



Impact Assessment of Guangxi Integrated Agricultural Development Project (GIADP)

Household Survey Questionnaire

June 2017

Universal code

-97 = Not applicable
-98 = Do not know
-99 = Missing information

MODULE 1: HOUSEHOLD IDENTIFICATION COVER SHEET

Q101 County	Q102 Township	Q103 Administrative village	Q104 HH number	Q105 Household location (GPS coordinate)			Q107 Enumerator code	Q108 Supervisor code
				a. Elevation	b. Latitude	c. Longitude		
Q109 Name of household head		Q110 Name of respondent			Q111 Serial number of respondent			Q112 Date of survey yyyy/mm/dd
Q113 Beneficiary status of the household (To be filled by the enumerator himself)			1= Beneficiary (Treatment) 2= Non-beneficiary (Control)					

Hello!

We thank you for your kind accommodation of our request to conduct this interview. You have been randomly selected as one of the respondents for a survey being conducted by Daxue Consulting, in collaboration with the Guangxi Department of Agriculture and IFAD.

The survey will help those involved to learn about the current social and economic status of farm households in China, and will provide valuable insights that will help to design future support services. So that the insights produced by the survey are the most useful for these purposes, we ask that you answer these questions truly and to the best of your knowledge.

We emphasize that the aim of this research is to **LEARN**, and so please do not feel you must provide only positive responses, or feel that you must adjust your answers away from the truth in any way. However, please also do not also feel obliged to answer any question for which you do not feel comfortable. And,

Please rest assured that all the information you provide shall be used solely for this purpose and shall be handled with strictest confidentiality.

Thank you for your cooperation!

Daxue Consulting

MODULE 2.1: HOUSEHOLD ROSTER (DEMOGRAPHICS)

NOTE TO ENUMERATOR: We ask about the demographic information of all household members currently living in the household.

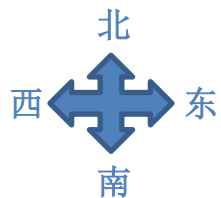
[illegible]

Q204		Q205		Q205		Q206	
Relationship with household head		Disability		Education level		Marital status	
1=	Head	0=	None	0=	Never attended school	1=	Never married
2=	Spouse/partner	1=	Partial visual impairment	1=	Primary school	2=	Married
3=	Father/mother	2=	Total visual impairment	2=	Lower middle school	3=	Divorced
4=	Son/daughter	3=	Partial hearing impairment	3=	Upper middle school	4=	Separated
5=	Brother/sister	4=	Total hearing impairment	4=	Technical or vocational degree	5=	Widowed
6=	Grandson/granddaughter	5=	Mobility and orthopedic impairment	5=	University or college degree	6=	Other, please specify
7=	Father-in-law/mother-in-law	6=	Other, please specify	6=	Master's or higher degree		
8=	Son-in-law/daughter-in-law						
9=	Other relative						
10=	Maid						
11=	Other non-relative						
Q212/Q218		Q208		Q209		Q213/Q219	
Job		Ethnicity		Religion		Location of job	
1=	Agriculture/forestry/fishery	1=	Han	1=	No organized religion	1=	Within household/on farm
2=	Mining	2=	Yao	2=	Taoism	2=	This village
3=	Manufacturing	3=	Hui	3=	Buddhism	3=	Neighboring village
4=	Construction	4=	Miao	4=	Christianity (Protestant)	4=	Township main town
5=	Transport/storage	5=	Zhuang	5=	Islam	5=	County main town
6=	Civil service/official	6=	Puyi	6=	Catholicism	6=	Nanning
7=	School teacher	7=	Gelao	7=	Traditional worship (polytheistic worship, Nature worship, ancestor worship, etc)	7=	Elsewhere in Guangxi
8=	Trading/business/commerce	8=	Tujia	8=	Other, please specify	8=	Elsewhere in China
9=	Services	9=	Maonan			9=	Other, please specify
10=	Communication	10=	Yaolao				
11=	Other non-agricultural employment	11=	Shuizu				
12=	Other, please specify	12=	Other, please specify				
13=	No secondary job						

[illegible]

MODULE 3.1: MAP OF LAND AREA (PRINTED OUT FOR THE RESPONDENT TO SKETCH)

NOTE TO ENUMERATOR: In the space below, ask the respondent sketch out all the parcels he owns, rents, or sharecrops, and cultivated on **during the past 12 months**, how those parcels are shaped, the relative size of those parcels, where they are relative to the household, and approximate distance in minutes (return trip) to the household. Also, ask the respondent clearly indicate any key landmarks (e.g., roads, rivers, wells, caves, markets, religious shrines etc.) located near each parcel. All parcels should be numbered. A parcel is defined as a contiguous piece of land.



Cultivating season	Parcel	Crop
Summer (June-September 2016)		
Autumn (October 2016-January 2017)		
Spring (February-May 2017)		

[illegible]

Q304	Q305	Q306	Q307
1= Allocated land (责任田) 2= Contracted land (承包田) 3= Ration land (口粮田) 4= Private plots (自留田) 5= Land contracted through auction (投包田) 6= Newly opened waste land (开荒地) 7= Other, please specify	1= Annual crop land (一年生作物地) 2= Perennial crop land (多年生作物地) 3= Forest land (林地) 4= Fish pond (渔池) 5= Pasture land (牧场) 6= Waste land (荒地) 7= Other, please specify	1= Owned 2= Rented from others 3= Rented to others 4= Share-cropped in 5= Borrowed for free	1= Given by government 2= Assigned under a program or project 3= Inherited from other family members 4= Given free of charge by relative or friend 5= Purchased, 6= Cleared and occupied 7= Exchanged for another plot 8= Obtained by auction 9= Other, please specify

MODULE 4.1: CROP PRODUCTION (AGGREGATE)

NOTE TO ENUMERATOR: Ask the respondent to list all parcels that his household has cultivated on **during the past 12 months**.

