

*This questionnaire should be administered only to the head of the household or his/her spouse. The Questionnaire has 15 sections to be asked to different group of respondents as specified below and in each section header.*

- *Questions in Section A to E; G; and Section N & O: To be administered to all respondents*
- *Questions in Section F: To be asked all respondents EXCEPT Plantation Company employees with farms far away i.e. beyond 50Km from plantation.*
- *Questions in Section H: To be administered to sugarcane growers (in Dwangwa, Tshaneni)*
- *Questions to Section I: To be administered to Employees of Sugarcane and Jatropha Companies (in Dwangwa, Tshaneni, Buzi)*
- *Questions in Section J: To be asked to non-sugarcane growers within the sugarcane area (Dwangwa, Tshaneni) and non-jatropha workers within jatropha area (Buzi, Mozambique)*
- *Questions in Section K: To be asked to jatropha growers (Mangochi)*
- *Questions in Section L: To be asked to non-jatropha growers (Mangochi)*

*The guidelines for enumerator are provided in italics.*

*Do not write on the shaded margins.*

<b>Household ID</b> <i>A1HHOLD_ID</i>	1	<b>Date of interview</b> <i>A2DATE</i>	2	<b>Name &amp; signature of interviewer</b> <i>A3ENUMRATOR</i>	3	<b>GPS</b> E: <i>A4aGPS_EAST</i> S: <i>A4bGPS_SOUTH</i>

*Circle the site of the study and the category the participant belongs to in the table below.*

*A99country;*

*A99project\_type;*

*Respondent\_type*

<b>A. Malawi Dwangwa</b>	<b>B. Malawi Mangochi</b>	<b>C. Swaziland Tshaneni</b>	<b>D. Mozambique Buzi</b>
1.Sugarcane estate worker (Illovo)	6.Smallholder, jatropha	8.Sugarcane estate worker (RSSC)	12.Jatropha estate worker (Niqel)
2.Smallholder, irrigated sugarcane	7.Non-jatropha grower, within jatropha area	9.Smallholder, irrigated sugarcane (SWADE)	13.Non-jatropha worker, Within Niqel area
3.Smallholder, rainfed sugarcane		10.Non-sugarcane grower, within sugarcane area	14.Non-jatropha worker, Outside Niqel areal
4.Non-sugarcane grower, within sugarcane area		11.Non-sugarcane grower, outside sugarcane area	
5.Non-sugarcane grower, outside sugarcane area		15. Workers in community plantations	

## SECTION A: HOUSEHOLD DEMOGRAPHIC AND SOCIO-ECONOMIC PROFILE

### To be administered to ALL respondents

**A1.** The table below should capture key information on the respondent. Pose questions on age, sex, and education level of the respondent as well as headship of the household, and fill in/circle the appropriate response.

A 1.1 Age A6_age	A1.2 Sex A7_sex	A1.3. Head of household A8_headship	A1.4. Relation to household head A9_relation	A1.5. Highest level of education attained A10_head_education
_____	1=Male  2=Female	1=Yes  2=No	1=Head  2= Wife or husband  3 = Both wife and head of the household present	1=No formal schooling 2=Some primary schooling 3=Completed primary schooling 4=Some secondary schooling 5=Completed secondary school or equivalent 6=Completed college/ pre-university /university 7=Completed post-graduate
Years				
<p><b>A2.</b> What is the religion of the head of the household? Circle. A11_religion</p> <p>1=Christian 2=Muslim 3=Traditional 4= No religion 5= Other (Specify) _____</p>				
<p><b>A3.</b> How many years have you been living in this area? _____Years A12_yrs</p>				
<p><b>A4.</b> If you have moved to this area as an adult, why did you move? Circle. A13_if_moved</p> <p>1=My wife/husband is from here 2=They gave me land here 3=Employment opportunity in sugarcane (for Dwangwa, Swaziland) or jatropha (for Mozambique) 4=Other employment opportunity 5=Other reason (Specify) _____</p>				

**A5.** For each member of your household (*not yourself*), please tell us the following Information:

**A5.1** What is his/her relation to you? *Insert the response in the relevant column in the table below.*

**A5.2** What is his/her age? *Insert age (in years)*

*If this person is below 16 please ask: Is that person still at school? Insert (1) if still at school, or (2) in not in school under 5.6*

**A5.3** Sex. *Insert (1) if male, (2) if female*

**A5.4** How many months per year does this person live in your house? *Insert the number of months per year*

**A5.5** What is the highest education level he/she has attained?

**A5.7** What is his/her MAIN occupation? *Insert as appropriate.*

**A5.8** How many months is he/she employed every year? *Insert number*

**A5.9** What is her/his monthly salary? *Insert as appropriate.*

	5.1. HH-member Relation to respondent <i>1=Wife/husband 2 = Child 3 = Brother/Sister 4 = Grand Child 5 = Other (Specify)_____</i>	5.2. age (years)	5.3. Gender <i>1 = Male 2 = Female</i>	5.4. Months per year this person lives in the house	5.5. Education <i>1=No formal schooling 2=Some primary schooling 3=Completed primary schooling 4=Some secondary schooling 5=Completed secondary school or equivalent 6=Completed college/ pre-university / university 7=Completed post-graduate</i>	5.6. If this person is under 16, are they still at school <i>1=Yes, 2=No</i>	5.7 What is this person's MAIN occupation <i>1=farmer 2=Sugar/ Company Employee 3=Other agricultural laborer 4=Artisan 5=Civil Servant, 6=Self-employed/own business 7=Student/pupil 8=Unemployed, 9=Retired 10=Other (specify)_____</i>	5.8. Months per year this person is employed	5.9 Monthly salary
HH M1	A14hbm1_relation	A15hbm1_age	A16hbm1_gender	A17hbm1_months	A18hbm1_education	A19hbm1_under_16_schooling	A20hbm1_occupation	A21hbm1_months_employed	A22hbm1_salary
HH M2	A23hbm2_relation	A24hbm2_age	A25hbm2_gender	A26hbm2_months	A27hbm2_education	A28hbm2_under_16_schooling	A29hbm2_occupation	A30hbm2_months_employed	A31hbm2_salary
HH M3	A32hbm3_relation	A33hbm3_age	A34hbm3_gender	A35hbm3_months	A36hbm3_education	A37hbm3_under_16_schooling	A38hbm3_occupation	A39hbm3_months_employed	A40hbm3_salary
HH M4	A41hbm4_relation	A42hbm4_age	A43hbm4_gender	A44hbm4_months	A45hbm4_education	A46hbm4_under_16_schooling	A47hbm4_occupation	A48hbm4_months_employed	A49hbm4_salary
HH M5	A50hbm5_relation	A51hbm5_age	A52hbm5_gender	A53hbm5_months	A54hbm5_education	A55hbm5_under_16_schooling	A56hbm5_occupation	A57hbm5_months_employed	A58hbm5_salary
HH M6	A59hbm6_relation	A60hbm6_age	A61hbm6_gender	A62hbm6_months	A63hbm6_education	A64hbm6_under_16_schooling	A65hbm6_occupation	A66hbm6_months_employed	A67hbm6_salary
HH M7	A68hbm7_relation	A69hbm7_age	A70hbm7_gender	A71hbm7_months	A72hbm7_education	A73hbm7_under_16_schooling	A74hbm7_occupation	A75hbm7_months_employed	A76hbm7_salary
HH M8	A77hbm8_relation	A78hbm8_age	A79hbm8_gender	A80hbm8_months	A81hbm8_education	A82hbm8_under_16_schooling	A83hbm8_occupation	A84hbm8_months_employed	A85hbm8_salary
HH M9	A86hbm9_relation	A87hbm9_age	A88hbm9_gender	A89hbm9_months	A90hbm9_education	A91hbm9_under_16_schooling	A92hbm9_occupation	A93hbm9_months_employed	A94hbm9_salary
HH M10	A95hbm10_relation	A96hbm10_age	A97hbm10_gender	A98hbm10_months	A99hbm10_education	A100hbm10_under_16_schooling	A101hbm10_occupation	A102hbm10_months_employed	A103hbm10_salary

HH M11	A104hbm1 1_relation	A105h hm11_ age	A106hh m11_ge nder	A107hbm1 1_months	A108hbm11_educ ation	A109hbm1 1_under_16 _schooling	A110hbm11_occup ation	A111hbm 11_mont hs_employ ed	A112hh m11_sala ry
HH M12	A113hbm1 2_relation	A114h hm12_ age	A115hh m12_ge nder	A116hbm1 2_months	A117hbm12_educ ation	A118hbm1 2_under_16 _schooling	A119hbm12_occup ation	A120hh m12_mo nths_employ ed	A121hh m12_sala ry
HH M13	A122hbm1 3_relation	A123h hm13_ age	A124hh m13_ge nder	A125hbm1 3_months	A126hbm13_educ ation	A127hbm1 3_under_16 _schooling	A128hbm13_occup ation	A129hh m13_mo nths_employ ed	A130hh m13_sala ry
HH M14	A131hbm1 4_relation	A132h hm14_ age	A133hh m14_ge nder	A134hbm1 4_months	A135hbm14_educ ation	A136hbm1 4_under_16 _schooling	A137hbm14_occup ation	A138hh m14_mo nths_employ ed	A139hh m14_sala ry
HH M15	A140hbm1 5_relation	A141h hm15_ age	A142hh m15_ge nder	A143hbm1 5_months	A144hbm15_educ ation	A145hbm1 5_under_16 _schooling	A146hbm15_occup ation	A147hh m15_mo nths_employ ed	A148hh m15_sala ry

A6. How many members of the household have passed away in the past 5 years?  
A149hbm\_members\_died \_\_\_\_\_ Number of persons

A7. Of those, how many were children less than 6 years old?  
A150\_members\_under16 \_\_\_\_\_ Number of persons

*For female respondents only*

A8. How many children did you have in your entire life? A151\_children\_in\_life  
\_\_\_\_\_ Number of children

A9. What is the age of your youngest child? A152\_age\_youngest\_child  
\_\_\_\_\_ Age of child

## SECTION B: INCOME AND LIVELIHOODS

### To be administered to ALL respondents

**B1.** How much **income** did your household **as a whole** receive in the past twelve months from each of the following activities?

