

2. What is your age? (age of person in charge of the coffee, estimate if necessary) _____ [q2]

3. List, in order of importance, three crops that are most important for income and also for consumption.

1- Beans	14- Igname	Income	1st	_____ [q3a1]
2- Peas	21- Bananas, cooking		2nd	_____ [q3a2]
3- Peanuts	22- Bananas, beer		3rd	_____ [q3a3]
4- Soya	23- Bananas, dessert	Consumption	1st	_____ [q3b1]
5- Sorghum	30- Coffee		2nd	_____ [q3b2]
6- Maize	32- Tea		3rd	_____ [q3b3]
7- Wheat	60- Vegetables			
8- Millet	85- Fodder crops			
9- Rice	98- Other: _____			
10- Cassava	_____			
11- Irish potatoes				
12- Sweet potatoes				
13- Colocase				

4. What is the number and age of your coffee trees (begin with the oldest trees).

A. Age of trees (years)	B. Number	C. In Production? 1= Yes 2 = No
_____ [q4a1]	_____ [q4b1]	_____ [q4c1]
_____ [q4a2]	_____ [q4b2]	_____ [q4c2]
_____ [q4a3]	_____ [q4b3]	_____ [q4c3]
_____ [q4a4]	_____ [q4b4]	_____ [q4c4]

Total number of trees _____ [q4b] (9999 - Do not know number)
--

D. What variety of coffee do you grow? _____ [q4d]

- 1- Arabica only
- 2- Robusta only
- 3- Both arabica and robusta
- 4- Do not know
- 98- Other _____

5. A. Have you planted any new coffee trees in the past six years? [q5a]

- 1- Yes
- 2- No (go to Q6)

B. Where did you get the seedlings (the majority of the seedlings) ____ [q5b]
(circle only one code)

1- Nursery of OCIR, MINAGRI, commune, sector, project

2- Nursery of cooperative

3- Grew them by myself

4- Collected them from the field (wild)

98- Other: _____

C. What is the spacing in your coffee plantation?
(Use the spacing of the most recent planting)

999 - Do not know | _____ | [q5c1] meters by | _____ | [q5c2] meters

6. A. Do you prune your coffee (gukata) (inclure la taille d'entretien)? ____ [q6a]

1- Yes (**go to Q6c**)

2- No

B. Are there any reasons that don't allow you to prune? ____ [q6b]
(circle only one code)

1- Shortage of labour

2- Loss of income due to loss of cherries

3- No particular reason

4- Trees are still too young

98- Other: _____

(Go to Q7)

C. How often do you prune the same tree?

Number of times per
year

i. Pruning (gukata) | _____ | [q6ci]

ii. Egourmandage | _____ | [q6cii]

95- Less than one month per year

96- Whenever I pass through the
plantation

7. A. Do you weed your coffee (weeding whole plantation)? ____ [q7a]

1- Yes

2- Non (**go to Q8**)

B. How many times per year do you weed your coffee (weeding whole plantation)?

999 - Do not know | _____ | [q7b]

8. Do you use mulch in your coffee plantation? _____ [q8]

1- Yes

2- No (**go to Q12**)

9. In order of importance, which types of products do you use for mulching and where do you get them?

Products:

- 1- Banana leaves or stems
- 2- Sorghum or maize stalks
- 3- Pennisetum grass/urukangaga
- 4- Papyrus reeds? Ishinge (Eragrotis)
- 5- Leaves/products from the forest
- 6- Grass grown specifically for mulching
- 98- Other: _____

Products:

- 1st |_____| [q9a1]
2nd |_____| [q9a2]
3rd |_____| [q9a3]

Source:

- 1- Collected from own farm
- 2- Collected elsewhere without buying
- 3- Collected from own farm and elsewhere without paying
- 4- Bought all
- 5- Collected some without buying and bought others
- 98- Other: _____

Source:

- 1st |_____| [q9b1]
2nd |_____| [q9b2]
3rd |_____| [q9b3]

10. Did you use manure or compost on your coffee trees: —>

- 1 - Yes —> A. During planting |_____| [q10a]
2 - No —> B. On trees in place (if yes **go to Q12**) |_____| [q10b]

11. Is there a specific reason why you did not use dung or compost on trees already in place? (circle only one code) _____ [q11]