Cultivating season	Parcel ID	What were the main crops grown on this parcel in this season?	In what month did you plant this crop on this parcel in this season?	What was the cultivation area of this crop on this parcel in this season?	What was the method of cropping of this crop on this parcel in this season?	How much was portion of intercropped land allocated to the main crop on this parcel during this season?	Which other crop did you intercrop/multiplecrop this main crop with on this parcel during this season?
List <u>ALL cultivated seasons</u> during the past 12 months, starting from Spring 2016 season	List <u>ALL parcels</u> cultivated during the past 12 months, starting from the first parcel during the first season	Record crop ID **MULTIPLE CROPS ARE PLANTED ON THE SAME PARCEL IN THE SAME SEASON , ENTER THEM ON SEPARATE LINES, STARTING FROM THE FIRST CROP ON THE FIRST PARCEL IN THE FIRST SEASON**	0= Perennial (for perennial crop) 1= January 2= February 3= March 4= April 5= May 6= June 7= July 8= August 9= September 10= October 11= November 12= December	[...] Mu	1= Monocropping >> Next item 2= Intercropping >> Q404b 3= Multiplecropping >> Q404b	[...] %	Record crop ID
Q401	Q402	Q403a	Q403b	Q403c	Q404a	Q404b	Q404c

Q403a/Q407	Q401
<p><u>Annual crop:</u> 1= Rice (paddy), 2= Corn, 3= Wheat, 4= Sorghum, 5= Millet, 6= Potato, 7= Sweet potato, 8= Soy bean, 9= Cow pea, 10= Peanut, 11= Rapeseed, 12= Water chestnut, 13= Taro, 14= Cassava, 15= Chinese yam, 16= Green leaf vegetables, 17= Tomato, 18= Cucumber, 19= Monk fruit, 20= Agaric, 21= Lotus root, 22= Black sugarcane, 23= Root of kudzu vine, 24= Arrowhead, 25= Mushroom, 26= Pepper, 27= Other, please specify</p> <p><u>Perennial crop:</u> 28= Citrus, 29= Passion fruit, 30= Dragon fruit, 31= Guava, 32= Banana, 33= Litchi, 34= Longan, 35= Plum, 36= Pomelo, 37= Jujube, 38= Persimmon, 39= Grape, 40= Papaya, 41= Kiwi, 42= Peach, 43= Orange, 44= Tea, 45= Sweet tea, 46= Walnut, 47= Chestnut, 48= Macadamia nut, 49= Sugarcane, 50= Chinese medicinal herbs, 51= Other, please specify</p>	<p>1= Summer 2016 (June-September 2016)</p> <p>2= Autumn 2016 (October 2016-January 2017)</p> <p>3= Spring 2017 (February-May 2017)</p>

Q405	
1=	Summer 2016 (June-September 2016)
2=	Autumn 2016 (October 2016-January 2017)
3=	Spring 2017 (February-May 2017)

MODULE 4.3: CROP PRODUCTION (ORGANIC FERTILIZER)

Cultivating season Ask this module FOR EACH parcel and FOR EACH crops, starting from Spring 2016 season	Parcel ID List ALL parcels cultivated during this season, starting from the first parcel during the first season	Crop ID List ALL crops grown on this parcel during this season, starting from the first crop on the first parcel during the first season	Did you apply any organic fertilizer on this crop grown on this parcel during this season? 0= No >> Q416 1= Yes ***ORGANIC FERTILIZER INCLUDES ANIMAL MANURE, FARMYARD MANURE, COMPOST, CROP RESIDUE, GREEN MANURE, ETC. ***	How many organic fertilizer applications did you apply, and how much did you apply in total?		
Q405	Q406	Q407	Q414	No. of applications [...] Times Q415a	Quant. [...] Unit Q415b	Unit See code Q415c

Q415c
1= Jin, 2= Gram, 3= Kilogram, 4= Ton, 5= Milliliter, 6= Liter, 7= Other, please specify

Q416	Q418c/Q419b
1= DAP, 2= Urea, 3= CAN, 4= TSP, 5= NPK 6= Lime, 7= Foliar, 8= Other, please specify	1= Jin, 2= Gram, 3= Kilogram, 4= Ton, 5= Milliliter, 6= Liter, 7= Other, please specify

**Ask this module
FOR EACH parcel
and FOR EACH
crops, starting
from Spring 2016
season**

List ALL
parcels
cultivated
during this
season,
starting from
the first parcel
during the first
season

List ALL crops grown on this parcel during this season, starting from the first crop on the first parcel during the first season

Did you apply any pesticide on this crop grown on this parcel during this season?

0= No >>
Q424
1= Yes

What types of pesticide were used on this crop grown on this parcel during this season?

**See code
**IF MULTIPLE
PESTICIDES USED,
ENTER THEM ON
SEPARATE LINES****

How many pesticide applications did you apply, and how much did you apply in total?

What is the cost of this pesticide per container?

Please note the number of units per container, and the cost of a container. If many pesticides are used, please only list the type used the most for each crop.

Q405

Q406

Q407

Q420

Q421

No. of applications [...] Times

Quant.	[...] Unit
--------	------------

Unit
See code

No. of units [...] Unit

Unit
See
code

Cost per container
[...] **RMB**

Q421

Q422c/Q423b

1= Insecticide, 2= Herbicide, 3= Curative fungicide, 4= Preventative fungicide

1= Jin, 2= Gram, 3= Kilogram, 4= Ton, 5= Milliliter,
6= Liter, 7= Other, please specify

MODULE 4.6: CROP PRODUCTION (CULTURAL PRACTICES)

[illegible]

MODULE 4.7: CROP PRODUCTION (LABOR)

[illegible]

MODULE 4.8: CROP PRODUCTION (HARVEST)

[illegible]

Q440c/Q441b/Q442b/Q447b	Q444	Q445
1= Jin, 2= Gram, 3= Kilogram, 4= Ton, 5= Milliliter, 6= Liter, 7= Other, please specify	1= On farm, 2=This village, 3= Neighboring village 4= Township main market town 5= County main market town, 6= Nanning 7= Other, please specify	1= National grain storage 2= Enterprises (processing) 3= Contractual arrangement 4= Agricultural cooperative, 5= Middle man 6= Directly to consumer 7= Other, please specify

