



Gender in designing and implementing pig business hubs in Uganda Report on enumerator training courses

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More pork by and for the poor project: Catalysing emerging smallholder pig value chains in Uganda for Food Security and Poverty Reduction

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Contents

Acronyms.....	2
Acknowledgements.....	3
Introduction.....	4
Methodology.....	4
Meeting with the DVO Masaka.....	4
Tool pre-test and revisions.....	5
Tool pre-test.....	5
Methodology to implement the interviews.....	6
Summary of the pre-test findings/highlights.....	7
General information about Buwunga pig cooperative.....	7
Household level information.....	7
Enumerator experiences in administering the tool.....	8
Challenges.....	8
Proposed options to overcome challenges.....	8
Appendix 1: Pig cooperative monitoring checklist.....	10
Appendix 2: Household monitoring questionnaire.....	16

Acronyms

DVO	District Veterinary Office
GTA	Gender Transformative Approaches
ID	Identification
ILRI	International Livestock Research Institute
PVC	Pig Value Chain
SPVCD	Smallholder Pig Value Chain Development in Uganda

Acknowledgements

The development of this training report is the outcome of training for six (6) enumerators (3 women and 3men) at Garden courts hotel in Masaka district and thereafter to a pre-test in Buwunga Sub County. The training and pre-test were carried out between 7th -9th August 2015. This activity is a sub component of the SPVCD feeding into outputs 2.1 and 2.2 of the Irish Aid project logical framework. The financial support was obtained from additional funds provided by L&F with a view of sharpening the gender lenses of ILRI researchers. Gender in designing and implementing pig business hubs research project was led Emily Ouma and Robert Ochago for the PVC in Uganda. The main purpose of the project was to gather data for monitoring the pig business hub intervention.

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Introduction

The data collection tools were developed by Robert, Emily and James with support from the KIT team. The household and pig business hub profiling tools had a range of aspects picked from the SPVCD benchmarking survey tools and diary hub tools for Tanzania while the GTA tool was drawn, adapted and modified from WorldFish. The draft tools produced were edited by Rhiannon Pyburn and Alessandra Galie. 6 facilitators (3 male and 3 female) were trained by Robert Ochago on the tools, data collection processes and capture for one day at Garden courts hotel main hall thereafter to a one pre-test at Buwanga pig cooperative society in Masaka district where 6 farmers and five cooperative level executive were interviewed at the respective households. The participant selection criterion was purposive. This report therefore provides information about how tool was developed; pre-tested and how training materials and questions were refined.

Methodology

Meeting with the DVO Masaka

This meeting took place on the 6th August, 2015 at the DVO's office. This meeting was aimed at addressing if not all, some of the below listed issues

1. Give the DVO an overview of the research so that he can draft letters to respondents
2. Agree on the mobilization procedure and the focal persons to be involved
3. Validate the respondent lists per pig cooperative society

Action points from the meeting

1. Since the study was to cover three pig cooperative societies in five sub counties, four Animal husbandry officers were appointed by the DVO to take charge of the mobilizations. The four would in turn pick on at least two village veterinary staff/para-vets as grass root guides.
2. Each Animal husbandry officer would carry out a two day mobilization prior to tool pre-test and the actual data collections. This would involve personally issuing an invitation letter to the respondent. The Animal husbandry officer would also be available during the entire data collection exercise. The same person would be trained as to how to administer the pig hub business level just in case time becomes a constraint for the 6 enumerators.
3. One Animal husbandry officer would mobilize 61 Individuals (30 couples) for the household tool administration and 5 top pig cooperative society executive for the profiling tool.
4. List of all cooperative members were availed by the DVO awaiting validation with the cooperative society leadership with the help of the Animal husbandry officer in charge on the cooperative society location
5. An additional vehicle and a driver would be offered by the DVO to help in the fieldwork

Tool pre-test and revisions

6 Enumerators (3 male and 3 female) based in Masaka were recruited with the help of the district local government and trained by Robert Ochago on the tools, pre-test processes and data capture for one day at Garden courts hotel main hall in Masaka prior to the actual focus group discussion sessions. The training was interactive and power point presentations plus practical sessions were used. The training was conducted as follows:

1. Introductions with a hint on the past research experience
2. Robert gave an overview of ILRI and the research to be done
3. Enumerators went through the tool after which Robert guided them on the questions to be asked.
4. Reactions on the questionnaire and agreeing on the content in Luganda.
5. Administration and planning for the field

Tool pre-test

The training materials earlier developed were pre-tested for one day at farmers home in Buwunga Sub County. Six households and four cooperative executive members were interviewed. Each enumerator with exception of the pig cooperative profiling tool took three hours on average to complete the interviews. The tool was administered to a pig cooperative union member. Two other enumerators administered the pig hub level tool to four key cooperative leaders. The exercise lasted one day. A debrief was held the following day where the following issues arouse.

Pig cooperative profiling checklist

1. The spaces to write answers were too small
2. How should the ages of the respondents be captured? The years of birth or actual age? Can one respondent highlight the years of the rest of the executive members?
3. How should the activities the cooperative union is involved in be captured? Should one include activities such as coffee growing in a group, savings, joint marketing of other agricultural commodities?
4. On **section F** (Financial services), the question should read “what type of financial services is the cooperative operating?” not “what type of financial services is the cooperative operating?”
5. What should one do in case the respondents highlights that no pig business hub services in the cooperative?

Household monitoring questionnaire

6. The tool is too long
7. What is the difference between the household ID and Respondent ID?
8. **Section B. Household details.** There needed to be a code 0 for none under other pig related businesses a household member is involved in
9. **Section C/2.** Farmer/trader group affiliated to the pig business hub. Enumerators felt that another code contrary to code 1 should be added

10. **Section I/ii:** The table was confusing and required re-orientation
11. **Section I/iii:** All the information in table iii can be added to table ii
12. **Some sections required a code non-family member** in cases of role allocation in a household
13. Codes such as wheel barrows, lorry/truck, basins, sacks could be included in **section 3/ii**
14. Plus other editorials

Methodology to implement the interviews

A purposive selection criterion was employed to pick participants from Kyanamukaaka-Kabonera, Mukungwe and Kimanya-kyabakuza pig cooperatives of three pig value chains domains in Masaka District. The participant selection criterion was purposive to include pig farmers belonging to the above pig cooperatives. This was contrary to the earlier arrangements of having a pig cooperative member and their spouse in order to tease out intra-household dynamics. The study at first took on the approach of interviewing both husband and wife but failed due to the following:

1. The tool was too long and not possible to occupy a spouse at the same time. Even appointments for the next day failed as respondents complained of not having time and besides their spouses will have already provided the information about the household in the previous day. Others demanded for a form of payments or benefits after wasting all the three hours of their time. The other option was to capture aspects such as household income alone from the other partner which also didn't work out at the end of the day.
2. Other reasons included lack of proper list of cooperative members to sample from, long distances between members especially those of Kyanamukaaka and Kyesiga Sub Counties. August being a month full of functions such as funerals rites and other celebrations and questionnaire exhaustions from farmers. Farmers claimed we(ILRI) have interviewed them several times without any tangible benefit and so the ones interviewed already alerted others who instead boycotted the interviews

A total of 224 households and 11 executive members were interviewed.

