The Economics of Community Based Seed Production:
A Case Study of *Association Song Koaadba* (ASK), Burkina Faso (2015)

Village Level Survey Questionnaire (rev, 06-01-15)
To be administered with the Village Chief or the Leader of a Farmer Group Involved in Cowpea Production

INSTRUCTIONS*: Interview the leader or the ASK farmer group, the chief of the village, and other people knowledgeable about cowpea production (i.e., extension staff, progressive farmer) in the village. However, keep the number of people participating in this interview small (three or less). Read the CONSENT STATEMENT and if he/she/they agree(s) to be interviewed, begin the interview.*

CONSENT STATEMENT

Hello. My name is_____. I am conducting a study to understand how community based seed system works and what makes them sustainable. The purpose of this study is to derive important lessons for donors and governments interested in establishing seed programs in Burkina Faso or other countries. I would like to ask you some questions about the socio-economic characteristics of this village, the farmer group's relationship with the ***Association Song Koaadba*** **(ASK)**, and the cowpea production and sale activities. The **information you provide** will be used for research purpose to identify factors that have contributed to the success of your organization, and propose recommendations for strengthening cowpea seed system in your country and other developing countries.

The USAID-funded Legume Innovation Lab at Michigan State University, USA, is **funding this study**. The main collaborators for the study in Burkina Faso are researchers from INERA.

The interview and request for data may take place in multiple visits. Your participation is **voluntary**.

Your **refusal to participate** or to withdraw from the study carries **no penalty** or loss of any benefits. You are **free to not answer any** of the questions I will ask. All information provided by you will be **kept confidential**.

If you have any **questions about this study**, please contact Professor Dr. XYZ at Michigan State University, phone: ABC and email PQR.

By continuing with this interview, you consent to answer my questions which will be part of the research data base.

CA. Village and respondents' general information

First I would like to ask a few questions about you. Enumerator*: fill in* CA1-CA10 *before the interview begins. Start on question* CA11.

CA1. Date of the Interview: _____ / _____ / _____ CA1a. Month CA1b. Day CA1c. Year		**CA2**. Enumerator name:	**CA3**. Supervisor name:
CA4. Province ID: _____ 1=Oubritenga 2=Ganzourgou 3=Sanmatenga	**CA5b.** Department name: **CA5b.** Department ID (*voir liste*): _____	**CA8**. Village name:	**CA9.** Village ID (*see list*): _____ (**Enumerator**: *write this ID at the top of each page*)
CA10. Location of the village: (***Enumerators: Take these coordinates at a central location using your GPS device)*** Latitude (°, ‘, “): _____ , _____ , _____ Longitude (°, ‘, “): _____ , _____ , _____ **CA10a. ° CA10b. ‘ CA10c. “ CA10d. ° CA10e. ‘ CA10f.** **10g. Elevation (use the GPS device): _____meters above sea level**			

CA11a. In your estimate, what is the size of this village in terms of number of households? _____ households

CA11b. In your estimate, what percentage of households in this village produce cowpea? _____%

CA12a	**CA12b**	**CA13a**	**CA13b**	**CA14a**	**CA14b**	**CA15**	**CA16**	**CA17**
What is your name and title/position in the village? (*write answers for each person--up to three people*) [1] Village leader/Chief [4] Leader of a farmer group [2] Extension Worker [88] Not applicable (no more people interviewed) [3] Cowpea farmer [99] Other (specify)						Respondents' telephone number: [0] Does not own a telephone [1] Prefer not to provide the telephone number [88] Not applicable (no more people interviewed)		
Person 1		Person 2		Person 3		Person 1	Person 2	Person 3
Name	Title/Position	Name	Title/Position	Name	Title/Position			

Enumerator: Complete the following information for all the persons noted under CA12-CA14*, please complete CA18-C24 for each person on each row*

CA0	CA18	CA19	CA20	CA21	CA22	CA23	CA24
Person ID	Name	Are you a member of ASK? 1-yes 2-no	Your gender 1-Male 2-Female	Age (years completed)	Number of years of education completed	Number of years serving as the leader	Current main occupation 1-farming 2-non-farm business 3-salaried employment 4-self employed 5-Retired 6-Other (specify)
1							
2							
3							

CA25	CA26	CA27	CA28	CA29	CA30	CA31	CA32	CA33	CA34
How many farmers in this village are members of ASK? *888-don't know*	How many farmer groups are in this village that are members of ASK?	Name of the farmer groups that are members *(up to 2 largest)*		How many farmers belong to this group today?		Which year was this group formed?		How many years have this group been a member of ASK?	
		Group 1	Group 2	Group 1	Group 2	Group 1	Group 2	Group 1	Group 2

CB. Location-specific characteristics

Now I would like to ask you about your village and the main commercial town where residents of this village buy and sell goods and services.

