

HOUSEHOLD SURVEY QUESTIONNAIRE

Baseline Survey: Testing Innovative Models of Agricultural Extension in ASPIRE

A. Geographical Information (to be completed by interviewer before the interview)		
A1	Province/City:	Code (2-digit):
A2	District/Khan:	Code (2-digit):
A3	Commune/Sangkat:	Code (2-digit):
A4	Village/Krom:	Code (2-digit):
A5	Household ID:	Code (2-digit):
A6	ASPIRE member:	1. Yes 2. No

B. Household Information ((to be completed by the interviewer)				
B1	Household Head's name:	B1b. Name of husband/wife:		
B2	Sex of Household Head: 1= Male 2 = Female			
B3	Household phone (Farmer):	B3a. Member ID:		
B4	1. Non IDPoor: 2. IDPoor Household	B4a. 01 = IDPoor Card 02 = Other Social Equity card 03 = No card for assistance		
B5	GPS Coordinates	Latitude(N): _____ Longitude(E): _____ Altitude: _____		
B6	Household type Farmer? (Multiple answers)	1. Growing rice Have grown rice for the whole season last year	2. Home gardening Preparing land and/or watering the plants	3. Raising chickens Have at least 5 chickens (chickens must weigh 0.5kg or above, not fighting cock)

C. Interviewer/Interviewee Information (to be completed by the interviewer)		
C1	Interviewee's name:	
C2	Sex (Interviewee): 1= Male 2 = Female	
C3	Phone number (Interviewee):	
C4	Interviewer's name:	Code:
C5	Date (dd/mm/yyyy):	
C6	Time started:	Time Completed:

D. Quality Control Record		
D1	Team leader's name:	Code:
D2	Date checked (dd/mm/yyyy):	Signature:
D3	Data Entry Name:	Code:
D4	Date of Data Entry:	Signature:

1. HOUSEHOLD INFORMATION

Note

- 1) Use the name provided in the sample list to located the household where that person lives and determine who is the head of household. The head of household is the person who the members of the household consider as the main decision-making individual in the household.
- 2) To determine whether an individual is part of a household consider the following:
 - a. "Household" refers to those who are living in the same house and sharing the same food. If they live in the same house but cook and eat separately, they should be considered as different households.
 - b. To be counted as a household member the person must have been present in the household in the last six months (since Nov 2016). If the person has not been present in the house at all since Nov 2016, then he/she is not counted as a household member.

Please fill in the information on all household members below:

ID	Name	Sex 1=male 2=fe male	Age (year) Write '0' if less than one year	Relation ship to househo ld head (code)	Marital status Only for members aged 15 and above (code)	Aged from 10 years old		Off-farm salaried employment activities (activity during the past 12 months), aged from 10 years			
						Can read a simple message in any language? 1=Yes 2=No >>8	Have you received and read a text message in the last 30 days in ...?	Primary		Secondary	
								What was main occupation? (code)	Total income for last 12 month (0000 riels)	What was main occupation? (code)	Total income for last 12 month (0000 riels)
1	2	3	4	5	6	7A	7B	8	9	10	11
01											
02											
03											
04											
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
9999 Total											

Column 5: Relationship to the head: 1=Head, 2= Spouse, 3= Son/daughter, 4=Stepchild, 5=Adopted child, 6=Parent, 7=Sibling, 8=Grandchild, 9=Niece/nephew, 10=Son/daughter-in-law, 11=Brother/sister-in-law, 12=Parent-in-law, 13=Others

Column 6: Marital Status: 1=married/living together, 2=divorced/separated, 3=widowed, 4=single

Column 7: 1 = Khmer, 2 = Cham, 3 = Other local ethnic group, 4 = Chinese, 5 = Vietnamese, 6 = Thai, 7 = Lao, 8 = Other (Specify).....

Code 7B: 1. Khmer 2. Latin 3. Both 4. Received but cannot open or read 5. Received but didn't open 6. Has not received 7. Has not used phone
8. Does not know

Column 08 & 10: Use Code NIS

2.A. HOUSEHOLD CONSUMPTION [Food, Beverage, and Tobacco Consumption]Please provide the information on food, beverage and tobacco consumption during the past 7 Days.

