

Seeds of Life 3 Baseline Survey

Volume 3 Annexes

Ministry of Agriculture and Fisheries
Seeds of Life / Fini ba Moris

Dili, October 2012

This report summarizes the findings of the 2011 Seeds of Life baseline survey carried out by the Ministry of Agriculture and Fisheries / Seeds of Life program, with the assistance of the National Statistics Directorate of the Ministry of Finance.

The report of the survey consists of three parts:

1. The Main Report
2. Volume 2: Data Tables
3. Volume 3: Annexes

The report can be downloaded in PDF format from www.seedsoflifetimor.org

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Table of Contents

| | |
|---|-----|
| Table of Contents | iii |
| Annex 1. List of Sucos and Aldeias of the Baseline Survey | 1 |
| Annex 2. Implementation Schedule of Baseline Survey | 4 |
| Annex 3. Baseline Survey Questionnaire (English) | 6 |
| Annex 4. Baseline Survey Questionnaire (Tetun) | 23 |
| Annex 5. Conversion Table for Crop Harvests..... | 41 |
| Annex 6. Household Food Insecurity | 43 |

Annex 1.

List of Sucos and Aldeias of the Baseline Survey

| No. | District | Sub-District | Suco | Aldeias |
|-----|----------|--------------|--------------------|--------------------------------------|
| 1 | Ainaro | Ainaro | Soro | Terlora, Gerudu, Poelau, Leo-Lala |
| 2 | | | Mau-Ulo | Daga-Mesa, Hatu-Lau, Hatu-Lelo |
| 3 | | Hatu-Builico | Nuno Mogue | Hatu-Builico, Mausoro-Mata, Queorema |
| 4 | | Maubisse | Manetu | Rusulau, Lebululi, Boroulu |
| 5 | | | Horai-Quic | Hatosao, Cartolo, Gourema |
| 6 | | Hato Udo | Leolima | Dausur, Aimerlau, Lese |
| 7 | Aileu | Aileu Vila | Bandudato | Raelete, Dailor, Taiblor |
| 8 | | | Seloi Craic | Casamou, Taliforleu, Recoalefa |
| 9 | | Liquidoe | Faturilau | Cairema, Lebumeran |
| 10 | | Remexio | Suco-Liurai | Laraluha, Manutane, Cotomori |
| 11 | | Laulara | Cotolau | Cotolau, Ramerlau, Ornai |
| 12 | Baucau | Baucau | Bucoli | Uaisemu, Macadai de Baixo, Aubaca |
| 13 | | | Triloca | Aubaca, Macadai, Lequiloiatu |
| 14 | | | Seical | Laroda, Ague, Uabubuhene |
| 15 | | Laga | Samalari | Samalari, Sorugua, Lualari |
| 16 | | Quelicai | Baguia | Butileo, Laualiu, Saraida |
| 17 | | | Bualale | Ossomessa, Lialura |
| 18 | | | Laisorolai De Cima | Baticasa, Uaidaba, Uataliu |
| 19 | | Baguia | Afoloicai | Buibela, Lena, Oqui-Lari |
| 20 | | | Haeconi | Uaiboro, Bacarauai, Afalari, |
| 21 | | Vemasse | Vemase | Oralan, Betulale, Lor |
| 22 | | | Uatu-Lari | Naulale, Bahalale, Uaiharabo'o |
| 23 | | Venilale | Uaiolo | Ualae, Uatumissa, Luli Bau |
| 24 | | | Uataco | Lia Bala, Ossogori, Utu Assa |
| 25 | | Bobonaro | Maliana | Saburai |
| 26 | Cailaco | | Purugoa | Lesu Pu, Heda |
| 27 | Balibo | | Leohito | Mohac, Feric Catuas, Falo Ai |
| 28 | | | Batugade | Batugade, Nu Badac, Lotan |
| 29 | Atabae | | Hataz | Aidabasalala, Hataz, Aidabaleten |
| 30 | Lolotoe | | Lebos | Mapelai, Mabelis |
| 31 | Bobonaro | | Bobonaro | Lactil, Lesigatal, Tuluata |
| 32 | | | Lourba | Gumer, Lourba, Zo-Belis |
| 33 | | | Male-Ubu | Atu Lara, Mali-Ubu, Nunupa |
| 34 | | | Tebabui | Atu-Pae, Bugas, Tebabui |
| 35 | Covalima | Fatumean | Fatumean | Fatumean, Lebo, Rai Oan |
| 36 | | Fohorem | Dato Rua | Hali-Laran, Aitos, Fatulidun |
| 37 | | Maucatar | Matai | Crus Mina Rai, Maior/Cunain, Quiar |
| 38 | | Suai | Camenaça | Fatusin, Manecin, Sanfuc |
| 39 | | Tilomar | Lalawa | Tulaeduc, Kota Foun, Salele Bot |
| 40 | | Zumalai | Raimea | Loro, Uma Claran, Webaba |
| 41 | | | Lepo | Biatuma, Horba, Aisal-Leuc |

