

**MINISTÉRIO DE AGRICULTURA**  
**DIRECÇÃO DE ECONOMIA AGRÁRIA**

**Socio-Economic Survey of Family Sector Farms  
in the Province of Nampula**

**(Angoche, Monapo e Ribaúe)**

July/August 1991

Departamento de Preços e Mercados  
Food Security Project

Name of Household Head \_\_\_\_\_

Household Number \_\_\_\_\_

Aldeia \_\_\_\_\_

Distrito \_\_\_\_\_

Date of Interview \_\_\_\_\_

Name of Enumerator \_\_\_\_\_

Observations:

**I. HOUSEHOLD CHARACTERISTICS**

H1 \_\_\_\_\_ 1. How many persons are in this household?

We would like to ask a few questions about these people.

**Table IA: Household Characteristics**

Name	Family Member Number	This person works on-farm or off-farm 1=yes 2=no	Relation to Head 1=head 2=spouse 3=child 4=parent 5=other kin 6=other	Age	Sex 1=m 2=f	Level of Schooling (enter the last completed year) 0=illiterate 12=post-high school 98=no formal schooling but literate	Marital Status 1=monogamous 2=polygamous 3=single 4=widowed 5=divorced 6=emigrant wife (husband out longer than six months)
	MEM	CA1	CA2	CA3	CA4	CA5	CA6
	1		Head				
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						

- H2** \_\_\_\_\_ 2. Which family member was interviewed?  
(family member number - Table IA)
- H3** \_\_\_\_\_ 3. If male household head, how many wives do you have now?
- H4** \_\_\_\_\_ 4. Has your family always lived in this village?  
  
1=yes --> question 13  
2=no --> question 5
- H5** \_\_\_\_\_ 5. What year did you and your family arrive in this village?
- H6** \_\_\_\_\_ 6. Where did you live before here?  
  
\_\_\_\_\_  
district and province (post-code)
- H7** \_\_\_\_\_ 7. Why did you move to this village (principal motive)?  
  
1=opportunity to improve life  
2=war  
3=conflicts in previous village  
4=establishment of communal villages  
5=employment  
6=other \_\_\_\_\_
- H8** \_\_\_\_\_ 8. Is your family registered as "deslocada"?  
  
1=yes  
2=no
- H9** \_\_\_\_\_ 9. Upon arrival what kind of difficulties do you encounter in obtaining land?  
  
\_\_\_\_\_  
  
\_\_\_\_\_  
(post-code)
- H10** \_\_\_\_\_ 10. Do you cultivate more land here compared to your native village?  
1=yes, more land  
2=no, less land  
3=same amount of land
- H11** \_\_\_\_\_ 11. Do you have title to land in your native village?  
1=yes  
2=no
- H12** \_\_\_\_\_ 12. If the war ends, will you continue to live here?  
1=yes  
2=will return to native village  
3=will go to another village  
4=other
-

ALD \_\_\_\_ HH \_\_\_\_

H13 \_\_\_\_ 13. Are there persons who are part of this family but currently do not live here?

1=yes-->Table IB.

2=no-->Table IIA.

We would like to ask some questions these household members not here:

**Table IB: Non-resident Household Members**

First Name	Family Member Number	Relation to head	Age	Sex	Level of Schooling	Employment	Remittances since last year's harvest	Total value of the remittances	How often does this person return?	Se returns annually, during which period?	Did this person work on the farm during the last campaign	No. of days the person worked
		2=spouse 3=child 4=parent 5=other kin 6=other		1=M 2=F	(enter last completed year) 0=illiterate 12=post-high school 98=no formal school, but literate	1=other farms 2=factory 3=civil service 4=commerce 5=military 6=skilled labor 7=unemployed	1=none 2=money 3=kind 4=both	(estimate in meticais)	1=never 2=annually 3=once in a while	1=land preparation/planting 2=hungry period 3=harvest	1=yes 2=no	(number of days)
	MEM	CB1	CB2	CB3	CB4	CB5	CB6	CB7	CB8	CB9	CB10	CB11
	20											
	21											
	22											
	24											
	25											
	26											
	27											

H14 \_\_\_\_ 14. Do you think these family members would like to return to the household?