MODULE 5.1: HOUSEHOLD FOOD EXPENDITURES

During the past seven days, did you or others in your household eat any ... ? INCLUDE FOOD BOTH EATEN INSIDE AND OUTSIDE HOME 0= No >>Next item 1= Yes	During the past seven days, how much of this food item did your household consume?	During the past seven days, how much of this food item consumed come from own production?	During the past seven days, how much of this food item consumed was traded in?	During the past seven days, how much of this food item consumed come from gifts or other sources?	During the past seven days, how much of this food item did your household purchase?	
					Amount [...] Jin	Value [...] RMB
Q501	Q502	Q503	Q504	Q505	Q506a	Q506b
a. Rice						
b. Millet						
c. Maize						
d. Barley/sorghum						
e. Other grains (red beans, green beans)						
f. Wheat noodles						
g. Potatoes/sweet potatoes						
h. Yam or other tuber						
i. Rice/bean noodles						
j. Beef/mutton/pork						
k. Chicken/duck						
l. Sausage/ham or other processed meat						
m. Eggs						
n. Fish, shrimp or other seafood						
o. Oil/lard						
p. Nuts/sesame						

q. Soybean/tofu						
r. Vegetables (both fresh and dry)						
s. Fruits (both fresh and dry)						
t. Salt, pepper, spices, vinegar, MSG, sugar, honey, or other condiments						
u. Biscuits, cookies, bread, buns						
v. Milk/yogurt/cheese						
x. Water/soda/non-alcoholic drinks						
y. Alcoholic drinks						
z. Coffee/tea						

MODULE 5.2: HOUSEHOLD FOOD CONSUMPTION (PRINTED OUT FOR THE RESPONDENT TO LIST)

NOTE TO ENUMERATOR: Please ask the respondent to describe the meals (both foods and drinks) that you and other household members ate or drank **yesterday during the day and night, whether at home or outside home**. Start with the first food or drink of the morning.

Breakfast (早餐)	Snack (小吃)	Lunch (午餐)	Snack (小吃)	Dinner (晚餐)	Snack (小吃)

MODULE 5.3: DIETARY DIVERSITY (AGGREGATE)

NOTE TO ENUMERATOR: Based on what the respondent described in Module 5.2, please record whether yesterday the respondent or other household members consumed any food items in the following categories or not.

	<p>Yesterday, how many days did you or others in your household eat any of the following food items ?</p> <p>0= No 1= Yes</p>
	Q507
a. Cereals (rice, wheat, barley, maize, sorghum, millet, maize, etc., and including cereal products like noodles, breads, congee, porridge, soup, etc.)	
b. White root and tuber items (potato, cassava, yam, taro, etc.)	
c. Vitamin A-rich vegetable and tuber items (pumpkin, carrot, squash, sweet potato, etc.)	
d. Dark green leafy vegetables (amaranth, cassava leaves, spinach, kale, etc.)	
e. Other vegetables (tomatoes, onions, eggplants, etc.)	
f. Vitamin A-rich fruits (mangoes, melons, apricots, papayas, peaches, etc., and either fresh, dried, or juices)	
g. Other fruits (either fresh, dried, or juices)	
h. Organ meats (liver, kidney, heart, other organ meats, blood-based foods, etc.)	
i. Flesh meats (beef, pork, lamb, goat, rabbit, game, chicken, duck, other birds, insects, etc.)	
j. Eggs (from chicken, duck, guinea fowl or any other eggs from animals)	
k. Fish, shrimp or other seafood (both fresh and dried)	
l. Legumes, nuts, and seeds (dried beans, dried peas, lentils, nuts, seeds, or foods made from these including soybean paste and tofu)	
m. Dairy products (milk, yogurt, cheese, or other dairy products)	
n. Oil and fats (oil, fats, butter, margarine, or other oil and fat products used for cooking)	
o. Sweets (sugar, honey, sweetened soda or sweetened juice drinks, sugary foods such as chocolates, candies, cookies, and cakes)	
p. Condiments (spices, salt, pepper, MSG, chili sauce, tea, coffee, alcoholic drinks, etc.)	

MODULE 5.4: HOUSEHOLD FOOD SECURITY

	<p>During the past seven days, how many days did you or others in your household had to do the following?</p> <p>[...] Days (up to seven days, if no record 0)</p>
	Q508
a. Rely on less preferred and less expensive foods?	
b. Borrow food, or rely on help from a friend or relative?	
c. Purchase food on credit?	
d. Gather wild food, hunt, or harvest immature crops?	
e. Consume seed stock held for next season?	
f. Send household members to eat elsewhere?	
g. Send household members to beg?	
h. Limit portion size at mealtimes?	
i. Restrict consumption by adults in order for small children to eat?	
j. Feed working members of HH at the expense of non-working members?	
k. Reduce number of meals eaten in a day?	
l. Skip entire days without eating?	

MODULE 6.1: HOUSEHOLD NON-FOOD EXPENDITURES (ONE MONTH)

	<p>During the past month, how much money did your household spend on the following categories ?</p> <p>[...] RMB (Record 0 if did not spend anything on this item)</p>
	Q601
a. Grain processing fees (e.g. milling, etc.)	
b. Lighting sources (e.g. matches, batteries, candles, light bulbs, wire, etc.)	
c. Soap (e.g. dish soap, laundry soap, body soap)	
d. Other personal care products (e.g. toiletries, toothpaste, toilet paper, etc.)	
e. Fuel for cooking or heating (e.g. charcoal, firewood, kerosene etc.)	
f. Tobacco (e.g. cigarette, cigar, etc.)	
g. Transportation (e.g. hired truck, hired car, bus tickets, train tickets, etc.)	
h. Housing-related expenses (e.g. rent etc.)	
i. Donations to temples, churches, or other organizations	
j. Wage for hired labor	
k. Repair costs for dwelling or household items (e.g. repair costs, housing materials, etc.)	
l. Healthcare expenditures (e.g. hospitals fees, clinic fees, medicine, etc.)	
m. Formal insurance purchases (e.g. health insurance, asset insurance, etc.)	

