



FAO Standard Seed Security Assessment Household Survey (HHS)

Note

- a. Text highlighted in YELLOW to be modified or replaced after adapting the questionnaire to local context. Amend Excel Spreadsheet.
- b. Text in blue are note to the enumerators
- c. 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: _____
- Location** (to be modified based on the country's administrative units -biggest to lowest e.g. Kenya below)
- 1.4 Province: _____
- 1.5 County: _____
- 1.6 Sub-county: _____
- 1.7 Village: _____
- 1.8 Agro-ecological zone: _____

Codes: (to be added, as country specific)

Province:

County:

Sub-county:

Agro-ecological zone:

Section 2: Respondent Information

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

Section 3: Household Demographic and Livelihood Characteristics

3.1 Gender Head of household (HoH).

☐ Male (1)

☐ Female (0)

3.2 Residential status of the household (HH). **To be revised or omitted if there is no distinct category**

☐ Resident (1)

☐ Returnee (2)*

☐ Refugee (3)*

☐ IDP (4)*

3.3 For how long have you continually lived in this area? _____ Years **(Only for those with a * above)**

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 in Agricultural activities?.....

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? **(Add or remove animals where applicable)**

Type

Number

Type

Number

☐ Cattle

.....

☐ Sheep

.....

☐ Donkey

.....

☐ Poultry

.....

☐ Goat

.....

☐ Camel

.....

☐ Pigs

.....

Others – please specify the type and numbers below

☐ 1).....

.....

☐ 2).....

.....

3.8 What were your **Main** sources of income last season? **(Add or omit options below and revise corresponding codes)**

Income source

Income source

Income source

☐ Crop produce (1)

☐ Livestock sale (2)

☐ Fishing (3)

☐ On-farm daily labor (4)

☐ Livestock products (5)

☐ Hunting & gathering (6)

☐ Non on-farm daily labor (7)

☐ Remittances (8)

☐ Petty trade (9)

☐ Sale of charcoal/fuel wood (10)

☐ Salary (11)

☐ Pension (12)

☐ 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 credit?

☐ 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

.....

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 season? (Retain/add/remove crop(s) based on most likely one to be found in the target areas.)

Cereals	<input type="checkbox"/> Sorghum =1	<input type="checkbox"/> Maize=2	<input type="checkbox"/> Rice=3	
	<input type="checkbox"/> Finger millet =4	<input type="checkbox"/> bulrush (pearl) millet =5	<input type="checkbox"/> Wheat=6	<input type="checkbox"/> Teff = 7
Oilseed	<input type="checkbox"/> Groundnut=8	<input type="checkbox"/> Sesame=9	<input type="checkbox"/> Sunflower =10	
Pulses	<input type="checkbox"/> Beans=11	<input type="checkbox"/> Cowpea=12	<input type="checkbox"/> Green grams =13	
	<input type="checkbox"/> French beans = 14	<input type="checkbox"/> Pigeon peas = 15	<input type="checkbox"/> Soya = 16	<input type="checkbox"/> Dolicos = 17
RTB	<input type="checkbox"/> Cassava=18	<input type="checkbox"/> Sweet potato=19	<input type="checkbox"/> Potato=20	
	<input type="checkbox"/> Cocoyam = 21	<input type="checkbox"/> Yams = 22	<input type="checkbox"/> Banana =23	
Vegetables	<input type="checkbox"/> Local	<input type="checkbox"/> exotic		

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 commercial, 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 season? (Last season to be customized by months and 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 Main use of the crop? 1= food; 2= income; 3=fodder			
c) What area (acre) did you plant during the last season?			
d) Land preparation method: 1= <i>Slash and burn</i> ; 2= <i>Zero 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=intercrop; 0=sole crop			
h) Did you apply inorganic fertilizer? 1=Yes, 0=No			
i) Did you use organic fertilizer? 1=Yes, 0=No			
j) If yes, what type of manure? 1=compost; 2= animal; 3=others (specify).....			
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=Excellent; 2=Good; 3=Fair; 4=Poor			
Crop code: Crop codes in 5.1 could be added here.			

5.4 Of the above (mentioned) crops, which ones will you plant during this upcoming season? (Upcoming season to be customized by months and 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 area (acre) planted or expected to be planted?			
c) Quantity of seed expected to be planted (kg)? (convert the local unit into kg)			
d) Change in Main crop (s): 1=Yes 0=No (observe this from the responses)			
e) Main reason for change in main crops if any (see codes below)			
f) Change in area to be planted: 1= Yes; 0=No (observe this from the responses)			
g) Main reason for change of area if yes (see codes below)			
h) Change seed quantity be used: 1= Yes; 0=No (observe this from the responses)			

i) Main reason for change in quantity of seed (see codes below)			
Codes for Main reason for change (Note to the enumerators: only one to be identified)			
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=Others (specify).....	

6.0 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 **CROP A**? In the last season (Last season to be customized by months and year) (Code or name)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

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.