Summary of the pre-test findings/highlights

General information about Buwunga pig cooperative

Buwunga pig cooperative is located in Buwunga sub county and Buwunga village of Masaka district. The average age of executive members regardless of sex was 48. There were three men and two women in the top cooperative executive with no sub committees. The coop members are involved in rearing/ growing pigs, coffee, sweet potatoes and other cereals. The cooperative held annual meeting while the board meeting were held on a monthly basis. The cooperative has a growth strategy, kept records such as a member register, minutes, certificates and a constitution. It had a bank account but had no assets such as land and collection areas

General information about the HUB management

The cooperative did not have such arrangements

Constraints faced by the cooperative in provision of collective marketing services

1. Have no pig collecting centre
2. Farmer unwillingness to sale collectively due to unpredicted money demands at household level
3. Limited capital to set such services as required by farmers
4. Transportation means and /or gadgets for pig to the markets is still a challenge
5. Lack of information on pig prices

Constraints faced by the cooperative in obtaining inputs and services to supply to livestock farmers

6. Limited capital to purchase inputs required by farmers
7. Limited entrepreneurial knowledge and skills

Household level information

No analysis was done until data entry is completed

Enumerator experiences in administering the tool

Challenges

- The tool was too long and this would make respondents to lose focus and interest when giving responses and this often put the enumerators on tension because they had to interview all the questions. Sometimes respondents would ask the enumerators whether they were still interviewing because the questions were too many. Two respondents in Kitenga mentioned this to Jumba, Mike and Irene and I quote *“am tired of your questions and I have lost interest I want to go and prepare for our children, let me just answer your but they are too many”*. The two enumerators had to bargain and use all tricks to the Respondents’ attention. Some of the respondents would give time lag to the interviewer and when the elapses they would hardly respond complaining that the interviewers were wasting their yet they have other responsibilities to attend too. Since it was a season of parties, often time’s respondents were in a hurry.
- Long distance between respondents especially in Kyesiiga sub county i.e. some respondents were almost 10 kilometres far apart from each other. This consumed a lot of enumerators’ time before they would get to the next respondent thus leaving the field very late. These distances also posed a big to respondent mobilization.
- Some question had more than 5 optional answers but all the given options would not answer the questions for instance.
 - I. Section B; Other pig related activities. Enumerators had a feeling that this question was wrongly phrased i.e. if the primary source of respondents is crop farming, how then do we ask for other pig related business.
 - II. Section D: Type of service accessed and service provider type. There were 14 optional responses but these could not correspond to the questions because most answers had to follow under the *other specify* options and the enumerators felt that the tool was poorly designed. For example, section C, the producers buy feeds locally and once in a while the cooperative bring feeds and sell the feeds to producers but the options were: provide access to feeds, market etc.
 - III. Section I: Household Income and Expenditure. The question stated annual crop which were harvested in the second season yet some farmers had perennial crop which had harvested. Thus some enumerators would capture the details and some would not.
 - IV. Section K/2: Agribusiness skill and Employment. This was the most challenging section. The questions were hard to understand and to be translated to luganda for instance question K/3 was a leading question and was not easy to understand by both the interviewer and interviewee.
 - V. Still under section K/2, most responses were general that sought explanation e.g. Technical support, technical training etc.
 - VI. Section 2: Farm and Domestic Assets. Most farmers didn’t feel comfortable to disclose their assets. Fear to be taxed and they were wondering how the assets were related to pig keeping and some respondents used to laugh loudly about the section.
- Enumerators reported that the some respondents were tired of being interviewed by ILRI yet there is nothing tangible that the organisation has done for them i.e. they are tired of ILRI questionnaires.

Proposed options to overcome challenges

- Device means develop short tools and a careful think through
- Opt to have more than one field van to solve the challenge of long distances and time.
- More time should be allocated to training and pretesting exercise because through this, identification of potential challenges with the tool and how to go about them would be achieved.
- According to what the enumerators reported for instance under questions were we had 14 optional answers and still would call for option other specify.....to capture other emerging responses.
- Have at least two days of training, feedback and re-test before actual data collection
- While in training, we need have experts in the particular field for instance section K/2 we needed someone from enterprise Uganda to take the enumerators through and understand the concepts used in the tool and to advise on how questions should be asked.
- We should plan for trainings, seminars and have feedback sessions to our farmers, inform the farmers about the way forwards instead of inviting leaders for the feedbacks. May be by doing this, the prejudice about ILRI will change.

Appendix 1: Pig cooperative monitoring checklist

A. General information about the cooperative union

Date of interview / /

Name of the respondent _____	Phone contact: _____		
What is the name of pig Cooperative?	_____		
Where is the Cooperative located?(physical location of the office)	District of survey:		
	Name of sub-county		
	Village:		
List four main activities of this Cooperative?	1. _____		
	2. _____		
	3. _____		
	4. _____		
What is the total number of farmers registered in the Cooperative	Men [_____]women[_____]		
How many active members ¹ do you have in the Cooperative?	Men [_____]women[_____]		
<i>Executive members profile</i>			
Executive member	Age	Sex (code A)	Educational level(code B)
Chair person			
Vice chairperson			
Secretary			
Treasurer			
Other(specify) _____			
		Sex (code A)	Educational level (code B)
		1=Male 2=Female	1.Primary 2.Secondary 3.Tertiary

Do you have sub committees in the cooperative?	[_____] 1=Yes, 0=No		
If yes, fill the details in the table below			
Sub-committee name	Number of sub-committee members		
	Men	Women	
1			
2			
3			
4			
5			
How often does the Cooperative conduct meetings?	Monthly [____]Quarterly[____]Annually [____] others(specify) [_____]		
How often does the board/committee meetings?	Monthly [____]Quarterly[____]Annually [____] others(specify) [_____]		
Does the Coop operate a bank account?	[_____] 1=Yes 0=No		
Does the Coop own land in the area?	[_____] 1=Yes 0=No		
Does the Coop prepare standard financial reports (income statement, balance sheet, cash flow statement	[_____] 1=Yes 0=No		

¹ Active members have registered with the cooperative, they or their primary groups paid subscription fee, attends at least three quarters of the mandatory meetings, purchases inputs from and sells output to/through the cooperative.