MODULE 6.2: HOUSEHOLD NON-FOOD EXPENDITURES (12 MONTHS)

	<p>During the past 12 months, how much money did your household spend on the following categories ?</p> <p>[...] RMB (Record 0 if did not spend anything on this item)</p>
	Q602
a. Clothing items (e.g. clothes, shoes, fabric, scarves, etc.)	
b. Kitchen items (e.g. pots, pans, utensils, etc.)	
c. Linens (e.g. sheets, towels, blankets, napkins, handkerchiefs, etc.)	
d. Furniture items (e.g. mattresses, beds, sofas, etc.)	
e. Other household items (e.g. mats, curtains, mosquito nets	
f. Home electricity	
g. Gas and heating	
h. Social activities (e.g. birthdays, marriages, funerals, etc.)	
i. Beauty expenditures (e.g. haircuts, massages, cosmetics, beauty salons, etc.)	
j. Health expenditures (e.g. hospitals fees, clinic fees, medicine including transportation to medical clinics or hospitals)	
k. Educational expenditures (e.g. school fees, textbooks, school uniforms, etc.)	
l. Entertainment (e.g. movies, tapes, sports, dances, toys, etc.)	
m. Lotteries	
n. Taxes, violations, and other penalties	
o. Cash gifts for special occasions (e.g. birthdays, marriages, funerals, other festivals, etc.)	

MODULE 7: HOUSING CHARACTERISTICS

NOTE TO ENUMERATOR: Please verify whether the reported housing characteristics are accurate based on your observation (building structure, distribution of rooms and facilities) during the interview.

Q701	In what circumstance does the household live in this household?	1= Owned, 2= Free of rent, 3= Rented, 4= Other , please specify
Q702	What is the main construction material of the walls of the household?	1= Concrete, 2= Brick, 3= Earth, 4= Wood, 5= Other, please specify
Q703	What is the main material used to construct the roof of the household?	1= Concrete, 2= Straw or tree branches, 3= Tile, 4= Iron/steel, 5= Other, please specify
Q704	What is the main material used to construct the floor of the household?	1= Concrete, 2= Brick, 3= Earth, 4= Wood, 5= Floor board (wood), 6= Floor board (wood, man-made), 7= Floor board (plastic), 8= Other, please specify
Q705	What type of kitchen does the household have?	1= No kitchen, 2= Traditional kitchen – outside, 3= Traditional kitchen – inside, 4= Modern kitchen – outside, 5= Modern kitchen – inside, 6= Other, please specify
Q706	How many rooms does the household have?	[...] Number of rooms (record 1 if there is only one room in the entire dwelling)
Q707	What is the total size of the household?	[...] Sq. meters
Q708	What type is the bathing facility that people in this household mainly use throughout the year?	1= Tub – private, 2= Tub – shared, 3= Shower – private, 4= Shower – shared, 5= Room for shower – private, 6= Room for shower – shared, 7= No fixed location for bathing, 8= Other, please specify
Q709	What is the main type of lighting for the household?	1= Electricity, 2= Kerosene, 3= Oil, 4= Candle, 5= Other, please specify
Q710	What is the main type of heating energy for the household?	1= Solar, 2= Coal, 3= Electricity, 4= Kerosene, 5= Liquid natural gas, 6= Natural gas, 7= Wood, stick, straw, crop residue, 8= Charcoal, 9= Other, please specify
Q711	What is the main type of cooking fuel for the household?	1= Solar, 2= Coal, 3= Electricity, 4= Kerosene, 5= Liquid natural gas, 6= Natural gas, 7= Wood/stick/straw/crop residue, 8= Charcoal, 9= Other, please specify
Q712	What type is the toilet facility that people in this household mainly use?	1= Flush toilet - private, 2= Flush toilet - shared, 3= Pit - private, 4= Pit – shared, 5= Bucket, 6= Cement open pit, 7= Earth open pit, 8= Field/forest, 9= Other, please specify
Q713	What is the distance from your household to the nearest toilet facility ?	[...] Meters.
Q714	How long does it take to travel from your household to the nearest toilet facility (round trip, waiting time included)?	[...]Return trip, mins. (record 0 if toilet facility is inside the house)
Q715	How would you rate the quality of the toilet facility in your household?	1= Very good, 2= Good, 3= Poor, 4= Very poor

Q716	What is the main type of drinking water for this household during the rainy season? (record the most important source)	1= Private, tap water 2= Public, tap water 3= Private, well water 4= Public, well water 5= Other, please specify
Q717	What is the distance from your household the main source of drinking water during the rainy season?	[...] Meters. (record 0 if drinking water comes directly into the house)
Q718	How long does it take you to fetch drinking water from the source during the rainy season (round trip, waiting time included)?	[...]Return trip, mins. (record 0 if drinking water comes directly into the house)
Q719	What is this source of drinking water during the rainy season? (record the most important source)	1= Ground water (deeper than 5 m.), 2= Open well (shallower than 5 m.), 3= Creek/spring/river/lake, 4= Water plant, 5= Other, please specify
Q720	How would you rate the quality of the drinking water from this source during the rainy season?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q721	What is the main type of drinking water for this household during the dry season? (record the most important source)	1= Private, tap water 2= Public, tap water 3= Private, well water 4= Public, well water 5= Other, please specify
Q722	What is the distance from your household the main source of drinking water during the dry season?	[...] Meters. (record 0 if drinking water comes directly into the house)
Q723	How long does it take you to fetch drinking water from the source during the dry season (round trip, waiting time included)?	[...]Return trip, mins. (record 0 if drinking water comes directly into the house)
Q724	What is this source of drinking water during the dry season?	1= Ground water (deeper than 5 m.), 2= Open well (shallower than 5 m.), 3= Creek/spring/river/lake, 4= Water plant, 5= Other, please specify
Q725	How would you rate the quality of the drinking water from this source during the dry season?	1= Very good, 2= Good, 3= Poor, 4= Very poor

MODULE 8.1: DURABLE ASSETS

Do you currently own any of the following items? 0= No >> Next item 1= Yes	Number owned currently Quant. (count)	Estimated current value of asset in total Per Unit, [...] RMB	Number owned five years ago Quant. (count)
Q801	Q802	Q803	Q804
a. Electric stove			
b. Kerosene stove			
c. Mattress and/or bed			
d. Wrist watch/clock			
e. Mobile phone			
f. Radio/tape recorder			
g. Television			
h. CD/VCD/DVD/video deck			
i. Satellite dish			
j. Sofa set			
k. Bicycle			
l. Motorcycle			
m. Cart (hand pushed or animal drawn)			
n. Sewing machine/ weaving equipment			
o. Refrigerator			
p. Private car			
q. Gold/silver (in grams)			
r. Wardrobe			
s. Dust catcher/vacuum cleaner			

