

CROSS REGIONAL HOUSEHOLD SURVEY ON OIL PALM

Version, October 16 2013

A. INTRODUCTION AND CONSENT BY MAIN RESPONDENT

Has consent been given? <CONS> 1=YES, 2=NO

Signature _____

If no, request a replacement household from supervisor (and start a new questionnaire)

Hello. My name is [interviewer name] _____. I am working with the [research institution] _____. We are conducting a survey to understand what are the main characteristics of oil palm expansion and the reasons why it has been adopted by smallholders in this region. We also want to know what have been the implications of planting oil palm for you and your family in terms of land dedicated to this crop, the contribution of income from oil palm to your household income and your perceptions about this crop. We also will ask some questions with regard to your household, your assets and your main sources of income. The aim of this research is to understand how oil palm has expanded, has changed peoples way of living in [region] _____. It should not take longer than one to one and half hours of your time. Approximately [number] _____ people in different villages in [region] _____ will take part in this study, including approximately [number] _____ people from this village.

We would like to share the results of the study, so that more people understand how oil palm is produced and commercialized in this region and the issues that you face regarding land management, use of inputs and access to credit and other resources, as well as markets. Your name will not appear in any data that is made publicly available. The information you provide will be used purely for research purposes; your answers will not affect any benefits or subsidies you may receive now or in the future.

Do you consent to be part of this study? You may withdraw from the study at any time and if there are questions that you would prefer not to answer then we respect your right not to answer them.

B. DATA HANDLERS

Country ID: <CID>	Site ID: <SID>	Household ID: <HHID>
District/Municipality Name: <HDNAME>	GPS reference for household (Lat/Long in decimal degrees): Latitude: <HHLAT> °S Longitude: <HHLONG> °E	
Village/Community Name: <FK_SETTLE>		
Village/Community Code: <HVCODE>		
Local currency: <HLUNIT>	List the category to which this household belongs: <PRODTYPE>	
Enumerator's Name: <HENNAME>	1. Independent smallholder <input type="checkbox"/>	
Date of 1 st visit (dd-mm-yyyy): <HVISITDT>	2. Outgrower farmer <input type="checkbox"/>	
Date of interview (dd-mm-yyyy): <HINTERVDT>	3. Associated smallholder <input type="checkbox"/>	
Time Start:	4. Other, please specify	
Time End:		
If interview not held during 1st visit please give reason _____ <i>1= Nobody home, 2 = Respondent refuses to participate, 3 = Respondent postponed the interview, 4 = Household head (or other knowledgeable member) is not present at the house, 5 = Other [_____]</i>		

C. HOUSEHOLD RESPONDENT AND TYPE

Ideal respondent: household head or spouse.

Gender of respondent <RESGEN>		Female <input type="checkbox"/>	Male <input type="checkbox"/>
Name Head of Household:	First name:	<HEADNAM1>	
	Last name:	<HEADNAM2>	
Name of respondent	First name:	<RESPNAM1>	
	Last name:	<RESPNAM2>	
Relationship of the respondent to the household head, if not the head <HHRELAT>	<input type="checkbox"/>	1 = Wife / spouse in a polygamous household please identify if it is first, second, third wife; 2 = Other family member; 3 = Other non-family member	
Cell phone number of Respondent			
Household type	<input type="checkbox"/>	<HHTYPE> 01=Male headed, with a wife or wives, 02=Male headed, divorced, single or widowed, 03=Female headed, divorced, single or widowed, 04=Female headed, husband away, husband makes most household/agricultural decisions, 05=Female headed, husband away, wife makes most household/agricultural decisions, 06=Child headed (age 16 or under)/Orphan 96=Other, specify [.....]	
Has your family always lived in this village/community ? <HRES> Yes <input type="checkbox"/> No <input type="checkbox"/>			
If No: When did you/your family moved here? (Month and year) <HRESY> _____			
Where did you move from? (District/Municipality name) <HRESL> _____ Province _____ <HRESD>			
Why did you move to this village/community ? <HRESREAS> _____ 1. Jobs available, 2. School / Studies, 3. Marriage, 4. Other Family Reasons, 5. Better Services / Housing, 6. Land / Plot, 7.Other, Specify			

D. DEMOGRAPHY

Could you list all members of your household including yourself? We consider member of a household all people that regularly eat in your household, even if they are not related to you. Please start with yourself first, followed by your spouse/spouses and your children. Please also list any workers that live with you.