Does the Coop comply with the relevant laws (Tax registration, External annual audits, Operating licenses etc.?)	[_____] 1=Yes 0=No
A part from financial statement, what are records/documents does the cooperative union possess	1. _____ 2. _____ 3. _____ 4. _____
Is the Coop a price leader (offers competitive pig prices?)	[_____] 1=Yes 0=No
Does the Coop honor its financial obligations (payment of debts up to date,)	[_____] 1=Yes 0=No
Does the Coop have a clear growth strategy (expansion?)	[_____] 1=Yes 0=No
Does the Coop own a pig collection area?	[_____] 1=Yes 0=No

B. General information about the HUB Management

Indicate the details of the actors supplying services to the cooperative

Actor type	Tick all that apply	Type of service delivered	Mode of payment		Does the cooperative have contracts with these actors Codes: 1=Yes, 0=No	Type of contracts Codes 1=No contract 2=Verbal 3=Written	What terms are stipulated in the contracts mentioned? 1=Quantities supplied, 2=price, 3=period/duration 4=other(specify)	Number of actor linked to the cooperative	
			Members	Non-members				Men	Women
Extension workers									
Pig/pork traders									
Agro-vet input suppliers/traders									
Boar breeding service providers									
Feed traders/company									
Pig/pork transporters									
Financial services providers									
Others(specify) _____									

C. Information about Cooperative owned/out sourced Services.

a) Agro-inputs services

- i. Do the Agro-vet stockists have basic vet drugs in stock? [_____] 1=Yes 0=No
- ii. Do Agro-vet stockists prepare regular financial reports? [_____] 1=Yes 0=No
- iii. What are sales trend in Uganda shillings over past 12 months for the Veterinary drugs?
[_____] 2=High 1= Average 0=Low
- iv. What is the profit trend over past 12 months for the Veterinary service?

Low month _____	Typical month _____	High month _____

- v. Do the veterinary service providers have a check off arrangements with customers?
[_____] 1=Yes 0=No
- vi. Do the veterinary service providers have a good working relationship with several partners (Bulk suppliers, NGOs, Government etc.)? [_____] 1=Yes 0=No
- vii. What is the Rating of the pricing of various services in terms of affordability by the farmers? [_____]
2=High 1= Average 0=Low
- viii. Are the service providers able to meet the demand for vet drug provision to coop. registered members? [_____] 1=Yes 0=No
- ix. What is the number of farmers accessing hub service? Men [____] women [____]

b) Veterinary Services

- i. Has the Coop signed an agreement/ contract with vets/para-vets? [_____] 1=Yes 0=No
- ii. Do veterinary service providers prepare regular financial reports? [_____] 1=Yes 0=No
- iii. What are sales trend in Uganda shillings over past 12 months for the Veterinary services?
[_____] 2=High 1= Average 0=Low
- iv. What is the profit trend over past 12 months for the Veterinary service? Give the profits during the low, typical and high/peak months

Low month _____	Typical month _____	High month _____

- v. Do the veterinary service providers have a check off arrangements with customers? [_____] 1=Yes 0=No
- vi. Do the veterinary service providers have a good working relationship with several partners (Bulk suppliers, NGOs, Government etc.? [_____] 1=Yes 0=No
- vii. What is the rating of the pricing of various services in terms of affordability by the farmers?
[_____] 2=High 1= Average 0=Low
- viii. Are the service providers able to meet the demand for vet service provision to coop. registered members? [_____] 1=Yes 0=No
- ix. What is the number of farmers accessing vet services? Men [____] women [____]

c) Boar/AI breeding services

- i. Do boar/AI service providers prepare regular financial reports? [_____] 1=Yes 0=No
- ii. What are sales trend in Uganda shillings over past 12 months for boar breeding/AI services?
[_____] 2=High 1= Average 0=Low
- iii. Do the boar breeding/AI service providers have a check off arrangements with customers?
[_____] 1=Yes 0=No
- iv. Do the boar breeding service providers have a good working relationship with several partners (Bulk suppliers, NGOs, Government etc.? [_____] 1=Yes 0=No
- v. What is the rating of the pricing of various boar breeding service in terms of affordability by the farmers? [_____] 2=High 1= Average 0=Low
- vi. Are the service providers able to meet the demand for boar breeding/AI service provision to coop. registered members? [_____] 1=Yes 0=No
- vii. What is the number of farmers accessing boar breeding service? Men [____] women [____]
- viii. What is the perception about the adequate village boar services are? [____] 2=Good
1= Fair 0=poor

d) Animal feeds services

- i. Do feed service providers prepare regular financial reports? [_____] 1=Yes 0=No
- ii. What are sales trend in Uganda shillings over past 12 months for the feed services?
[_____] 2=High 1= Average 0=Low
- iii. What is the profit trend over past 12 months for the feeds service? Give the profits during the low, typical and high/peak months

Low month _____	Typical month _____	High month _____

Do the feeds service providers have a check off arrangements with customers?

[_____] 1=Yes 0=No

- iv. Do the feeds service providers have a good working relationship with several partners (Bulk suppliers, NGOs, Government etc.? [_____] 1=Yes 0=No
- v. What is the rating of the pricing of various services in terms of affordability by the farmers?

[____] 2=High 1= Average 0=Low

- vi. Are the service providers able to meet the demand for feed service provision to coop. registered members? [____] 1=Yes 0=No
- vii. What is the number of farmers accessing pig feeds? Men [____] women [____]

e) Pig transportation services

- 1. What is the average cost of transporting a pig from the production site to the cooperative union premises?
- 2. What was the transport service trend of number of customers for the past 12 months?

Low month _____	Typical month _____	High month _____

- 3. What is the rating of the pricing of transport services in terms of affordability by the farmers? [____] 2=Very expensive 1= Average 0=Low
- 4. Does the Coop offers pig transport service to traders apart from providing transport services to farmers/members?
- 5. How adequate is transport services **(Are the service providers able to meet client demand)?** [____] 2=Adequate 1= moderate 0=inadequate
- 6. What is the percentage of registered women and youth farmers accessing pig transport services through the hub?

f) Financial services

- 1. What type of financial institution is the Cooperative operating?
 - 1. _____
 - 2. _____
 - 3. _____
- 2. Is there adequate demand for financial services in the area? [____] 1=Yes 0=No
- 3. What is rate of average interest rate on loans? [____]
- 4. What was the financial services revenue trend for the past 12 months?

