

APPENDIXES

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Appendix 1: Questionnaire

I. General Information on the Interviews

Study Location			
1	Code of Questionnaire	Number	
2	Date	DD/MM/YYYY	
3	Time of interviewing	Started	
4		Finished	
5	Location	Province	
6		District	
7		Commune	
8		Village	
9	Interview Checker	Full name	
10	Name of Enumerator	Full name	
Interviewee's Profile			
11	Name of Interviewee	Full name	
12	Age	Number	
13	Sex	1. Male 2. Female	
14	Phone Number	Line 1.....	Line 2.....
15	What is your position in the household?	1. Head of Household 2. Spouse of Head Household 3. Child of Head Household 4. Parents of Head Household 5. Relative of Head Household 6. Other (Specify).....	
16	Marital Status	1. Single 2. Married 3. Divorced / Separated 4. Widow / Widower	

17	What year of schooling did you complete?							
18	How long have you had experience in farming activities? (Year)							
19	How many members are there in your household? (Including you)							
N ⁰	Relationship with HH (1)	Marital Status (2)	Sex 1. Male 2. Female	Age	Year of schooling	Farming Experience	Off-farm activities	
1								
2								
3								
4								
5								
6								
7								
8								

Code:

(1): 1. Head of HH 2. Spouse of HH 3. Son/daughter 4. Parents 5. Relatives 6. Other,
(Specify).....

(2): 1. Single 2. Married 3. Divorced/ Separated 4. Widow/Widower 5. Other,
(Specify).....

III. Information on microcredit

Role of gender in microcredit			
22	Do you take credit in 2015?	1. Yes 0. No	
23	Who is the first loan initiative proposal for working capital?	1. Wife 2. Husband 3. Both (wife and Husband)	
24	Who is the main actor in process of borrowing?	1. Wife 2. Husband 3. Both (wife and Husband)	
25	Who is the main actor in loan management within the household?	1. Wife 2. Husband 3. Both (wife and Husband)	
26	In your household, who make decision on using agricultural credit? (e.g. buy seeds, fertilizer, herbicide, pesticide and so on)?	1. Wife 2. Husband 3. Both (wife and Husband)	
27	Where are sources of loan did you borrow from?	1. Microfinance institutions 2. NGOs microfinance 3. Moneylenders 4. Relatives/Friends 5. Others please specify.....	
28	How much?	Amount:Riel/US\$	
29	How long?	:Month	
30	Interest rate?	:%	
31	For what purpose?	1. Agriculture 2. Small business 3. Health treatment 4. Education 5. Household consumption 6. Payment for other loan 7. Others.....	

32	Could you estimate the loan used for agriculture purpose? How much?	Amount:.....Riel/US\$	
33	If you used the loan for agriculture, what did you buy?	<ol style="list-style-type: none"> 1. Hired Tractor/ Hand-Tractor 2. Hired threshing machinery 3. Buying Chemical Fertilizer 4. Buying Pesticide 5. Buying Seeds 6. Buying Herbicide 7. Buying Water Pump Machine 8. Buying Sprayer Machine 9. Buying Hand-Sprayer 10. Buying Bag 13. 11 Buying Gasoline 12. Other, specify..... 	
34	What are your sources for repaying loans?	<ol style="list-style-type: none"> 1. Farming (Harvested Season) 2. Fishing 3. Small business 4. Remittance 5. Borrowing from MFIs 6. Animal raising 7. Salary from the government 8. Construction Worker 9. Others..... 	
Any suggestion:			

Thank you very much for your participation!!!

Appendix 2: Gross margin calculation

Variable and Cost	Borrowers	Non-borrowers
Avg. Land Size (ha)	2.61	2.52
Avg. Labor force input (man-day)	28.34	24.93
Family labor	19.74	16.88
Hired Labor	8.60	8.05
Avg. Value of Production (US\$)	1,370.69	1,049.02
solds	1,156.15	790.39
Household Consumption	216.83	258.66
Avg. Variable Cost (US\$)	1,014.87	828.10
Seeds	237.84	199.01
Fertilizer	163.79	127.48
Pesticide	14.09	15.88
Herbicide	37.29	27.62
Sacks	22.54	21.69
Hired tractor	85.37	73.72
Hired harvester machinery	190.28	145.04
Gasoline	59.55	42.76
Household labor	140.74	124.06
Hired labor	63.38	50.85
Gross Margin (US\$)	355.85	220.96
Gross Margin per ha (US\$/ha)	136.34	87.67
Gross Margin per labor resources	12.56	8.86

Appendix 3: Farmer interview



Appendix 4: Focus group discussion



Appendix 5: Typical farmers in study area



Appendix 6: Weed control