No	Item	1. Purchase (in 0000 Riels)	2. Own produce (gift & free collection) (in 0000 Riels)
01	Rice (all kind of rice to be included)		
02	Cereal (bread, corn, wheat flour, rice flour, corn meal, rice cakes, noodles, etc.)		
03	Fish (fresh fish, salted and dried fish, canned fish, shrimp, prawn, crab, etc.)		
04	Meat & poultry (beef, buffalo, mutton, lamb, pork, chicken, duck, etc.)		
05	Eggs (chicken egg, duck egg, salted egg, etc.)		
06	Dairy product (fresh milk, condensed milk, ice cream, etc.)		
07	Oil and fats (rice bran oil, vegetable oil, pork fat, butter, coconut oil, etc.)		
08	Fresh vegetable (trakun, onion, shallot, cabbage, carrot, chili, tomato, moringa leave, amaranth, etc.)		
09	Tuber (cassava, sweet potato, potato, taro, bamboo shoots, etc.)		
10	Pulses and legumes (green gram, bean sprout, etc.)		
11	Prepared and preserved vegetable (cucumber pickles, other pickles, tomato paste, etc.)		
12	Fruit (banana, orange, mango, pineapple, lemon, durian, water melon, grape, apple, etc.)		
13	Dried nuts and edible seeds (coconut, cashew nut, peanut, etc.)		
14	Sugar, salt and spices (sugar, jiggery, salt, candy, red pepper, garlic, soy source, fish source, etc.)		
15	Tea, coffee and cocoa		
16	Non-alcoholic beverage (can or bottled soft drink, mineral water, fruit juice, etc.)		
17	Alcoholic beverage (beer, wine, whisky, etc.)		
18	Tobacco		
19	Other food products peanut preparation, flavored ice, ice, etc.)		
20	Prepared meals bought outside and eaten at home		
21	Prepared meals bought outside and eaten at home		
9999	Total		

2.B. HOUSEHOLD CONSUMPTION [Non-food Consumption]

Please provide the information on non-food consumption within the time period specified below:

No	Item	Time period	1. In-cash expenditure (in '0000 riels)	2. In-kind expenditure (in '0000 riels)
01	Medical care (doctors' fees, other medical services, drugs, hospital charges, other medical supplies, etc.)	Last 1 month		
02	Transportation (personal transport equipment, operation of transport equipment, maintenance and repair of equipment, gasoline and diesel for own	Last 1 month		
03	Communication (postage stamps, fax, telephone and internet phone charges, cell phones, phone cards, internet charges etc.)	Last 1 month		
04	Personal care (soap, toothpaste, razor, sanitary napkins, haircut, manicure, etc.)	Last 1 month		
05	Clothing and footwear (tailored clothes, ready-made clothes, rain clothes, underwear, baby clothes, diapers, hats, shoes, boots, etc.)	Last 6 months		
06	Furniture, furnishings and household equipment and operation (curtain, household appliances, cooking utensils, light bulbs, soap and detergents etc.)	Last 12 months		
07	Domestic salaries (servant's salary, hired labour for cleaning, laundry, cooking etc.)	Last 12 months		
08	Recreation within Cambodia (entertainment services, recreational goods and supplies, tourist travel, hotel accommodation)	Last 12 months		
09	Recreation abroad (entertainment services, recreational goods and supplies, tourist travel, hotel accommodation)	Last 12 months		
10	Education (school fees, textbooks, private tutoring charges, etc.)	Last 12 months		
11	Personal effects (costume/gold jewelry, handbags, wallets, wristwatch, clocks, umbrella)	Last 12 months		
12	Gambling (lottery, sports and animal betting: casino gambling, card games, football, boxing, cockfighting etc.)	Last 12 months		
13	Miscellaneous items (special occasions as funeral rituals, weddings, parties, cash gifts, charity, etc.)	Last 12 months		
9999	Total(1-13)			

3. INVENTORY OF LAND OWNERSHIP AND LAND USE

Enumerator: In reference to last season, identify the plots, both residential and agricultural, where the household does agricultural and vegetable production, and ask the questions in the table for each.

Plot #	Plot name/ Location	What type of plot is this? 1=Residential 2=Agricultural	What is the tenancy status of this plot? (codes)	If rented, how much did you pay for this plot last season? (0000 Riels)	Plot area		Does your soil have any mineral deficiencies? 1. No. It does not. 2. Yes, it does. 3. Do not know (>08)	Do you know the specific deficiencies that your soil in this plot has? 1. Yes, knows 2. No, does not know. (>08)	Does the soil in this plot have deficiencies related to... ?						Was this field cultivated in the last WET SEASON? 1=Yes 2=No (> 10)	Crops cultivated in the last WET SEASON. (See Codes)			Was this field cultivated in the last DRY SEASON? 1=yes 2=no (> next plot)	Crops cultivated in the last DRY SEASON. (See Codes)		
					Area (as reported)	Area (codes)			Urea?	Phosphorus / DAP?	Nitrogen?	Iron?	Compost?	Other? (specify)		08	09a	09b		09c	10	11a
01	02	03	04	05	06	07	n08	n09	n10a	n10b	n10c	n10d	n10e	n10f	08	09a	09b	09c	10	11a	11b	11c
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9999. Total																						