*Consider activities from all household members. Depending on the area (Dwangwa, Swaziland, Mangochi, Mozambique) ask only the relevant feedstock for 1.1, 1.3 and 1.5 in Table below.*

*If more than one member of the household is involved in the same activity, please sum incomes and insert the overall household income.*

	Estimate over the past 12 months (in local currency, specify currency)
B1.1. Farming own sugarcane	B1_Sugarcane_inc
B1.2. Farming other crops	B2_Othercrops_inc
B1.3. Formal employment by sugarcane company	B3_Sugarcane_employ_inc
B1.4 Other formal employment	B4_other_employ_inc
B1.5. Informal Employment/casual labour by sugarcane company	B5_casual_sugar_inc
B1.6. Other informal employment	B6_other_casual_inc
B1.7. Own business/self-employment	B7_own_inc
B1.8. Charcoal making/sale	B8_charoal_inc
B1.9. Wood making/sale	B9_wood_inc
B1.10. Fishing	B10_fish_inc
B1.11. Remittances <i>(ask also if they receive money from family members not living in the household anymore)</i>	B11_remittance_inc
B1.12. Pension	B12_pension_inc
B1.13. Other 1 (Specify) _____	B13_savings
B1.14. Other 2 (Specify) _____	B14_livestock_sales
B1.15. Total	B15_total

**B2.** How much did your household spend in the past year for each of the following expenditure items? *Insert amount per month OR per year, depending on what is easier for the interviewee.*

	Actual expenditure (per month)	Actual expenditure (last 12 months)	Comments
2.1. Food		B31_food_exp	
2.2. Education		B32_education_exp	
2.3. Health		B33_health_exp	
2.4. House Rental		B34_rental_exp	
2.5. House Maintenance/ Construction		B35_construct_exp	
2.6. Clothing		B36_clothing_exp	
2.7. Communication (airtime, Internet e.t.c)		B37_communication_exp	
2.8. Travel / Transport		B38_travel_exp	
2.9. Electricity		B39_electircity_exp	
2.10. Other energy		B40_other_energy_exp	
2.11. Leisure		B41_leisure_exp	
2.12. Supporting relatives/friends		B42_support_exp	
2.13. Gifts/ Charities/Ceremonies		B43_gifts_exp B43b_assets	
2.14. Savings (e.g. VSL)		B44_savings_exp	
2.15. Other <i>(Specify)</i> _____			

**B3.** During the past 12 months, did your household borrow money to meet its needs if household income was not enough? **B61\_money\_borrowed**. Circle 1=Yes; 2=No

**B4.** If yes, how much did you borrow to meet each of these needs? *Insert amount borrowed during last 12 months. If household did not borrow insert 0*

Household needs	Amount borrowed (last 12 months)
4.1.Food <b>B62_food_borrowed</b>	
4.2. Education <b>B63_education_borrowed</b>	
4.3.Health <b>B64_health_borrowed</b>	
4.4.House rental <b>B65_rental_borrowed</b>	
4.5 House maintenance/construction <b>B66_construct_borrowed</b>	
6. Clothing <b>B67_clothing_borrowed</b>	
1. Communication (airtime, internet e.t.c.) <b>B68_communication_borrowed</b>	
1. Travel/Transport <b>B69_travel_borrowed</b>	
1. Electricity <b>B70_electricity_borrowed</b>	
1. Energy for cooking <b>B71_cooking_borrowed</b>	
1. Energy for Lighting <b>B72_lighting_borrowed</b>	
1. Leisure <b>B73_leisure_borrowed</b>	
1. Supporting relatives/friends <b>B74_support_borrowed</b>	
1. Farming sugarcane <b>B75_sugar_jatropha_borrowed</b>	
1. Farming crops other than sugarcane <b>B76_other_crops_borrowed</b>	
1. Gifts/ Charities/ Ceremonies <b>B77_gifts_borrowed</b>	
1. Savings (e.g. VSL) <b>B78_saings_borrowed</b>	
1. Other ( <i>Specify</i> ) e.g. borrowed for business <b>B79_bsns</b> _____	
1. Not borrowed	

**B5.** Please provide the number of household assets that you own?

*Ask each asset category consecutively. Make it clear we are ONLY referring to members of the household that live in the household.*

*For each asset category insert the total number owned by all household members. Insert 0 if a specific asset category is not owned by any member.*

*For Other insert only important assets (i.e. not clothes, chairs, etc)*

5.1.Watch/clock <b>B81_watch</b>	5.15.Tractor <b>B95_tractor</b>
5.2.Radio <b>B82_radio</b>	5.16.Ox-plough <b>B96_plough</b>
5.3.Television <b>B83_tv</b>	5.17.Animal drawn-cart <b>B97_cart</b>
5.4. Mobile phone <b>B84_phone</b>	5.18. Axe <b>B98_axe</b>

5.5.Refrigerator <b>B85_refridgerator</b>	5.19. Spade <b>B99_spade</b>
5.6.Microwave/Electric stove <b>B86_microwave</b>	5.20. Hoe <b>B100_hoe</b>
5.7.Sofa set <b>B87_sofa</b>	5.21. Boat (fishing) <b>B101_boat</b>
5.8.Chairs and Table <b>B88_chairs</b>	5.22. Electricity generator <b>B102_generator</b>
5.9.Truck <b>B89_truck</b>	5.23. Pressure lamp <b>B103_lamp</b>
5.10.Bicycle <b>B90_bike</b>	5.24. LED lantern <b>B104_lantern</b>
5.11. Motorcycle/scooter <b>B91_motorcycle</b>	5.25.Solar panel <b>B105_solar</b>
15.12. Bed <b>B92_bed</b>	5.26. Treadle Pump <b>B106_pump</b>
15.13 Mattress <b>B93_mattress</b>	5.27. Sprayer <b>B107_sprayer</b>
5.14. Car <b>B94_car</b>	5.28. Other (specify) e.g. <b>B108_moto_pump</b> _____

**B6.** How many animals does/did your household own now, 5 years ago and 10 years ago?  
*Insert in table below number for each species.*

	<b>1. Now</b>	<b>2. 5 years ago</b>	<b>3. 10 years ago</b>
6.1 Cattle	<b>B109_cattle_now</b>	<b>B110_cattle_5</b>	<b>B111_cattle_10</b>
6.2 Goats	<b>B112_goats_now</b>	<b>B113_goats_5</b>	<b>B114_goats_10</b>
6.3 Sheep	<b>B115_sheep_now</b>	<b>B116_sheep_5</b>	<b>B117_sheep_10</b>
6.4 Pigs	<b>B118_pigs_now</b>	<b>B119_pigs_5</b>	<b>B120_pigs_10</b>
6.5 Chickens	<b>B121_chickens_now</b>	<b>B122_chickens_5</b>	<b>B123_chickens_10</b>
6.6 Rabbits	<b>B124_rabbits_now</b>	<b>B125_rabbits_5</b>	<b>B126_rabbits_10</b>
6.7 Pigeons	<b>B127_pigeons_now</b>	<b>B128_pigeons_5</b>	<b>B129_pigeons_10</b>
6.8 Beehives	<b>B130_beehives_now</b>	<b>B131_beehives_5</b>	<b>B132_beehives_10</b>
6.9 Other (Specify)___	<b>B133_ducks_now</b>	<b>B134_ducks_5</b>	<b>B135_ducks_10</b>
Number of other livestock owned (specify)	<b>B133_other_specify</b>	<b>B133_other_specify</b>	<b>B133_other_specify</b>



## SECTION C: MULTI-DIMENSIONAL POVERTY

***To be administered to ALL respondents***

### **C1. Water supply**

1. What is the main source of water for members of your household? Insert code

1.1. For drinking <b>C1_drinking_source</b>		<b>Categories</b>  1 = Piped water to dwelling 2 = Piped water to plot/ yard 3 = Piped water to public tap/stand-pipe 4 = Borehole  5 = Dug well 6 = Spring 7 = Rainwater 8 = River/lake/pond/ stream/ dam 9 = Tanker truck 10 = Other (Specify)
1.2. For cooking <b>C2_cooking_source</b>		
1.3. For washing/cleaning/ showering <b>C3_washing_source</b>		
1.4. For irrigation <b>C4_irrig_source</b>		
1.5. For livestock <b>C5_livestck_source</b>		
1.6. Others (specify _____)		

2~3. How far is the water source? *Insert distance (in meters) and time it takes to get to the source and back (in minutes)*

***Need to add the translation for time***

	2. Distance (in meters)	3. Time spent per day (in minutes)
1. For drinking	<b>C6_drinking_distance</b>	<b>C7_time_drinking</b>
2. For cooking	<b>C8_cooking_distance</b>	<b>C9_time_cooking</b>
3. For washing/cleaning/showering	<b>C10_washing_source</b>	<b>C11_time_washing</b>
4. For irrigation	<b>C12_irrig_distance</b>	<b>C13_time_irrig</b>
5. For livestock	<b>C14_livestock_distance</b>	<b>C15_time_livestock</b>
6. For other use		