MODULE 8.2: PRODUCTIVE ASSETS

Do you currently own any of the following items? 0= No >> Next item 1= Yes	Number owned currently Quant. (count)	Estimated current value of asset in total Per Unit, [...] RMB	Number owned five years ago Quant. (count)	During the past 12 months, what was the quantity of this item did you purchase? Quant. (count)	During the past 12 months, how much money did you pay in total for buying this item? [...] RMB	During the past 12 months, how much money did you receive from the agricultural machinery subsidy program for buying this item? [...] RMB
Q805	Q806	Q807	Q808	Q809	Q810	Q811
a. Tractor						
b. Tricycle farm transporter						
c. Animal cart						
d. Seeder						
e. Harvester						
f. Thresher						
g. Grinder						
h. Stubble beater						
i. Sprayer						
j. Irrigation equipment						
k. Water pump						
l. Other farm machinery						

MODULE 9.1: LIVESTOCK ASSETS

Do you currently own any of the following types of livestock? 0= No >>> Next item 1= Yes	Number owned and currently on farm Quant. (count)	Estimated current value of livestock (total) Per Unit, [...] RMB	Number owned and on farm five years ago Quant. (count)	Number owned but currently off-farm Quant. (count)	Number owned but off-farm five years ago Quant. (count)	Total bought during the past 12 months Quant. (count)	Total money paid [...] RMB	Main point of purchase See code	Total travel time to point of purchase [...] Return trip, mins.	Total sold during the past 12 months Quant. (count)	Main point of sale See code	Total travel time to point of sale [...] Return trip, mins.	Total revenue made [...] RMB
Q901	Q902	Q903	Q904	Q905	Q906	Q907	Q908	Q909	Q910	Q911	Q912	Q913	Q914
a. Ox													
b. Milk cow													
c. Ordinary cow													
d. Calf													
e. Buffalo													
f. Sheep													
g. Goat													
h. Horse													
i. Mule													
j. Donkey													
k. Pig													
l. Chicken													
m. Duck/Goose													
n. Rabbit													
o. Other, please specify													

Q909/Q912
1= On farm, 2=This village, 3= Neighboring village, 4= County-level market town, 5= Nanning, 6= Other, please specify

MODULE 9.2: LIVESTOCK PRODUCTS

During the past 12 months, has your household produced any of the following livestock products? 0= No >> Next item 1= Yes	Total produced during the past 12 months Quant. (count)	Total consumed or used at home from own production Quant. (count)	Total bought during the past 12 months Quant. (count)	Total money paid [...] RMB	Main point of purchase See code	Total travel time to point of purchase [...] Return trip, mins.	Total sold during the past 12 months Quant. (count)	Main point of sale See code	Total travel time to point of sale [...] Return trip, mins.	Total revenue made [...] RMB
Q913	Q914	Q915	Q916	Q917	Q918	Q919	Q920	Q921	Q922	Q923
a. Butter/cheese (jin)										
b. Milk/cream/yogurt (liter/sheng)										
c. Beef/pork/sheep/goat meat (jin)										
d. Chicken/duck meat (jin)										
e. Eggs (jin)										
f. Wool (jin)										
g. Skin/hides (piece)										
h. Other, please specify										

Q918/Q921
1= On farm, 2=This village, 3= Neighboring village, 4= Township main market town, 5= County main market town, 6= Nanning, 7= Other, please specify

MODULE 10: OTHER SOURCES OF INCOME

<p>In the past 12 months, have members of your household received income from the following activities?</p> <p>0= No >> Next item 1= Yes</p>	<p>How many months during the past 12 months did your household receive income from this source?</p> <p>[...] Months</p>	<p>How much total income did you earn from [this activity] during the past 12 months?</p> <p>[...] RMB</p>
Q1001	Q1002	Q1003
a. Crop/agricultural income		
b. Livestock/livestock product income		
c. Firewood/charcoal sales		
d. Sales of other goods or assets		
e Grain milling		
f. Sale of other tree crops/their byproducts		
g. Food processing business		
h. Other businesses/enterprise s		
i. Agricultural wage labor (off-farm)		
j. Non-agricultural wage labor (off-farm)		
k. Pension income		
l. Interest or other investment income		
m. Remittances from family members		
n. Inheritance		
o. Lottery winnings		
p. Income from renting out land		
q. Income from renting out housing dwelling		
r. Other, please specify		

MODULE 11: SHOCKS AND VULNERABILITY

[illegible]

MODULE 12: ACCESS TO RURAL INFRASTRUCTURES AND SERVICES

Q1201	What is the distance from your household to the nearest paved road?	[...] Km.
Q1202	How long does it take to travel from your household to the nearest paved road?	[...] Return trip, mins.
Q1203	How would you rate the quality of the nearest paved road?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1204	What is the distance from your household to the nearest bus stop?	[...] Km.
Q1205	How long does it take to travel from your household to the nearest bus stop (round trip, waiting time included)?	[...]Return trip, mins.
Q1206	How would you rate the frequency of the buses at the nearest bus stop?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1207	What is the distance from your household to the nearest hospital or medical center?	[...] Km.
Q1208	How long does it take to travel from your household to the nearest hospital or medical center (round trip, waiting time included)?	[...]Return trip, mins.
Q1209	How would you rate the quality of the nearest hospital or medical center?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1210	What is the distance from your household to the nearest high school?	[...] Km.
Q1211	How long does it take to travel from your household to the nearest high school?	[...]Return trip, mins.
Q1212	How would you rate the quality of the nearest high school?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1213	What is the distance from your household to the nearest township agro-extension station?	[...] Km.
Q1214	How long does it take to travel from your household to the nearest township agro-extension station (round trip, waiting time included)?	[...]Return trip, mins.
Q1215	How would you rate the quality of the nearest township agro-extension station?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1216	What is the distance from your household to the nearest agricultural market?	[...] Km.
Q1217	How long does it take to travel from your household to the nearest agricultural market (round trip, waiting time included)?	[...]Return trip, mins.
Q1218	How would you rate the quality of the nearest agricultural market?	1= Very good, 2= Good, 3= Poor, 4= Very poor
Q1219	Do you have any access to any biogas digester facility in your household?	0= No >> Next module 1= Yes >> Q1220
Q1220	What is the approximate volume of the biogas digester facility in your household?	[...] Cubic m.
Q1221	How would you rate the quality of the biogas digester facility in your household?	1= Very good, 2= Good, 3= Poor, 4= Very poor