HH member ID	Name (*) <NAME_MEMHH>	Sex <SEX> 1 = Male 2 = Female	Age <AGE>	Relationship to head of Household <REL_HH> Use Key 1	Occupation <OCCUPAT> No key, pls specify exactly the job title	Has*been employed last week? <EMPLOY> 1 = Yes 2 = No	Marital Status <MAR_STATUS> Use Key 2	If married, does spouse live in this household now? <SPO_LIVE> 1 = Yes 2 = No	If married, is the spouse from this village? <SPO_HERE> 1 = Yes 2 = No
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
Key 1	1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other								
Key 3	1=Single 2=Married formal, 3= Married informal, 4=Polygamous Married, 5=Separated, 6=Divorced, 7=Widow/widower								

E. LAND ASSETS

I would like to ask a few questions about the land/s that your household uses.

Plot ID	Size <SIZE>	Unit of size <UNIT> Use Key 1	Tenure <TENURE> Use Key 2	Ownership <OWNER> Use ID codes of HH members. Use and specify others	Mode of acquisition <MODE_AC> Use Key 3	What year was this plot acquired? <YEAR_AC>	Has some conflict with neighbours or others? <CONFLICT> 1 = Yes 2 = No	Sources of water <WATER> Use Key 4	Distance from house (m) <DIST>	If cultivated, enter first year of cultivation <YEAR_CUL> If not cultivated, leave blank.	Who makes the decision of what to cultivate? <DEC_CULT> Use Key 5
1											
2											
3											
4											
5											
Key 1	1 = Acre, 2 = Hectare, 3 = Metre square, 4 = Other, specify conversion in metric system										
Key 2	1= Title deed, 2= Owned but not titled, 3= Communal land, 4= Rented-in, 5= Sharecropped, 6=Other short term arrangement, 7= Other (specify)										
Key 3	1 = Inherited, 2 = Donated, 3 = Bought, 4 = Borrow for free, 5 = Rent, 6 = Others, specify										
Key 4	1 = Rainwater, 2 = Tanks, 3 = Infrastructure for water harvesting, 4 = Dams or water ponds, 5 = Boreholes, 6 = Water pumps, 7 = River/stream, 8 = Lake										
Key 5	1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other										

Has already sold to others some land individually owned that had planted some oil palm on it? <SELL_OPLAND>

YES

NO

F. LAND USE

I would like to ask a few questions about the land use in the different plots you have enumerated above

Plot ID	Main land use when the plot was acquired? <LANDUSE> Use Key 1	Total area of the different land uses in each of the plots (specify the name of the crop)								If plot with oil palm, answer the following			
		Annual crops <ANNUAL>	Oil palm <PALM>	Other perennial <OTHER>	Annual integrated with perennial crops <INTEG>	Fallow <FALLOW>	Pasture / Grazing area <PASTURE>	Forests <FORESTS>	Other (specify) <OTHER>	Year of oil palm planting <YEAROP>	Intercropped <INTERC> 1 = Yes, 2 = No	Variety <VARIETY>	No. of oil palm trees <NO_OP>
1													
2													
3													
4													
5													
Key 1	1= annual crops, 2=oil palm, 3=other perennial crop, 4=annual crops integrated with perennial crops, 5= Fallow, 6= grazing area, 7= Forest, 8= other, specify												