Low month _____	Typical month _____	High month _____

- 5. What was the financial service trend of number of customers for the past 12 months?
- | Low month _____ | Typical month _____ | High month _____ |
|-----------------|---------------------|------------------|
| | | |
- 6. What is the adequacy of financial services? [____] 2=Adequate 1= moderate 0=inadequate
 - 7. Are there other financial institutions? [____] 1=Yes 0=No; If yes, how many are there in the area? [____]

g) Extension services

- 1. Does the cooperative provide/offer trainings to its members? [____] 1=Yes 0=No
- 2. In what areas/topics?
 - 1. _____
 - 2. _____
 - 3. _____
- 3. What are the terms for one to be trained?
 - 1. _____
 - 2. _____
 - 3. _____
- 4. Are farmers paying /willing to pay for extension services? [____] 1=Yes 0=No
- 5. Does the Extension service unit keep proper records? [____] 1=Yes 0=No
- 6. What records are kept?
 - 1. _____
 - 2. _____

3. _____

7. What is the future outlook of extension services in the area? [___] 1=promising 0=Not promising

h) Pig marketing

Collective marketing of pigs

- i. Does the hub possess a collection center/facility for the pigs? [_____] 1=Yes 0=No
- ii. Who mainly supplies pigs/markets through this channel? [_____] 1=Men 2=Women
- iii. Were there any pigs sold to or through the cooperative in the last three months (in the last 3 months)? [_____] 1=Yes 0=No
- iv. If yes, please indicate the numbers sold from each category.

Category	May				June				July			
	No. sold	Total value (Sh)	Mode of sale	Mode pf payment	No. sold	Total value (Sh)	Mode of sale	Mode pf payment	No. sold	Total value (Sh)	Mode of sale	Mode pf payment
Boars												
Sows												
Gilts												
Piglets/Weaners												
Finishers												
Mode of sale/engagement								Mode pf payment				
1. Individually								1. Cash				
2. Through group not registered with the cooperative								2. Credit				
3. Through group registered with the cooperative								3. Check-off				
4. Other (specify) _____								4. Other (specify) _____				

2. Does the hub make any profits in its transactions? [_____] 1=Yes 0=No

3. If yes, how much in the last three months? Please indicate the month

<i>Low month</i> _____	<i>Typical month</i> _____	<i>High month</i> _____

5. Are traders willing to pay a premium price for pigs? [___] 1=Yes 0=No

6. What incentives do traders/coop provide to farmers who supply pigs?

- 1. _____
- 2. _____
- 3. _____

i) Value of transactions at the cooperative

For each **service and provider** selected above, please provide the frequency and value of transaction for the last three (3) months.

Type of service	May		June		July	
	Freq	UGX	Freq	UGX	Freq	UGX
Feed						
Animal healthcare						
Breeding services						
Extension advice						
Pig sale						
Pig transport						
Credit provision						
Savings						
Others (specify) _____						

D. Constraints

1. What constraints do the cooperative face in provision of collective pig marketing services?

- 1.....
- 2.....
- 3.....
- 4.....

2. What constraints does the cooperative face when obtaining inputs and services to supply to livestock farmers?

- 1.....
- 2.....
- 3.....
- 4.....

Appendix 2: Household monitoring questionnaire

Introduction

I am [____] and we are conducting research on pig business hubs/cooperatives in Masaka. ILRI proposed to pilot test these pig business hubs after value chain assessments conducted 2013, that revealed that lack of appropriate organizational models for enhancing access to quality inputs, services and pig markets was a major challenge with a high proportion of pig farmers selling their pigs individually to neighborhood butchers who often offer lower prices compared to other outlets. Enhancing producer bargaining power through organizational strengthening approaches, collective marketing and profitable market linkages should contribute to minimizing associated transaction costs and improving returns to the pig producers. We are therefore requesting you to give us your attention to go through the questionnaire.

E. General Identification

A/1. Household ID	[_____]		
A/2. Respondent ID	[_____]		
A/3. Date of Survey (DD/MM/YYYY) :	/ /		
A/4. Enumerator Name:			
A/5. Name of the head of the household :			
A/6. Type of the HH:	[___] 1.Male headed 2.Female headed 3.Child headed		
A/7. Respondent's name:			
A/8. Sex of respondent (1=Male; 2=Female)			
A/9.Respondent relationship to the HH	[___] 1 =HH head 2=Wife 3 = Son; 4 = Daughter; 5 = Other (specify)		
A/10. Religious affiliation of household head	[___]	Religious affiliation 1=Christian 2=Muslim	3=No religious affiliation 4=Other _____
A/11. Marital status of household head	[_____]	Marital status 1=Married 2=Widow/Widower	3=Single parent 4=Divorced/separated 5=Unmarried(Not a parent) 6=Other(Specify) _____
A/12. Time interview started :	HH:		MM: _____
A/13. Time interview ended :	HH:		MM: _____
A/14. District of survey (use code) :	[_____]	District Code: 1=Masaka 2=Mukono 3=Kamuli 4=Kampala 5=Lira 6=Hoima 7=Other	
A/14. Name of sub-county	[_____]	A/14. Name of village[_____]	
A/15. GPS Coordinates of the home	Latitude (N/S):		Longitude (E/W): _____

F. Household details

- B/1. Please provide details of your household members (including the household head). [WE DEFINE A “HOUSEHOLD” TO INCLUDE ALL MEMBERS OF A COMMON DECISION MAKING UNIT (USUALLY WITHIN ONE RESIDENCE) THAT ARE SHARING INCOME AND OTHER RESOURCES

S/n	Members of your household, [FIRST NAMES]	Year of birth	Sex 1=Male 2=Female	Relationship to household head	Highest education level attained	Primary source of income [MOST IMPORTANT]	Other pig related businesses a household member is involved in
					Highest level		
1	Household head						
2							
3							
4							
5							
6							
7							
8							
9							
10							
Relationship to household head		Highest education level attained			Primary source of income		Pig related businesses
1 = Head		0 = No formal education		10 = Tertiary training specify yrs _____	0 = None		0 = None

<p>2 = Spouse</p> <p>3 = Child</p> <p>4 = Sibling</p> <p>5 = Parent</p> <p>6 = Grandchild</p> <p>7 = Other relative</p> <p>8 = Non-relative (including employees who live in house)</p> <p>9 = Other (specify) _____</p>	<p>1 = Nursery</p> <p>2 = Pre-school age</p> <p>3 = Not yet enrolled</p> <p>4 = Primary education (P1-P4)</p> <p>5 = Primary education (P5-P7)</p> <p>6 = Secondary school (S1-S2)</p> <p>7 = Secondary school (S3-S4)</p> <p>8 = High school (S5-S6)</p> <p>9 = Vocational training (specify no of years) _____</p>	<p>11 = University degree (undergraduate)</p> <p>12 = University degree (postgraduate)</p> <p>13=Adult literacy</p> <p>14=Others (specify) _____</p> <p>_____</p>	<p>1 = Crop farming</p> <p>2 = pig keeping (incl. sales)</p> <p>3 = cattle keeping</p> <p>4 = poultry/keeping (inc. sales)</p> <p>5 = Salaried employment</p> <p>6 = Self-employed-off farm</p> <p>7 = Casual laborer</p> <p>8 = Boda boda</p> <p>9 = Student/pupil</p> <p>10 = Charcoal burning</p> <p>11 = Pre-school age</p> <p>12 = Other (specify) _____</p>	<p>1= Operating a butchery</p> <p>2=Operating a pork joint</p> <p>3=Pig/piglet trading</p> <p>4=Processing of pork/pork products– (e.g. slaughter)</p> <p>5=Supply of inputs/services to producers (feeds, chemicals, medicine, credit, transport, etc).</p> <p>6=Other(specify) _____</p>
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G. Participation in Farmer collectives