[illegible]

Q1303/Q1310a/Q1310b/Q1310a/Q1310b/Q1313a/Q1313b	Q1311
Source of loan	Reason for borrowing
1= Friends/relatives, 2= Neighbor, 3= Trader, 4= Money lender, 5= Employer, 6= Religious or cultural institution, 7= Rural Credit Cooperatives (RCC), 8= All-China Women's Federation (ACWF), 9= Poverty mutual funds, 10= Commercial banks, 11= Microcredit, 12= Loan company, 13 = Other, please specify	1= Purchase housing/lease land/business/farming 2= Purchase agricultural inputs 3= Business/enterprise start-up capital 4= Expanding business/enterprise 5= Purchase other farm inputs or productive assets 6= Cover food expenses of the household 7= Pay for medical expenses of household members 8= Pay for educational expenses of household members 9= Pay for wedding/funeral and other related expenses of household members 10= Pay for irrigation services 11= Other, please specify

Q1309	During the past 12 months, did anyone in the household try to borrow from someone outside the household or from an institution and were turned down?	0= No >> Q1311 1= Yes
Q1310a	If yes, who or which institution turned down this request? (List the most important one)	Enter codes from list
Q1310b	If yes, who or which institution turned down this request? (List the second most important one)	Enter codes from list
Q1311	What was the main reason for trying to obtain the loan?	Enter codes from list
Q1312	Is anyone in your household awaiting the decision on a loan application submitted during the past 12 months?	0= No >> Next module 1= Yes
Q1313a	Where did you submit a loan application to? (List the most important one)	Enter codes from list
Q1313b	Where did you submit a loan application to? (List the second most important one)	Enter codes from list

MODULE 14: ACCESS TO FINANCIAL SERVICES (SAVINGS)

Q1401	During the past 12 months, did you or anyone else in this household have cash savings (worth more than 500 RMB) in a financial institution or other informal institutions?	0= No >> Next Module 1= Yes
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	Q1402	Q1403	Q1404	Q1405
Saving number	Which household member was mainly responsible for the saving? List HH member ID from Module 2	Where is this saving held? Enter code from list	Amount [...] RMB	What is the main purpose of this saving? Enter code from list
1				
2				
3				
4				
5				

Q1403	Q1405
Location of savings	Purpose of savings
1= Friends/relatives, 2= Neighbor, 3= Trader, 4= Money lender, 5= Employer, 6= Village or cultural institution, 7= Rural Credit Cooperatives (RCC), 8= All-China Women's Federation (ACWF), 9= Poverty mutual funds, 10= Commercial banks, 11= Microcredit, 12= Loan company, 13 = Other, please specify	1= Precautionary savings for emergency use 2= Purchase housing/lease land/business/farming 3= Purchase agricultural inputs 4= Business/enterprise start-up capital, 5= Expanding business/enterprise 6= Purchase other farm inputs or productive assets 7= Pay for irrigation services 8= Other, please specify

MODULE 15: ACCESS TO INFORMATION

During the past 12 months, have you ever received information about ... from anyone outside or your household from any group or institution? 0= No >> Next item 1= Yes	During the past 12 months , which is the main source that you received information about ... from? (select the most important source) See code	During the past 12 months , which is the main source that you received information about ... from? (select the second most important source) See code
Q1501	Q1502	Q1503
a. Long-term weather patterns		
b. Rainfall prospects or weather prospects for coming season		
c. Water frequency/water timing/water supply from irrigation sources		
d. Use and maintenance of irrigation facilities		
e. Crop production (input use, planting time, harvest time, etc.)		
f. Crop production technology (improved seeds, fertilizer, etc.)		
g. Crop prices and crop marketing decisions		
h. Livestock production (livestock disease, grazing conditions, etc.)		
i. Livestock prices and crop marketing decisions (both live animals and animal products)		
j. Livestock production technology (improved breeds, feedstock, etc.)		
k. Business and enterprise opportunities		
l. Local market conditions for wage labor		
m. Child nutrition and health information		
n. Education and other skill-enhancing opportunities		
o. Seasonal migration for work		
p. Conflict resolution within the community		

Q1502/Q1503
Source of information
1= Friends/relatives, 2= Neighbor, 3= Trader, 4= Money lender, 5= Employer, 6= Village or cultural institution, 7= Development/extension agents, 8= Health clinic workers, 9= Farmers' cooperatives, 10= Growers' associations, 11= School teachers, 12= Rural Credit Cooperatives (RCC), 13= All-China Women's Federation (ACWF), 14= Poverty mutual funds, 15= Commercial banks, 17= Water user associations (WUA), 18= Internet/Smart phone, 19= Other, please specify

MODULE 16: ACCESS TO SOCIAL ASSISTANCE

<p>During the past 12 months, did you or anyone in your household received any assistance through ...?</p> <p>0= No >> Next item 1= Yes >> Q1602 2= Never received >> Next item</p>	<p>Is this payment for the entire household or to specific individuals in the household?</p> <p>1= Entire HH >> Q1604 2= Specific persons</p>	<p>Which individuals in the household were provided this program?</p> <p>List HH member ID from Module 2</p>			<p>How often does your household receive payment ?</p> <p>1= Monthly 2= Quarterly 3= Half yearly 4= Yearly 5= Once ever</p>	<p>How much was actually received last time from this payment ?</p> <p>[...] RMB (including value of goods)</p>	<p>How many months was this payment for?</p> <p>[...] Months</p>	<p>Is this source of payment currently owing you payment?</p> <p>[...] RMB (including value of goods)</p>
Q1601	Q1602	Q1603a	Q1603b	Q1603c	Q1604	Q1605	Q1606	Q1607
a. Minimal Living Security (MLS)								
b. Medical assistance								
c. Housing assistance								
d. "Five Guarantee (FG's)" allowances								
e. Disaster relief transfer								
f. Old age pension								
g. Communal pension fund								
h. Unemployment insurance								
i. Workers' compensation insurance								
j. Medical insurance								
k. Universal healthcare								
l. Housing benefits								
m. Ethnic minority benefits								
n. Cash-for-work program								
o. Food-for-work program								
p. Rural infrastructure construction program								