1=yes

2=no

ALD \_\_\_\_ HH \_\_\_\_

H15 \_\_\_\_ 15. Under what circumstances would they return?

(post-code)

II. **LABOR** Could you tell us about the kinds of agricultural or domestic tasks each member of the the household normally participates in?

**Table IIA. Family Labor in Agricultural and Domestic Tasks**

First Name	Number of family member	Clearing 1=yes 2=no	Land preparation 1=yes 2=no	Planting 1=yes 2=no	Weeding 1=yes 2=no	Hārvest 1=yes 2=no	Food preparation 1=yes 2=no	Gathering fuelwood 1=yes 2=no	Gathering water 1=yes 2=no	Animal care 1=yes 2=no	Sales of agricultural products 1=yes 2=no	Child care 1=yes 2=no
	MEM	TA1	TA2	TA3	TA4	TA5	TA6	TA7	TA8	TA9	TA10	TA11

H16 \_\_\_\_ 16. Since the beginning of the present campaign (August 1990) has any household member worked off-farm?

1=yes --> Table IIB      2=no --> question 17







**ALD** \_\_\_\_\_ **HH** \_\_\_\_\_

**H19** \_\_\_\_\_ 19. Do you presently have lands in fallow?

1=yes --> question 20  
2=no --> question 24

**H20** \_\_\_\_\_ 20. How many fallowed parcels?  
(number)

**H21** \_\_\_\_\_ 21. What is the total area of these fallowed parcels? (hectares)

**H22** \_\_\_\_\_ 22. How many years does this land remain in fallow? (number)

**H23** \_\_\_\_\_ 23. Did you ever have fallowed lands occupied by someone else against your wishes?

1=yes  
2=no

**H24** \_\_\_\_\_ 24. Do you have lands that you have completely abandoned?

1=yes --> question 25  
2=no --> question 27

**H25** \_\_\_\_\_ 25. What is the total area of these abandoned lands? (hectares)

**H26** \_\_\_\_\_ 26. What was the principal motive for abandoning these lands?

1=no security  
2=lands lost fertility  
3=lack of labor  
4=insect attacks  
5=other

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**H27** \_\_\_\_\_ 27. In your opinion, would there be enough land for everyone here in the village if there were no war? Please explain.

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**[We would like to ask you about the food crops you grow.]**

**H29** \_\_\_\_\_ 29. Over the last five years, have you increased or decreased the amount of land in food crops?

1=increased --> question 30  
2=decreased --> question 30  
3=no change --> question 30A

H30 \_\_\_\_\_ 30. Why did you decide to change the amount of land in food crops?

\_\_\_\_\_  
\_\_\_\_\_  
(post-code)

H30A \_\_\_\_\_ 30A. Are you informed about the minimum price policy for corn and other crops during the last campaign?

1=yes  
2=no

H30B \_\_\_\_\_ 30B. If the price of corn were to increase, would you grow more?

1=yes --> 30D  
2=no --> 30C

H30C \_\_\_\_\_ 30C. If not, why?

\_\_\_\_\_  
(post-code)

H30D \_\_\_\_\_ 30D. If so, how would you grow more corn?

\_\_\_\_\_  
\_\_\_\_\_

H31 \_\_\_\_\_ 31. During a normal year, is your farm production sufficient to feed your entire family?

1=yes --> question 34  
2=no --> question 32

H32 \_\_\_\_\_ 32. If not, why can't you produce a sufficient amount?

1=lack of labor  
2=security problem  
3=poor quality land  
4=lack of land generally  
5=preference for cash crops  
6=no storage capacity  
7=other  
\_\_\_\_\_

H33 \_\_\_\_\_ 33. If on-farm production is not sufficient, how much more land would you need to achieve self-sufficiency? (hectares)

**[We would like to ask you about the cash crops you grow on your farm?]**

H34 \_\_\_\_\_ 34. Do you grow any crops that are principally destined for the market?