Who makes the decision of what to cultivate? <DECISION_OP>

Product (more than one) Use Key 1	Member of the HH, specify Use Key 2

Key 1	1= annual crops, 2=oil palm, 3=other perennial crop, 4=annual crops integrated with perennial crops, 5= Fallow, 6= grazing area, 7= Forest, 8= other, specify
Key 2	1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other

G. OIL PALM PRODUCTION AND LABOUR

I would like to ask you some more questions about your field inputs and yield

Plot	Total quantity harvested in the last year <CRPHRVSTD>	Volume unit <VLME_UNT>	Did you buy fertilizer in the last year? <FPRCHSE> 1 = Yes, 2 = No	How many times you fertilize the field per year? <FLTUSE> numeric	Where did you buy the fertilizer? <YSTATFD> 1 = In the market, 2 = In the association, 3= to the company	Compared to other farmers was your yield x <YPFME> 1 = average, 2 = better, 3 = worse	Did you consume a portion of your production for yourself in the last year? <PORCONS> 1 = Yes, 2 = No	Total volume consumed used in the last year <VOLUSED>	Total volume sold in the last year <VOLSOLD>
1									
2									
3									
4									
5									
							If NO, please ask question VOLSOLD		

Could you tell me how you divide the workload on the oil palms? Can you estimate how many days per week did you spend on different tasks?

Enumerators: Please ask how many days per week for each category.

	Woman	Man	Children	Paid labor
Nursery				
Pruning				
Weeding				
Fertilization				
Harvesting				
Collecting FFB				
Processing				
Other, specify				

How many workers have you hired in the last 12 month

Permanent Casual

Can I ask you what the usual wages are you paying?

Indicate the currency [.....]

Enumerator: please tick whether workers are paid per day or per month. Fill in the appropriate amount for each work option

	Field preparation	Planting	Field maintenance	Harvesting	Other, specify
Per day					
Per month					

H. FARM AND DOMESTIC ASSETS

I would now like to ask you about different domestic, transport, and farm items your household owns. I will ask you item by item, and if your household possess this item, please tell me how many and who owns it.

Enumerator: Prompt for each item listed below, and ask the relative age and the ownership by gender

Name of Asset <ASSETTYPE>	Total Number owned <ASSET_N>	Age of asset (number in this age group)			Number owned by male <ASSET_M>	Number owned by female <ASSET_F>	Number owned jointly <ASSET_J>
		< 3 years <ASSET_1Y>	3-7 years <ASSET_2Y>	> 7 years <ASSET_3Y>			
Domestic							
1. Gas Stove/Gas cooker							
2. Kerosene Stove							
3. charcoal/wood fuel stove							
4. Refrigerator							
5. Radio							
6. Television							
7. Mobile phone							
8. Sofa set							
9. Sewing Machine							
10. Water Tanks							
11. Diesel engines							
Transport							
12. Car/Truck							
13. Motorcycle							
14. Bicycle							
15. Cart (animal drawn)							
Farm							
16. Hoes							
17. Spades/shovel							
18. Ox-Ploughs							
19. Sprayer pump							
20. Water pump-manual							
21. Water pump-diesel							
22. Milking Cans							
23. Granary							
24. Grain Miller							
25. Locally specific assets (e.g. jewellery)							

I. INCOME

During the last 12 month did any cash come to the household through any of the following means?

Means of CASH income in the last 12 month (please mark all that apply in the next column) <H_INCSRCE>	Mark the single most important source of cash income here: <HINCMOSTIMP>	Please estimate the annual household income from all household members over the past 12 months (excluding this survey month)	
		Amount over past 12 months (local currency) <H_INCYR>	Amount over month prior to this survey month (local currency) <H_INCMO>
1. Sale of food crops			
2. Sale of livestock			
3. Sale of livestock products			
4. Sale of oil palm			
5. Sale of other cash crops, specify			
6. Income from some business owned by the household			
7. Wages or salaries in cash			
8. Other casual cash earnings			
9. Cash remittances			
10. Fishing			
11. Selling local brew			
12. Sale of forest products (e.g. charcoal, firewood, timber, honey, medicinal plants, wild foods)			
13. Rent received			
14. Pension received			
15. Governmental allowances			
16. Other (Specify: <H_INCOTH>)			
17. Estimated Total Annual Household Income		<HINCTOT1>	<HINCTOT2>