4. On average, how much do you pay per month for water for the following needs? *Insert amount per month; In cases where the water bill is combined for all uses; please probe to see if they can provide estimates for discrete uses.*

	Cost (per month)
1. For drinking	<b>C16_cost_drinkingW</b>
2. For cooking	<b>C17_cost_cookingW</b>
3. Drinking and Cooking	<b>C18_cost_drinking_cookingW</b>
1. For washing/cleaning/showering	<b>C19_cost_washing_cleaning_showering W</b>

1. Drinking, cooking and Washing	C20_cost_drinking_cooking_washingW
1. For irrigation	C21_cost_irrigationW
1. For livestock	C22_cost_livestockW
1. For other use	

5.1 How important is to your household to have clean drinking and cooking water? *Circle*  
C23\_importance\_clean\_water

5.2~5.4 How would you describe the quality of water you use for cooking and drinking, now, 5 years ago and 10 years ago? *Circle*  
C24\_quality\_now

	5.1. How important is to your household to have clean water for drinking and cooking water? C23_importance_clean_water	5.2~5.4 How would you describe the quality of water you use for cooking and drinking, now and in the past?					
	1=Low 2=Medium 3=High	2. Now C24_quality_now	3 5 years ago C25_quality_5 yrs	4. 10 years ago C26_quality_10 yrs			
		1=Very good 2=Good 3=Bad 4=Very bad	1=Very good 2=Good 3=Bad 4=Very bad	1=Very good 2=Good 3=Bad 4=Very bad			
5. Water quality							

6. Ask the following questions.

6.1 How important is to your household to have sufficient water for cooking and drinking?  
C27\_importance\_sufficiency *Circle*

6.2~6.4 Do you (now) and did you (5 years ago, 10 years ago) have enough water for cooking and drinking? *Circle*

	6.1. How important is to your household to have sufficient water for cooking and drinking? C27_importance_sufficiency	6.2~6.4 Do/did you have enough water for cooking and drinking purposes?					
	1=Low 2=Medium	2. Now C28_sufficiency_now	3. 5 years ago C29_sufficiency_5yrs	4. 10 years ago C30_sufficiency_10yrs			

	<i>2=Medium</i>		<i>1=Always enough</i>		<i>1=Always enough</i>		<i>1=Always enough</i>	
	<i>3=High</i>		<i>2=Sometimes enough</i>		<i>2=Sometimes enough</i>		<i>2=Sometimes enough</i>	
			<i>3=Usually not enough</i>		<i>3=Usually not enough</i>		<i>3=Usually not enough</i>	
			<i>4=Never enough</i>		<i>4=Never enough</i>		<i>4=Never enough</i>	
6. Water quantity								

## C2. Sanitation

7. What kind of toilet is available at your house? Circle. C31\_toilet\_type

1=Pour flush toilet to pit latrine  
 2=Flush to piped sewer system  
 3=Open pit latrine  
 4=Pit latrine with slab

5=VIP latrine  
 6=Bucket toilet  
 7=Bush/field  
 8=Other (Specify)\_\_\_\_\_

Do you share this toilet facility with other households? Circle C32\_shared

1=Yes,  
 2=No

8. If shared, how many households use this toilet facility? C33\_hh\_sharing \_\_\_\_\_

## C3. Housing

9. What is the MAIN construction material of the MAIN dwelling of the household? Observe and circle only one for each category.

10.1 Floor C34_floor	10.2 Roof C35_roof	10.3 Exterior walls C36_wall
1=Natural floor/ earth/ sand 2=Dung 3=Palm/bamboo 4=Wood 5=Ceramic tiles 6=Cement 7=Carpet 8=Other (Specify) _____	1=Thatch/leaf/reed/palm/ bamboo 2 = Mud 3=Wood planks 4=Card-board 5=Corrugated iron 6=Asbestos 7=Cement/concrete 8=Other (Specify) _____	1=Mud 2= Thatch/leaf/reed/palm/ bamboo 3=Card-board 4=Wood 5=Stone 6=Cement blocks 7=Mud bricks – local/homemade 8 = commercial bricks 9=Other (Specify) _____



## SECTION D: ENERGY ACCESS AND USE

### To be administered to ALL respondents

Fill in the following table in relation to the type of energy used for cooking. First ask Question 1 for the first fuel. If the answer is positive then ask Questions 2-9 for the same fuel. If answer for Question 1 is negative for that fuel then move to next fuel. In the questions below (...) denotes the type of fuel for cooking.

We now wish to find out information about the fuels you use for cooking food.

**D1.** Do you ever use (...) for cooking? Insert in table below (1) if the fuel is used, and (2) if not used. **D1\_wood\_use**

*If they answered yes, for a type of fuel then ask each of the following questions consecutively.*

**D2.** How frequently do you use (...) for cooking? Insert in the table below  
**D2\_wood\_freq**

**D3.** Where does your family mainly get (...) for cooking from? Insert in table below  
**D3\_wood\_source**

**D4.** How long does it take you to get to the (...) source and back when you collect/purchase for cooking? Convert travel time into minutes and insert the table.  
**D4\_wood\_time**

**D5.** How far from your house is the area where you mainly get (...) for cooking? Insert answer in meters  
**D5\_wood\_distance**

**D6.** What type of transport do you use when you fetch (...) for cooking? Insert in table below  
**D6\_wood\_travel**

**D7.** How often do you collect or purchase (...) for cooking? Insert in table Times per week.  
**D7\_wood\_collection**

**D8.** How much (...) do you use for cooking every week? Insert in table below the Kg or liters (as appropriate) of fuel consumed per week. For fuelwood, estimate consumption by asking respondent to show you approximate typical bundle and weighing the bundle. For Firewood and Charcoal report answers in Table 10 and 11.  
**D8\_wood\_expenditure**

**D9.** If you purchase (...) for cooking, how much money do you spend every week? Insert in table below the amount of money spent per week  
**D9\_charcoal\_use**

	1.Fi rew ood	2.C har coa l/ briq uett es	3.El ectr icity	4.E tha nol	5.K ero sen e/ par affi n	6.C oal	7.Bi oga s	8.L PG	9.A gric ultu ral resi due s	10. Du ng	11. Oth er fuel 1	12. Oth er fuel 2  — — —
1. Fuel used	D1_w ood_u se	D9_cha rcoal_u se	D17_ elec tricit y_us e	D20_ eth anol_ use	D29_ Kerosi ne_us e	D38_ coa l_use	D47_ bio gas_ use	D51_ lpg _use	D60_r esidue _use	D69_ dun g_us e		
2. Frequency of use	D2_w ood_f req	D10_C harcoal _freq	D18_ elec tricit y_fre q	D21_ etha nol_f req	D30_ Kerosi ne_fre q	D39_ coa l_fre q	D48_ bio gas_ freq	D52_ lpg _freq	D61_r esidue _freq	D70_ dun g_fre q		
3. Fuel source	D3_w ood_s ource	D11_ch arcoal_ source	D19_ elec tricit y_so urce	D22_ etha nol_s ourc e	D31_k erosin e_sour ce	D40_ coa l_so urce	D49_ bio gas_ sour ce	D53_ lpg _sou rce	D62_r esidue _sourc e	D71_ dun g_so urce		
4. Travel time to fuel source and back (minutes)	D4_w ood_ti me	D12_c harcoal _time		D23_ etha nol_t ime	D32_k erosin e_time	D41_ coa l_tim e		D54_ lpg _tim e	D63_r esidue _time	D72_ dun g_ti me		
5. Distance to fuel source (meters)	D5_w ood_d istanc e	D13_c harcoal _distan ce		D24_ etha nol_ distan ce	D33_k erosin e_dist ance	D42_ coa l_dis tance		D55_ lpg _dist ance	D64_fr eq_dist ance	D73_ dun g_di stanc e		
6. Mode of traveling	D6_w ood_tr avel	D14_c harcoal _travel		D25_ etha nol_t ravel	D34_k erosin e_trav el	D43_ coa l_tra vel		D56_ lpg _trav el	D65_fr eq_tra vel	D74_ dun g_tra vel		
7. Frequency of collection or purchase	D7_w ood_c ollecti on	D15_c harcoal _collec tion		D26_ etha nol_ collec tion	D35_k erosin e_coll ection	D44_ coa l_col lecti on		D57_ lpg _coll ectio n	D66_r esidue _collec tion	D75_ dun g_co llecti on		
8. Week consumption (Kg or liters/wk )	See quest ion 10	See questi on 11		D27_ etha nol_ cons umpti on	D36_k erosin e_con sumpti on	D45_ coa l_co nsu mpti on		D58_ lpg _con smpt ion	D67_r esidue _consu mption	D76_ dun g_co nsu mpti on		
9. Average weekly expenditure	D8_w ood_e xpend iture	D16_c harcoal _exp		D28_ etha nol_ exp	D37_k erosin e_exp	D46_ coa l_exp		D59_ lpg _exp	D68_r esidue _exp	D77_ dun g_exp		

**Codes:****2 & 7. Frequency of use and collection**

1=Every day                      5. Once a month  
 2=Every second day        6. Less than once a month  
 3=Twice per week  
 4=Once per week

**3. Fuel source**

1=Own woodlot; 2=Communal woodlots; 3=Communal areas 4=State forest; 5=Purchase; 6=Other source  
 (Specify in the table)