MODULE 17: MIGRATION PATTERNS (FOR ALL HOUSEHOLD MEMBERS OLDER THAN FIVE)

[illegible]

Q1701		Q1711	Q1712	Q1713	Q1714	Q1715	Q1716	Q1717	Q1718
Household member ID		Out-migration during the past five years							
List HH member ID from Module 2		Was the place where this person migrated to an urban or a rural area?	What was the main reason that this person went to that location?	What primary activity did this person do just before leaving this household last time?	Did this person do any job there?	Who helped this person find a job to start a business when he or she last moved?	What type of work did this person do when he or she arrived to that last place?	What primary activity did this person when arrived to that last place?	What was the main reason why this person came back to this household last time?
		1= Domestic urban 2= Domestic rural 3= Abroad	See code	See code	0= No 1= Yes	1= Relatives 2= Friends/neighbors 3= No one 4= Other, please specify	1= Wage job 2= Self-employment	See code	See code
01									
02									
03									
04									
05									

Q1705/Q1712	Q1718	Q1706/Q1713/Q1717
Reason for in-migration/out-migration	Reason for coming back	Primary activity of in-migrant/out-migrant
1= Marriage, 2= Follow family, 3= Other family reasons, 4= Education, 5= Training, 6= Look for work, 7= Start a new job, 8= Start a new business/enterprise, 9= Job transfer, 10= Conflict, 11= Natural disaster, 12= Easier lifestyle, 13= Accessibility to towns, 14= Military service, 15= Other, please specify	1= Family reasons, 2= Finished work, 3= Unsatisfied with work, 4= Start a new job, 5= Start a new business/enterprise, 6= Job transfer, 7= Conflict, 8= Natural disaster, 9= Easier lifestyle, 10= Other, please specify	1= Worker on own farm (unpaid), 2= Labor on other farms (paid), 3= Casual labor/non-farm activity (paid), 4= Household/domestic/housewife (unpaid), 5= Childcare/domestic work (paid), 6= Civil service/official, 7= School teacher, 8= Trading/business, 9= Village elder or leader, 10= Unable to work due to illness, 11= Retired/elderly, 12= Student, 13= Unemployed, 14= Other, please specify

MODULE 18: ABSENTEES INFORMATION

Q1801	Are there any people that are not current household members (not listed in Module 2) but were household members sometime in the past?	0= No >> Next module 1= Yes >> Q1802
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Q1802	Q1803	Q1804	Q1805	Q1806	Q1807	Q1808	Q1809	Q1810	Q1811	Q1812
List all the people who were HH members in the past	Age in completed years	Sex	Relationship to household head	Disability	For ages above 5	For ages above 10	How many years ago did this person leave this household?	Where does this person live now?	Does this person plan to come back to live in this household in the future?	What is the main reason why this person left this household?
List their names	[...] Years (record 0 if age is less than 1)	0= Female 1= Male	See code	See code	Highest education completed See code	Marital status See code	[...] Years (record 0 if left less than a year ago)	1= Domestic Guangxi 2= Domestic elsewhere in China 3= Abroad	0= No 1= Yes 2= Don't know	See code
01										
02										
03										
04										
05										

Q1812
Reason for in-migration/out-migration
1= Marriage, 2= Follow family, 3= Other family reasons, 4= Education, 5= Training, 6= Look for work, 7= Start a new job, 8= Start a new business/enterprise, 9= Job transfer, 10= Conflict, 11= Natural disaster, 12= Easier lifestyle, 13= Accessibility to towns 14= Military service, 15= Other, please specify

Q1805		Q1806		Q1807		Q1808	
Relationship with household head		Disability		Education level		Marital status	
1=	Head	0=	None	0=	Never attended school	1=	Never married
2=	Spouse/partner	1=	Partial visual impairment	1=	Primary school	2=	Married
3=	Father/mother	2=	Total visual impairment	2=	Lower middle school	3=	Divorced
4=	Son/daughter	3=	Partial hearing impairment	3=	Upper middle school	4=	Separated
5=	Brother/sister	4=	Total hearing impairment	4=	Technical or vocational degree	5=	Widowed
6=	Grandson/granddaughter	5=	Mobility and orthopedic impairment	5=	University or college degree	6=	Other, please specify
7=	Father-in-law/mother-in-law	6=	Other, please specify	6=	Master's or higher degree		
8=	Son-in-law/daughter-in-law						
9=	Other relative						
10=	Maid						
11=	Other non-relative						
Q1813		Q1819a/Q1819b					
Occupation		Use of remittances					
1=	Worker on own farm (<u>unpaid</u>)	1=	Daily consumption				
2=	Labor on other farms (<u>paid</u>)	2=	Education				
3=	Casual labor/non-farm activity (<u>paid</u>)	3=	Capital accumulation				
4=	Household/domestic/housewife (<u>unpaid</u>)	4=	Business or investment				
5=	Childcare/domestic work (<u>paid</u>)	5=	Household assets or durable goods				
6=	Civil service/official	6=	Savings				
7=	School teacher	7=	Repay loan or debt				
8=	Trading/business	8=	Other, please specify				
9=	Village elder or leader						
10=	Unable to work due to illness						
11=	Retired/elderly						
12=	Student						
13=	Unemployed						
14=	No secondary occupation						
15=	Other, please specify						

[illegible]

MODULE 19.2: OTHER REMITTANCES (RECEIVING)

Q1912	During the past 12 months, have your household received any money or other in-kind payments (e.g. food, clothing, or other gifts) from any person who is not a member of your household?	0= No >> Next module 1= Yes >> Q1913
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[illegible]