1=yes --> question H35  
2=no --> Table IV

35. Which crops are grow principally to be sold?  
(List the three most important)

H35A \_\_\_\_\_

H35B \_\_\_\_\_

1=cotton

4=sunflower

2=peanuts

5=rice

H35C \_\_\_\_\_

3=sesame

6=other \_\_\_\_\_

H36 \_\_\_\_\_

36. Over the last five years, have you changed the area grown in these cash crops?

1=increased

2=decreased

3=no change--> question 38

H37 \_\_\_\_\_

37. If you changed the area, for what reason?

\_\_\_\_\_

\_\_\_\_\_

(post-code)

H38 \_\_\_\_\_

38. If you were to increase the land grown in cash crops, how would find the necessary labor to do it?

1=resident family labor

2=non-resident family labor

3=wage labor

4=other \_\_\_\_\_

H39 \_\_\_\_\_

39. Do you normally grow cotton?

1=yes -->question 41

2=no -->question 40

H40 \_\_\_\_\_

40. Why do you not grow cotton?

1=insufficient land

2=inappropriate lands

3=insufficient labor

4=no experience/no interest

5=not economically attractive

6=other

\_\_\_\_\_  
[-- > Table IV]

H41 \_\_\_\_\_ 41. Who in the household is responsible for the cotton fields?

- 1=husband
- 2=wife
- 3=children
- 4=other \_\_\_\_\_

H42 \_\_\_\_\_ 42. When do you know what price will be offered for your cotton?

- 1=before planting
- 2=before harvest
- 3=at the time of sale

H43 \_\_\_\_\_ 43. If the price of cotton were to increase, would you grow more?

- 1=yes --> question 45
- 2=no --> question 44

H44 \_\_\_\_\_ 44. If no, why?

\_\_\_\_\_

(post-code)

H45 \_\_\_\_\_ 45. Do you prefer to grow and sell cotton to obtain the income to purchase food for the household rather than grow your own food?

- 1=yes
- 2=no

H46 \_\_\_\_\_ 46. Why?

\_\_\_\_\_

H47 \_\_\_\_\_ 47. Are you registered with a cotton company?

- 1=yes --> question 49
- 2=no --> question 48

H48 \_\_\_\_\_ 48. If no, why?

\_\_\_\_\_

\_\_\_\_\_

(post-code) --> Table IV

H49 \_\_\_\_\_ 49. If yes, for how many years have you been registered?  
(number de years)

50. What inputs do you received from the company:

- |            |                |       |      |
|------------|----------------|-------|------|
| H50A _____ | a. Seeds       | 1=yes | 2=no |
| H50B _____ | b. Pesticides  | 1=yes | 2=no |
| H50C _____ | c. Fertilizers | 1=yes | 2=no |
| H50D _____ | d. Tools       | 1=yes | 2=no |

H51 \_\_\_\_\_ 51. Do you receive technical assistance on foods crops from the cotton extensionists?  
Explicar.

\_\_\_\_\_

\_\_\_\_\_ (post-code)

H52 \_\_\_\_\_ 52. Since your involvement with the cotton companies, have you reduced your area dedicated to food crops, such as maize and manioc?

1=yes -->question 53

2=no -->question 54

H53 \_\_\_\_\_ 53. If you reduced the food crop area, why?

\_\_\_\_\_

\_\_\_\_\_

H54 \_\_\_\_\_ 54. What are the principal advantages of participation in the company cotton program?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (post-code)

H55 \_\_\_\_\_ 55. What are the principal disadvantages of such participation?

