main reasons for change in area under SCP S11:** 1=Increased land scarcity, 2= Labor intensive, 3= SC attracts rodents, 4= Increased soil erosion, 5= Reduced soil fertility, 6= increased rain fall intensity, 7= Reduction of soil erosion, 8= reduced rain fall intensity, 9= Awareness of the benefits of the technology, 10= better access to technology, 11= Reduction of labour cost for the technology, 12= other specify _____: **Codes for main reason for change in Soil Fertility S14:** 1=increased use of mineral fertilizer on the parcel, 2=increased use of organic manure on the plot, 3=increased use of combination of mineral fertilizer and organic manure on the parcel, 4=leaving the parcel fallowed (uncultivated) for some seasons, 5=practices of erosion control measures, 6= lack of capacity (morney) to use chemical and organic fertilizers, 7= Continuous cropping without fallow, 8= destruction of soil conservation structures, 9= increased in fertilizer price, 10= increased in labour cost, 11= others (specify) _____:: **Type of animals grazed codes S16:** 1= Cattle 2= goats or sheep 3= Pigs 4= Donkeys 5= Horses. **Code for type of tree S18:** 1. Timber trees; 2. Fruit trees; 3. Fodder trees; 4. Medicinal; 5. Improved fallow trees; 6. Hedge trees/bushes; 7. None; 96. Others (specify……..)

***Proportion of the plot covered by the MAJOR soil conservation practice is the area of the plot conserved or protected by the SCP, e.g., if diversion channels only protect half of the plot, then proportion covered by SC is 50%

Part G6b. Input Use for <u>All Crops</u> Grown By the Household during the Season A of 2013 (September 2013-January 2014). Please MATCH parcel IDs (PID) and plot IDs (PLID) as recorded in Table G6a

Consider only 3 main intercrops if you encounter more than 3 crops on a plot. If the plot has different crop varieties, use same row and separate the different varieties by comma. **<u>For intercrops, record information on main crop first, then put intercrop(s) in the next row(s) and make sure that PID and PLID are EXACTLY the same</u>**

Parcel ID (**as in Table G5a**)	Plot ID (**as in Table G5a**)	Crop(s) grown (**Crop codes**)	Crop area (acres)	Cropping system 1 = monocropping 2=Interncropping	Crop variety: **1= Local 2=Improved**	Percent of area under main crop in intercrop (e.g. 50%)	Quantity of seed used from own saved seed (kg)	Quantity of seed purchased (kg)	Total cost if purchased (**LC**)	Principle decision maker & manager **Use person ID**	Who spent most time working on this plot? **Use person ID**	Type of Inorganic Fertilizer 1 used (codes).	Quantity of fertilizer 1 (kg) in S30	Type of Inorganic Fertilizer 2 used (codes).	Quantity of fertilizer 2 (kg) in S32	Type of organic inputs (codes)	Quantity of organic inputs used (dry form equiv.). (kg)	Quantity of pesticides (kg/litres)	Quantity of herbicides (kg/litres)	Hired labor cost (LC)	Stress/ pest /disease incidence on field	Use of crop residues after harvest (codes)	Total harvest	
																							Dry (kg)	Fresh/ Green (kg)
PID	PLID	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38	S39	S40	S41

CEREALS: 01 = Maize; 2 = Sorghum; 3 = Millet; 4 = Rice; 5 = Teff; 6=Wheat. **TUBERS & ROOTS:** 7 = Cassava; 8 = Sweet potatoes; 9 = Irish potatoes; 10 = Yams; 11 = Carrots. **LEGUMES**: 12 = Beans; 13 = Groundnuts; 14 = Soyabeans; 15 = Pigeon Peas; 16 = Green grams; 17 = Cowpeas. **VEGETABLES**: 18 = Cabbage; 19 = Kale; 20 = Amaranth; 21 = Other green leafy vegetables; 22 = Onions; 23 = Green peppers; 24 = Eggplants; 25 = Chilies; 26 = Mushrooms; 27 = Okra. **FRUITS:** 28= Sweet Bananas; 29 = Banana; 30 = Tomatoes; 31= Orange; 32 = Avocado; 33 = Pineapple; 34 = Pumpkin; 35 = Mango; 36 = Papaya; 37 = Lemon trees; 38 = Watermelon; 39 = Passion fruit; 40 = Jackfruit. **SPICES:** 41 = Ginger; 42 = Cardamon; 43 = Chilies; 44 = Lemongrass; 45= Black pepper. **TREES/EXPORT CROPS:** 46 = Coffee; 47 = Cotton; 48 = Cocoa; 49 = Timber; 50 = Palm trees (for palm oil); 51 = Fuelwood trees; 52 = fodder; 53 = Sugarcane; 54 = Tobacco; 55 = Tea; 56: Others: specify