What is the main destination of the incomes obtained from oil palm production? <INCOME_OP> <i>Tick all the options that correspond</i>	1. Savings	
	2. Food	
	3. Family assets	
	4. Education, health	
	5. Other, specify	

J. REMITTANCE

Are there any other members of your family that do not live in your household but help the family with money or other contributions? <HELP>

YES

NO

If yes,

ID	Relationship to head of household <HELPREL> <i>Use Key 1</i>	Occupation <HELPOCUP>	Living where <LIVWHERE>	Contributing <HELPCON> <i>Use Key 2</i>	Frequency <HELPFQ> <i>Use Key 3</i>
Key 1: 1=Head, 2=Spouse, 3=Son/Daughter, 4=adopted son/daughter, 5=Sister/Brother, 6=Grandchild, 7=Father/Mother, 8=Cousin, 9= other					
Key 2: 1=food, 2=money, 3=helps with labour, 4=others					
Key 3: 1= weekly, 2= monthly, 3= if needed					

K. CREDIT

Over the past 12 month did you or anybody else in the household borrow money from an institution? <BOR_MONEY>

YES

NO

I would like to ask about the source and the use of the LARGEST amount your household has borrowed in the last 12 month

Who made the decision to take out the loan? <i>Use Key 1</i> <input type="text"/>
Key 1 1=Head, 2=Spouse, 3=Son/Daughter, 4=Joint decision between head and spouse, 5= other

What is the nature of the source? <i>Tick only one</i>	By when do you think you will be able to pay the credit back? <i>Tick only one</i>	Could you tell us what the main use of the credit was? <i>Tick only one</i>
Commercial banks	Already paid back	Wedding/Ceremony
Micro-finance institute	Within 6 months	Funeral
Insurance company	Within 1 year	School fees
Saving group	Within 3 years	Purchased land
Grocery/local merchant	Greater than 3 years	Oil palm production
Church/Mosque		Other agricultural crops
Family/friends		Purchased livestock
Farmers association		Business
Intermediaries / middleman		House (build/repair)
Other, please specify		Other, please specify

If has received credit to use in the oil palm plantation, please answer the following?

The main sources of the capital for establishing/expanding/managing his/her plantations come from? <KOP_SOURCE> <i>Tick all that apply</i>	The main uses of this capital were on the following activities? <KOP_USE> <i>Tick all that apply</i>
1. Support from the family, remittances, savings	1. Purchased fertilizer
2. Credit from intermediary	2. Purchase seeds
3. Credit from the company	3. Purchase seedlings
4. Credit from the association	4. Hire labor force
5. Other, specify	5. Other, specify
6. Don't know	6. Don't know

L. PLANTING MATERIAL USED

Please identify the main source of planting material:

Source of planting material <i>Mark the most important sources</i> <PM_SOURCE>	Costs per seed/seedling (last purchase) <PM_COST>	Unit <PM_UNIT>	Estimated % of planting material used from this source respect to total <PM_PERC>
1. Seeds from government			
2. Seeds from local supplier			
3. Seeds from oil palm estate			
4. Seedlings from government			
5. Seedlings from local nursery			
6. Seedlings from oil palm estate			
7. Volunteer seeds (seedlings that grown wild under oil palm trees)			
8. Other			

M. PERCEPTION ABOUT OIL PALM

What in your opinion are the three main benefits and risks of growing oil palm?

Enumerators: Please ask this section to both female and male of the household

Benefits	1)
	2)
	3)
Risk	1)
	2)
	3)

The statements in this section related to perception about growing oil palm.

Answer the following question by ticking that reflects you evaluation of each of the statements given below.

