

<b>FAO Standard</b>
<b>Seed Security Assessment : Household Survey (HHS)</b>

- a. Text in blue are notes to the enumerators
- b. Figures in bracket ( ) or = are codes for data entry

*Example introduction: Thanks for agreeing to this interview. We are XX and YY. We work for the United Nations' FAO / Other. We want to understand how your seed system works. The answers we get will be shared with organizations working on seed for any improvement required for their action.*

Questionnaire number.→		Data entry number→	
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**Section 1: Details**

- 1.1 Name of Enumerator: \_\_\_\_\_
- 1.2 Organization: \_\_\_\_\_
- 1.3 Date of assessment: \_\_\_\_\_
- 1.4 District \_\_\_\_\_
- 1.5 County \_\_\_\_\_
- 1.6 Sub-county \_\_\_\_\_
- 1.7 Village \_\_\_\_\_
- 1.8 Agro-ecological zone \_\_\_\_\_

Codes: (to be added, as country specific)

- District:
- County:
- Sub-county:
- Agro-ecological zone:

**Section 2: Respondent Information**

- 2.1 Name of respondent: \_\_\_\_\_ (not to be entered into database)
- 2.2 Age: \_\_\_\_\_(years)
- 2.3 Gender (Sex):     Male (1)                       Female (0)
- 2.4 Relationship:     Household head (1)             Spouse (2)
- Son/daughter (3)                 others (4)
- 2.5 Highest Education  No formal (1)                       Primary school (2)
- Secondary (3)                       Tertiary (4)
- 2.6 Mobile #: \_\_\_\_\_

### Section3: Household Demographic and Livelihood Characteristics

3.1 Gender of household head.

Male (1)                       Female (0)

3.2 Residential status of the household (HH).

Resident (1)                       Refugee (2)

3.3 For how long have you continually lived in this area? \_\_\_\_\_ Years

3.5 Household size: How many people live in this household? \_\_\_\_\_ Note to enumerator; Give the number under each age groups below?

Age group→	< 5 years	5-17 years	18-35 years	36-60 years	>60 years

3.6 How many household members are involved (provide labor) in Agricultural activities?

\_\_\_\_\_ Men                                      \_\_\_\_\_ Women

3.7a. Do you rear livestock?

Yes (1)                       No (0)

3.7b. If yes which type of livestock do you keep? And how many do you have?

Type	Number	Type	Number
<input type="checkbox"/> Cattle	.....	<input type="checkbox"/> Sheep	.....
<input type="checkbox"/> Donkey	.....	<input type="checkbox"/> Poultry	.....
<input type="checkbox"/> Goat	.....	<input type="checkbox"/> Camel	.....
<input type="checkbox"/> Pigs	.....		
Others – please specify the type and numbers below			
<input type="checkbox"/> 1).....	.....	<input type="checkbox"/> 2).....	.....

3.8 What was your **Main** source of income last year?

Income source	Income source	Income source
<input type="checkbox"/> Crop produce (1)	<input type="checkbox"/> Livestock sale (2)	<input type="checkbox"/> Fishing (3)
<input type="checkbox"/> On-farm daily labor (4)	<input type="checkbox"/> Livestock products (5)	<input type="checkbox"/> Hunting & gathering (6)
<input type="checkbox"/> Non on-farm daily labor (7)	<input type="checkbox"/> Remittances (8)	<input type="checkbox"/> Petty trade (9)
<input type="checkbox"/> Sale of charcoal/fuel wood (10)	<input type="checkbox"/> Salary (11)	<input type="checkbox"/> Pension (12)
<input type="checkbox"/> Others (specify).....		

3.9a. Are you able to save some cash from the income you earned?

Yes (1)                       No (0)

3.9b. Are you able to access credit from any source?

Yes (1)                       No (0)

### Section 4: Food Availability and Access at Household Level

4.1 For how many days (0-7) of the last 7 days have you eaten the following food groups?

Food group	Days (0-7)	Food group	Days (0-7)
1. Cereals	.....	6. Milk/ milk products	.....
2. Roots and tuber	.....	7. Fruits	.....
3. Pulses / legumes	.....	8. Sugar / sweet/honey	.....
4. Vegetables	.....	9. Oil / ghee / fat	.....
5. Meat / fish / eggs	.....		