Code for fertilizers: add possible combination S30 & S32: 0: No fertilizer; 1=Diammonium Phosphate (DAP); 2=UREA; 3=NPK; 4=Calcium Ammonium nitrate (CAN); 5=MonoAmmonium Phosphate (MAP); 6=Triple Super phosphate (TSP); 7=Single superphosphate (SSP); 8=Other (Specify)_____

Codes for organic input S34: 1= Crop residues; 2= Animal manure; 3= Compost; 4 =Natural fallow; 5 =Improved fallow; 6 =Legume cover crop; 7 =Biomass transfer; 8=Agroforestry; 9=Household refuse, 10= Other (specify)_____

Stress/ pest /disease incidence on field S41: 0. No stress; 1. Insect pests; 2. Diseases; 3. Water logging; 4. Drought; 5. Rodents; 6. Low soil fertility; 7.. Other, specify……

Code for use of crop harvest residues S42: 1= Left on the field to decompose; 2= Left on the field for grazing animals, 3=Removed from the field and fed to animal; 4=Removed from the field and put in compost; 5= Sold; 5= Removed from field to use as cooking fuel, 6=other (specify)

Part G6c: Crop Harvested and Utilization during Season A of 2013 (September 2013-January 2014**)**

Record one row per crop (e.g. add production from all cassava plots together in the season above)

Crops **(From Part G5b)**	Total **DRY** harvest in **S43**											Total **FRESH/GREEN** harvest in **S44**										
	Total DRY harvest **(kg)**	Mode of sale if sold See codes	Quantity sold alone **(kg)**	Total value of sales	Quantity sold collectively **(kg)**	Total value of sales	Main decision maker during sales See codes	Main decision maker on how to use revenues	Amount consumed **(kg)**	Livestock feed **(kg)**	Other amount (store, seed, etc)	Fresh/ green (Kgs)	Mode of sale if sold See codes	Quantity sold alone **(kg)**	Total value of sales	Quantity sold collectively **(kg)**	Total value of sales	Main decision maker during sales See codes	Main decision maker n how to use revenue	Amount consumed **(kg)**	Livestock feed **(kg)**	Other amount (store, seed, etc)
S20	S42	S43	S44	S45	S46	S47	S48	S49	S50	S51	S52	S53	S54	S55	S56	S57	S58	S59	S60	S61	S62	S63

Codes for S43, S54: 1= Alone, 2= Collective marketing through farmer groups/marketing association, 3= Both

Codes for S48, S49, S59, S60: 1= Husband, 2= Wife, 3= Other male member, 4= Other female member 5= Joint

Part G7: Use of warrantage
(If the answer to B=3, skip columns C, D, till P and move to the next season)

Crop season	Market strategy (Code B	Products (Codes C)	Quantity deposited	Units	FC/unit at storage time	Institution/ name that issued loan(Codes G)	Total amount of loan received in FC	Period covered by loan (in months)	Interest rate per month	Extra money received from group	Price par unit of kg sold at group	FC/unit sold at local market at selling period			Total kg lost due to storage
	B	C	D	E	F	G	H	I	J	K	L	M			P

Codes A: 1= B_2013 (from September 2013 to January 2014); 2=A_2013 (from February to August 2013). Codes B: Market strategy: 1=warrantage (products as collateral of loan); 2= collective selling; 3= sold individually; Codes C: 1= beans; 2=soybean; 3=cassava cossets ; 4=other (specify) /_____/
Codes D: 1= micro-financing institution (write its name) /_____/; 2= association itself; 3= others (specify) /_____

Part G8: Market access

6.1 Distance to input and output markets frequented by the household from September 2013 to August 2014?

No	Market name	Market type (Codes C)	Market location (Codes D)	Agri product sold (Codes E)	Agri product bought (CodeF)	Inputs bought	Time on foot from home (in minutes)	Market frequency /week	Name point on main road from where you reach market
A	B	C	D	E	F	G	H	I	J
01									
02									

Code C: 1=input; 2=output; 3= input and output; Code D: 1=village; 2= rural center; 3=urban center; 4=association kiosk/store; Codes E and F: 1=cassava; 2=banana; 3= beans; 4=soybean; 5=groundnut; 6=maize; 7= sorghum; 8=sweet potato; 9= irish potato; 10=yam; 11= taro; 12=vegetables; 13=fruits; 14=coffee; 15=cinchona; 16=other (specify)