Code 04 tenancy status: 1= Owner operated 2= Rented in (cash) 3= Sharecropped in 4= Borrowed (no payment) 5= Rented out (cash) 6= Sharecropped out 7= Lending out (no payment) 8= Other (specify)

Code for crops 9a-c & 11a-c: 1= Wet Rice (harvested Oct. 2016-Jan.2017) 2= Dry Rice (harvested Dec 2016-March.2017) 3= Vegetables 4= Other crops 5= Early wet rice (harvested March- June 2016)

6= Early wet rice (harvested March- June 2017)

Code for area 07: 1. m² = 0.0001 ha 2. A = 0.01ha 3. Kong = 0.09 ha 4. Rai = 0.16 ha 5. ha

4. RICE PRODUCTION, SALES AND THE USE OF INTERMEDIATE INPUTS, FACTORS IN THE LAST COMPLETED SEASON

ENUMERATOR: Identify in section 3, the Plots with WET RICE planted, and list the PLOT #s in the Table below (first column). Then, for each Plot planted with WET RICE, ask the questions in Table 4A below.

4A. Land, Intermediate Inputs, Labor use in WET RICE Plots

Plot #	Area with Rice		Use of Seed				Use of Fertilizer									
			Did you use improved rice seed variety? 1=Yes 2=No	What quantity of seed did you plant? (Kg)	Quantity and Price		How much of NPK did you use? (kg)	Quantity and Price of NPK		How much Of Urea did you use? (kg)	Quantity and Price of Urea		How much Of Compost did you use? (kg)	Quantity and Price of Compost		How much of Animal Manure did you use? (kg)
	Cultivated area (ha)	Harvested area (ha)			Buying Quantity (Kg)	Buying Price 0000 Riels		Buying Quantity (Kg)	Buying Price 0000 Riels		Buying Quantity (Kg)	Buying Price 0000 Riels		Buying Quantity (Kg)	Buying Price 0000 Riels	
4A01	4A02	4A03	4A04	4A05	4A06		4A07	4A08		4A09	4A10		4A11	4A12		4A13
					a	b		a	b		a	b		a	b	
9999. Total																

4.C. SALES OF RICE IN THE LAST 12 MONTHS

ENUMERATOR: Ask the questions in the table below with respect to the total sales of wet season rice and dry season rice. Note that the sales should be from the production from all plots identified plots in 4.A and 4.B.

Rice Type and Code		Did you sell [RICE TYPE] in the past 12 months? 1=Yes 2=No (Skip to next rice type)	How much [RICE TYPE] did you sell?				How much did you get in total from sales of [RICE TYPE]? ('0000 Riels)	
	code		Amount (Kg)	Month of selling rice				Unit price (Riel/kg)
Rice Type	4C01	4C02	4C03a	4C03b1	4C03b2	4C03b3	4C03c	4C03d
WET SEASON RICE (at farm gate)	1							
WET SEASON RICE (at collection point)	2							
EARLY WET SEASON RICE (at farm gate)	3							
EARLY WET SEASON RICE (at collection point)	4							
DRY SEASON RICE (at farm gate)	5							
DRY SEASON RICE (at collection point)	6							
Total	9999							
		Code 03b1-3: 1= January, 2=February, 3=March, 4=April, 5=May, 6=June, 7=July, 8=August, 9=September, 10=October, 11=November, 12=December						

5.D. KNOWLEDGE AND AGRICULTURAL PRACTICES FOR RICE

- 1. How many times would you ideally like to apply fertilizer in your rice plots per wet season?
- 1a. How many days after **wet season rice seeds** are sown should you apply fertilizer for the first time?
- 2. How many times would you ideally like to apply fertilizer in your rice plots per dry season?
- 2a. How many days after **dry season rice seeds** are sown should you apply fertilizer for the first time?

Put "999" if does not grow wet season rice.

Put "999" if does not grow dry season rice.

ENUMERATOR: Use the supplementary booklet. Show the respondent each set of pictures with rice diseases and ask the following questions.