\_\_\_\_\_

\_\_\_\_\_ (post-code)



**H56** \_\_\_\_\_ 56. Do you have cashew trees?

1=yes --> question 57  
2=no --> question 62

**H57** \_\_\_\_\_ 57. How many trees do you presently have?  
(number)

**H57A** \_\_\_\_\_ 57A. Of these trees, from how many did you harvest during the last year?  
(number)

**H58** \_\_\_\_\_ 58. Over the last five years have you harvested the same number of trees?

1=yes  
2=no

**H59** \_\_\_\_\_ 59. Do you care for these trees every year?

1=yes --> question 61  
2=no --> question 60

**H60** \_\_\_\_\_ 60. If not, why?

1=price of the nut is too low  
2=insufficient labor  
3=trees don't need care  
4=security problems  
5=other

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**H61** \_\_\_\_\_ 61. Do you produce cashew drink in your home?

1=yes  
2=no

**H62** \_\_\_\_\_ 62. Do you have coconut trees?

1=yes --> question 63  
2=no --> Table V

**H63** \_\_\_\_\_ 63. How many coconut trees do you presently have? (number)



64. Over the last five years, have you increased the quantities marketed of the following crops:

<b>H64A</b> _____	a. maize	1=yes	2=no
<b>H64B</b> _____	b. manioc	1=yes	2=no
<b>H64C</b> _____	c. rice	1=yes	2=no
<b>H64D</b> _____	d. cotton	1=yes	2=no
<b>H64E</b> _____	e. peanuts	1=yes	2=no
<b>H64F</b> _____	f. beans	1=yes	2=no
<b>H64G</b> _____	g. sorghum	1=yes	2=no
<b>H64H</b> _____	h. cashew nuts	1=yes	2=no

**H65** \_\_\_\_\_ 65. Compared with five years ago, has the marketing of these products been more difficult or easier?

- 1=more difficult --> question 66
- 2=easier --> question 67

**H66** \_\_\_\_\_ 66. If more difficult, why?

- 1=fewer buyers
  - 2=transportation problems
  - 3=security problems
  - 4=low prices
  - 5=lack of consumer goods
  - 6=other
- 

**H67** \_\_\_\_\_ 67. If easier, why?

- 1=more buyers
  - 2=better transportation
  - 3=better security
  - 4=attractive prices
  - 5=more consumer goods
  - 6=other
- 

68. Can you estimate how many buyers expressed interest in your products during this marketing campaign?

<b>H68A</b> _____	A. maize	0=0
<b>H68B</b> _____	B. manioc	1=1 - 3
<b>H68C</b> _____	C. beans	2=4 - 5
<b>H68D</b> _____	D. peanuts	3=6 - 10
<b>H68E</b> _____	E. cotton	4=more than 10

**H69** \_\_\_\_\_ 69. To how many different buyers did you sell your all your products during this marketing campaign? (enter the number)

**H70** \_\_\_\_\_ 70. Are these the same buyers who provide you with consumer goods? (Describe the process)

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ALD \_\_\_\_ HH \_\_\_\_

**VI. MOVIMENTO DA PECUÁRIA**

Can you tell us about the animals you have owned over the last year?

**Table VI: Animal Ownership (August 90 - July 91)**

Type of Animal 1=cattle 2=goats/sheep 3=pigs 4=burros/horses 5=poultry 6=rabbits	Present Number	Animals/Poultry Sold (August 90 - July 91)				Animals/Poultry Slaughtered (August 90 - July 91)			Animals/ Poultry Stolen or Killed (August 90 - July 91)	Animals/ Poultry Purchased (August 90 - July 91)
		Number	Time Period 1=planting 2=hungry period 3=this harvest 4=over the year	Why 1=lack of food 2=few buyers 3=attractive prices 4=special or unforeseen expenses 5=security problems	Sales Price (per head/bird)	Number	Time Period 1=planting 2=hungry period 3=this harvest 4=over the year	Why 1=lack of food 2=feast/ritual 3=security problem	Number	Number
PEC	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10

H71. What do you do with the following animal products?