CB1. What is the **main commercial town** where residents of this village purchase goods and services? (*name*)	
CB2. How **far away (km)** is your village from the **town** mentioned in CB1? (km*; write zero if they are the same*)	
CB3a. What is the **most common means of transportation** residents of your village use to get to the town mentioned in CB1? (*select one*) [1] Bus service [4] Motorcycle/tricycle [88] Not applicable (if the commercial town is the same village) [2] Truck [5] Bicycle [3] Pick up/small car [6] By foot [99] Other (specify): _____	
CB3b. How long does it take to travel from this village to the main commercial town mentioned in CB1 **using the common means of transportation**?	1.Hours: _____ 2.Minutes: _____
CB3c. How **far away (km)** from your village is the capital city (Ouagadougou)?	
CB3d. How long does it take to travel from this village to the Capital city **using the common means of transportation**?	1.Hours: _____ 2.Minutes: _____
CB4a. Is there a **taxi service** in this village? [1] YES [2] NO => *Go to CB5*	
CB4b. **If YES**, how often does the taxi stop in the village? [1] Every day [2] Several times a week [3] Once a week	
CB4c. What is the transportation fare per person from the village to the town mentioned above using the taxi service? CFA	
CB5. What is the **condition of the road** between your village and the town mentioned in CB1? (*pick the option that best describes the road*) [1] Dirt with damaged sections (e.g. a lot of holes / interrupted) [3] Asphalt with damaged sections [2] Dirt in good condition (no holes, functions all year) [4] Asphalt in good condition [88] Not applicable (if the commercial town is the same village)	
CB6. How **far away (km)** from your village is the **main paved** (asphalt) **road**? (km; *write zero if the village is crossed by or bordering a paved road*)	
CB7a. Have you ever been to Donsin where *Association Song Koaadba* (ASK)'s office is located? [1] YES [2] NO	
CB7b. How **far away (km)** from your village is Donsin where ASK is located? [88] Don't know	
CB7c. How long does it take to travel from this village to Donsin **using the common means of transportation available to the residents of this village**? [88] Don't know	1.Hours: _____ 2.Minutes:_____

CC. Basic extension services

	CC1	CC2a	CC2b
Service	ID	Is this service currently available in your village? [1] YES => *Next service* [2] NO	**If NO**, what is the distance to the closest available service center? KM
Access to electricity	11		
Access to running water network	12		
Access to radio	13		
Access to television network	14		
Access to cell phone network	15		
Access to landline telephone network	16		
Access to district mayor's office	17		
Access to private bank services	18		
Access to village/rural banks	19		
Is there a primary school in this village?	20		
Is there a secondary school in this village?	21		
CC3a. Is there a government's agriculture extension service office in this village? [1] YES => *Go to CD* [2] NO			
CC3b. **If NO**, How **far away (km)** from your village is the nearest extension service office located?			

CD. Agriculture-related information

CD1	CD2	CD3	CD4	CD5	CD6	CD7
Is there any permanent agro-**input dealer** in this village? [1] YES [2] NO => *Go to CD3*	**If YES**, do farmers generally purchase their fertilizer and pesticides at this input Agro- dealer? [1] YES => *Go to CD4* [2] NO	**If NO**, where do farmers generally purchase their fertilizer and pesticide (main source)? [0] Farmers never purchase these inputs [1] In the local market (other than at input dealer) [2] In other markets/towns [3] Receive as credit from agricultural company [4] Receive from NGOs (as credit or free) [5] Receive from Government (as credit or free) [99] Other (specify)	Where do farmers generally obtain their cowpea seeds (main source)? [0] They use grain saved from their previous harvest [1] They borrow/purchase seed from other farmers [2] They purchase seed in the local market [3] Purchase in other markets (villages) [4] Receive from NGOs [5] Receive from Government agencies [6] Purchase from an input dealer [99] Other (specify)	Do farmers in this village have access to certified seeds of cowpea?	Currently, what is the cowpea certified seed price if someone wants to buy it? (CFA/kg)	What was the cowpea certified seed **price** at the **beginning** of the planting season last year (2014)? (CFA/kg)