Card #	Can you identify this disease? 1. Yes (» Continue) 2. No (» Next disease)	Name of the disease?	Do you know how to prevent this disease? 1. Yes 2. No (»5)	Name one practice to prevent this disease	Do you know how to treat this disease? 1. Yes 2. No (»7)	Name one practice to treat this disease	Were you affected by [DISEASE] during the last year? 1. Yes 2. No (»Next disease)	What percentage of your rice was affected by this disease?	
								Wet season rice	Dry season rice
	01	02	03	04	05	06	07	08	09
3									
5									
6									
7									
9									

6. VEGETABLE PRODUCTION, SALES AND USE OF INPUTS IN THE LAST 12 MONTHS

ENUMERATOR: If the household planted any type of VEGETABLES in the plots enumerated in Section 3, the tables below (6.A and 6.B) should be filled out.

6.A. VEGETABLE PRODUCTION AND SALES

Vegetable Type and Code			Did you grow [VEGETABLE TYPE] in the last 12 months? 1=Yes 2=No(skip to next [VEGETABLE TYPE])	Was this [VEGETABLE TYPE] grown in a home garden? 1=Yes 2=No	What was the total area planted with [VEGETABLE TYPE]?		Quantity Produced of [VEGETABLE TYPE]?		Sales of [VEGETABLE TYPE]?	
Plot ID		Code			Area(as reported)	Area (See converter code below)	Quantity (Kg)	Type of unit (Riel/Kg)	Did you sell [VEGETABLE TYPE] in the last 12 months? 1=Yes 2=No(skip to Next Type)	How much did you get in total from sales of [VEGETABLE TYPE]? (0000 Riels)
6A01	Vegetable Type	6A02	6A03	6A04	6A05a	6A05b	6A06	6A07	6A08	6A09
	Cabbage	1								
	Water convolvulus	2								
	Lotus	3								
	Garlic	4								
	Aromatic edible herbs	5								
	Tomato	6								
	Eggplant	7								
	Wax gourd	8								
	Large smooth fibrous type of gourd	9								
	Bitter gourd	10								
	Cucumber	11								
	Pumpkin	12								
	Lettuce	13								
	Radish	14								
	Long green beans	15								
	French beans	16								
	Taro	17								
	Green/sweet pepper	18								
	Mushroom	19								
	Amaranth	20								
	Water hyacinth flowers	21								
	Water mimosa	22								
	Crataeva plant	23								
	Chinese Kale flower	24								
	Chinese Kale leaf	25								
	Total	9999								
Convertor to ha for column 6A05b:				1= m2 = 0.0001 ha, 2= Ar = 0.01 ha, 3= Kong=0.09ha 4= Rai = 0.16 ha, 5=ha						

6.B. USE OF INPUTS IN VEGETABLE PRODUCTION

ENUMERATOR: If the household produced any type of VEGETABLES (6A), the table below should be filled out. It refers to the use of inputs with respect to vegetable crops. The spending figures should be related to inputs used in the aggregate (for all crops).

Input Type and code		Did you use [INPUT TYPE] in vegetable production this past season? 1=Yes 2=No (skip to Next Type)	How much did you use for this [Input Type]? (Kg or Litre)	How much did you pay for the total quantity purchased?	
	Code			Purchased Quantity (kg)	Purchased price('0000 Riels)
Input Type	6B01	6B02	6B03	6B04a	6B04b
Seeds/Seedlings (Kg)	1				
Seedlings (kg)	2				
Chemical fertilizer – NPK (Kg)	3				
Chemical fertilizer – Urea (Kg)	4				
Compost (Kg)	5				
Pesticide (Litre)	6				
Total	9999				

7. PRODUCTION AND SALES OF OTHER CROPS

ENUMERATOR: List in the Table below ALL OTHER CROPS listed in the plot inventory in Section 3. Check with the respondent if the list is complete or there are any other crops not listed in Section 3 but that the household produced. Cross-check carefully and correct Section 3 as needed.

Other Crop Type and Code			How much did you produce of [CROP]?		Sales of Other Crops	
Plot ID	Other Crop Names	code	Quantity (Kg)	Unit (Riel/Kg)	Did you sell [CROP] this past season? 1=Yes 2=No (skip to Next Type)	How much did you get in total from sales of [CROP]? (0000 Riels)
01		02	03a	03b	04a	04b
	Total	9999				

02 – Other Crop Codes: Adopt codes from NIS on additional separate page.

8. POULTRY PRODUCTION, SALES, INPUT USE IN THE LAST COMPLETED PRODUCTION CYCLE

8.A1. Has your household or anyone in your household had any CHICKENS, in the past 12 months?