### Section 5: Crop Production/ Seed System Profile

5.1 What crops did you plant last year?

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Sorghum =1               | <input type="checkbox"/> Maize=2           | <input type="checkbox"/> Rice=3          |
| <input type="checkbox"/> Finger millet =4         | <input type="checkbox"/> Pearl millet =5   | <input type="checkbox"/> Groundnut=6     |
| <input type="checkbox"/> Bambara nuts (Sungu) = 7 | <input type="checkbox"/> Sesame= 8         | <input type="checkbox"/> Sunflower =9    |
| <input type="checkbox"/> Beans=10                 | <input type="checkbox"/> Cowpea=11         | <input type="checkbox"/> Green grams =12 |
| <input type="checkbox"/> Pigeon peas = 13         | <input type="checkbox"/> Soya bean = 14    |  |
| <input type="checkbox"/> Cassava=15               | <input type="checkbox"/> Sweet potato=16   | <input type="checkbox"/> Potato=17       |
| <input type="checkbox"/> Cocoyam = 18             | <input type="checkbox"/> Yams = 19         | <input type="checkbox"/> Banana =20      |
| <input type="checkbox"/> Local vegetables         | <input type="checkbox"/> exotic vegetables |  |

5.2. Should be asked only if the household indicated that they planted vegetable:

5.2a for what Main purpose do you cultivate vegetables?

- Domestic (1)                       Commercial (0)

5.2b. if sold, who decides on how the money is used?

- Men (1)                       Women (2)                       Both (3)

5.2c. for other crops, if sold, who decides on how the money is used?

- Men (1)                       Women (2)                       Both (3)

5.3 Of the above crops, which were the three most important you cultivated last year?

Crop production parameters (investigate crop by crop – A, B & C)	Crop A	Crop B	Crop C
a) Name (or code) of the three most important crops (see codes in 5.1)			
b) What is the <b>Main use</b> of the crop? 1= food; 2= income; 3=fodder			
c) What area (acre) did you plant during the last year?			
d) Land preparation method: 1= <i>Slash and burnt</i> ; 2= <i>Zero/minimum tillage</i> ; 3= <i>use of hand tools</i> ; 4= <i>Animal traction</i> ; 5= <i>Tractor</i>			
e) Quantity of seed used (kg) -convert the local unit used by the farmer into kg, (except for cassava, sweet potato, potato, yams, cocoyam and banana)			
f) Was the crop in the field 1=rain-fed or 0= irrigated?			
g) What was the cropping practice?1= <i>mixed crop</i> ; 0= <i>sole crop</i>			
h) Did you apply <b>inorganic</b> fertilizer? 1=Yes, 0=No			
i) Did you use <b>organic</b> fertilizer? 1=Yes, 0=No			
j) If yes, what type of organic fertilizer? 1= <i>compost manure</i> ; 2= <i>animal manure</i> ; 3= <i>green manure</i> ; 4= <i>others (specify)</i> .....			
k) Quantity harvested (kg) (convert the local unit used by the farmer into kg) (except for cassava, sweet potato, potato, yams, cocoyam and banana)			
l) How do you rate the harvest? 1= <i>Good</i> ; 2= <i>Fair</i> ; 3= <i>Poor</i>			

5.4 Of the above (mentioned) crops, which ones will you plant this year?

Crop production parameters (investigate crop by crop – A, B & C)	Crop A	Crop B	Crop C
a) Name (or code) of the three most important crops to be planted (maintain the order as in 5.3)			
b) Change in Main crop (s)? Codes: Yes=1No=0 (observe this from the responses 5.3a and 5.4a)			
c) Main reason for change in main crops if any (see codes below)			
d) What is the area (acre) expected to be planted?			
e) Change in area (acre) to be planted? Codes: Yes=1; No=0; Not applicable=3 (observe this from the responses 5.3c and 5.4d)			
f) Main reason for change of area if yes(see codes below), If No change indicate N/A			
g) Quantity of seed expected to be planted (kg)?(convert the local unit into kg)			
h) Change seed quantity be used: Yes=1; No=2; Not applicable=3 (observe this from the responses from 5.3e and 5.4g)			
i) Main reason for change in quantity of seed (see codes below)			

Codes for Main reason for change <b>(Note to the enumerators: only one to be identified)</b>		
1 = Lack of land; 2 = Access to more land; 3 = Lack of labor force; 4 = Access to more labor force; 5=Lack of seed; 6=Better access to seeds;	7=Free seed; 8=Increase in seed prices; 9=Decrease in seed prices; 10=Decrease of produce price; 11=Guaranteed selling price of produce; 12=Secure market;	13=Increased need at household level 14 = Lack of tools and equipment 15= Replanting of seed 16= Better yields 17= Others (specify).....