C/1. Participation in farmer collectives: (Enter details of all household members who belong to a group. Membership in more than one group is possible)

Type of group	Does any household member belong to a group? Codes:1=Yes,0=No)	Please include the Number of household membership by sex		Two (2) main functions that this group performs
		Male	Female	
Social/ welfare & community development groups				
Savings and credit groups/Sacco				
Agricultural producer groups				
Livestock producer groups				
Pig producer group/cooperative				
Agricultural marketing groups				
Livestock marketing groups				
Other (specify) _____				
Main functions of group to HH member				
1. Provides access to pig market 2. Provides access to inputs and services for pigs 3. Provides training/ advisory for pigs 4. Provides access to market for crops 5. Provides access to inputs and services for crops 6. Provides training on pig rearing		7. Provides ways to save money and get credit 8. Social functions and networking 9. Other (specify) _____		

C/2. For farmer/trader group affiliated to the pig business hub

H. Pig Business Hub components (BDS Service use; Input Use and Costs)

D/1. What are the sources of inputs and services for the household in the last 12 months? For each of the following services received, indicate the service provider, mode of engagement and the payment mode used. *(More than one service provider allowed for every service type; hence more than one type of engagement and payment mode also allowed).*

Type of service accessed	Service provider type(code)	How do you engage with the service provider(code)	Payment mode (code)
Pig feed	[] [] []	[] [] []	[] [] []
Animal healthcare	[] [] []	[] [] []	[] [] []
Breeding service	[] [] []	[] [] []	[] [] []
Extension advice	[] [] []	[] [] []	[] [] []
Pig purchase	[] [] []	[] [] []	[] [] []
Pig transport	[] [] []	[] [] []	[] [] []
Market services	[] [] []	[] [] []	[] [] []
Financial access	[] [] []	[] [] []	[] [] []
Savings services	[] [] []	[] [] []	[] [] []
Other (specify)	[] [] []	[] [] []	[] [] []
Service provider		Mode of engagement	Payment mode
1. Agro-vet/input supplier 2. Boar owner 3. Artificial Insemination service provider 4. Pig trader 5. Pig transporter	9. Extension officer 10. SACCO 11. Microfinance 12. Bank 13. Community/NGO staff	1. Individually 2. Through group not registered with Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative	1. Cash 2. Credit 3. Check-off 4. Piglets 5. Other (specify) _____

<p>6. Pig feed supplier/milling machine</p> <p>7. Pig collection center-hub/Coop</p> <p>8. Private Company</p>	<p>14. Other (specify)</p> <p>_____</p>	<p>3. Through group registered with the Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative</p> <p>4. Other (specify) _____</p> <p>•</p>	<p>Note: If payment is inform piglets please specify the value of the pig</p>
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<ol style="list-style-type: none"> 1. Kgs 2. Truck(specify weight)___ 3. Other (specify) 	<ol style="list-style-type: none"> 1= Middlemen 2= Producers (locally) 3= Imports 4= Own produce 5= Milling factory 6= Other (specify) 	<ol style="list-style-type: none"> 1. Individually 2. Through group not registered with Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 3. Through group registered with the Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 4. Other (specify) _____ 	<ol style="list-style-type: none"> 1. Cash 2. Credit 3. Check-off • Other (specify) _____
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J. Breeding services and expenses

F/1. What is your main source of breeding services for the sows? (<i>code</i>)	[_____]
F/2. Have you used this service in the last four months? [1=Yes 2=No]	[_____]
F/3. If yes, who in the household performs the task?(<i>code</i>)	[_____] [_____] [_____]
F/4. What was your total expenditure in UGX for the breeding service last 12 months?	[_____]
F/5. What is the cost per service (UGX)?	[_____]
F/6. Who are your (<i>refer to the household</i>) main suppliers/service providers?(Codes)	[_____] [_____] [_____]
F/7. What is your (<i>refer to the household</i>) mode of engagement with the suppliers?(<i>code</i>)	[_____] [_____] [_____]
F/9. What is the mode of payment for the service?(Codes)	[_____]

Source of breeding service		Service provider	Mode of engagement	Mode of payment	Who performs the task
0=have not done any breeding before 1= own boar 2= village boar 3= boar from another village	4= project/NGO boar 5= farmer group boar 6=other (specify)____	1. Other farmers 2. Community boar service 3. Private boar provider 4. Project/NGO boar provider 5. Coop/boar provider Other (specify) _____	1. Individually 2. Through group not registered with Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 3. Through group registered with the Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 4. Other (specify) _____	1. Cash 2. Credit 3. Check-off Other (specify) _____	1 = Husband 2 = Wife 3 = Joint(Husband and wife) 4 = Son 5 = Daughter 6 = other (specify)_____

K. Pig health services and expenses

	Deworming	Parasites spraying	Antibiotic treatment	Vitamin administration	Iron injection	Other,(specify)
G/1. Have you used these animal health services for your pig enterprise in the last four months? (1=Yes 2=No)						
G/2.If yes, who in the household performs the task?(code)						
G/3.What was your total expenditure during the last four months in UGX (put 0 if none)						
G/4.How many times have used this service in last four (4) months						
G/5.What is your (refer to the household) source/service providers of this service? (code)						
G/6.What is your (refer to the household) mode of engagement with the suppliers?(code)						
G/7.What is the mode of payment for the service?(Codes)						
<p>Source of service</p> <p>1 = self-administration</p> <p>2 = government vet</p> <p>3 = private vet</p> <p>4 = agrovet</p> <p>5 = NGO _____</p>	<p>Mode of engagement</p> <p>1. Individually</p> <p>2. Through group not registered with Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative</p> <p>3. Through group registered with the Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative</p> <p>4. Other (specify) _____</p>			<p>Mode of payment</p> <p>1. Cash</p> <p>2. Credit</p> <p>3. Check-off</p> <p>Other (specify) _____</p>		<p>Who performs the task</p> <p>1 = Husband</p> <p>2 = Wife</p> <p>3 = Joint(Husband and wife)</p> <p>4 = Son</p>

	Deworming	Parasites spraying	Antibiotic treatment	Vitamin administration	Iron injection	Other,(specify)
G/1. Have you used these animal health services for your pig enterprise in the last four months? (1=Yes 2=No)						
G/2.If yes, who in the household performs the task?(code)						
G/3.What was your total expenditure during the last four months in UGX (put 0 if none)						
G/4.How many times have used this service in last four (4) months						
G/5.What is your (refer to the household) source/service providers of this service? (code)						
G/6.What is your (refer to the household) mode of engagement with the suppliers?(code)						
G/7.What is the mode of payment for the service?(Codes)						
6 = other (specify)_____						5 = Daughter 6 = other (specify)_____