1=Yes (ask question below) 2=No (skip to next section 9A)

8.A2. How do you keep chickens?

1= Improved Chicken Coop (where chickens live and stay)

2 = in yard near house

3= Chickens roam free and come in at night

4 = other (specify) _____

8.B. POULTRY PRODUCTION AND SALES

ENUMERATOR: List in the Table below all the chickens the household report having raised during the last production cycle. Then, for each species, ask the questions regarding production and sales.

SERIAL NUMBER	Type of animal or bird	How many chickens do you currently own? (weight from 0.5 kg and above)	Of the chickens, currently owned how many are female birds?	What would be the total sales value of ..[LIVESTOCK].. currently owned?	Number of ...[LIVE STOCK].. owned 12 months ago, that is [in MONTH] last year?	Number of chickens consumed by household in the past year	Number of chickens lost or died from disease in the past year?	Number of chickens sold in the past year	Total sales value of chickens sold in the past year
		If none, write '0'	If none, write '0'	Write '0' if nothing	If none, write '0'	If none, write '0'	If none, write '0'	If none write '0'	Write '0' if nothing
		NUMBER	NUMBER	0000 RIELS	NUMBER	NUMBER	NUMBER	NUMBER	0000 RIELS
8B01	8B02	8B03	8B04	8B05	8B06	8B07	8B08	8B09	8B10
01	Chickens								
02	Chicks								
03	Eggs								

8.C. POULTRY INPUTS AND OUTPUTS

No.	ITEMS	How much did your household spend on the following items during the past 12 months? Write '0' if nothing
		AMOUNT IN 0000 RIELS
8C01	8C02	8C03
1	Feed and feed supplements (e.g. rice straw) for chickens - purchased	
2	Feed and feed supplements (e.g. rice straw) for chickens - supplied from home farm/public land	
3	Hired labour to care for chickens (cash plus kind)	
4	Veterinary services and medicine	
5	Service /technical support from government/other agencies	
6	Transporting chickens, chickens products, feed and feed supplements to/from market	
9999	TOTAL 1 - 6:	

9A. EXTENSION SERVICES

During the last 12 months, have you received agricultural advice (extension) about the following topics about RICE production?

Type of advice	Code	Have you received any advice in the last 12 months? 1. Yes 2. No (skip to Next Type)	Who provided this advice? (Check all that apply). Determine the 3 most common/frequent: a. provider from which respondent has received advice from [Provider code] b. how was this advice provided [1. In person, 2. Phone/Mobile 3. Radio/TV 4. Other form (Specify)]						Did you have to pay to receive this advice? a. 1. Yes 2. No (>>9A07) b. How much? (0000 Riels)	
			Providers							
			Provider 1	Provider 2	Provider 3					
			9A03		9A04		9A05		9A06	
9A01	9A 02	a	b	a	b	a	b	a	b	
Improved rice varieties	1									
Seed recommendations	2									
Nutrient deficiencies (type of soil) in plots	3									
Composting / organic residue management	4									
Compost fertilizer application	5									
Chemical fertilizer application	6									
Water / irrigation management for rice	7									
Disease prevention / treatment for rice	8									
Pest prevention / treatment for rice	10									
Info of where to sell rice	12									
Advice on output prices	13									
Advice on input prices	14									
Access to credit (bank, microfinance / savings group)	15									

Provider code: 1.Government extension agent, 2. NGO / private sector, 3. Agricultural input store, 4.Trader, 5. Micro finance institution, 6. Neighbours / family / friends in village Neighbours / family / friends outside village,7. Other (specify)

9A. EXTENSION SERVICES [CONTINUED]

Type of advice	Code	<i>[If respondent received advice from government extension agent in person]</i>								
		Do you know which program provided the advice? (codes)	How many visits did you receive in the last 12 months?	[Open-ended] Name the most important piece of advice you received	Rate the quality of the advice you received (Codes)	Did you follow the advice that you received? [1.Yes (next type of advice); 2. No]	[IF NO...] Why not? (Codes). Can choose more than one option			
		9A01	9A07	9A08	9A09	9A10	9A11	9A12		
							a	b	c	
Improved rice varieties	1									
Seed recommendations	2									
Nutrient deficiencies (type of soil) in plots	3									
Composting / organic residue management	4									
Compost fertilizer application	5									
Chemical fertilizer application	6									
Water / irrigation management for rice	7									
Disease prevention / treatment for rice	8									
Pest prevention / treatment for rice	10									
Information of where to sell rice	12									
Advice on output prices	13									
Advice on input prices	14									
Access to credit (bank, microfinance / savings group)	15									

Col 9A07. Program codes: 1. ASPIRE (Agriculture Services Programme for Innovation, Resilience and Extension); 2. HARVEST (Feed the Future); 3. District Agricultural Officer; 4. Provincial Department of Agriculture; 5. Farm Business Advisor; 9. Other (specify); 99. Does not know.