## Section 6: Important Crops and their Seed Sources

Transfer important crops (A, B & C) from 5.3 to 6.1, 6.2 and 6.3 of this section

6.1 What was/were your source(s) of seed for the important **CROPA** (Name/code.....) last year?

- Own seed                       Local Market    Soc. Network  
 Agro-input-Dealer         Seed aid                       Community seed business (CSB)

Note to enumerator: Multiple responses possible

6.1.1 Assess varietal suitability, availability, accessibility and quality of crop **A** seed from the source(s) indicated above.

<b>Crop A</b> (.....)LASTYEAR	Source(s) of seed LAST YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed aid <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety type: 1= local; 0=improved						
c) Was there enough seed from this source? Codes: 1=Yes; 0=No						
d) What quantity of seed (kg) did you plant from this source?						
e) At what time was the seed available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
f) Where did you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
g) How did you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
h) How was the price or term of trade? 1= affordable; 2= expensive ; 3=very expensive(ask only those who acquired by cash, on credit or bartered only)						
i) Was the seed clean? 1= clean (no impurities, no damage); 2= fairly clean (some impurities, no damage); 3=not clean (Some impurities & damage) <span style="background-color: #e0ffff; padding: 2px;">Note to enumerator: Damage refers to physical, pest infestation or both</span>						
j) How was the germination of the seed? 1= Good, 2=Fair; 3=Poor						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						

6.1.2 Overall, if you consider the following seed sources; own, local market, social network and agro-input dealers, was there enough seed available for **crop A** during LAST YEAR?  Yes (1)  No (0)

6.1.3. THIS YEAR, where will you source seed of **CROP A** (.....) from?

- Own seed  Local Market  Soc. Network  
 Agro-input-Dealer  Seed aid  Community seed business (CSB)

Note to enumerator: Multiple responses possible

6.1.4 Assess availability and accessibility of crop **A** seed from this/these source(s). Assess variety type, growth, liking by the farmer only if the variety was not planted last year

Crop A (.....)THIS YEAR	Source(s) of seed THIS YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed ai <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety same as last season? 1= Yes; 0=No; 2=not applicable						
c) If No, Main reason for change of variety (see codes below)						
d) Variety type: 1= local; 0=improved						
e) will there be enough seed from this source? 1=Yes; 0=No						
f) What quantity of seed (kg) will you plant from this source?						
g) Change in the quantity of seed from this source? 1=Yes; 0=No						
h) Reason for change in the quantity of seed (see code below)						
i) At what time did/will the seed be available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
j) Where will you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
k) How did/will you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
l) How is the current price or term of trade for seed? 1= affordable; 2= high; 3=very high (ask only those who did/will acquire seed by cash, on credit or bartered only)						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						
<b>Codes for Main reason for change of seed quantity if any</b>						
1= Lack of seed from same source; 2 = More seeds available from this source; 3 = Lack of resistance to pest; 4= Good resistance to pests; 5= Good performance of seeds;		6= Bad performance of seeds; 7=Received free seed; 8=Increase in seed prices; 9=Decrease in seed prices;		10=Lack of resistance to diseases; 11=Good resistance to diseases; 12= Lost seeds during storage 13= Others, (specify)..... .....		

6.1.5 Overall, if you consider the following seed sources; own production, local market, social network and agro-input dealers, will there be enough seed available for **crop A** during in the upcoming THIS YEAR?

- Yes (1)  No (0)

6.1.6 From which market will you buy your seed from this seed? **Note to the enumerators: (To be asked to those who indicated 'market')**

Market 1: \_\_\_\_\_

Market 2: \_\_\_\_\_

6.2 What was/were your source(s) of seed for the important **CROPB**(Code/Name.....) the LAST YEAR?

- Own seed                       Local Market  Soc. Network  
 Agro-input-Dealer            Seed aid                       Community seed business (CSB)

**Note to enumerator: Multiple responses possible**

6.2.1 Assess varietal suitability, availability, accessibility and quality of crop **B** seed from the source(s) indicated above.

