

# Questionnaire GLDC Burkina Faso 2018

Farm code.....

Phone number, if any :.....

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Enumerator name	
Date of interview	

## I Farm-household characteristics

### 1.1 Identifying the farm-household

<b>Village</b>			
Farm code			
Household coordinates	Long .....	Lat .....	
Name of household head	Name:	Sex :	Age:
Ethnic group: .....	Origine: Native = 1 Migrant = 0	If migrant, since how years?:..... Coming from?.....	
Household distance from (km)	Nearest market:....		
	Nearest paved road:.....		
	Nearest impaved permanent road:.....		

Sex: Female = 1 Male = 2

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### 1.2. Household equipment (give number of each):

Equipemnt	Number
Radio	
bicycle	
Moto	
Cellular	
Solar panel	

1.3. Is the household member of a farmer association/group?.....

1=yes, 0=No

1.3.1 If yes to 1.3. who in the household is a member of this group?

1=adult man, 2= adult woman, 3= young man, 4= young women

1.3.2. Can both men and women have equal opportunity and ability to become a member of this association/group?

1=yes, 0= no

1.3.3. If no to 1.3.2. explain why?.....

1.3.4. If yes to 1.3. list the names of farmer associations/groups.....

.....  
.....

1.4. Is the household member of a credit association/group?.....

1=yes, 0=No

1.4.1 If yes to 1.4. who in the household is a member of this group?

1=adult man, 2= adult woman, 3= young man, 4= young women

1.4.2. Can both men and women have equal opportunity and ability to become a member of this association/group?

1=yes, 0= no

1.4.3. If no to 1.4.2. explain why?.....

1.4.4. If yes to 1.4. list the names of credit associations/groups.....

.....  
.....

1.5. Is the household a member of any other association/group?

1=yes, 0=No

1.5.1 if yes to 1.5. who in the household is a member of this group?

1=adult man, 2= adult woman, 3= young man, 4= young women

1.5.2. Can both men and women have equal opportunity and ability to become a member of this association/group?

1=yes, 0= no

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1.5.3. If no to 1.5.2. explain why?.....

1.5.4. If yes to 1.5. list the names of associations/groups.....

.....  
 .....

## 2. TRANSFERS

2.1. Is the farm receiving remittance? ..... 1=Yes 0=No

2.2. If yes, what is the usual amount received in FCFA?.....

2.3. Periodicity (1= weekly, 2= Monthly, 3= annually).....

## 3. FOOD SECURITY

3.1. Can you tell if the farm has been able to cover its food needs from its own production the last 5 years? 1=Yes 0=No.....

3.2. If no, what do you think are the causes?

1=Insufficient labour ☐

2= Poor fields fertility ☐

3= inadequate management of fields fertility ☐

4= Climate variability ☐

3.3 How many months, the farm own production were able to cover its food needs last year?.....

3.4. Do you think this year crop production will entirely cover your food need of the year?

1=Yes 0=No .....

## 4. Household demography

Indicator	Measurement			
Household size(number of persons living currently in the household)				
Number of persons that have migrated (Left since 6 month or do not intend to come back before at least 6 months)				
Number of active members				
Details of household members	0-5 years-old	6-14 years-old	15-49 years-old	50 and + years-old
Males				
Females				

## 5. PERCEPTION OF CLIMATE VARIABILITY

5.1. Did you observe any significant variability of rainfall over the last 10 years?..... Yes = 1 No = 0

5.2. If yes indicate ..... ?

1= Decrease 2= increase 3=Fluctuation

5.3. If yes, what are the reasons of this variability according to you?

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

5.4. What are the effects of this variability on the farm activities?

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

5.5. What are the measures put in place by the farm for coping/adapting to climate variability?

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

## 6. TRAINING AND ACCES TO EXTENSION SERVICES

6.1. Did you receive any training on legumes production /...../ Yes = 1 No = 0

6.2. If yes, who delivered the training? /...../ /...../

1=Agricultural extension service ; 2=Animal production service ; 3=Environment service 4=NGO/Project  
5=Other.....

6.3. Did you receive any financial support for legumes production? /...../ Yes = 1 No = 0

6.4. If yes, was-it in a form of? /...../ 1=Credit 2=Gift 3=Subsidy

6.6. Did extension service often visit you /...../ Yes = 1 No = 0

6.6. If yes, how many times per year in average? /...../

6.7. What are the main purposes of these visits?.....

.....

## 7. Cereal-legume association

7.1. Did you practice cereal-legume association?/...../ Yes = 1 No = 0

7.2. If yes, since how many years?/...../

7.3. If yes, what are the main reasons?

Reason 1 /.....

Reason 2 /.....

Reason 3 /.....

7.4. What is the main cereal-legume association type you practice every /...../:

1=Sorghum-cowpea; 2= Millet-cowpea; 3= Maize-cowpea; 4=Cereals-other legume (Mucuna, soya beans)

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7.5. What is the effect of cereal-legume association on crop yield you perceive? /.....//...../

1=Yield decrease 2=No effect on yield 3=Increased yield

7.7. Crop rotation within the cereal-legume association? /..... //..... /

1=Same cereal-legume association over the years 2=Changing the legume used for association 3=Changing the cereal associated with legume 4=Other.....