- 1- I don't have animals / dung
- 2-
- 3- The soil is fertile enough
- 4- The mulch is enough and acts as compost
- 5- The dung or compost
- 6- I didn't know ...
- 7- The dung favors pests
- 98- Other: _____

12. Did you use chemical fertilizers on your coffee trees?:—> _____ [q12]

- 1- Yes (go to Q14)
- 2- No

13. Is there a specific reason why you did not use chemical fertilizers in your plantation? (circle only one code)? _____ [q13]

- 1- Fertilizers are not available in this region
- 2- Lack of money/cash to buy fertilizers
- 3- The soil is fertile enough
- 4- The mulch is enough and acts as fertilizer
- 5- Not profitable on coffee
- 6- I don't know about chemical fertilizers
- 7- Makes the crop vegetate too much resulting in losses??
- 98- Other: _____

14. Do you use pesticides on your coffee trees? _____[q14]

- 1- Yes (go to Q16)
- 2- No

15. Is there a specific reason why you don't use pesticides? _____[q15]

- 1- I don't have information on their use/don't know them
- 2- Not available in this region
- 3- No money/cash
- 98- Other: _____

(Go to Q21)

16 What distance do you have to travel to obtain the pesticides?

Minutes of walking (one way only) Minutes |_____| [q16]

17. Are the pesticides then available:-->

- 1- Yes ----> When needed? |_____| [q17a]
- 2- No, never ----> Available in sufficient quantities? |_____| [q17b]
- 3- No, not always
- 999 - Do not know

18. How do you normally treat your coffee for pesticides (The two most important ways)

1- With a cloth containing pesticides	
2- With a sack that has a hole	
3- With a personal machine for applying pesticides (powder form)	
4- With a communal machine for applying pesticides (powder form)	1st _____ [q18a]
5- With a sprayer	2nd _____ [q18b]
6- By vehicle/equipment of OCIR	
7- By hand	
98- Other: _____	

19 A. How many times per year do you treat your coffee trees and during which months?
(For a tree)?

Number of treatments per year |_____| [q19]

Month of treatment |_____| [q19a1] |_____| [q19a2] |_____| [q19a3] |_____| [q19a4] |_____| [q19a5]

999 - Do not know

B. In your opinion what is the effect of the pesticide? (circle only one code) _____[q19b]

- 1- Very good
- 2- Good in general
- 3- OK
- 4- Not effective due to the resistance of insects
- 5- Not effective due to the method or timing of application
- 98- Other: _____

C. Would you like to treat or use pesticides on your coffee trees? _____ [q19c]

1- Yes

2- No (**go to Q20**)

3- No, but we have to improve current methods

(**Go to Q20**)

D. Are you ready to pay if the price for treatment is 2 francs/tree,

Meaning Frw _____ for all your trees?---->

1- Yes ---> i. Pay cash? | _____ | [q19d1]

2- No (**If yes go to Q20**)

3- To consider ---> ii. On coffee credit whatever the amount | _____ | [q19d2]

20. Last year did you use coffee pesticides on other crops? _____ [q20]

1- Yes

2- No

*** (N.B. If the farmer has coffee trees that are less than 3 years old **go to Q37**)

21. How much time passes between picking the berries and depulping/washing them? _____ [q21]

1- The same day

2- The next day

3- Part of it is done the same day and the other part the following day

4- Part of it the next day and the other part two days after

98- Other: _____

22. What method do you use to depulp most of your coffee after harvesting? _____ [q22]
(circle only one code)?

1- Depulp using a stone (**go to Q26**)

2- Sell the cherries to a washing station of OCIR (Nkore et Masaka), (**go to Q25 and then Q28**)

3- Sell cherries elsewhere (**go to Q25 then Q28**)

4- Depulp using my own depulping machine at home

5- Depulp using machines of other people who move around from house to house

6- Depulp at a depulping centre of OCIR, MINAGRI, commune

7- Depulp with a depulping machine elsewhere

98- Other: _____

23. What type of depulping machine do you use for most of your coffee? _____ [q23]
(circle only one code)?

1- Locally made machine

2- Industrially made machine

98-Other: _____

24. How much do you pay for depulping?

A. Amount paid in Frw per sack of cherries Frw |_____| [q24a]

B. Amount paid communally for the maintenance of the depulping machine or other equipment Frw |_____| [q24b]

(N.B. if he pays in kind calculate the value in Frw)