Col 9A10. Quality codes: 1. Not useful at all; 2. Mostly useless; 3. Somewhat useful; 4. Quite useful; 5. Very useful.

Col 9A12. Reason codes: 1. Did not understand well recommendation; 2. Recommendation was too complicated; 3. Recommendation was not useful; 4. Requires inputs that were not available locally; 5. Requires inputs I cannot afford; 6. Too time-consuming; 7. Had tried it before and did not work; 8. Other (specify)

9.B. VEGETABLE EXTENSION

VEGETABLES		Did you receive any extension assistance or advisory service related to [TYPE] production and marketing in the last 12 months?		Who provided the extension service/advice? (Codes)	Did you pay for the service? 1=Yes 2=No (>> 07)	If so, how much did you pay? (0000 Riels)	After receiving the advice, did you follow it or adopted the practices? 1=Yes 2=No
Practice, Information, Access provided by Extension/Advisory services on Production, Processing and Marketing	Code	1=Yes 2=No (skip to Next Type)	What was the media? 1=In person 2=Phone 3=TV (>> 07) 4=Radio (>> 07)				
Type of Practice, Information, Access	01	02	03	04	05	06	07
Disease and pest control for vegs	1						
Seed selection / production	2						
Chemical fertilizer application	3						
Composting/organic residue management	4						
Water management for vegetables	5						
Classification of products	6						
Package / transportation	7						
Advice on output prices	8						
Advise on input prices	9						
Collective marketing /group sale	10						
Information where to sell	11						
Credit from local Bank, Micro-Finance, or Savings Groups	12						
Total	9999						

Code 04 – Extension/Service Provider:

- | | | |
|--|--|------------------------------|
| 1. Commune Extension Worker (CEW)/ District Agricultural Officer (DAO)/ Provincial Department of Agriculture/ ASPIRE/ Government | 4. Local Authority | 8. Trader |
| 2. Mobile Service Provider (MSP) | 5. HARVEST program | 9. Micro finance institution |
| 3. Farm Business Advisor | 6. Neighbors / Family /Friends (in the village) | 10. Agricultural input store |
| | 7. Neighbors / Family /Friends (outside the village) | 11. Other (specify) _____ |
| | | 12. NGOs |

9.C. ASPIRE Knowledge (All household)

1. Do you know about a program called ASPIRE (Agriculture Services Programme for Innovation, Resilience and Extension)? 1. Yes
2. No
2. Have you been visited by the Commune Extension Worker (CEW) in the last 12 months? 1. Yes
2. No (» 05)
3. What is the name of the CEW that visited your village? Code "99" if respondent cannot remember name
5. Do you know your CEW's phone number? 1. Yes
2. No
6. Do you ever call a government agricultural extension worker to ask for agricultural advice? 1. Yes
2. No

9D. Social Networks and Agricultural Advice

1. In the past 12 months, have you or anyone else in your household given or received advice about **rice production and marketing** from relative or friends? 1=Yes 2=No [If no, » section 10]
2. From how many people FROM YOUR VILLAGE did you give or receive advice about **rice production and marketing**?
3. From how many people FROM OUTSIDE YOUR VILLAGE did you give or receive advice about **rice production and marketing**?

4. Enumerator: Inquire about the list of people from the respondent's village or outside the respondent's village with whom he/she speaks about agriculture production

Name of the person	In which village does this person live?				How often did you talk to this person about agricultural advice?	Did you <u>receive</u> advice from this person? 1. Yes 2. No (>> 10)	How valuable do you think the advice you received was? [Codes]	Did the advice you <u>received</u> help you increase your rice production? 1. Yes 2. No	Did you <u>provide</u> advice to this person? 1. Yes 2. No (skip to next person)	How valuable do you think the advice you provided was? [Codes]	Did the advice you <u>provide</u> help increase your relative's / friend's rice production? 1. Yes 2. No 3. Do not know
	Province	District	Commune	Village							
01	02	03	04	05	06	07	08	09	10	11	12

A. From the respondent's village

B. From outside the respondent's village

Value of advice Column 08 & 11: 1. Not useful at all; 2. Mostly useless; 3 Somewhat useful; 4. Quite useful; 5. Very useful.