Crop B(.....)LASTYEAR	Source(s) of seed LAST YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed aid <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety type: 1= local; 0=improved						
c) Was there enough seed from this source? Codes: 1=Yes; 0=No						
d) What quantity of seed (kg) did you plant from this source?						
e) At what time was the seed available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
f) Where did you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
g) How did you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
h) How was the price or term of trade? 1= affordable; 2= expensive ; 3=very expensive(ask only those who acquired by cash, on credit or bartered only)						
i) Was the seed clean? 1= clean (no impurities, no damage); 2= fairly clean (some impurities, no damage); 3=not clean (Some impurities & damage) <b>Note to enumerator: Damage refers to physical, pest infestation or both</b>						
j) How was the germination of the seed? 1= Good, 2=Fair; 3=Poor						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						

6.2.2 Overall, if you consider the following seed sources; own production, local market, social network and agro-input dealers, was there enough seed available for **crop Blast** Year?     Yes (1)             No (0)

6.2.3. This YEAR, where will you source seed of **CROP B** (.....)from?

- Own seed                       Local Market  Soc. Network  
 Agro-input-Dealer            Seed aid                       Community seed business (CSB)

Note to enumerator: Multiple responses possible

6.2.4 Assess availability and accessibility of crop B seed from this/these source(s). Assess variety type, growth, liking by the farmer only if the variety was not planted last season

Crop B(.....)THIS YEAR	Source(s) of seed THIS YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed ai <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety same as last season? 1= Yes; 0=No; 2=not applicable						
c) If No, Main reason for change of variety (see codes below)						
d) Variety type: 1= local; 0=improved						
e) will there be enough seed from this source? 1=Yes; 0=No						
f) What quantity of seed (kg) will you plant from this source?						
g) Change in the quantity of seed from this source? 1=Yes; 0=No						
h) Reason for change in the quantity of seed (see code below)						
i) At what time did/will the seed be available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
j) Where will you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
k) How did/will you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
l) How is the current price or term of trade for seed? 1= affordable; 2= high; 3=very high (ask only those who did/will acquire seed by cash, on credit or bartered only)						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						
<b>Codes for Main reason for change of seed quantity if any</b>						
1= Lack of seed from same source; 2 = More seeds available from this source; 3 = Lack of resistance to pest; 4= Good resistance to pests; 5= Good performance of seeds;		6= Bad performance of seeds; 7=Received free seed; 8=Increase in seed prices; 9=Decrease in seed prices;		10=Lack of resistance to diseases; 11=Good resistance to diseases; 12= Lost seeds during storage 13= Others, (specify)..... .....		

6.2.5 Overall, if you consider the following seed sources; own production, local market, social network and agro-input dealers, will there be enough seed available for **crop B** during in the upcoming seasons or this Year?

- Yes (1)                       No (0)

6.2.6 From which market will you buy your seed from? Note to the enumerators: (To be asked to those who indicated 'market')

Market 1: \_\_\_\_\_

Market 2: \_\_\_\_\_



6.3 What was/were your source(s) of seed for the important **CROPC**(.....) LAST YEAR?

- Own seed                                       Local Market  Soc. Network  
 Agro-input-Dealer                               Seed aid                                       Community seed business (CSB)

Note to enumerator: Multiple responses possible

6.3.1 Assess varietal suitability, availability, accessibility and quality of crop **C** seed from the source(s) indicated above.

Crop <b>C</b> (.....)LASTYEAR	Source(s) of seed LAST YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed aid <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety type: 1= local; 0=improved						
c) Was there enough seed from this source? Codes: 1=Yes; 0=No						
d) What quantity of seed (kg) did you plant from this source?						
e) At what time was the seed available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
f) Where did you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
g) How did you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
h) How was the price or term of trade? 1= affordable; 2= expensive ; 3=very expensive(ask only those who acquired by cash, on credit or bartered only)						
i) Was the seed clean? 1= clean (no impurities, no damage); 2= fairly clean (some impurities, no damage); 3=not clean (Some impurities & damage) Note to enumerator: Damage refers to physical, pest infestation or both						
j) How was the germination of the seed? 1= Good, 2=Fair; 3=Poor						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						

6.3.2 Overall, if you consider the following seed sources; own production, local market, social network and agro-input dealers, was there enough seed available for **crop C** last Year?