**6. Mode of traveling**

1=Bike, 2=Car, 3=Horse/animals, 4=Walking, 5=Other (specify)

**Note: Please remember to cross-check answers for Fuelwood with answer in page 16**

**D10~D11.** For firewood and charcoal, how many bundles/wood sacks do you use per week? *Insert number of bundles/sacks consumed per week and weight per bundle/sack. If possible weight one bundle/sack.*

	1. Number of bundles/sacks (per week)	2. Weight (Kg per bundle/sack)
<b>D10.</b> Firewood	D69_firewood_bundles	D70_firewood_weight
<b>D11.</b> Charcoal/briquettes	D71_charcoal_sacks	D72_charcoal_weight

<b>D12.</b> If you use wood or charcoal for cooking, what type of stove do you use. <i>Circle. If unsure of type, ask to see the stove.</i> D73_stove_use	<b>D13.</b> How often do you use this type of stove? <i>Insert code</i> D74_stove_freq
1=Traditional three-stone stove 2=Traditional fixed-location stove (Specify) _____ 3=Improved wood stove 4=Traditional charcoal stove 5=Improved charcoal stove 6=Other improved stove type (Specify) _____	1=Every day 2=Every second day 3=Twice per week 4=Once per week 5=Less than once per week

*Answer the following in relation to the type of fuel the household uses for lighting. First ask Question 14.1. If positive (i.e. they use the fuel) then ask Question 14.2 for each fuel listed.*

*If answer to Question 14.1 is negative (i.e. not use the fuel), then continue to next fuel. In the questions below (...) denotes the type of fuel for lighting.*

We now wish to find out information about the fuels you use for lighting.

**D14.1.** Do you use (...) for lighting? Ask for each in turn. Insert in Table (1) if the fuel is used, or (2) if not used.

**D14.2.** How much do you spend every month on (...) for lighting? *Insert answer in money spent per month*

	1. Electricity	2. Gas	3. Kerosene/paraffin	4. Wood torch	5. Solar LED lantern	6. Dry Cell Battery LED lantern	7. Dry Cell Battery torch (non-LED)	8. Candles	9. Other (Specify) _____
D14.1. Fuel used	D75_electricity_light	D76_gas_use	D78_kerosine_use	D80_wood_use	D82_solar_use	D84_LED_lantern_use	D86_non_LED_use	D88_candle_use	
D14.2. Expenditure (per month)	No need to answer	D77_gas_exp	D79_kerosine_exp	D81_wood_exp	D83_solar_exp	D85_LED_lantern_exp	D87_non_LED_exp	D89_candle_exp	

## SECTION E: PERCEIVED PROVISION OF ECOSYSTEM SERVICES

### To be administered to ALL respondents

Fill in the following table in relation to the type of goods and services (recreational or religious) that households obtain from nature. On goods, Please make it clear to the respondent that we are need to know only about taking these goods free from nature and not from the shop.

Ask good by good the importance to the household and then frequency of obtaining from nature. Then ask about recreational services and religious services. In the questions below (...) denotes the type of product/service obtained by nature.

**E1.** Do you obtain any of the following goods for free from nature? Read through the list in the table below and enter response

**E2.** How important is/are these free goods provided by nature to your household? Insert in table below, for each good

**E3.** How often do/did you take (...) from nature now, 5 years ago and 10 years ago? Insert in table below

<b>E1.</b> Goods obtained for free from nature  1= Yes 2= No	<b>E2.</b> Importance of good or service to the household in general  1=Not important 2=Low importance 3=Medium importance 4=High importance	<b>E3.</b> How often do/did you take/use these goods/services from nature?		
		<b>E3.1. Now</b>	<b>E3.2. 5 yrs ago</b>	<b>E3.3. 10 yrs Ago</b>
		1=Every day 2=A few times/week 3=A few times/month 4= A few times / year 5=Never	1=Every day 2=A few times/week 3=A few times/month 4= A few times/year 5=Never	1=Every day 2=A few times/week 3=A few times/month 4= A few times/ year 5=Never

1. Timber for construction E1_timber	E2_timber_importance	E3_timber_now	E4_timber_5yrs	E5_timber_10yrs
1.2. Any non-timber product for construction (e.g. grass, thatch) E6_non_timber	E7_non_timber_importance	E8_non_timber_now	E9_non_timber_5yrs	E10_non_timber_10yrs
1.3. Wood for fuel E11_wood	E12_wood_importance	E13_wood_now	E14_wood_5yrs	E15_wood_10yrs
1.4. Medicinal plants E16_medical_plants	E17_med_importance	E18_med_now	E19_med_5yrs	E20_med_10yrs
1.5. Honey E21_honey	E22_honey_importance	E23_honey_now	E24_honey_5yrs	E25_honey_10yrs
1.6. Wild fruits E26_fruits	E27_fruits_importance	E28_fruits_now	E29_fruits_5yrs	E30_fruits_10yrs
1.7. Mushrooms E31_mushrooms	E32_mushroom_importance	E33_mushroom_now	E34_mushroom_5yrs	E35_mushroom_10yrs
1.8. Wild animals for food (bush meat) E36_wild_animals	E36_animals_importance	E37_animals_now	E38_animals_5yrs	E39_animals_10yrs
1.9. Other edible products from forest (Specify)___				
1.10. Fish E46_fish	E47_fish_importance	E48_fish_now	E49_fish_5yrs	E50_fish_10yrs
1.11. Grazing of animals E51_grazing_animals	E52_grazing_importance	E53_grazing_now	E54_grazing_5yrs	E55_grazing_10yrs
1.12. Other (Specify) _ E56_other_indigenous_veg	E57_other_indigenous_veg_importance	E58_other_indigenous_veg_now	E59_other_indigenous_veg_5yrs	E60_other_indigenous_veg_10yrs

**E4.1** How important to your household is the natural environment for (...) purposes? *Insert response in table below*

**E4.2.** How often do/did you use natural areas for (...) purposes now, 5 years ago, 10 years ago? *Insert response in table below*

<b>Type of cultural ecosystem services</b>	<b>E4.1</b> Importance to the household in general	<b>E4.2</b> How often do/did you use natural areas for recreational and religious uses?		
	1=Not important 2=Low importance	<b>E4.2.1</b> Now	<b>E4.2.2</b> 5 years ago	<b>E4.2.3</b> 10 years ago

	importance 3=Medium importance 4=High importance	1=Every day 2=A few times per week 3=A few times per month 4= A few times per year 5=Never	1=Every day 2=A few times per week 3=A few times per month 4= A few times per year 5=Never	1=Every day 2=A few times per week 3=A few times per month 4= A few times per year 5=Never
Recreational	E61_recrea tion	E62_rec_now	E63_rec_5yrs	E64_rec_10yrs
Religious	E65_religio us	E66_religion_now	E67_religion_5yr s	E68_religion_ 10yrs

## SECTION F: AGRO-ECONOMIC PRACTICES

**To be administered to ALL respondents, except employees of plantations with farms away from the plantation (50 km and above).**

**F1~F3.** How many hectares of land does your household owns now and in the past for the following land categories? *Clarify that we do not mean communal land areas used for grazing. Insert answer in table below in hectares.*

	F1. Now	F2. 5 years ago	F3. 10 years ago
1.1 Agricultural land	F1_agric_land_now	F2_agric_land_5	F3_agric_land_10
1.2 .Privately-owned grazing land	F4_pvt_now	F5_pvt_5	F6_pvt_10
1.3. Non-agricultural land/fallow land	F7_nonagric_now	F8_nonagric_5	F9_nonagric_10
1.4. Woodlot/ timber plantation	F10_woodlot_now	F11_woodlot_5	F12_woodlot_10

**F4.** For each agricultural plot owned by the household (including currently unused or fallow plots) ask the following questions.

**F4.1.** When did your household acquire this plot? *Insert year in table below*

**F4.2.** How did you acquire this plot? *Insert in table below*

**F4.3.** What is the size of the plot? *Insert in table below size in hectares*

**F4.4.** How far away is this plot from your household? *Insert in table below distance in Km*  
***If more than 50 Km away skip this section and move to the next relevant section.***

**F4.5.** What is the main crop grown on the plot? *Insert in table below*

F4.	F4.1	F4.2	F4.3	F4.4	F4.5
Plot #	When acquired? (year)	<b>How acquired?</b> 1= <i>Inherited from wife's parents</i> 2= <i>Inherited from husband's parents</i> 3= <i>Encroached a virgin forest;</i> 4= <i>Purchased</i> 5= <i>Allocated by chief</i> 6= <i>Allocated by government;</i> 7= <i>Other</i> (specify)_____	What is the size? (ha)	Distance from homestead (km)	Main crop on plot 1= <i>Maize;</i> 2= <i>Tobacco;</i> 3= <i>Groundnuts;</i> 4= <i>Beans;</i> 5= <i>Cassava;</i> 6= <i>Sugarcane;</i> 7= <i>Jatropha;</i> 8= <i>Other, specify_</i>
	F13_1_year	F14_1_acquired	F15_1_size	F16_1_distance	F17_1_crop
	F18_2_year	F19_2_acquired	F20_2_size	F21_2_distance	F22_2_crop
	F23_3_year	F24_3_acquired	F25_3_size	F26_3_distance	F27_3_crop
	F28_4_year	F29_4_acquired	F30_4_size	F31_4_distance	F32_4_crop
	F33_5_year	F34_5_acquired	F35_5_size	F36_5_distance	F37_5_crop
	F38_6_year	F39_6_acquired	F40_6_size	F41_6_distance	F42_6_crop
	F43_7_year	F44_7_acquired	F45_7_size	F46_7_distance	F47_7_crop

**For enumerators (and only when the questionnaire is run to workers):**

**Ask how far from the plantation are these plots, and if all of them are further than 50 km away skip the rest of this section and move to section G.**

**F5.** If any of your household's cropland is not being cultivated; what is the area?  
\_\_\_\_\_ha **F48\_not\_cultivated**

**F6.** What is the main reason for not cultivating this area? **F49\_not\_cultivated\_reason**  
Circle:

- 1=*Shortage of money/investment capital*
- 2=*Shortage of labor*
- 3=*Dispute over rights/ownership*
- 4=*It is not suitable for agriculture*
- 5=*It is unavailable for use (e.g. under long lease). Specify reason.*\_\_\_\_\_
- 6=*It is the preference of a member of the household that it stays unutilized (Specify reason for this, if known)* \_\_\_\_\_
- 7=*Other reason (Specify)*\_\_\_\_\_

**F7.** Fill in the following table in relation to the type of crops grown by the household, the amount of the produced crops sold, the cash received, the amount spent to purchase crops

and the reason for purchasing. Ask crops consequently and specify amounts produced and sold for each crop from ALL farmer' plots in the last season. If answers for 7.2, 7.3, 7.5 are given in cash, convert to kg.