L. Other BDS services

Type of service	Number of times the service was accessed in the last four months	Average cost of service in the last four months	Supplier (code)	Mode of engagement with supplier(Code)	Mode of payment(codes)
1. Market information services					
2. Pig marketing services					
3. Extension/advisory services					
4. Pig transport services					
5. Other(specify)_____					
6.					
Source/supplier of the service 1=Fellow farmers 2= Local government 3=NGOs 4=Private sector e.g. Cooperative union 5=Other(specify)_____		Mode of engagement 1. Individually 2. Through group not registered with Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 3. Through group registered with the Kyanamukaaka-Kabonera/Mukungwe/Kimanya-Kyabakuza cooperative 4. Other (specify) _____		Mode of payment 1. Cash 2. Credit 3. Check-off 4. Other (specify)	

ii. **Cost of producing crops:** For all crops planted in the second season of 2014, please enter the details of inputs used and the associated cost.

Crops grown(Codes A)															
	Plot Size (acres)	Qty	Cost	Plot Size (acres)	Qty	Cost	Plot Size (acres)	Qty	Cost	Plot Size (acres)	Qty	Cost	Plot Size (acres)	Qty	Cost
Fertiliser application															
NPK (Quantity in Kgs)															
DAP (Quantity in Kgs)															
CAN (Quantity in Kgs)															
Manure (Quantity in Kgs)															
Labour resource															
Ploughing (Number of people)															
Number of people per weeding															
Number of weeding															
Number of people harvesting															
Number of people Threshing/shelling															
Technologies applied															
1															
2															
3															
Others															
Crops grown(Code A)															

1=Maize/corn	7=Irish Potatoes	12=Sesame seeds	18=Tea	23=Other Vegetables - Amaranthus (dodo), Nakati, & Borr	26=Mangoes	31=trees
2=Sorghum	8=Millet	13=Yams	19=Sugar Cane		27=Papaya	32=others(Spe cify)____
3=Plantains	9=Beans	14=Coffee	20=Fresh chilli	24=Vanilla	28=Guavas	
4=Cassava	10=Groundnuts	15=Cotton	21=Passion fruit	25=Pineapples	29=fodder	
5=Sweet potatoes	11=Soybeans	16=Tobbacco	22=Okra		30=pasture	

2. Pig ownership

i. Number of pigs kept at the household

D/6. Indicate the different categories of pigs kept currently

Type	No. kept	Breed type Codes; 1 = Local 2 = Cross/exotic	Ownership
1. Boars			
2. Sows			
3. Gilts			
4. Weaners/piglets			
5. Finishers			
Ownership codes			
1.Husband	2.Wife	3.Joint HH (husband and wife)	4.Son 5.Daughter

ii. Pig ownership contextualization

Ownership defining questions	Response
1. Whose idea was it to purchase the pigs?	•
2. Who brought in the first pig into the household?	•
3. Whose money was used to purchase the pigs?	•
4. Who has the final say on who will carry out pig production related activities?	•

5. Who had the final say on where to sell the pigs	•
6. Who had the final say on when to sell the pigs	•
7. Who had the final say on the number of pigs to be sold	•
8. Who had the final say on use of the income from pig sales	•
Ownership codes	
1.Husband 2.Wife 3.Joint HH (husband and wife) 4.Son 5.Daughter	

•

iii. Pig purchase/inflows

- Has there been any inflow of pigs through purchases, births or any other form in the last 12 months? [_____] 1=Yes 0=No
- If yes, please provide the details in the table:

Type (codes)	Breed	No. of pigs	Type of entry and how many?							If purchased,			
			Bought from smallholder farm	Bought from individual trader/broker	bought from a large scale farm	Loan from project	Gift from others	Birth/ born on farm	Other (specify	Reason for purchase	Who had the final say in the HH to purchase?	Cost per animal (UGX)	Purchase point
Type 1 = Boars 2 = Sows	BREED 1= Local 2= Cross/Exotic	Reason for purchase 1 = replace old stock 2 = means of saving money	Decision-maker 1 = Husband 2 = wife							Purchase point 1 = within village 2 = neighboring village			

<p>3 = Gilts</p> <p>4 = Weaners/Piglets</p> <p>5 = Finishers</p>		<p>3 = prestige</p> <p>4 = expand herd</p> <p>5=other (Specify)</p>	<p>3 = Joint (husband & wife) 4 = Son</p> <p>5 = Daughter 6 = other (specify)_____</p>	<p>3 = other (specify)_____</p>
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3. Income from pigs, products and services-check the numbering

i. Pig sales and marketing

1. Did you sell any pigs last four months (in the last 4 months)? [_____] 1=Yes 0=No

2. If yes, please indicate the numbers sold from each category.

Category	April				May				June				July			
	No. sold	Total value (Sh)	Mode of sale	Mode pf payment	No. sold	Total value (Sh)	Mode of sale	Mode pf payment	No. sold	Total value (Sh)	Mode of sale	Mode pf payment	No. sold	Total value (Sh)	Mode of sale	Mode pf payment
Boars																
Sows																
Gilts																
Piglets/ Weaners																
Finishers																
Mode of sale/engagement 5. Individually 6. Through group not registered with cooperative 7. Through group registered with the cooperative 8. Other (specify) _____									Mode pf payment 7. Cash 8. Credit 9. Check-off Other (specify) _____							

ii. Sale of pig products and services

	Quantity <u>sold</u> in last six (6) months	Unit (code)	Average price per unit*	Who received and had the final say on how money was used? (code)
Manure				
Others (specify) _____				
Units		Who receives and had a final say on how money is used		
1. Lorry/truck	2.Wheel barrow	1.Husband	2.Wife	3.Joint HH (husband and wife)
2. Basins	4.Sacks/bags	5.Daughter		4.Son
3. Other (specify) _____		5.Non-household member	6.Other (specify)_____	

iii. Sale of pig services

Services	No of services in last six (6) months	Revenue received(UGX)	Who received and had the final say on how money was used? (code)
Boar services			
Other (specify) _____			
Who receives and had a final say on how money is used			
1.Husband	2.Wife	3.Joint HH (husband and wife)	4.Son
			5.Daughter
			5.Non-household member
			6.Other