25. What is the distance of the depulping machine from your home?

Minutes of walking (one way only) Minutes |_____| [q25]

26. What do you do with the parchment coffee immediately after depulping? _____ [q26]

1- Dry it (go to Q28)

2- Leave it for some time in a container:----> -----> rusty |_____| [q26a]

1- Yes -----> with water |_____| [q26b]

2- No

3- Leave in a basket or sack

98- Other:_____

27. How long do you leave it in that state? _____ [q27]

1- For only one night

2- For 24 hours

98- Other:_____

28. How do you dry your coffee?

A. Time under the sun (circle only one code): _____ [q28a]

1- Leave it under the sun intermittently in the beginning

2- Leave it under the sun intermittently after one day or more

3- Leave it under the sun until it dries

98- Other:_____

B. Drying surface/material (by order of importance):

1- Drying net/mesh

2- Concrete surface

3- Ikidasesa or coffee drying mat

4- Other ikidasesa or mat

1st |_____| [q28b1]

5- Iron sheet

6- On the ground

2nd |_____| [q28b2]

7- On a sack

98- Other:_____

C. Height of drying surface (Circle only one code, the most important): _____ [q28c]

1- Raised

2- On the ground

3- We use both methods

29. A. Have you pruned your trees for regeneration (Gusazura)? _____ [q29]

- 1- Yes
- 2- No

30. A. What did you do with the coffee harvested in the off-season (2001) (circle only one code)? _____ [q30a]

- 1- Stored it until the official selling season
- 2- No harvest in the off-season
- 3- Sold it to traders at the price of |_____| Frw/kilo _____[q30a1]
- 98- Other: _____

B. Quantity sold in kilos |_____| _____[q30b]

31. How much coffee did you produce, including the small quantities sold?
(In kilos of cherries or parchment coffee)

A. Year	B. Trees in production (Number)	C. Coffee cherries Production (Kg.)	D. Coffee parchment Production (Kg.)	E. Coffee discarded (Not sold) (Kg.)
2002 (forecast)	_____ [q31b02]	_____ [q31c02]	_____ [q31d02]	_____ [q31e02]
2001	_____ [q31b01]	_____ [q31c01]	_____ [q31d01]	_____ [q31e01]
2000	_____ [q31b00]	_____ [q31c00]	_____ [q31d00]	_____ [q31e00]

9999 - Do not know

Note: If the production does not correspond with the number of trees for a given year ask questions to clarify/correct the anomaly.

32. How much money did you make from coffee last year (2000)?

999999 - do not know Total amount received |_____| [q32]

33. If the amount does not correspond to kgs. produced 2001 x 200, ask why, the principal reason? (circle only one code) _____ [q33]

- 1- The weight of the sack was not exactly 50 kilos
- 2- He sold too early while the price was below 200 Frw
- 3- The trader penalised him on the price because of the low quality of coffee
- 4- The trader cheated him on the price
- 5- The trader told him that the price in Kigali is down
- 6- The trader cheated him on the weight
- 7- The farmer got mixed up in answering the questions
- 8- He has not yet sold all his coffee
- 98- Other: _____

34. A. Did the trader cheat you on kilos? _____ [q34a]

1- Yes

2- No (go to Q35)

(If yes, verify that the kg which were reduced are the ones reported in Q31)

B. How many kilos did he cheat you out of?

999 - Do not know

Total kilos reduced | _____ | [q34b]

C. What was his reason? _____ [q34c]

1- Low quality - true

2- Bad quality - not true

3- Took advantage of limited market opportunities

4- To repay a debt

5- He did not give a reason

98- Other: _____

35. A. Have you ever taken credit (money or goods) to be repaid back by coffee?

1- Yes

_____ [q35a]

2- No (go to Q36)

B. When was the last time you did this?

Year | _____ | [q35b]

C. Did he give you the official price for the correct quantity when you sold him the coffee?

_____ [q35c]

1- Yes

2- No, he penalised me | _____ | Frw per kilo because of the credit [q35c2]

3- No, he reduced | _____ | kilos of coffee because of the credit [q35c3]

4- No, he penalised me on the price and the quantity because of the credit (fill in no. 2 and 3).

5- No, but not due to the credit.