Part H: Livestock ownership

Type of livestock owned	Total # owned Now	# owned by women out of H1	Main feeding practice (see code)	# of improve/ crossbreed out of H1	# of youngs out of H1	# used for traction out of H1	# sold in last 12 months	Total value of sold animals (LC)	# consumed in last 12 months	# given out as gifts, dowry, etc	# of adult females out of H1	# of pregnant out of H11	# being milked now out of H14	Lactation length/ weaning (months)	Milk yield, peak (ltr/day)	Milk suckled at peak (%)	Milk yield, off-peak (ltr/day)
LID	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17
1. Cattle																	
2. Goats																	
3.Donkeys																	
4.Horses																	
5.Dog																	
6. Bees																	
7. Sheep																	
8. Pigs																	
9. Guinea pigs																	
10. Rabbits																	
11. Chicken																	
12. Turkeys																	
13. Ducks																	
14. Guinea fowls																	
15. Geese																	
16. Pigeons																	
17 .Others, Specify																	

Codes for feeding practices H3: 1= Individual grazing; 2= Collective grazing; 3= Open grazing/ Free range; 4= stalls feeding/zero grazing;5=Supplements purchase; 6= Tethering; 7=Other (specify) _____

HC1. What are the estimated total veterinary costs on livestock during rainy season A? _____ (LC) rainy season B? _____ (LC) and dry season ? _____ (LC)

HC2. What is the total expenditure on hired labor for livestock during rainy season A? _____ (LC) rainy season B? _____ (LC) and dry season ? _____ (LC)

HC3. What is the total expenditure on **DRY** animal feeds (e.g. maize stover, crop straws) during rainy season A? _____(LC) rainy season B? _____(LC) and dry season ? _____(LC)

HC4. What is the total expenditure on **GREEN** animal feeds (e.g. cut grass, crop leaves/stems) during rainy season A? _____(LC) rainy season B? _____(LC) and dry season ? _____ (LC)

HC5. What is the total expenditure on animal **CONCENTRATES** during rainy season A? _____ (LC) rainy season B? _____(LC) and dry season ? _____ (LC)

HC6. Number laborers during **rainy season A**: adult males ___ adult females ___ Children ___ hired ___; **rainy season B**: adult males ___ adult females ___ Children ___ hired ___ and dry season? Adult males ___ adult females ___ Children ___ hired ___

Part J. Livestock products

J0. Did you have any other livestock production, besides cow-milk, in the past 12 months on your farm? 1= Yes, 0= No ___

Livestock Product		Number of production months in the past 12 months	Average production per month during production months		Amount sold per month (use the same unit in **J3**)	Price received per unit (the same unit as in **J3**) on the largest sale **	How much did you earn in total in the past 12 months (LC)?
			Quantity	Unit of Prod. 1 Kgs 2 Litres 3 Trays 4 Numbers			
	season	**J1**	**J2**	**J3**	**J4**	**J5**	**J6**
1. Cow's milk	Rainy ssn A						
	Rainy ssn B						
	Dry season						
2. Goat's milk	Rainy ssn A						
	Rainy ssn B						
	Dry season						
3. Ghee							
4. Cheese							
5. Yoghurt							
6. Eggs							
7. Honey							
8. Meat							
9. Hides and skin							
10. Beeswax							
11. Other*, specify							

*****Only when this product incurs significant amount of the income, report (e.g. fish cultivation)

** Even when households did not sell, ask the hypothetical price (how much it would be if households sold the products)

Part K: Other Sources of income in the last 12 months, INCLUDE all sources except crop and livestock

Who earned/received? **Use family code from Part B: Household composition and characteristics**	Sources of income **Use Codes**	Total income from each source (cash & in-kind)	
		Cash **(LC)**	Payment in kind **Cash equivalent**
K1	**K2**	**K3**	**K4**

Codes K2

1. Rented/sharecropped out land
2. Rented out oxen for ploughing
3. Salaried employment
4. Farm labour wages
5. Non-farm labour wages
6. Non-farm agribusiness income (e.g. grain milling/trading)
7. Other business NET income (shops, trade, tailor, sales of beverages etc)
8. Pension income
9. Drought/flood relief
10. Safety net or food for work
11. Remittances (sent from non-resident family and relatives living elsewhere)
12. Marriage gifts
13. Sales of firewood/charcoal
14. Brick making
15. Poles from own and communal forests
16. Sale of crop residues
17. Quarrying stones
18. Rental property (other than land and oxen)
19. Interest from deposits
20. Social cash transfer
21. Sale of livestock & livestock products
22. Other, specify ……..……...