H71A \_\_\_\_  
H71B \_\_\_\_  
H71C \_\_\_\_

- A. milk/butter/cheese
- B. eggs
- C. skins
- 1=sells all
- 2=consumes all
- 3=sells part/consume part
- 4=nothing

**H72** \_\_\_\_\_ 72. Do you use animal traction in your agriculture?

1=yes --> question 73

2=no --> question 75

**H73** \_\_\_\_\_ 73. If yes, what kind of animals do you use?

1=cattle

2=burros/horses

74. What kind of tasks do you use them for?

**H74A** \_\_\_\_\_ A. plowing 1=yes

2=no

**H74B** \_\_\_\_\_ B. transport

**H74C** \_\_\_\_\_ C. weeding

**H75** \_\_\_\_\_ 75. Did you use animal traction in the past?

1=yes --> question 76

2=no --> Table VII

**H76** \_\_\_\_\_ 76. If yes, why did you stop?

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(post-code)

VII. ACQUIRED INPUTS (AUG. 90 - JULY 91)

**Table VII: Acquired Inputs**

Type	Crops	Quantity		Origin		Value	
		Unit	No. of Units	Mode of acquisition	Where acquired	1=unit price	Value (mt)
1=seeds 2=organic fertilizers 3=chemical fertilizers 4=pesticides	1=food crops 2=cotton 3=rice 4=cashew trees 5=vegetables 6=various other	1=sack 100 kg 2=sack 50 kg 3=kilo 4=liter 5=can 20 kg other		1=purchased 2=donated 3=gift	1=loja 2=market post 3=neighbo 4=ONG 5=AGRICOM 6=companhia 7=mercado/feira 8=DPCCN	2=total value	
IPO	I1	I2A	I2B	I3	I4	I5A	I5B

**H77** \_\_\_\_ 77. Have you ever encountered any difficulty in obtaining desired inputs?

1=yes --> question 78 2=no --> Table VIII

**H78** \_\_\_\_ 78. If yes, why (specify the input)?

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**H79** \_\_\_\_ 79. Did you ever encounter any difficulty in obtaining the necessary tools for your farm?

1=yes

2=no --> question 81

**H80** \_\_\_\_ 80. If yes, why?

\_\_\_\_\_

\_\_\_\_\_

(post-code)

**H81** \_\_\_\_ 81. Over the last year, did you rent any machinery for your farm?

1=yes --> question 81A

2=no --> Table IX

**H81A** \_\_\_\_ 81A For what tasks do you usually rent machines?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_







ALD \_\_\_\_\_ HH \_\_\_\_\_

**H87** \_\_\_\_\_ 87. Were these meals yesterday typical of this time period?

1=yes --> question 89

2=no --> question 88

**H88** \_\_\_\_\_ 88. If not, specify the difference.

\_\_\_\_\_

\_\_\_\_\_  
(post-code)

**H89** \_\_\_\_\_ 89. Do you consider these meals adequate to maintain the health of all the household members?

1=yes --> question 91

2=no --> question 90

**H90** \_\_\_\_\_ 90. If not, what are the principal problems in providing adequate meals?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(post-code)



**H92** \_\_\_\_\_ 92. In general, are these hungry period meals adequate to maintain the health of all household members?

1=yes --> question 93  
2=no --> question 94

**H93** \_\_\_\_\_ 93. If no, how does your household obtain the necessary food?

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(post-code)

**H94** \_\_\_\_\_ 94. If no, for how many months does your household not have sufficient food? (number of months)

**H95** \_\_\_\_\_ 95. How does your family survive when there is not enough food available?

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(post-code)

**H96** \_\_\_\_\_ 96. During the hungry period, was there always food available to purchase from the market or from your neighbors?

1=yes --> question 98  
2=no --> question 97

**H97** \_\_\_\_\_ 97. If not, for how many months was there no food available for purchase?

**H98** \_\_\_\_\_ 98. We are very grateful for this opportunity to share in your lives, and we would like to end this interview by asking if you think that your life has improved or gotten worse over the last five years. Please elaborate.

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