98- Other: _____

36. A. Whom did you sell your coffee to last year (2001)?

1- Licensed roving trader

2- Licensed trader with a fixed store

3- Un-licensed trader roving trader

4- Un-licensed trader with fixed store

5- Rwandex

6- To a cooperative

7- To an OCIR washing station (cherries)

98- Other: _____

I owed them
money?

(1=yes
2=No)

Price
Received
per Kilo

Buyer

Kilos
sold

_[q36a1]

[q36b1]

_[q36c1]

_[q36d1]

_[q36a2]

[q36b2]

_[q36c2]

_[q36d2]

_[q36c3]

[q36c3]

_[q36c3]

_[q36d3]

37. If there was a system to control the quality where the price reduced if the quality was low, would you be willing to control the quality of your coffee if the price of good quality coffee was 200 Frw/kilo as opposed to 200 Frw/kilo for medium quality coffee?

_____ [q37]

1- Yes

2- No

38. What price of coffee would correctly compensate your input on coffee activities?

Frw/kilo | _____ | [q38]

39. A. If you had the choice to do whatever you wanted to do with your coffee trees what coffee price would make you abandon your coffee?

Frw/kilo | _____ | [q39a]

995 - I would wait for the price to raise (therefore, no low price)

997 - Fears the authorities to say anything (doesn't say anything)

999 - Do not know

B. What coffee price will make you uproot your coffee trees?

Frw/kilo | _____ | [q39b]

995 - No price

997 - Fears the authorities to say anything (doesn't say anything)

999 - Do not know

40. What price will make you increase the number of trees?

Frw/kilo | _____ | [q40]

995 - No high price (impossible or doesn't want to increase)

998 - Does not want to say

999 - Do not know

41. What do you plan to do with your coffee in the near future (from now to 2003)?
(Circle only one code)?

1- Replace it with another crop such as (by order of importance)

| _____ | [q4111] | _____ | [q4112]

2- Maintain the same area under coffee but practice mixed cropping with other crops such as
(in order of importance)

| _____ | [q4121] | _____ | [q4122]

3- Reduce the area under coffee at the expense of crops such as (in order of importance),

| _____ | [q4131] | _____ | [q4132]

4- Maintain the same area under coffee (**go to Q43**)

5- Increase the number of trees, 200 Frw per Kg is good for me

98- Other: _____

Crop Codes

1- Beans

2- Peas

3- Peanuts

4- Soya

5- Sorghum

60- Vegetables

6- Maize

7- Wheat

8- Rice

10- Cassava

11- Irish potatoes

85- Fodder crops

12- Sweet potatoes

13- Colocase

20- Bananas

30- Coffee

32- Tea

98- Other: _____

42. Is there a specific reason for these intentions (circle only one code)? _____[q42]

- 1- Coffee does not give enough income, price too low
- 2- No, no particular reason
- 3- Coffee is not productive in this region
- 4- There isn't enough land for coffee / it's reserved for the food crops
- 5- Growing coffee is too demanding/complicated
- 6- Growing coffee is not interesting
- (Reason:_____)
- 9- Shortage of labour for coffee growing
- 10- Coffee gives more income when it's grown by itself (pure stand)
- 11- Mixed cropping gives more income
- 13- Shortage of food
- 14- Fear of authorities
- 15- Too old to do otherwise

98- Other: _____

(To ask only if they have coffee trees over 30 years old)

43. After all these questions what are your recommendations for improving coffee?

- 1- Standardise the quality of coffee by traders
- 2- Control better the activities of traders with respect to price
- 3- Provide fertilizers
- 4- Provide / improve pesticides
- 5- Provide tools for applying pesticides
- 6- Provide tools for pruning
- 7- Provide washing stations or place them nearer
- 8- Provide drying mats
- 9- Provide spraying pesticides
- 10- Replace mulching material that is currently very expensive
- 11- Replace mulching material that brings pests for coffee
- 12- Avoid price drops / increase the price
- 13- Improve the quality / period of pesticide treatment of OCIR
- 14- Improve the quality / provide serious extension agents
- 15- Provide stores for buying inputs and selling coffee
- 16- Evaluate better whether it's necessary to keep the coffee
- 17- Resolve the disease problem
- 18- _____

1st | _____ | [q431]

2nd | _____ | [q432]

3rd | _____ | [q433]

4th | _____ | [q434]

Special notes: (Indicate the number of the question)