Q1907/Q1917		Q1909/Q1919		Q1923a/Q1923b	
Relationship with sender/recipient		Occupation		Use of remittances	
1=	Spouse/partner	1=	Worker on own farm (<u>unpaid</u>)	1=	Daily consumption
2=	Father/mother	2=	Labor on other farms (<u>paid</u>)	2=	Education
3=	Son/daughter	3=	Casual labor/non-farm activity (<u>paid</u>)	3=	Capital accumulation
4=	Brother/sister	4=	Household/domestic/housewife (<u>unpaid</u>)	4=	Business or investment
5=	Grandson/granddaughter	5=	Childcare/domestic work (<u>paid</u>)	5=	Household assets or durable
6=	Father-in-law/mother-in-law	6=	Civil service/official	6=	Savings
7=	Son-in-law/daughter-in-law	7=	School teacher	7=	Repay loan or debt
8=	Other relative	8=	Trading/business	8=	Other, please specify
9=	Maid	9=	Village elder or leader		
10=	Other non-relative	10=	Unable to work due to illness		
		11=	Retired/elderly		
		12=	Student		
		13=	Unemployed		
		14=	No secondary occupation		
		15=	Other, please specify		

MODULE 20: SOCIAL SUPPORT

Q2001	During the past 12 months, did you receive any kind of support from relatives, neighbors or friends?	0= No 1= Yes
Q2002	If your household had a problem and needed <i>money or food</i> urgently, would you be able to get it from <u>relatives living in this community</u> ?	0= No 1= Yes
Q2003	If your household had a problem and needed <i>money or food</i> urgently, would you be able to get it from <u>relatives living elsewhere</u> ?	0= No 1= Yes
Q2004	If your household had a problem and needed <i>money or food</i> urgently, would you be able to get it from people in your <u>community who are not your relatives</u> ?	0= No 1= Yes
Q2005	If your household had a problem and needed <i>money or food</i> urgently, would you be able to get it from <u>people living elsewhere who are not your relatives</u> ?	0= No 1= Yes
Q2006	If your household had a problem and needed <i>help with work</i> , would you be able to get it from <u>relatives living in this community</u> ?	0= No 1= Yes
Q2007	If your household had a problem and needed <i>help with work</i> , would you be able to get it from <u>relatives living elsewhere</u> ?	0= No 1= Yes
Q2008	If your household had a problem and needed <i>help with work</i> , would you be able to get it from people in your <u>community who are not your relatives</u> ?	0= No 1= Yes
Q2009	If your household had a problem and needed <i>help with work</i> , would you be able to get it from <u>people living elsewhere who are not your relatives</u> ?	0= No 1= Yes
Q2010	During the past 12 months, did you provide any kind of support to relatives, neighbors or friends?	0= No 1= Yes
Q2011	If a <u>relative in this community</u> had a problem and needed <i>money or food</i> urgently, would you be able to give money or food?	0= No 1= Yes
Q2012	If a <u>relative outside of this community</u> had a problem and needed <i>money or food</i> urgently, would you be able give money or food?	0= No 1= Yes
Q2013	If someone who is not your relative, but lives in <u>this community</u> had a problem and needed <i>money or food</i> urgently, would you be able to give money or food?	0= No 1= Yes
Q2014	If <u>someone who is not your relative and lives outside this community</u> needed <i>money or food</i> urgently, would you be able to give money or food?	0= No 1= Yes

Q2015	If a <u>relative in this community</u> had a problem and needed <i>help with work</i> urgently, would you be able to provide help with work?	0= No 1= Yes
Q2016	If a <u>relative outside of this community</u> had a problem and needed <i>help with work</i> urgently, would you be able to provide help with work?	0= No 1= Yes
Q2017	If <u>someone who is not your relative, but lives in this community</u> had a problem and needed <i>help with work</i> urgently, would you be able to provide help with work?	0= No 1= Yes
Q2018	If <u>someone who is not your relative and lives outside this community</u> needed <i>help with work</i> urgently, would you be able to provide help with work?	0= No 1= Yes

MODULE 21: SOCIAL CAPITAL

Does at least one member of the household belong of this organization? 0= No >> Next item 1= Yes	For how many years since at least one member of the household been involved in this organization? [...] Years	During the past 12 months, how many times did you participate in this organization? [...] Times	How often does this organization meet in a year? 1= Monthly 2= Quarterly 3= Half yearly 4= Yearly 5= Once ever	Does this organization support any income-generating activities? 0= No >> Next item 1= Yes >> Q2106	Did you receive support related to agricultural production? 0= No 1= Yes	Did you receive support related to agricultural marketing? 0= No 1= Yes	Did you receive support related to agricultural processing? 0= No 1= Yes
Q2101	Q2102	Q2103	Q2104	Q2105	Q2106	Q2107	Q2108
a. Farmers' association (production)							
b. Farmers' association (sales)							
c. Farmers' cooperative							
d. Water user association							
e. All-China Women's Federation (ACWF) or other women's group							
f. Rural Credit Cooperatives (RCC) or other credit association							
g. Religious group							
h. Men's group							
i. Youth group							
j. Sports club							
k. Community/village welfare group							
l. Cultural group							
m. Political party							
n. Other, please specify							

*****THANK YOU*****

After the interview thank the respondent for giving you his/her time and for the co-operation in providing the information. Inform them that you may possibly be returning to collect more information or seek any necessary clarification on the information provided at later date. At this point invite the respondent to ask you any questions that he/she might have. Answer where you can. If you do not know the answer(s), tell the respondent that his/her questions will be forwarded to a relevant person who can respond.

Interview Status		Check box
1	Completed	
2	HH present, no adult respondent available	
3	HH absent	
4	Postponed	
5	Refused	
6	Dwelling vacant	
7	Dwelling destroyed	
8	Dwelling not found	
9	Other, please specify	

Please have the survey supervisor provide a quality rating for the survey and certify that the data were collected in accordance with the survey design and guidance.

SQ1. The quality of this completed questionnaire is:		Date of verification	Name of supervisor	Signature
<input type="checkbox"/>	Poor			
<input type="checkbox"/>	Average			
<input type="checkbox"/>	Excellent			
SQ2.	Did you back check this survey?	0. No 1. Yes		

*****THE END*****