In the questions below (...) denotes the different types of crops.

**F7.1** Did you grow any (...) last season. *Enter response in the table*

**F7.2** If yes, How much did you produce last season? *Insert in table below Kg produced last season*

**F7.3** Did you sell any of the (...) you produced last season? *If yes, How much did you sell last season? Insert in table Kg sold last season*

**F7.4** How much money did you receive for the (...) you sold last season? *Insert in table amount received last season*

**F7.5** Did you buy any (...) last season? *If yes, How much? Insert in table below Kg bought last season*

**F7.6** What was the reason buying this (...)? *Write reason in table below*

		<b>F7.1. Crop grown in the last season</b> 1=Yes 2=No	<b>F7.2. Amount produced</b> (KG last season)	<b>F7.3. Amount sold</b> (KG last season)	<b>F7.4. Cash receive d</b> <i>Local currency</i>	<b>F7.5. Amount purchased</b> (KG last season)	<b>F7.6. Reason for purchasing</b> 1 = for food 2 = for re-sell 3 = other (specify) ____
1	Maize	F50_maize_grown	F51_maize_produced	F52_maize_sold	F53_maize_cash	F54_maize_purchased	F55_maize_reason
2	Rice	F56_rice_grown	F57_rice_produced	F58_rice_sold	F59_rice_cash	F60_rice_purchased	F61_rice_reason
3	Pigeon peas	F62_pigeon_grown	F63_pigeon_produced	F64_pigeon_sold	F65_pigeons_cash	F66_pigeon_purchased	F67_pigeon_reason
4	Groundnuts	F68_groundnuts_grown	F69_groundnuts_produced	F70_groundnuts_sold	F71_groundnuts_cash	F72_groundnuts_purchased	F73_groundnuts_reason
5	Cassava	F74_cassava_grown	F75_cassava_produced	F76_cassava_sold	F77_cassava_cash	F78_cassava_purchased	F79_cassava_reason
6	Beans	F80_beans_grown	F81_beans_produced	F82_beans_sold	F83_beans_cash	F84_beans_purchased	F85_beans_reason
7	Sugarcane	F86_sugarcane_grown	F87_sugarcane_produced	F88_sugarcane_sold	F89_sugarcane_cash	F90_sugarcane_purchased	F91_sugarcane_reason
8	Jatropha	F92_jatropha_grown	F93_jatropha_produced	F94_jatropha_sold	F95_jatropha_cash	F96_jatropha_purchased	F97_jatropha_reason
9	Tobacco	F98_tobacco_grown	F99_tobacco_produced	F100_tobacco_sold	F101_tobacco_cash	F102_tobacco_purchased	F103_tobacco_reason
		F104_cotton_grown	F105_cotton_produced	F106_cotton_sold	F107_cotton_cash	F108_cotton_purchased	F109_cotton_reason
		F110_soya_grown	F111_soya_produced	F112_soya_sold	F113_soya_cash	F114_soya_purchased	F115_soya_reason

10	Other 1 Specify_____	other_grown	other_produced	other_sold	other_cash	other_amount_purchased	Other_reason
11	Other 2 Specify_____	Other2_grown	Other2_produced	Other2_sold	Other2_cash	other2_amount_purchased	othr2_reason
12	Other 3 Specify_						

**F8.** Did you purchase in the last year any crops that you don't grow in ANY of your plots?  
**F116\_crops\_purchased** Circle

1=Yes

2 No

If yes,

**F9.** How much did you purchase in the last 12 months?

**F10.** How much did it cost?

*Insert crop in table below, amounts bought (in Kg) and cost*

Crops purchased	9. Amount (KG)	10. Cost (Local currency)
Maize	F117_maize_amount_not_grown_purchased	F128_maize_cost_not_grown_purchased
Rice	F118_rice_amount_not_grown_purchased	F129_rice_amount_not_grown_purchased
Pigeon peas	F119_pp_amount_not_grown_purchased	F130_pp_cost_not_grown_purchased
Groundnuts	F120_gnuts_amount_not_grown_purchased	F131_gnuts_cost_not_grown_purchased
Cassava	F121_cassava_amount_not_grown_purchased	F132_cassava_cost_not_grown_purchased
Beans	F122_beans_amount_not_grown_purchased	F133_beans_cost_not_grown_purchased
Sugarcane	F123_sugarcane_amount_not_grown_purchased	F134_sugarcane_cost_not_grown_purchased
Jatropha	F124_jatropha_amount_not_grown_purchased	F135_jatropha_cost_not_grown_purchased
Tobacco	F125_tobacco_amount_not_grown_purchased	F136_tobacco_cost_not_grown_purchased
Other (specify)	F126_tomato_amount_not_grown_purchased	F137_tomato_cost_not_grown_purchased

Other (specify)	F127_soya_amount_not_grown_purchased	F138_soya_cost_not_grown_purchased
Other (Specify)		

**Note: Please remember to add in Question 10 price of maize bought, even if the household produces maize**

**F11.** Fill in the following table in relation to the type of agricultural inputs purchased by the household for each major type of crops for the past year. Ask consequently all inputs for the same type of crop. Once finishing all the inputs for the same type of crop, proceed to the next type of crop and ask all inputs consequently, etc. Specify that we require amounts from ALL farmer plots the past year.

Insert in table below both the volume purchased (in Kg or liters) and the cost for the whole year.

	1. All food crops		2. Sugarcane		3. Jatropha		4. Other non-food crops	
	1. Volume (Kg or liters, specify)	2. Cost	1. Volume (Kg or liters, specify)	2. Cost	1. Volume (Kg or liters, specify)	2. Cost	1. Volume (Kg or liters, specify)	2. Cost
<b>F11.1. Seeds</b>	5	F140_seed_cost_all_food	F155_seed_amount_sugarcane	F156_seed_cost_sugarcane	F171_seed_amount_jatropha	F172_cost_jatropha	F187_seed_amount_all_non_food	F188_seed_cost_all_non_food
<b>F11.2. Pesticides</b>	F141_pesticide_amount_all_food	F142_pesticide_cost_all_food	F157_pesticide_amount_sugarcane	F158_pesticide_cost_sugarcane	F173_pesticide_amount_jatropha	F174_pesticide_cost_jatropha	F189_pesticide_amount_all_non_food	F190_pesticide_cost_all_non_food
<b>F11.3. Herbicides</b>	F143_herbicide_amount_all_food	F144_herbicide_cost_all_food	F159_herbicide_amount_sugarcane	F160_herbicide_cost_sugarcane	F175_herbicide_amount_jatropha	F176_herbicide_cost_jatropha	F191_herbicide_amount_all_non_food	F192_herbicide_cost_all_non_food
<b>F11.4. Fertilizers</b>	F145_fertilizer_amount_all_food	F146_fertilizer_cost_all_food	F161_fertilizer_amount_sugarcane	F162_fertilizer_cost_sugarcane	F177_fertilizer_amount_jatropha	F178_fertilizer_cost_jatropha	F193_fertilizer_amount_all_non_food	F194_fertilizer_cost_all_non_food
<b>F11.5. Manure</b>	F147_manure_amount_all_food	F148_manure_cost_all_food	F163_manure_amount_sugarcane	F164_manure_cost_sugarcane	F179_manure_amount_jatropha	F180_manure_cost_jatropha	F195_manure_amount_all_non_food	F196_manure_cost_all_non_food
<b>F11.6. Irrigation</b>	F149_irrigation_amount_all_food	F150_irrigation_cost_all_food	F165_irrigation_amount_sugarcane	F166_irrigation_cost_sugarcane	F181_irrigation_amount_jatropha	F182_irrigation_cost_jatropha	F197_irrigation_amount_all_non_food	F198_irrigation_cost_all_non_food
<b>F11.7. Nothing to be asked</b>								
<b>F11.8 Other (Specify)</b>	F151_agrochemicals_amount_all_food	F152_agrochemicals_cost_all_food	F167_agrochemicals_amount_sugarcane	F168_agrochemicals_cost_sugarcane	F183_agrochemicals_amount_jatropha	F184_agrochemicals_cost_jatropha	F199_agrochemicals_amount_all_non_food	F200_agrochemicals_cost_all_non_food

**F12** How much do you pay for the following agricultural activities?

Ask all activities for the same type of crop consequently. Once you finish all activities for the same type of crop, then proceed to the next type of crop and ask all the activities consequently, etc. Consider only purchased labor. Specify that we require amounts from ALL farmer plots the past year. Insert in table below costs per year.