7.7. Why are doing these changes?.....

7.8. How is the association cereal-legume performed? /...../

1=Legumes between cereal sowing pockets (interposed) 2= both cereals and legumes within the same sowing pocket 3=Legumes between cereal lines 4=Other.....

## 8. USE OF IMPROVED SEED

8.1. Are you usually using improved seeds ? /...../ 1=Yes 0=No

8.2. If no, why?.....

8.3. If you usually use improved seeds how do you access them ?

	Millet	Sorghum	Cowpea	Maize	Other
<b>Access mode</b> 1=Buying from model farmers producing improved seeds in the sub-district 2=Buying with extension services 3=Donation from Government 4= Donation from fellow farmer 5= Donation from NGO/Project 6=Subsidy from Government 7= Subsidy from NGO/Project 8=Other.....					

## 9. GENDER ROLES

What are the common roles of men and women within the production system (millet, sorghum, cowpea and upkeep of relevant livestock)?

Agricultural activities for millet, sorghum and cowpeas	Predominantly men = 1, Predominantly women=2, Both men and women= 3, and children =4
Ploughing	
Planting	

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<i>Irrigating</i>	
<i>Fertilizer application</i>	
<i>Weeding</i>	
<i>Harvesting</i>	
<i>Packaging</i>	
<i>Marketing</i>	
<i>Feeding animal</i>	
<i>Processing animal product (eg dairy processing)</i>	
<i>Packaging</i>	
<i>Marketing</i>	
<i>Etc.</i>	

## 10. CROP CALENDAR

10.1. When do you usually experience labour shortage ?(cocher le tableau)

	Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug	Sept.	Oct.	Nov.	Dec.
Month with labour shortage												
Month with labour abundance												

10.2. What are the off-farm employment/job opportunities for men and women in your village and the sub-district?.....

.....

.....

## 11. Functional farm implement

No	Implement	Number
1	Full line implements for bullock traction (ploughing tillage, etc.)	
2	Ploughing implement only for bullock	
3	Full line implements for donkey traction (ploughing tillage, etc.)	
4	Ploughing implement only for donkey	
5	Wheelbarrow	
6	Donkey cart	
7	Cattle cart	
8	Tractor	

## 12. CROP RESIDUE USE

What do you use crop residues for ?

Residues type	<i>1= Left on plots; 2=Burned ; 3=Collected as animal feeds ; 4= collected for firewood; 5=collected and composted</i>
Maize	
Sorghum and millet	
Cowpea and groundnuts	
Cotton	

## 13. TREE REGNERATION/PLANTING

13.1. Do you think that keeping trees in your field can help improve your crop yield? .....

.....

.....

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13.2. If you sparing trees in your plots fill the table below

Regeneration mode	Main species	Form of tree planting <i>1= Hedgerow</i> <i>2= as plantation</i> <i>3= randomly distributed</i>	Criteria use for sparing or planting trees in your fields?	Annual income from trees in your field <i>(Fruit, forage, barks sells)</i>	Which parts of trees do you use for animal feeding? <i>0= None</i> <i>1=Fruits</i> <i>2=Leaves</i>	Use for household needs <i>0= fruits</i> <i>1= Firewood</i> <i>2= Medicine</i> <i>3=Shade</i> <i>4=Other.....</i>
Natural regeneration						
Planted trees						

## 14. CROP PRODUCTION OF THE TWO LAST AGRICULTURAL SEASONS

### 14.1 Campagne 2017-2018

Field number	Plot number	Area (ha)	Main crop	Associated crop	Topography <i>1= Inland</i> <i>2=Flat land</i> <i>3= Upland</i>	Soil and water conservation measure	Quantity of Compost used	Quantity of animal manure used	Quantity of urea used	Quantity of NPK used	Quantity of harvested crop



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### 14.2.Campagne 2016-2017

Field number	Plot number	Area (ha)	Main crop	Associated crop	Topography <i>1= Inland 2=Flat land 3= Upland</i>	Soil and water conservation measure	Quantity of Compost used	Quantity of animal manure used	Quantity of urea used	Quantity of NPK used	Quantity of harvested crop

### 15. ANIMAL PRODUCTION

Type	Current number ( <i>Adultes : &gt; 1 year-old for ruminants and pigs ; &gt; 3 months for poultry</i> )	Number sold within last 12 months	Total income (FCFA)
<i>Bullock</i>			
<i>Cattle</i>			
<i>Sheep</i>			
<i>Goat</i>			
<i>Poultry</i>			
<i>Pigs</i>			
<i>Donkey</i>			

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### 16. OFF-FARM ACTIVITIES

<i>No</i>	<i>Household member</i>	<i>Sex</i>	<i>Activity</i>	<i>Periodicity</i> <i>1= monthly</i> <i>2=annually</i>	<i>Total annual income</i> <i>(FCFA)</i>

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### 17. CURRENT CROPPING SEASON

#### 17. 1. Cropped land

Field number	Plot number	Area (ha)	Main crop	Associated crop	Topography <i>1= Inland 2=Flat land 3= Upland</i>	Soil and water conservation measure	Quantity of Compost used	Quantity of animal manure used	Quantity of urea used	Quantity of NPK used	Quantity of harvested crop

17.2. Fallow area (ha).....

Interview quality:.....

*1- Poor*

*2- Good*

*3- very good*

**MANY THANKS FOR ANSWERING OUR QUESTIONS.**

**STAY BLESSED**