10. DEMAND FOR AGRICULTURAL EXTENSION

What kind of information would you like to receive from an agricultural extension service?

[ENUMERATOR: There is a list of potential topics to be covered by agricultural extension services. Identify the three most important areas of interest of the respondent in each category. Assign numbers 1-3 to these areas (where 1 is the most important area, 2 is the second most important area, 3 is the third most important area). in the chart below]

Area	Ranking (1-3)
10a. Rice (if does not apply enter NA and go to next theme)	
1. Seed recommendations for rice	
2. Fertilizer recommendations for rice	
3. Other agricultural inputs for rice	
4. Composting and residue management for rice	
5. Irrigation / water management for rice	
6. Prevention and treatment of rice diseases	
7. Market price information on where to sell rice	
8. Rice storage and post-harvest handling	
10b. Vegetable (if does not apply enter NA and go to next theme)	
9. Alternative crops to grow	
10. Fertilizer recommendations for vegetables	
11. Other agricultural inputs for vegetables	
12. Composting and residue management for vegetables	
13. Irrigation / water management for vegetables	
14. Prevention and treatment of vegetable diseases	
15. Market price information on where to sell vegetables	
16. Vegetable post-harvest handling	
10c. Animal rearing and other extension services (if does not apply enter NA and go to next theme)	
17. Livestock diseases	
18. Livestock marketing	
19. Animal breeding / selection	
20. Animal feeding / care	
21. Animal shelter practices	
22. Community resource management	
23. Access to credit	

12. NON-AGRICULTURAL ECONOMIC ACTIVITIES / SELF-EMPLOYMENT

12.1. Did your household run or partly own an **enterprise/business** during the past 12 months (before Khmer New Year 2017)?

1= Yes (go to 12.2) 2= No (>> section 13)

12.2. Describe those economic activities:

No	Activities (e.g. Retail sale in agriculture inputs fertilizer, seeds, feeds; agri. Trade; handicraft; food processing; Sale, maintenance, repair machine etc.)	Industry code (see code attached)	Does the household own the whole business? 1. Yes (>> 06) 2. No	What percentage of the business is owned by the household?	Which family member manages the business? (code ID of household member)	Do any other household members work on the business? (code ID of household member)			What were the total profits for this business in the past twelve months, after deducting all costs? (0000 Riels)
01	02	03	04	05	06	07a	07b	07c	08
01									
02									
03									
04									
05									
06									
07									
08									

13. FINANCIAL ACCESS AND LITERACY

1. In the last 12 months, did you or any other household member request a loan? 1. Yes 2. No (»5)		
2. What did you or any other household member request the loan for? Choose all that apply		
1. Purchase Food	2. Purchase other goods	
3. Doctor / Medicine	4. Special occasion (wedding / funeral / birth / etc.)	
5. Purchase inputs for agriculture	6. Purchase inputs for business	
7. Purchase land	8. Education	
9. Build / reconstruct house	10. Solve family quarrel	
11. Other (specify).....	12. Buy motorbike	
13. Migrate	14. Pay debts	
3. And during the last 12 months, did you or any other household member receive a loan? 1. Yes 2. No (»7)		

4. List the loans that you received in the last 12 months

	Credit source: 1. Commercial Bank 2. Microfinance Institution 3. NGO 4. Producer Association / Cooperative 5. PADEE (revolving credit scheme) 6. Family / friends 7. Trader (input) 8. Trader (output) 9. Other (specify)		Amount received (In 0000 Riels)	Date borrowed		Amount currently due (In 0000 Riels)	Interest rate (%) per month	Loan period (number of days)	Did you wish for a ...?	
	Code	Name of Institution (options 1-4)		Bigger loan Yes.....1 No.....2	Longer repayment period Yes.....1 No.....2					
	01	02	03	04a MM	04b YYYY	05	06	07	08	09
4.1										
4.2										
4.3										
4.4										
4.5										