	1. All Food Crops	2. Sugarcane	3. Jatropha	4. Other non-food crops
<b>F12.1. Land preparation</b>	F203_land_preparation_all_food	F209_preparation_sugarcane	F215_land_preparation_jatropha	F221_land_preparation_other_non_food
<b>F12.2. Planting</b>	F204_planting_all_food	F210_planting_sugarcane	F216_planting_jatropha	F222_planting_other_non_food
<b>F12.3. Weeding</b>	F205_weeding_all_food	F211_weeding_sugarcane	F217_weeding_jatropha	F223_weeding_other_non_food
<b>F12.4. Harvesting</b>	F206_harvesting_all_food	F212_harvesting_sugarcane	F218_harvesting_jatropha	F225_transportation_other_non_food
<b>F12.5. Transport</b>	F207_transportation_all_food	F213_transportation_sugarcane	F219_transportation_jatropha	F227_apply_agrochemicals_on_food
<b>F12.6. Apply agrochemicals</b>	F226_apply_agrochemicals_on_food			

F12.7. Other production costs (Specify)				
-----------------------------------------	--	--	--	--

## SECTION G: FOOD SECURITY

### To be administered to ALL respondents

G1. How many meals does your household usually eat per day? G1\_meals \_\_\_\_\_

G2. How many months in the year did you or any household member go to sleep at night hungry because there was not enough food? G2\_#months \_\_\_\_\_

G3. During which months does your household not have enough food?

G3\_months, G4\_months, G5\_months, G6\_months, G7\_months. Tick relevant months

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

G8. During these months that you go hungry, or do not have enough food, how do you mainly get by?

Circle the main three. G8\_coping, G9\_coping, G10\_coping

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 = Rely on less preferred and less expensive food<br/>                 2 = Borrow food or rely on help from relative/friend<br/>                 3 = Buy food on credit<br/>                 4 = Gather wild food, hunt<br/>                 5 = Consume seed stock from next year<br/>                 6 = Send household members to eat elsewhere<br/>                 7 = Limit portion size<br/>                 8 = Restrict consumption of adults for little children to eat<br/>                 9 = Feed working members at the expense of non-working members<br/>                 10 = Ration money saved and buy prepared food<br/>                 11 = Reduce number of meals eaten in a day<br/>                 12 = Skip entire days without eating<br/>                 13 = Borrow money to buy food<br/>                 14 = Casual labour for food (as payment)<br/>                 15 = Food Aid<br/>                 16 = Other (Specify) _____</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION H: IMPACT OF SUGARCANE FARMING

To be administered to respondents who FARM sugarcane (in Tshaneni and Dwangwa) – i.e. Groups A2, A3, C9

H1. When did you start growing sugarcane? \_\_\_\_\_ Year **H1\_start\_sugarc**

H2. In what type of land holding is your sugarcane planted? **H2\_landholding**

Circle

- 1=Customary
- 2=Freehold
- 3=Rented land
- 4=Communal
- 5=Title deed (leased) land
- 6=Other (Specify) \_\_\_\_\_

H3. What was the land now used for sugarcane previously used for? **H3\_previous\_use**

Circle.

- 1=Unused
- 2=Subsistence farming (Specify main crops) \_\_\_\_\_
- 3=Livestock production/grazing
- 4=Cash crops (Specify main crops) \_\_\_\_\_
- 5=Non-agricultural use (Specify uses) \_\_\_\_\_
- 6=Commercially leased
- 7=Leased to relatives/friends at no cost
- 8=Other use (Specify) \_\_\_\_\_

H4. Why do you grow sugarcane? Circle. **H4\_reason\_sugarcane**

- 1=Own consumption;
- 2=Sale to sugarcane company;
- 3=Both

**H5.1.** Do you belong to a sugarcane association/Farmer Company? Circle.  
**H5\_association**

- 1=Yes,
- 2=No

**H5.2.** If yes, Which one? Circle. **H6\_specify**

H6. Under whose name is the association registered? Circle. **H7\_register**

- 1=Self
- 2=Spouse
- 3=Other

H7.1 Who introduced you to sugarcane farming? Circle. **H8\_intro**

- 1=Spouse
- 2=Other family member/relative
- 3=Friends
- 4=Neighbor
- 5=Other community member
- 6=Social group (Specify type of group) \_\_\_\_\_

- 7=RSSC agent
- 8=Smallholder sugarcane association/authority e.g SWADE
- 9=Government agent (Specify) \_\_\_\_\_
- 10=Other opinion leader e.g. church elder (Specify) \_\_\_\_\_
- 11=Other (Specify) \_\_\_\_\_

**H7.2** If responded answered (2),(3),(4),(5),(10) please ask. Did (...) already grow sugarcane? Circle **H9\_DidTheyAlreadyGrow**

- 1=Yes
- 2=No
- 3=Do not know

**H8.** What type of sugarcane farming system are you engaged in? Circle **H10\_type**

- 1=Rainfed
- 2=Irrigated
- 3=Combination
- 4=Other (Specify) \_\_\_\_\_

**H9.** Which household members are responsible for each of the following activities associated with sugarcane farming?

For each category, tick the appropriated box (can be more than one):

Type of farm works	1. Respondent	2. Wife or husband	3. Other household member	4. Hired labor	5. Haulage Company	6. Other (Specify)
9.1. Land preparation	H11_landp	H12_landp 19	H13_landp			
9.2 Planting	H14_planting	H15_plantin g	H16_planting			
9.3. Weeding	H17_weeding	H18_weedin g	H19_weedin g			
9.4. Apply chemicals (herbicides, fertilizers, ripening)	H20_applic	H21_applic	H22_applic			
9.5. Harvesting/cutting cane	H23_harvest	H24_harvest	H25_harvest			
9.6. Transport of cane to mill	H26_transpor t	H27_transp ort	H28_transpo rt			
9.7. Other activity 1 (Specify)						
9.8. Other activity 2 (specify) _____						

**H10.** Fill in the following table in relation to the type of activities/assets on which the households spend the money obtained from **growing sugarcane**. If the household has spent money for a specific activity/asset ask the total expense and who made the decision for spending the money in that way. In the questions below (...) denotes the different types of activities/assets.

Now we want you to think whether the income you have received from **growing sugarcane** has allowed your household to cover specific needs or buy things that could not have been possible otherwise.

**H10.1.** Did you spend money on (...) Insert in table below (1) if Yes, (2) if No  
If answer in previous question was yes then ask following questions

**H11.** How much was the overall cost? *Insert amount in table below*

**H12.** Who made the decision? *Insert in table below*

	H10. 1=Yes, 2 = No	H11. Costs (per category)	H12. Who made the decision? 1=Self; 2=Spouse; 3=Both; 4=Child; 5=other household member
Land	H29_land	H30_cost	H31_decision
Food (per year)	H32_food	H33_cost	H34_decision
Marriage (Lobola)	H35_marriage	H36_cost	H37_decision
Education (per year)	H38_edu	H39_cost	H40_decision
Health (per year)	H41_health	H42_cost	H43_decision
Housing/construction	H44_housing	H45_cost	H46_decision
Fuel (per year)	H47_fuel	H48_cost	H49_decision
Buy asset 1 (Specify)	H50_bicycle	H51_cost	H52_decision
Buy asset 2 (Specify)	H53_tv	H54_cost	H55_decision
Buy asset 3 (Specify)	H56_sound	H57_cost	H58_decision
Other (Specify)	H59_invertor	H60_cost	H61_decision
Other (Specify)	H62_solar	H63_cost	H64_decision
Other (Specify)	H65_gene	H66_cost	H67_decision
Other (Specify)	H68_fridge	H69_cost	H70_decision
Other (Specify)	H71_car	H72_cost	H73_decision
Other (Specify)	H74_chairs_beds	H75_cost	H76_decision

**H13.** Has the sugarcane company developed any of the following amenities in your area? *Ask each amenity consecutively and insert response in the table: (1) Yes; (2) No; (3) = Do not know. If answer is Yes then ask the following question*

**H14.** How much has your household benefited from these amenities developed by the company? *Enter in the table below 1=A lot; 2= Little; 3=Not at all*

	H13. 1=Yes, 2=No 3=Do not know	H14. 1=A lot 2=Little 3=Not at all
Roads	H80_roads	H81_benefit
Schools	H82_schools	H83_benefit
Clinics	H84_clinics	H85_benefit
Dams/boreholes for water	H86_dams_boreholes	H87_benefit
Electricity	H88_electricity	H89_benefit

Other(Specify)_____	H90_police	H91_benefit
	H90_other_specify	

H15. Are you satisfied with sugarcane farming? H92\_satisfied

Circle.

1 = Not happy at all

2 = Somewhat happy

3 = Moderately happy

4. = Very happy

H16. Would you continue to engage in sugarcane farming in the future? H93\_continue

Circle.