	Agree	Neither agree nor disagree	Disagree
Motivation			
I will not change to another crop			
I will increase the area of oil palm production			
I can sell the oil palm fruit without any problem			
The government provides economic resource to expand oil palm in my lands			
I can obtain high oil palm yields			
Risk perception			
I don't trust the buyers/I don't trust the contractual arrangement with the buyer			
I am afraid that oil palm price will fall down			
I cannot expand my oil palm production because of the lack of credit			
I cannot expand my oil palm production due to lack of tenure security			
I cannot expand my oil palm production because my land is small			
Benefits			
Oil palm plantation has increase the family's standard of living			
The income from oil palm is bigger than other crops			
The income from oil palm is bigger than other income sources			
Satisfaction			
In general, I am satisfy with my oil palm plantation			

N. MARKETS

Could you tell me what you use your oil palm for? Palm wine Cooking Selling Others (specify)

<OP_USE>

Palm wine

Cooking

Selling

Others (specify)

Where do you sell your FFB? Tick the appropriate answer <SELL_FBB>	Based on the amount of total production sold, Which one is your principal market? <PROP_FBB> <i>1= most important</i>	Distance of collection point from the field in Km <DIST_FBB> <i>0=if you sell on the farm</i>	What was the price last month?	
			Price <PRICE_FBB>	Unit <UNIT_FBB>
Association or cooperative				
Middle man				
Oil Palm Mill				
Other, specify				

	How many buyers in each group do you sell your product? <BUYERS_FBB>	In average, how many sales of FBB make per month?	
		Dry season <SELLFBB_DS >	Rainy season <SELLFBB_DS >
Association or cooperative			
Middle man			
Oil Palm Mill			
Other (specify)			

How are the prices negotiated? <PRICEFBB_NEG>		Association or cooperative	Middle man	Oil palm Mill
	1. At the time of the sale			
	2. In advance to a fixed price			
	3. In advance to a variable price			
	4. Other, specify			

What types of agreement are being made for the sale of FFB with the buyers? <AGR_TYPES>		Association or cooperative	Middle man	Oil palm Mill
	1. Verbal agreements			
	2. Signed contracts			
	3. Other, specify			

Do the buyers provide the following? <BUY_SERV>		Association or cooperative	Middle man	Oil palm Mill
	1. Transport			
	2. Advance in credit			
	3. Advance in seeds, inputs			
	4. Other, specify			
	5. Nothing			

Have you faced problems due to the buyers' lack of compliance with the terms of arrangements or contracts? <COMP_BUYER>

YES

NO

If Yes,

What were the main problems? <MAINP_BUYER>	1)
	2)
	3)

Have you faced problems in delivering the FFB agreed with the buyers? <PROB_DEL>

YES

NO

If Yes,

What were the main problems? <MAINP_DEL>	1)
	2)
	3)

O. ORGANIZATION

Do you belong to some oil palm association or cooperative? <OP_ASOCIAT>

YES

NO

What is the name your association or cooperative?

Please, specify <ASOC_OP>

What are the main benefits that receive from the association or cooperative? Mark all that correspond <ASOC_BEN>

1. Access to technical assistance and training	
2. Access to inputs (e.g. seeds, fertilizers)	
3. Access to other benefits, specify	
4. Other, specify	

P. PERCEPTION ABOUT CASH AND FOOD CROPS

I would like to ask you about your perceptions about the main cash and food crops in this regions.

Could you please rate the following crops based on different attributes from very good to very bad?

Country coordinators: Please identify the three main cash crops and the three main food crops typically planted in your region, can include vegetables and fruits

	Very good	OK	Neither good nor bad	Not so good	Very Bad	Not applicable it	
Cash crop 1 (Oil Palm)							Labour
Cash crop 2 (.....)							
Cash crop 3 (.....)							
Food crop 1 (.....)							
Food crop 2 (.....)							
Food crop 3 (.....)							
Same as above							Crop failure
Same as above							Monthly income
Same as above							Savings
							Family welfare