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**Identification of socio-economic characteristics and farmers' practices affecting rice (*Oryza* spp.) yields in Benin (West Africa)**

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**INDIVIDUAL FARMER SURVEYS**

**Topic : Socio-economic characteristics and cropping practices of rice (*Oryza spp.*) production systems in Benin (West Africa).**

**Identification**

Date of the survey	_____ / _____ /2015/ 2016
Name of interviewer	
Questionnaire N°	

**1.1 Location**

Questions	Answers
Municipality	
Village	
Household name/number	

**1.2 Socio-economic and demographic characteristics of respondent**

Question	Answers		
Respondent name			
Age (in years)			
Sex	0 <input type="checkbox"/> Female 1 <input type="checkbox"/> Male		
Do you have a phone number ?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes		
If so what is your number?			
If not, what is the number to reach you?			
Ethnic group	1 <input type="checkbox"/> Idatcha 2 <input type="checkbox"/> Mahi 3 <input type="checkbox"/> Nateni 4 <input type="checkbox"/> Waama 5 <input type="checkbox"/> Dendi 6 <input type="checkbox"/> Other (_____)		
Religion	1 <input type="checkbox"/> Muslim 2 <input type="checkbox"/> Christian 3 <input type="checkbox"/> Animist 4 <input type="checkbox"/> Other		
Marital status	1 <input type="checkbox"/> Married 2 <input type="checkbox"/> Single 3 <input type="checkbox"/> Divorced 4 <input type="checkbox"/> Widower		
What is the highest level of education achieved?	0 <input type="checkbox"/> None 1 <input type="checkbox"/> Primary 2 <input type="checkbox"/> Secondary 3 <input type="checkbox"/> University 4 <input type="checkbox"/> Other (_____)		
Number of years of experience in rice growing (in years)			
Motivation for producing rice	1 <input type="checkbox"/> Consumption 2 <input type="checkbox"/> Market 3 <input type="checkbox"/> Both		
Household size	Groups	Number of people	Family members that participated into farm labour
	Man		
	Women		
	Child		
Do you belong to a producer organization ?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes		
Do you have contact with extension services (public or private)?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes		
Do you have access to credit?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes		
Farm size (ha)			
Total cultivated land area			

Question	Answers
How many fields or plots do you have	
Types of access to land	1 <input type="checkbox"/> Inheritance 2 <input type="checkbox"/> Donation 3 <input type="checkbox"/> Purchase 4 <input type="checkbox"/> Sharecropping 5 <input type="checkbox"/> Rent 6 <input type="checkbox"/> Pledge 7 <input type="checkbox"/> Other ( )
What is your main agricultural activity	1 <input type="checkbox"/> Crops, list them: 2 <input type="checkbox"/> Animal husbandry, list them: 3 <input type="checkbox"/> Fishing, list them: 4 <input type="checkbox"/> Other ( ), list them:
Do you have a source of income other than farming?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes
If so, list them	1 <input type="checkbox"/> Commerce 2 <input type="checkbox"/> Crafts 3 <input type="checkbox"/> Trade 4 <input type="checkbox"/> Other ( )

### 1.3 Rice production systems and cropping practices

Type of rice	Answers		Area (ha) in the previous year (2014)	Production (kg) in the previous year (2014)				
Do you grow upland rice?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes							
Do you grow irrigated rice?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes							
Do you grow lowland rice?	0 <input type="checkbox"/> No 1 <input type="checkbox"/> Yes							
Clearing	Manual / Incineration		Period					
Plowing	Flat / Billon	Methods used		Period				
		Plow	Tractor	Hoe				
Leveling	Yes No		Locker (dimension)					
Rice seed	Varieties used	Previous harvest	Certified	Qty (kg) / locker	Price / kg	Place of purchase	Purchase period	
		Yes/No	Yes/No					
Sowing method used	Direct (Yes / No)			Indirect (Yes / No)				
Fumure	Chemical		Chemical and organic		Organic		Nothing	
	Yes/No		Yes/No		Yes /No		Yes/ No	
Chemical	Types of fertilizers	Frequency	Dose	Period	Spreading mode (fly, in-line, pocket)		Workforce	Amounts
Chemical and organic	Types of fertilizers	Frequency	Dose	Period	Spreading mode (fly, in-line, pocket)		Workforce	Amounts
Organic	Types	Frequency	Dose	Period	Spreading mode (fly, in-line, pocket)		Workforce	Amount

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Fallow (yes / no): ..... For how long: .....

If so, what are the different fallow practices?

.....  
 .....  
 .....

*If not, list the reasons*

.....  
 .....  
 .....

Monoculture (yes / no): ..... *If not, list the reasons*

.....

Mixed cropping (yes / no): ..... If yes, reasons: .....

Crops associated with rice: .....

Crop rotation (yes / no): .....

Cultivation before rice: .....

Cultivation after rice: .....

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Types of legumes	Functions (roles)	Origin (source of provenance)

**1.5 Rice production equipments**

Equipments use	How much can this equipment cover on the surface?	For how many growing seasons can this equipment be used	Current equipment costs
Equipment 1:			
Equipment 2:			
Equipment 3:			
Equipment 4:			
Equipment 5:			
Equipment 6:			