1 = Yes,

2 = No

H17. Please provide reasons for your response above. Summarize main reasons offered by respondent

H17.1 Main reason for continuation H94\_cont\_reason

---

H17.2 Main reason for discontinuing H95\_discont\_reason

---

## SECTION I: BENEFITS FROM PLANTATION WORK

To be administered to respondents who are EMPLOYED by a sugarcane or jatropha company (in Dwanwa, Tshaneni, Buzi). - i.e. Groups A1, C8, C15, D15

I1. When did you start working for the Company? Year *I1\_start*

I2. Why did you start working for the Company? *I2\_why*

- 1=No access to land
- 2=No access to cash
- 3=Better than farming
- 4=Other (specify) \_\_\_\_\_

I3. What is your position at the Company? \_\_\_\_\_ *I3\_position*

I4. Did you have to move to start working for the Company? Circle *I4\_move*

- 1=Yes
- 2. =No

I5. If so, how many Km away from the plantation is your original home? \_\_\_\_\_ Km  
*I5\_distance*

I6. Does your household have access to land for farming? Clarify that we do not refer to parents' household, but the respondent's own household. Circle *I6\_land*

- 1=Yes
- 2. = No

I7. How far is it from the plantation? \_\_\_\_\_Km  
*I7\_distance*

I8. Who farms MAINLY your land while you work for the Company? Circle *I8\_WhoFarms*

- 1 = Respondent in spare time (or out of season)
- 2 = Wife or husband
- 3 = Other household member
- 4 = Close friend/neighbor
- 5 = Hired labor
- 6= Other (please specify) \_\_\_\_\_

I9. How has your work for the Company affected your farm yields? Circle *I9\_work\_yield*

- 1 = Improved yields
- 2 = Same yields
- 3. = Decreased yields

I10. Has working for the Company affected your household access to food? Circle *I10\_food\_access*

- 1 = Improved access
- 2 = Same access
- 3 = Decreased access

I11. What do you think is the MAIN reason for this effect on access to food? Please ask as an open question and choose as appropriate. Circle ONLY one answer

*I11\_reason*

- 1=Loss of land
- 2=Loss of labour
- 3=High income
- 4=Stable income
- 5=Timing of the income
- 6=Access to fertilizer/pesticides
- 7=Loss of access to fertilizer/pesticides
- 8=Other (please specify) \_\_\_\_\_

*I12~I15. Fill in the following table in relation to the type of activities/assets on which the households spend the money obtained from **employment in the plantation**. If the household has spent money for a specific activity/asset ask the total expense and who made the decision for spending the money in that way. In the questions below (...) denotes the different types of activities/assets.*

Now we want you to think whether the income you have received from working for the Company has allowed your household to cover specific needs or buy things that could not have been possible otherwise.

I12. Did you spend money on (...) Insert in table below (1) if Yes, (2) if No

If answer in previous question was yes then ask following questions

**I13.** How much was the overall cost? *Insert amount in table below*

**I14.** Who made the decision? *Insert in table below*

	<b>I12.</b> 1=Yes, 2 = No	<b>I13.</b> Expenditure (per category)	<b>I14.</b> Who made the decision? 1=Self 2=Spouse 3=Both 4=Other household member	15. Specific comments
1.Land	I12_land	I13_cost_land	I14_decision_land	
2.Food (per year)	I15_food	I16_cost_food	I17_decision_food	
3.Marriage (Lobola)	I18_lobola	I19_cost_lobola	I20_decision_lobola	
4. Education (per year)	I21_edu	I22_cost_edu	I23_decision_edu	
5. Health (per year)	I24_health	I25_cost_heath	I26_decision_health	
6.Housing/construction	I27_house	I28_cost_house	I29_decision_house	
7.Fuel (per year)	I30_fuel	I31_cost_fuel	I32_decision_fuel	
8. Buy asset 1 (Specify)	I33_bike	I34_cost_bike	I35_decision_bike	
9.Buy asset 2 (Specify)	I36_tv	I37_cost_tv	I38_decision_tv	
10.Buy asset 3 (Specify)	I39_soundS	I40_cost_soundS	I41_decision_soundS	
11. Other (Specify)	I42_invertor	I43_cost_invertor	I44_decision_invertor	
12. Other (Specify)	I45_solar	I46_cost_solar	I47_decision_solar	
13. Other (Specify)	I48_gen	I49_cost_gen	I50_decision_gen	
14. Other (Specify)	I51_fridge	I52_cost_fridge	I53_decision_fridge	
15. Other (Specify)	I54_car	I55_cost_car	I56_decision_car	
16. Other (Specify)	I57_chairbed	I58_cost_chairbed	I59_decision_chairbed	

**I15.** Has the Company developed any of the following amenities in your area? *Ask each amenity consecutively and insert response in the table: (1) Yes; (2) No; (3) = Do not know.*

*If answer is Yes then ask the following question*

**I16.** How much has your household benefited from these amenities developed by the Company? *Enter in the table below*

	1. 1=Yes, 2=No 3=Do not know	2. 1=A lot 2=Little 3=Not at all
16.1 Roads	I63_roads	I64_benefit_roads
16.2 Schools	I65_schools	I66_benefit_schools

16.3 Clinics	I67_clinics	I68_benefit_clinic
16.4 Dams/boreholes for water	I69_dams_boreholes	I70_benefit_borehole
16.5 Electricity	I71_electricity	I72_benefit_electricity
16.6 Other (Specify)_____	I73_police	I74_benefit_police
	I74_benifits_other_specify	

I17. Are you happy working in the Illovo, RSCC or SWADE plantation? *Circle.*

*I75\_satisfaction*

- 1 = Not happy at all
- 2 = Somewhat happy
- 3 = Moderately happy
- 4. = Very happy

I18. Would you like to continue being engaged in the Illovo, RSCC or SWADE plantation in the future? *Circle. I76\_engage*

- 1 = Yes
- 2. = No

I19. Please provide reasons for your response above. *Summarize main reasons offered by respondent*

I19.1. Main reason for continuation

*I77\_reasonFor*

---

I19.2. Main reason for discontinuing

*I78\_reasonAgainst*

---

## SECTION J. COMMUNAL BENEFITS AND PERCEPTIONS OF SUGARCANE

To be administered to non-sugarcane growers WITHIN a sugarcane growing area (i.e. Dwangwa, Tshaneni) - Groups A4, C10

J1. Why are you not currently farming sugarcane? Circle *J1\_why\_not*

1=Not enough land

2=Not enough labour in household

3=Too far away from the mill/selling point

4=Too little profit to be made

5= My land does not meet the requirements for cane growing

6=Only want to grow food crops

7= My application was declined

8= Other (*specify*) \_\_\_\_\_

J2. Would you like to grow sugarcane in your land? Circle *J2\_want\_to\_grow*

1=Yes

2=No

J3. If you answered yes, why would you like to grow sugarcane in your land?

*J3\_if\_yes*

---

J4. If you answered no, what is the reason for not wanting to farm sugarcane?

*J4\_if\_no*

---

**J5.** Has the sugarcane Company developed any of the following amenities in your area? Ask each amenity consecutively and insert response in the table:

- (1) Yes;
- (2) No;
- (3) = Do not know.

If answer is Yes then ask the following question

**J6.** How much has your household benefited from these amenities developed by the Company? Enter in the table below 1=A lot; 2=Little; 3=Not at all

	1. 1=Yes, 2=No 3=Do not know	2. 1=A lot 2=Little 3=Not at all
3 Roads	J5_roads	J6_roads_benefit
4 Schools	J7_schools	J8_schools_benefit
5 Clinics	J9_clinics	J10_clinics_benefit
6 Dams/boreholes for water	J11_dams	J12_dams_benefit
7 Electricity	J13_electricity	J14_electricity_benefit
8 Other (Specify)_____	J15_police	J16_police_benefit
	J16_other_specify	

## SECTION K: IMPACTS OF JATROPHA GROWING

### To be administered to jatropha growers (Mangochi) – Group B6

K1. When did you plant your first Jatropha trees? \_\_\_\_\_Year **K1\_start**

K2. How many Jatropha trees do you currently have? \_\_\_\_\_trees **K2\_number**

K3. Do you grow jatropha as hedges or as a block plantation? *Circle*

**K3\_how\_you\_grew\_jatropha**

1=Hedges

2=Block plantation

3=Both

K4. In what type of land holding was the Jatropha planted? *Circle*. **K4\_landholding**

1 = Customary

2 = Freehold

3 = Rented land

4 = Communal

5 = Other (Specify) \_\_\_\_\_

K5. What was the land now used for Jatropha previously used for? *Circle*.

**K5\_landPreviouslyUsedFor**

1=Unused

2=Subsistence farming (Specify crops) \_\_\_\_\_

3=Livestock production/grazing

4=Cash crops (Specify crops) \_\_\_\_\_

5=Non-agricultural use (Specify uses) \_\_\_\_\_

6=Commercially leased

7=Leased to relatives/friends at no cost

8=Other use (Specify) \_\_\_\_\_

K6.1 Who introduced you to Jatropha farming? *Circle*. **K6\_introduced**

1=Spouse

2=Other family member/relative

3=Friends

- 4=Neighbor
- 5=Other community member
- 6=Social group (Specify type of group) \_\_\_\_\_
- 7=BERL agent
- 8=Government agent (Specify) \_\_\_\_\_
- 9=Other opinion leader e.g. church elder (Specify) \_\_\_\_\_
- 10=Other (Specify) \_\_\_\_\_

**K6.2** If respondent answered (2),(3),(4),(5),(9) please ask. Did (...) already grow jatropha?

Circle **K7\_alreadyGrow**

- 1=Yes
- 2=No
- 3=Do not know

**K7~K9.** How much jatropha did you harvest from your field and other areas in the last season and how much money did you receive per Kg?