Part L: Access to extension/training and credit services since 2012

L1. In the last 2 years, has anyone from your household received agricultural extension or training service? ___ 1= Yes, 0= No

L2. If yes to **L1**, how many times (# of contacts) have you or any member of the household been in contact with extension services agent from: Government _____ others agricultural organization (e.g. NGOs) _____ fellow farmers _____

L3. If yes to **L1**, the main area(s) of training/extension? 1_____ 2 _____ 3 _____

1=Organic fertilizer use/making compost, 2=Inorganic fertilizer use, 3= Agronomic practices, 4=Agroforestry, 5= Improved Cows related (zero grazing), 6= Other livestock related, 7= Soil/water conservation, 8= Adoption of improved agricultural technologies, 9= Other (specify)

L4. In the last 2 years, has anyone from your household received any credit service? ___ 1= Yes, 0= No

L5. If No to L4, give reasons? ____

0. No reason, 1. Borrowing is risky, 2. Interest rate is high, 3. Too much paper work/ procedures, 4. Expected to be rejected, so did not try it, 5. I have no asset for collateral 6. No money lenders in this area for this purpose, 7. Lenders don't provide the amount needed, 8. No credit association available, 9. Not available on time, 10= Lack of Collateral, 12= Do not know where to get the credit from , 13= Others, specify

L6. If Yes, fill the following table

Source of credit,	**Amount (LC) (convert in-kind credit into cash)**	**Main use of credit (see codes)**
L6a	**L6b**	**L6c**
1.Friend or relative		
2.Government agency		
3.Formal commercial bank		
4.Microfinance Institution		
5.Non-Governmental Organisation (NGO)		
6.Community Based Organisation (CBO)		
7.Self-help group		
8.Private money lender		
9.Shopkeeper/Store's credit		
Others..		

Code L6c: 1)Buy seed, 2) Buy fertilizer, 3) Buy other farm inputs (pesticides, herbicides, fungicides) 4) pay school fees and other school materials, 5) Buy food, 6)medical expenses, 7)Buy farm implements (hoes, panga, tractor, oxen, spray pump), 8) Hire farm land, 9) Buy farm land, 10) Non-farm business or trade, 11) Others specify____

Part M: Communal Property Resources

Does the house have access to and use regularly any of the following communal resources?	Have access (1=Yes 2=No)	Use regularly (1=Yes 2=No)
Grassland grazing resources:		
Forest grazing resources:		
Water/Irrigation resources:		
Structures controlling erosion:		
Forest for fuel collection:		
Forest for plant food collection:		
Forest for animal food collection (hunting):		
Water bodies for fishing:		

Part N: **Multi-stakeholder platforms and intervention landscape**

N1. Are you involved in only (exclusively) in farming? 1= Yes, 0= No _____

N2. Whom have you discussed about and worked with improving your agricultural activity recently?

	Vous avez débattu de sur vos activités agricoles ? 1=Oui, 0= Non	Vous avevez travaillé ensemble ? 1= Yes, 0= No	Si vous avez parlé et travaillé avec les structures susmentionnées, en quoi la démarche s'est avérée utile pour améliorer vos activités agricoles? 1(Très inutile) 2 3 4 5(Très utile)
Input suppliers, (seed, fertilizer suppliers)			
Farmers, agricultural producers			
Trader or brokers			
wholesalers or retailers			
consumers			
local or national researchers			
international researchers			
extension officers			
local politicians			

N3. Have you ever participated in a multi-stakeholder platform such as innovation platforms (IP), research for development (R4D)? 1= Yes, 0= No _____

N4. If yes how useful was it? **1 (very useless) 2 3 4 5 (Very useful)** _____

N5. If yes, which platforms have you participated before in which roles? Please choose as many as apply

	Role played in the platform						Name of the platform
Platform Type	Participant	Facilitator	Manager	Documenting Person	Organizer, logistics person	Others	Please specify the name if valid
Participatory Value Chain Development Groups (PVC)							
Innovation Platform (IP)							
Research for development platform (R4D)							
Agricultural and rural management councils (CARGs)							
Public private platforms (PPP)							
Civil society platform (CSP)							
Others							

N6. Do you know any research or development project/programme currently being implemented in your area?

Name: _____

Implementer: _____