iii. Proportions of pig income access and controlled by gender

Category	April				May				June				July			
	Whose idea was it to sell pigs in the household?	Who in the household has the final say on how much to sell a pig?	Who receives the money after sell of a pig?	Who determines the allocation of pig income to various activities?	Whose idea was it to sell pigs in the household ?	Who in the household has the final say on how much to sell a pig?	Who receives the money after sell of a pig?	Who determines the allocation of pig income to various activities?	Whose idea was it to sell pigs in the household?	Who in the household has the final say on how much to sell a pig?	Who receives the money after sell of a pig?	Who determines the allocation of pig income to various activities?	Whose idea was it to sell pigs in the household?	Who in the household has the final say on how much to sell a pig?	Who receives the money after sell of a pig?	Who determines the allocation of pig income to various activities?
Boars																
Sows																
Gilts																
Piglets/ Weaners																
Finishers																
Codes 1.Husband 2.Wife 3.Joint HH (husband and wife) 4.Son 5.Daughter 6.Other (specify)_____																

iv. Other income sources

Income Source	Did anyone in the household earn income from source in last six (6) months? (0 = no, 1 = yes)	Who mainly earns income from this source? (code)	Total HH income in last six (6) months
Trading in livestock and livestock products (not own produce)			
Trading in pork, feeds and other pig products (not own produce)			
Trading in agricultural products (excluding livestock!) (not own produce)			
Formal salaried employment (non-farming, e.g. civil servant, private sector employee, domestic work in other home)			
Business – Trade or services (non-agricultural)			
Working on other farms (including herding)			
Sale of products of natural resources (forest and sea/rivers products)			
Pensions			
Rent out land / sharecropping (cash value of share crop or rent)			
Remittances			
Other (specify) _____			
Who earns/controls money from this source			

Income Source	Did anyone in the household earn income from source in last six (6) months? (0 = no, 1 = yes)	Who mainly earns income from this source? (code)	Total HH income in last six (6) months
Codes 1.Husband (specify) _____	2.Wife	3.Joint HH (husband and wife)	4.Son
		5.Daughter	6.Other

N. Household income allocation arrangements

J/1 Household income allocation arrangements:

J/1.1. How is income from the sources mentioned in the table below managed at household level? (Please relate to the statements below and indicate the applicable code)

Income source (s)	Statement applicable	Statement
1 = Pig enterprise		1 = All money is shared; we do not distinguish between 'my' or 'your' money. 2 = Some money is regarded as one's own and some as joint money. 3 = What we earn individually belongs to each of us. 4 = The husband manages the money, and the wife receives money from him when she is in need of cash. 5 = The wife manages the money and the husband receives money from her, when he is in need of cash. 6 = The husband manages some of the housekeeping money, the wife manages the rest of the money. 7 = The wife manages some of the housekeeping money, the husband manages the rest of the money. 8 = Single person – all income managed by him/her(specify) _____ 9 = Some other arrangement (specify) _____
2 = Crop farming		
3 = Cattle enterprise		
4 = Poultry enterprise		
5 = Salaried employment		
6 = Self-employment-off farm		
7 = Casual labor		
8 = Bodaboda		
9 = Charcoal burning		
10 = Remittances		
11 = Property rent		
12 = Aquaculture		
13 = Apiculture		
14 = Fish capture/Fishing i.e. from a lake		
• 15=Other(specify)		

J/2/1. Decision making on purchases or expenditure

J/2.1. Who in the household mainly makes decisions on the following purchases or expenditures (use codes):

J-2.1 Purchase of staple food	[_____]	Decision-maker: 1 = Husband 2 = Wife 3 = Joint (Husband and wife) 4 = Son 5 = Daughter 6 = Other (specify) _____
J-2.2 Purchase of farm equipment	[_____]	
J-2.3 School fees	[_____]	
J-2.4 Purchase of goats or cows for production purposes	[_____]	
J-2.5 Purchase of birds for production purposes	[_____]	
J-2.6 Purchase of pigs for production purposes	[_____]	
J-2.7 Purchase of meat for household consumption	[_____]	
J-2.8 Sale of food crops to generate income	[_____]	
J-2.9 Sale of cash crops to generate income	[_____]	

O. Access to training

K/1. Individual access to training and information

1. Did you take any training in the last 12 months? [_____] 1=Yes, 0=No
2. If yes, which topics were covered?

Topic		Who provided the training?		
1=Animal husbandry				
2=Animal health				
3=Animal breeding				
4=Animal feeding				
5=Marketing skill (credit access/financial)				
6=other (specify)				
Training provider	1=NGO(specify) _____ 4=Famer groups workers (public/government)	2=Research institutions e.g. university 5=Neighbor 8=other specify	3=Governments 6=Extension workers (private)	7=Extension

3. If you did not receive training, what are the reasons?

1.
2.
3.

4. Do you feel the need for training to improve your work with livestock and milk? [_____] 1=Yes, 0=No

K/2. Agribusiness skills and Employment

No.	Question	Possible response..... Circle all that apply or note
K/1	What do you understand by the term an agri-entrepreneur?	1. Someone who is committed to agriculture and recognises it as a business with tremendous potential for innovation 2. Incorrect answer 3. Don't know
K/2	In light of the above, how do you view agri-entrepreneurship?	1. Positively Why?..... 2. Negatively Why?..... 3. Don't know
K/3	What do you understand from the term 'market driven' agri-entrepreneurship? <u>NOTE:</u> DO NOT read the answers to the respondent Respondents can give only ONE answer.	1. Starting an agri business based on knowledge of the market (prices, competition etc.) 2. Incorrect answer 3. Don't know
K/4	How would you rate your skills as an agri-preneur?	1. Good agri-preneurship skills 2. Fair agri-preneurship skills 3. Poor agri-preneurship skills 4. None 5. Don't know
K/5	What primary agri-preneurship skills do you possess that can help your livelihood? •	1. Use of mechanised equipment 2. Taking calculated risks in my farming 3. Setting goals for achievement 4. Taking initiative in all my operations

	<ul style="list-style-type: none"> NOTE: Respondents can give MORE THAN one answer. READ the answers to the respondent 	5. Working closely with other farmers 6. Any other:..... 7. None 8. Don't know
K/6	What medium agri-preneurship skills do you possess that can help your livelihood? NOTE: Respondents can give MORE THAN one answer. READ the answers to the respondent	1. Raising money for my agribusiness 2. Aware about quality inputs or equipment 3. Use of high-breed varieties 4. Use of technology in my business 5. Costing and Pricing mechanism 6. Investment pattern to follow 7. Other _____ 8. Don't know
K/7	What enterprise level agri-preneurship skills do you possess that can help your livelihood? NOTE: Respondents can give MORE THAN one answer. READ the answers to the respondent	1. Technical, production and quality control skills 2. Financial and administrative skills 3. Recognizing & realising business opportunity 4. Developing and evaluating a business strategy 5. Networking and utilising contacts 6. Effective Product Marketing skills 7. Investment pattern to follow 8. Other _____ 9. Don't know
K/8	Do you calculate your costs and revenues before engaging in your agribusiness enterprise?	0.No 1.Yes 2. Don't know
K/9	Are you aware of the agri-entrepreneurship opportunities in your community and surrounding area?	0.No 1.Yes 2.Dont know
		1. Primary Agriculture 2. Agro processing