- Yes (1)                                       No (0)

6.3.3. THIS YEAR, where will you source seed of **CROPC** (Name/code.....) from?

- Own seed                                       Local Market  Soc. Network  
 Agro-input-Dealer                               Seed aid                                       Community seed business (CSB)

Note to enumerator: Multiple responses possible

6.3.4 Assess availability and accessibility of crop C seed from this/these source(s). Assess variety type, growth, liking by the farmer only if the variety was not planted last season

Crop C(.....)THIS YEAR	Source(s) of seed THIS YEAR					
	Own	Local market	Social Network	Agro-I-dealers	Seed ai <sup>(1)</sup>	CSB
a) Name of the Major variety						
b) Variety same as last season? 1= Yes; 0=No; 2=not applicable						
c) If No, Main reason for change of variety (see codes below)						
d) Variety type: 1= local; 0=improved						
e) will there be enough seed from this source? 1=Yes; 0=No						
f) What quantity of seed (kg) will you plant from this source?						
g) Change in the quantity of seed from this source? 1=Yes; 0=No						
h) Reason for change in the quantity of seed (see code below)						
i) At what time did/will the seed be available? 1=Before the planting season; 2= at start of the season; 3=mid-season; 4= towards the end of season						
j) Where will you collect the seed from? 1= within sub-county; 2=within the district; 3= another district.						
k) How did/will you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)						
l) How is the current price or term of trade for seed? 1= affordable; 2= high; 3=very high (ask only those who did/will acquire seed by cash, on credit or bartered only)						
Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.						
<b>Codes for Main reason for change of seed quantity if any</b>						
1= Lack of seed from same source; 2 = More seeds available from this source; 3 = Lack of resistance to pest; 4= Good resistance to pests; 5= Good performance of seeds;		6= Bad performance of seeds; 7=Received free seed; 8=Increase in seed prices; 9=Decrease in seed prices;		10=Lack of resistance to diseases; 11=Good resistance to diseases; 12= Lost seeds during storage 13= Others, (specify)..... .....		

6.3.5 Overall, if you consider the following seed sources; own production, local market, social network and agro-input dealers, will there be enough seed available for **crop C** this Year?  
Yes (1)                      No (0)

6.3.6 From which market will you buy your seed from? (asked to those who indicated 'market')

Market 1: \_\_\_\_\_ Market 2: \_\_\_\_\_

## Section 7: Seed Aid (AAP)

**Note to the enumerators:** All those who indicated seed aid as their source of seed (Section 6) already have information for last and current season- Just transfer the information from section 6. Others who have not indicated seed aid as source of seed in section 6 could still provide information on seed aid in the previous years (below the current year).

7.1 Have you ever received seed aid in the last five years?  Yes (1)  No (0)

7.2a If yes, how many times have you received seed aid in the last five years? \_\_\_\_\_

7.2b How did you access the seeds? (Multiple choice possible; code: Yes = (1) / No = (0))

Direct distribution  Seed fairs and voucher;  Voucher  
 Others (specify) \_\_\_\_\_

7.2c. On which terms have you been given the seed aid? (Multiple choice possible; code: Yes =(1) / No = (0))

Free  Cost sharing  Seed on Recovery  
 Others (specify) \_\_\_\_\_

7.2d. which organizations provided the seed (mention the organizations / institutions names)?

1: \_\_\_\_\_ 2: \_\_\_\_\_  
3: \_\_\_\_\_ 4: \_\_\_\_\_

7.3 Did you ever participate in identifying the crop and variety given to you?

No, I never participated (1);  Yes, but did not get what I/we asked for (2);  
 Yes, and given my choice (3)  \_\_\_\_\_

7.4 Did you ever receive a variety totally new to you?  Yes (1)  No (0)

7.6 If yes (7.4), were you provided information you needed on the variety?  Yes (1)  No (0)

7.7. Overall, what is your level of satisfaction with the seeds you were provided?

Very satisfied =1;  Satisfied (2);  Not satisfied (3);  Very unsatisfied (4)

7.8 Any comment about the seed aid in the area?

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*Thanks for all the information you have provided*