Crop A (.....) Last Season	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
a) Name of the Major variety					
b) Variety type: 1= local; 0=improved					
c) Was there enough seed from this source? 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= in this village; 2=neighboring district; 3= far away 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					
(1) 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 all possible seed sources, was there enough seed available for **crop A** during last season? (Last season to be customized by months and year) ☐ Yes (1) ☐ No (0)

6.1.3. In the **UPCOMING (NEXT) OR THIS SEASON**, where will (have) you source seed of **CROP A** (.....) from? (Upcoming or this season to be customized by months and year)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

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 season**

Crop A (.....) NEXT SEASON	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
a) Name of the Major variety					
b) Variety same as last season? 1= Yes; 0=No					
c) If No, Main reason for change of variety (see codes below)					
d) Variety type: 1= local; 0=improved					
e) Is there enough seed from this source? 1=Yes; 0=No					
f) What quantity of seed (kg) did/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 did/will you collect the seed from? 1= in this village; 2= neighboring district; 3= far away 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)					
(2) Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.					
Codes for Main reason for change of seed quantity if any					
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 all possible seed sources, will there be enough seed available for **crop A** during in the upcoming or this season? (Upcoming/this season to be customized by months and year) ☐ Yes (1) ☐ No (0)

6.1.6 From which market did/will you buy your seed from? **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 **CROP B**? In the lasts season (Last season to be customized by months and year) (Code or name)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

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 (.....) Last Season	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
k) Name of the Major variety					
l) Variety type: 1= local; 0=improved					
m) Was there enough seed from this source? 1=Yes; 0=No					
n) What quantity of seed (kg) did you plant from this source?					
o) 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					
p) Where did you collect the seed from? 1= in this village; 2=neighboring district; 3= far away district.					
q) How did you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)					
r) 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)					
s) 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					
t) How was the germination of the seed? 1= Good, 2=Fair; 3=Poor					
(3) 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 all possible seed sources, was there enough seed available for **crop B** during last season? (Last season to be customized by months and year) ☐ Yes (1) ☐ No (0)

6.2.3. In the **UPCOMING (NEXT) OR THIS SEASON**, where will (have) you source seed of **CROP B** (.....) from? (Upcoming or this season to be customized by months and year)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

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 (.....) NEXT SEASON	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
m) Name of the Major variety					
n) Variety same as last season? 1= Yes; 0=No					
o) If No, Main reason for change of variety (see codes below)					
p) Variety type: 1= local; 0=improved					
q) Is there enough seed from this source? 1=Yes; 0=No					
r) What quantity of seed (kg) did/will you plant from this source?					
s) Change in the quantity of seed from this source? 1=Yes; 0=No					
t) Reason for change in the quantity of seed (see code below)					
u) 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					
v) Where did/will you collect the seed from? 1= in this village; 2= neighboring district; 3= far away district.					
w) How did/will you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)					
x) 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)					
(4) Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.					
Codes for Main reason for change of seed quantity if any					
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 all possible seed sources, will there be enough seed available for **crop B** during in the upcoming or this season? (Upcoming/this season to be customized by months and year) ☐ Yes (1) ☐ No (0)

6.2.6 From which market did/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 **CROP C**? In the lasts season (Last season to be customized by months and year) (Code or name)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

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 C (.....) Last Season	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
u) Name of the Major variety					
v) Variety type: 1= local; 0=improved					
w) Was there enough seed from this source? 1=Yes; 0=No					
x) What quantity of seed (kg) did you plant from this source?					
y) 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					
z) Where did you collect the seed from? 1= in this village; 2=neighboring district; 3= far away district.					
aa) How did you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)					
bb) 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)					
cc) 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					
dd) How was the germination of the seed? 1= Good, 2=Fair; 3=Poor					
(5) 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 all possible seed sources, was there enough seed available for **crop C** during last season? (Last season to be customized by months and year) ☐ Yes (1) ☐ No (0)

6.3.3. In the **UPCOMING (NEXT) OR THIS SEASON**, where will (have) you source seed of **CROP C** (.....) from? (Upcoming or this season to be customized by months and year)

☐ Own seed ☐ Local Market ☐ Soc. Network ☐ Agro-input-Dealer ☐ Seed aid

Note to enumerator: Multiple responses possible

6.3.4 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 C (.....) NEXT SEASON	Source(s) of seed LAST SEASON				
	Own	Local market	Social Network	Agro-vet	Seed aid ⁽¹⁾
y) Name of the Major variety					
z) Variety same as last season? 1= Yes; 0=No					
aa) If No, Main reason for change of variety (see codes below)					
bb) Variety type: 1= local; 0=improved					
cc) Is there enough seed from this source? 1=Yes; 0=No					
dd) What quantity of seed (kg) did/will you plant from this source?					
ee) Change in the quantity of seed from this source? 1=Yes; 0=No					
ff) Reason for change in the quantity of seed (see code below)					
gg) 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					
hh) Where did/will you collect the seed from? 1= in this village; 2= neighboring district; 3= far away district.					
ii) How did/will you acquire the seed? 1= Cash; 2= On credit; 3= bartered; 4=free (gift)					
jj) 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)					
(6) Seed Aid: Please indicate name of organization who provided seed aid e.g. FAO, Action Aid, Concern etc.					
Codes for Main reason for change of seed quantity if any					
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 all possible seed sources, will there be enough seed available for **crop C** during in the upcoming or this season? (Upcoming/this season to be customized by months and year) ☐ Yes (1) ☐ No (0)

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

Market 1: _____

Market 2: _____

7.0 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
- 7.2c On which terms have you been given the seed aid? (Multiple choice possible; code: Yes =(1) / No = (0))
☐ Free ☐ Cost sharing ☐ Seed Recovery ☐ Others (specify) _____
- 7.2d Which organization provided the seed (mention the organizations / institutions names)?
1: _____ 2: _____ 3: _____ 4: _____ 5: _____
- 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 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 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)

Thanks for all the information you have provided