After completed above table, skip to 8

Question	Answer		
<p>5. Why did you not request credit? (Only one answer)</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>1. Do not need</p> <p>2. Too expensive</p> <p>3. Cannot pay back</p> <p>4. Do not have collateral</p> </td> <td style="vertical-align: top;"> <p>5. Do not want to risk collateral</p> <p>6. Too complicated</p> <p>7. Do not know where to request</p> <p>8. Think that they will not get it (still in debts)</p> <p>9. Other (specify)</p> </td> </tr> </table>	<p>1. Do not need</p> <p>2. Too expensive</p> <p>3. Cannot pay back</p> <p>4. Do not have collateral</p>	<p>5. Do not want to risk collateral</p> <p>6. Too complicated</p> <p>7. Do not know where to request</p> <p>8. Think that they will not get it (still in debts)</p> <p>9. Other (specify)</p>	
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<p>6. Do you think you would have received the loan had you requested it?</p> <p>1. Yes (»8)</p> <p>2. No</p>			
<p>7. Why do you think you were denied (or would have been denied) the loan? (only one answer, the principal reason)</p> <p>1. No collateral</p> <p>2. Not enough income</p> <p>3. Withstanding debt</p> <p>4. Other (specify)</p>			
<p>8. Do you have an account with a bank that you use for savings?</p> <p>1. Yes</p> <p>2. No</p>			

<p>9. Are you a member of a savings group?</p> <p>1. Yes 2. No</p>		
<p>10. Do you have a savings box in your house?</p> <p>1. Yes 2. No</p>		
<p>10a. Do you have other means to save money? (if 8,9, and 10 = 2 >> 13)</p> <p>1. Yes 2. No</p>		
<p>11. In a good month, how much are you able to save? (in 0000s Riels)</p>		
<p>12. Which of the following statements best describes your current cash savings? (only one answer)</p> <p>1. More than enough for a month 2. Enough for regular consumption needs and small unexpected expenditures for a month 3. Just enough for regular consumption needs for a month 4. Not enough for consumption needs for a month 5. Other (specify)</p>		
<p>13. How much do you hope to save over the next 12 months? (in 0000s Riels)</p>		
<p>14. How much do you think you will <i>actually</i> save? (in 0000s Riels)</p>		
<p><u>Ask if the amount in Q13 is greater than the amount in Q14 (if not, »16)</u></p>		15a
<p>15. Why do you think you will save less than you would like? (Multiple answers)</p>		15b
<p>1. Lower income than hoped / Poor harvest 2. Increased prices 3. Unexpected expenses 4. Spouse uses savings</p>	<p>5. Other family member uses savings 6. Difficult to keep track of money 7. Theft 8. Other (specify)</p>	15c
		15d
<p>16. How important is having savings to you? (only one answer)</p> <p>1. Very important 2. Somewhat important 3. A little important 4. Not important</p>		
<p>17. From the following savings options, which are the three most popular in your village? [Use 1 for the most popular one, 2 for the second most popular one, and 3 for the third most popular one]</p>		
<p>1. Local savings group / merry-go-round</p>		
<p>2. WING account and card</p>		
<p>3. Microfinance organization</p>		
<p>4. Bank account (Checking)</p>		
<p>5. Bank account (Savings)</p>		

<p>READ THIS STATEMENT TO THE RESPONDENT:</p> <p>Imagine you are going to be given a gift from a trusted source. You will receive it either in 30 days (1 month) or in 60 days (2 months). If you wait one month you will receive more. Would you prefer to be given:</p>	
<p>18. 1. 100,000 Riels in 1 month or 2. 110,000 Riels in 2 months? (» Section 14)</p>	
<p>19. 1. 100,000 Riels in 1 month or 2. 120,000 Riels in 2 months? (» Section 14)</p>	
<p>20. 1. 100,000 Riels in one month or 2. 130,000 Riels in two months? (» Section 14)</p>	
<p>9. How much would you have to be paid to wait for two months? (in 0000s Riels)</p>	

14. HOUSING, WATER, ELECTRICITY AND FUEL ACCESS

1	<p>What is the primary material of the floor of the housing occupied by your household?</p> <p>1= Earth, clay 2= Wooden planks 3= Bamboo strips 4= Concrete 5= Ceramic tiles 6= Other (specify_____)</p>	
2	<p>What toilet facility does your household have inside the premises?</p> <p>1= Pour flush 2= Pit latrine 3= Latrine 4= None 5= Other (specify_____)</p>	
3	<p>What is your household's main source of lighting?</p> <p>1= Public/municipality/private company-provided electricity 2= Generator 3= Battery 4= Kerosene lamp 5= Other (specify_____)</p>	
4	<p>What is your household's main source of drinking water?</p> <p>1= Piped in dwelling 2= Tubed/piped well 3= Protected dug well 4= Unprotected dug well 5= Pond, river or stream 6= Other (specify_____)</p>	
5	<p>What kind of fuel does your household mainly use for cooking?</p> <p>1= Firewood 2= Charcoal 3= Liquefied petroleum gas 4= Kerosene 5= Public-provided electricity 6= Private-provided electricity 7= Biogas 8= Other (specify_____)</p>	