K/10	What agri-entrepreneurship opportunities are available in your area? NOTE: Respondents can give MORE THAN one answer. DO NOT READ the answers to the respondent.	3. Bulking	4. Technical support	
		5. Market linkage	6. Financial service provision	
		7. Other.....	8. Don't know	
K/11	Are you aware of the services available to support agri-entrepreneurship development (entrepreneurship training, technical support, quality control, processing) in your community?	0.No	1.Yes	2. Don't know
K/12	Which agribusiness development services do farmers in your area need? (Code A) 1. Entrepreneurship training 2. Bulking centres 3. Processing units 4. Technical training 5. Extension services/demos 6. Market linkages 7. Finance linkages 8. Input linkages 9. Others 10. None 11. Don't know	Agribusiness development service(Code A)	How much would you be willing to pay for these services?(Code B)	
	Willingness to pay for services(Code B) 1. None 2. Up to 5,000 3. 5,0001-10,000 4. 10,001` – 20,000 5. 20,001 – 30,000 6. 30,001 + 7. Don't know			

	NOTE: Respondents can give MORE THAN one answer. DO NOT READ the answers to the respondent.		
K/13	Have you received support for your livelihood activities in the past 12 months?	0.No	1.Yes 2. Don't know
K/14	What kind of support have you received? (Codes A)	Who did you receive support from? (Code B)	
	NOTE: Respondents can give MORE THAN one answer. READ the answers to the respondent		
	1. Training	2.Advice	
	2. Livestock	3.Seeds	•
	3. Equipment (e.g. farming equipment)	4.Land	•
	4. Capital	5.Don't know	•
	Who did you receive support from?(Codes B)		•
	1. Parent or relative	2.Community adult	•
2. Government body (e.g. NAADS)	3.NGO:.....	•	
3. CBO	4. Private sector (e.g. micro finance)	•	
5.Other _____	6.Don't know	•	
K/15	What steps have you taken in the past 12 months to improve your livelihood?	1. Done nothing	
	NOTE: Respondents can give MORE THAN one answer. READ the answers to the respondent	2. Expanded my agribusiness operations	
		3. Diversified into other business ventures	
		4. Started Saving/ member of co-operative	
		5. Learnt new agribusiness skills	
		6. Other _____	

		7. Don't know
K/16	What are the main challenges that you have faced in your efforts to improve your agribusiness and livelihood?	1. Lack of business skills
		2. Lack of leadership in the area
		3. Lack of technical training
		4. Lack of capital to start/expand the agri business
		5. Lack of market for products
		6. Lack of advice /information on agribiz options
		7. Lack of group cooperation/cohesion
		8. Low production volumes
		9. Gender discrimination
		10. Lack of access to resources in the local area
		11. Other (specify):.....
		12. Have not faced any challenges
		13. Don't know
K/17	Have you ever received any agribusiness financing in the last three years?	1.Yes
		Which institution?.....
		0.No
K/18	If no, what could be the reason?	1. Lack of collateral
		2. Lack of knowledge about the products
		3. The finance is costly
		4. The service providers are far away
		5. The conditions are very tough
		6. Others.....
K/19	Are you a member of any farmer cooperative?	1.Yes

		Which?.....
		0.No
		2.Don't know
K/20	What is your level of access to finance/money? <i>Circle response</i>	1. Good access to finance 2. Fair access to finance 3.Poor access to finance 4.No access to finance 5.Don't know
K/21	How much do you earn on average in a month (in Ugandan Shillings)? <u>NOTE:</u> Respondents should include the value of in-kind payments for goods or services	1. Below 20,000 2. 20,000 - 50,000 3. 51,000-100,000 4.101,000-150,000 5.151,000-200,000 6.Over 200,000 7.None
K/22	To what extent are your earnings sufficient to pay all your expenses (including, if relevant, contributing to your household expenditure, feeding your family, etc.)? <i>Circle response</i>	1. Insufficient 2. Almost sufficient 3.Sufficient
K/23	How much do you save per month (in Ugandan Shillings)? <i>Circle response</i>	3. Amount:..... 2. None 3. Don't know
K/24	How often do you save? <i>Circle all that apply</i>	1.Daily 2.Weekly 3.Monthly 4.Quarterly 5. Annually 6.Never 7.Don't know
K/25	How do you save?	1. Traditional methods e.g. box at home 2. SACCO/ Saving Association 3. Bank Account 4. By giving to a trusted family/friend 5. Mobile money

		6. Any other:.....
		7. Don't know
K/26	If there were no limitations, what job would you like most to do?	1. Commercial farmer
		2. Civil servant
		3. Politician
		4. Businessman/woman
		5. Employed in the private/NGO sector
		6. Any other:.....
		7. Don't know

P. Agricultural Assets: Access, Value and Ownership

1. Land

Plot ID	Plot Description / Name	Size of this plot (acres)	Tenure system (code)	(a)Who has access to the plot?(code)	(b)If rented, rent value (UGX/year)	(c)Who has the final say on which crop to be planted	(d)Who has the final say on when to use/farm	(e)In whose name is the tile deed	(f)Who has the final say on the sell/disposal	(g)Who had the final say on use of the income from land sales
1										
2										
3										
4										
Plot description code		Tenure system			Codes for questions a, c, d, e, f and g					
0. = Homestead 1. = Cash crop 2. = Food crop 3. = Fodder crop 4. = Grazing land		1. = Owned with title 2. = Owned without title 3. = Communal/public/customary land 4. = Rented in 5. = Rented out			1. = HH head 2. = Wife 3. = Joint (specify e.g. HH head and wife, HH head and Son etc)_____ 4. = Son 5. = Daughter					

5. = Other(Specify) _____	6. =Mailo land	6. = Others (specify) _____
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Bicycles	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Salon vehicles	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Trucks	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Lighting										
Generator	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Biogas	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Solar panel	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]
Other__	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]	[__]

3. Other livestock

3.1 Please indicate the type and number of livestock kept/owned

Livestock Species		Total number owned/kept by the household	Number owned/kept by male household members	Number owned/kept by female household members	Number owned jointly	Number owned by household but kept(outside the household) by others
Cattle	Local					
	Cross/ exotic					
Sheep	Local					
	Cross/ exotic					
Goats	Local					

	Cross/ exotic					
Poultry	Local					
	Cross/ exotic					
Other, specify						

* "Cross" refers to a cross-bred animal which is part-exotic.

Q. Constraints associated with marketing

M/1 What constraints do you experience when selling your pigs?

1.
2.
3.

M/2 What constraints do you face when obtaining inputs to use for your pig enterprise?

1.
2.
3.

M/3. What other constraints do you face in pig production?

- 1.....
2.
- 3.....