CD. Agriculture-related information (cont'd)

CD8b	CD8c	CD8d	CD9b	CD10b
Do farmers in this village currently have access to cowpea seeds, not certified? 1=yes 2=no >CD8C	If yes, what is the Main source of cowpea seeds, not certified? 1=seed producers in this village 2=seed producers in other village 3=ASK 4=Other (specify)	If no, why not?	Currently, what is the price of cowpea seed, not certified if someone wants to buy it? (CFA/kg)	What was the **price of cowpea seed, not certified** at the **beginning** of the planting season last year (2014)? (CFA/kg)

CD11a	CD11b	CD12a	CD12b	CD13
Currently, what is the cowpea grain price in this village if someone wants to buy it? (CFA/kg)	What was the cowpea **price** in the village at the **beginning** of the planting season for 2014? (CFA/kg)	What was the cowpea **price** in the village at **harvest in 2014**? (CFA/kg)	What is the source of this price information? 1=Village market 2=Market in nearby village 3=Cooperatives or Farmer groups 4=Intermediaries 99=Other (specify)	In this village, are there any producer / farmer organizations or organized groups working with cowpea? [1] YES [2] NO

Please name all the varieties of cowpea grown in this village (see codes)			**CD29**		**CD30**	
CD14	**CD19**	**CD24**	**What are the two most popular cowpea varieties in this village and indicate if it is improved or a local/traditional variety?**			
CD15	**CD20**	**CD25**	Most important variety	Type 1=improved 2=local	Second important variety	Type 1=improved 2=local
CD16	**CD21**	**CD26**				
CD17	**CD22**	**CD27**				
CD18	CD23	**CD28**				

Variety codes:

[1] Kvx396-4-5-2D *[2] Kvx414-22-2*	*[3] Kvx414-22-72* *[4] CR0607*	*[5] Kvx61-1* *[6] Komcallé*	*[7] Nafi* *[8] Tiligré*	*[99] Other, specify* *[88] No more*

CF. Village Wages and Major problems

Please tell me what is the average farm and off-farm daily wages for adult men, adult women and children in this village?

CF1	CF2	CF3	CF4	CF5	CF6	CF7	CF8	CF9
Average **agricultural (farm)** wage for a day laborer (CFA)			Average **off-farm** wage for a day laborer (CFA)			How many hours is considered a full day of work to earn these wages for adult men, women and children?		
Adult Men	Adult Women	Children (ages 5-15)	Adult Men	Adult Women	Children (ages 5-15)	Men	Women	Children
						Hours	Hours	Hours

	Questions		**Answers**
CF10a	What are the **three major problems** affecting this village and its residents? Is it….? (READ THE LIST FROM codes 1 to 99, then ask them to identify first, second and third major problem) 1= Crime/security concerns 2= Food shortages 3= Increase in food prices 4= Unemployment 5=Refugees taking jobs/resources 6= Health problems 7= Poor quality of schools 8= No schools in the village 9= Child labor 10=Lack of proper health care facility 11= Lack of drinking water 12=Lack of access to transportation 13=no easy access to agricultural inputs 14=Shortage of land; or 99= Other problems (*specify in corresponding space*) 88= No more problems	Major problem	
CF10b		Second major problem	
CF10c		Third major problem	

	Questions		**Answers**
CF11a	What are the **three major problems** affecting COWPEA production in this village? Is it….? (READ THE LIST FROM codes 1 to 99, then ask them to identify first, second and third major problem) 1= Access to quality seeds 2= Low yield 3= Access to other inputs 4= Insects 5=Diseases 6= Low soil fertility 7= Labor constraint 8= Low grain prices 9= Storage pests 10=Lack of market to sell the harvest 11= Lack of information on improved technologies 12=Low profitability 99= Other problems (*specify in corresponding space*) 88= No more problems	Major problem	
CF11b		Second major problem	
CF11c		Third major problem	

THANKS VERY MUCH FOR ANSWERING MY QUESTIONS!