Ask the same question for previous seasons as well. We do not need exact numbers, but approximations. Insert in table below by season the harvested amount (in Kg) by source and the price sold (MKW/Kg)

Season	1. From my farm (Kg)	2. From other sources (Kg)	3. Price sold (MKW/Kg)
7. 2013-2014	K8_harvestField2014	K9_harvestOther	K10_price
8. 2012-2013	K11_harvestField2013	K12_harvestOther	K13_price
9. 2011-2012	K14_harvestField2012	K15_harvestOther	K16_price

**K10.** Please specify which these other sources are: \_\_\_\_\_

**K17\_otherSources**

**K11~K17.** Which household members are responsible for each of the following activities associated with jatropha farming?

For each category, insert the appropriated codes (can be more than one):

1 = Self; 2 = Spouse; 3 = Child (ren); 4= Other household member; 5= Hired labor; 6= Other (please specify in appropriate cell)

	1. Respondent	2. Wife or husband	3. Children	4. Other household member	5. Hired labor	6. Haulage Company	7. Other (Specify)
1 Land preparation	K18_landprep	K19_landprep	K20_landprep				
2 Weeding	K21_weeding	K22_weeding	K23_weeding				
3 Apply fertilizer/ agrochemical	K24_fert	K25_fert	K26_fert				
4 Harvesting/Seed picking in the farm	K27_INharvest	K28_INharvest	K29_INharvest				
5 Harvesting/Seed picking outside the farm	K30_OUTharvest	K31_OUTharvest	K32_OUTharvest				

6 Shelling	K33_shelling	K34_shelling	K35_shelling										
7 Transport to selling point	K36_transport	K37_transport	K38_transport										
8 Other (specify) _____													

Fill in the following table in relation to the type of activities/assets on which the households spend the money obtained from **growing jatropha**. If the household has spent money for a specific activity/asset ask the total expense and who made the decision for spending the money in that way. In the questions below (...) denotes the different types of activities/assets.

Now we want you to think whether the income you have received from **growing jatropha** has allowed your household to cover specific needs or buy things that could not have been possible otherwise.

**K18.** Did you spend money on (...) Insert in table below (1) if Yes, (2) if No

If answer in previous question was Yes then ask following questions

**K19.** How much was the overall cost? Insert amount in table below

**K20.** Who made the decision? Insert in table below 1=Self; 2=Spouse; 3=Both; 4=Child; 5=other household member

	1. 1=Yes 2 = No	2. Costs (per category)	3. Who made the decision? 1=Self 2=Spouse 3=Both 4=Child 5=other household member	4. Specific comments
1.Land	K39_land	K40_cost	K41_decision	
2.Food (per year)	K42_food	K43_cost	K44_decision	
3.Marriage (Lobola)	K45_lobola	K46_cost	K47_decision	
4.Education (per year)	K48_edu	K49_cost	K50_decision	
5.Health (per year)	K51_health	K52_cost	K53_decision	
6.Housing/construction	K54_housing	K55_cost	K56_decision	

7. Fuel (per year)	K57_fuel	K58_cost	K59_decision		
8. Buy asset 1 (Specify)	K60_bike	K61_cost	K62_decision		
9. Buy asset 2 (Specify)	K63_tv	K64_cost	K65_decision		
10. Buy asset 3 (Specify)	K66_sound	K67_cost	K68_decision		
11. Other (Specify)	K69_invertor	K70_cost	K71_decision		
12. Other (Specify)	K72_solar	K73_cost	K74_decision		
13. Other (Specify)	K75_gen	K76_cost	K77_decision		
14. Other (Specify)	K78_fridge	K79_cost	K80_decision		
15. Other (Specify)	K81_car	K82_cost	K83_decision		
16. Other (Specify)	K84_chairsBeds	K85_cost	K86_decision		
17. Other (Specify)	K87_asset10	K88_cost	K89_decision		

**K21.** Are you satisfied with Jatropha farming? *Circle* K90\_satisfaction

- 1 = *Not happy at all*
- 2 = *Somewhat happy*
- 3 = *Moderately happy*
- 4 = *Very happy*

**K22.** Would you continue to engage in Jatropha farming in the future? *Circle* K91\_engage

- 1 = *Yes,*
- 2 = *No*

**K23.** Please provide reasons for your response above. *Summarise main reasons offered by respondent*

**K23.1** Main reason for continuation K92\_reasonFor

---

**K23.2** Main reason for discontinuing K93\_reasonAgainst

---

## SECTION L: PERCEPTIONS OF JATROPHA

To be administered to non-jatropha growers in a region with jatropha (Mangochi, Malawi) –Group B7

L1. Do you know the plant jatropha? Circle L1\_Know\_Jatropha

1=Yes

2=No

*If respondent answered Yes proceed with the following questions.*

L2. Why are you not currently farming jatropha? Circle L2\_Why\_no\_farm\_Jatropha

1=Not enough land

2=Not enough labour in household

3=Too far away from the selling point

4=Too little profit to be made

5= My land does not meet the requirements for jatropha growing

6=Only want to grow food crops

7=Other (specify) \_\_\_\_\_

L3. Would you like to grow jatropha in your land? Circle **L3\_Like\_to\_grow\_Jatropha**

1=Yes

2=No

L4. If you answered Yes, what is the reason for wanting to farm jatropha

**L4a\_Reason\_1\_wanting**

---

**L4b\_Reason\_2\_wanting**

---

L5. If you answered no, what is the reason for not wanting to farm jatropha?

**L5a\_Reason\_1\_not\_wanting**

---

**L5b\_Reason\_2\_not\_wanting**

---

## **SECTION M: BENEFITS OF JATROPHA INDUSTRY TO NON-EMPLOYEES**

**To be administered to non-worker living close to Niqel jatropa plantation (Buzi) – Group D13**

M1. Do you know the Niqel Jatropa plantation? *Circle*

**M1\_KNOW\_Niqel**

1=Yes

2=No

*If respondent answered yes proceed with the following questions.*

M2. Why are you currently not working for Niqel? *Circle*

**M2\_why\_not\_working\_niqel**

**M2\_why\_not\_working\_Niqel\_reasons**

1=Not enough time to work on own farm and Niqel plantation

2=Too far away from my household

3=Niqel pays too low salaries

4=My household is not eligible. Please specify the reason:

\_\_\_\_\_

5= I don't want to work for the company.

6=Other (specify) \_\_\_\_\_

M3. If you or your spouse is offered a permanent job by Niqel, would you take it? *Circle*

**M3\_if\_offered\_job\_take\_up**

1=Yes

2=No

M4. If you answered Yes, what is the reason for willing to work for Niqel?

#### M4\_Reasons\_why\_take\_up

---

---

M5. If you answered no, what is the reason for not willing to work for Niqel?

#### M5\_Reasons\_why\_no\_want\_take\_up

---

---

M6. Has the jatropha company (Niqel) developed any of the following amenities in your area? Ask each amenity consecutively and insert response in the table: (1) Yes; (2) No; (3) = Do not know.

If answer is Yes for an amenity type then ask the following question

M7. How much has your household benefited from these amenities developed by the company? Enter in the table below 1=A lot; 2=Little; 3=Not at all

	1. 1=Yes, 2=No 3=Do not know	2. 1=A lot 2=Little 3=Not at all
1. Roads	M6_roads	M7_benefit
1. Schools	M8_schools	M9_benefit
1. Clinics	M10_clinics	M11_benefit
1. Dams/boreholes for water	M12_damboreholes	M13_benefit
1. Electricity	M14_electricity	M15_benefit
1. Other (Specify) _____	M16_other	M17_benefit

M8. If offered work in the plantation in the future, would you accept it? Circle.  
M18\_acceptToWork

1 = Yes,

2 = No

**M9.** Please provide reasons for your response above. *Summarize main reasons offered by respondent*

**M4.1** Main reason for accepting **M19\_reasonFor**

---

**M4.2** Main reason for not accepting **M20\_reasonAgainst**

---

**N. Subjective Wellbeing**

**To be administered to ALL respondents**

**N1~N4.** Ask the questions in table for now, 5 and 10 years ago. *Insert in table below*

	1. Now/yesterday	2. 5 years ago	3. 10. ears ago
<b>N1.</b> Overall, how satisfied are you with your life?  <i>1 = Not at all satisfied; 2 = Somewhat satisfied; 3 = Moderately satisfied; 4=Very satisfied</i>	<b>N1_satisfaction_now</b>	<b>N2_satisfaction_5</b>	<b>N3_satisfaction_10</b>

<p><b>N2.</b> Overall, to what extent do you feel the things you do in your life are worthwhile?</p> <p><i>1 = Not at all; 2 = Somewhat worthwhile; 3= Moderately worthwhile; 4=Very worthwhile</i></p>	<p>N4_worthwhile_now</p>	<p>N5_worthwhile_5</p>	<p>N6_worthwhile_10</p>
<p><b>N3.</b> Overall, how happy do you feel?</p> <p><i>1 = Not at all; 2 = Somewhat happy; 3 = Moderately happy; 4=Very happy</i></p>	<p>N7_happiness_now</p>	<p>N8_happiness_5</p>	<p>N9_happiness_10</p>
<p><b>N4.</b> Overall, how anxious do you feel?</p> <p><i>1 = Not at all; 2 = Somewhat anxious; 3 = Moderately anxious; 4=Very anxious</i></p>	<p>N10_anxious_now</p>	<p>N11_anxious_5</p>	<p>N12_anxious_10</p>

## O. General comments

### **To be administered to ALL respondents**

Do you have any general comments on this study/interview? [Res\\_Comments](#)

---



---

### ***Thank the respondents for their time***

General comments from interviewer [Enu\\_comments](#)

---



---