| No. | District | Sub-District | Suco | Aldeias | |
|-----|-----------|-------------------|-----------------------------|-------------------------------------|----------------------------|
| 42 | Dili | Vera Cruz | Dare | Nahaec, Fila Beba Tua, Casnafar | |
| 43 | | Metinaro | Duyung (Sereia) | Sahan, Manularan, Has Laran | |
| 44 | | Atauro | Maquili | Maulaco, Macelihu, Fatulela | |
| 45 | | | Macadade | Anartuto, Biti, Berao | |
| 46 | | Cristo Rei | Hera | Ailoc Laran, Acanuno, Moris Foun | |
| 47 | Ermera | Railaco | Tocoluli | Marobo, Tahobate, Caisahe | |
| 48 | | | Railaco Leten | Darema, Colhuinamo, Tuileço | |
| 49 | | Ermera | Poetete | Samatrae, Biluli, Tidibessi | |
| 50 | | | Leguimea | Leguimea, Titihar, Tidir | |
| 51 | | | Estado | Tatoli, Tajaquina, Coração De Jesus | |
| 52 | | Letefoho | Hauptu | Manucatite, Riamori, Riatoni | |
| 53 | | | Catrai-Craic | Manucoliria, Mausorumata, Hatudmei | |
| 54 | | | Hatugau | Hatugau, Cailiti, Rialau | |
| 55 | | Atsabe | Obulo | Laco Ubu, Moto Ubo, Hatu Brao | |
| 56 | | | Laubono | Sirui, Biabote, Prugua/Sirui | |
| 57 | | Hatolia | Coliate-Leotelo | Manulete, Hauhei, Manucati | |
| 58 | | | Leimea Craic | Hatupae, Lequياما, Gnutur | |
| 59 | | | Urahou | Hatlaetete, Dosmagar, Laulema | |
| 60 | | Liquiça | Bazartete | Tibar | Turleu, Libaulelo, Fatunia |
| 61 | | | | Ulmera | Terlau, Mane-Mori, Nauner |
| 62 | Liquiça | | Hatuquesi | Hatarlema, Tautalo, Caidico | |
| 63 | | | Leotela | Tolema, Hatumasi, Manati | |
| 64 | Maubara | | Guiço | Caicassavou, Mau-Unu, Irlelo | |
| 65 | | | Vatuvou | Lissalara, Raeme, Gariana | |
| 66 | | | Maubaralissa | Lissalara, Vatuguili | |
| 67 | Lautem | Lospalos | Cacaven | Thacarano, Laiara, Solepara | |
| 68 | | | Souro | Foema'a, Leuro, Nairete | |
| 69 | | Lautem | Daudere | Aelafa, Samaira, Anarua | |
| 70 | | | Pairara | Caporo, Ira-Thcao, Levono | |
| 71 | | Iliomar | Fuat | Acadirilo, Rumutau, Mata-Omar | |
| 72 | | Luro | Luro | Abere, Hailarino, Amahira | |
| 73 | | Tutuala | Mehara | Loiquero, Porlamano, Poros | |
| 74 | Manufahi | Same | Daisua | Riatu, Lesuai, Loti | |
| 75 | | Alas | Dotic | Sarin, Lacaluan, Weberec | |
| 76 | | | Mahaquidan | Beremanec, Cnua Alas, Debuwain | |
| 77 | | Fatuberliu | Fahinehan | Ainesi, Darmata, Daurata | |
| 78 | Turiscari | Lesuata | Ailulimau, Betibo, Namoluli | | |
| 79 | Manatuto | Manatuto | Iliheu | Ili-Huli, I-Un, Behatu | |
| 80 | | Laleia | Cairui | Bia-Bae, Hatusili, Raibu | |
| 81 | | Laclo | Uma Naruc | Bua, Uma Naruc, Uma Surat | |
| 82 | | Barique/Natarbora | Barique | Caunua, Weubani | |
| 83 | Oecusse | Pante Makasar | Lifau | Nefobai, Oemolo, Tulaica | |
| 84 | | | Taiboco | Maquelab, Nemun, Hauboni | |
| 85 | | | Bobocase | Fatubizae, Bihala | |
| 86 | | Nitibe | Usi-Taco | Nitibe, Oamna, Cuantaua | |
| 87 | | | Suni-Ufe | Cabana, Oelmanoe, Fuabano | |
| 88 | | | Banafi | Cuanobe, Neofmetan, Hautefo | |

| No. | District | Sub-District | Suco | Aldeias |
|-----|-------------------------------|--------------|---------------|----------------------------------|
| 89 | Oecusse <i>(continued)</i> | Oesilo | Bobometo | Neonafu, Saben, Tumin |
| 90 | | | Usi-Tacae | Buqui, Pune, Sifin |
| 91 | | Passabe | Abani | Pasabe, Haem-Nanu, Naetuna |
| 92 | Viqueque | Uatucarbau | Unai-Uma | Uatuloli, Ala Oli, Osso-Mali |
| 93 | | Ossu | Ossu De Cima | Lugabuti, Liamida, Uairio |
| 94 | | | Uabubo | Laritame, Leque-Buti, Buanurac |
| 95 | | Watulari | Macadique | Macadique, Caidualari, Liacaiua |
| 96 | | | Babulo | Liasidi, Aha Bu'u, Roma |
| 97 | | Viqueque | Bahalara Uain | Aidac, Aisahe, Caninuc |
| 98 | | | Fatu Dere | Barabeto, Aidilalita, Culale |
| 99 | | | Luca | Canlor, Uma Boot, Uma Lor |
| 100 | | Lacluta | Ahic | Crarec Bocu, Hali 0an, Hali Mean |

Annex 2. Implementation Schedule of Baseline Survey

Seeds of Life Baseline Survey Implementation - Sucos and Households Interviewed, per Team

| Team | October 2011 | | | | | | | | | | | | | | | | | | |
|------|--------------|-------------------|---------------|-----------------|--------------------|----------------|-----------------|----------------|------------------|----------------|----------------|----------------|---------------------|--------------------|-----------------------|----------------|---------------------|----------------|-----------|
| | Mon 10 | Tue 11 | Wed 12 | Thu 13 | Fri 14 | Sat 15 | Sun 16 | Mon 17 | Tue 18 | Wed 19 | Thu 20 | Fri 21 | Sat 22 | Sun 23 | Mon 24 | Tue 25 | Wed 26 | Thu 27 | Fri 28 |
| I | | Leolima 18 | | Soro 16 | | Soro 2 | | Nunomoge 18 | Horai-Quic 12 | 6 | | | Bandudato 18 | | Seloi Craic 12 | Cotolau 6 | 18 | | |
| | | | Mau-Ulo 6 | | Mau-Ulo 3 | 9 | | | | Manetu 12 | 6 | | | | | | | | |
| | | Duyung 6 | 12 | Hera 18 | Dare 18 | | | Macadade 6 | 6 | Maquili 12 | 6 | Macadade 6 | Suco-Liurai 6 | | Faturilau 18 | Bucoli 18 | Suco-Liurai 12 | | |
| II | | Laisorolai 12 | Bualale 18 | Laisorolai 6 | | Uaiolo 12 | | 6 | | Uatulari 6 | | Uatulari 6 | 6 | | Seical 6 | 12 | Triloca 6 | 12 | |
| | | | | Baguia 9 | 9 | | Uataco 6 | 12 | 6 | 12 | | | | | | | | | |
| | | Purugoa 8 | 10 | Saburai 6 | 12 | 9 | Lebos 9 | 18 | 6 | Bobonaro 12 | Lourba 18 | Male Ubu 18 | Teba Bui 18 | | Leohito 18 | Batugade 18 | Hataz 18 | | |
| IV | | Fatumean 8 | 10 | Lalawa 12 | Datu Rua 18 | Lalawa 6 | | Matai 12 | 6 | Camanasa 18 | | | Raimea 12 | | Raimea 6 | Lepo 18 | Leimea-Craic 12 | 6 | |
| | | Laubono 12 | Obulo 18 | Laubono 6 | Catrai-Craic 12 | 6 | | Hatugau 18 | Hatupu 18 | Estado 18 | Leguimea 18 | Poetete 18 | Railaco Leten 18 | | Colliate-Leotela 9 | 9 | | | |
| V | | Fuat 18 | Cacaven 18 | Souro 12 | 6 | | | Pairara 12 | 6 | | Luro 12 | 6 | TRIP 0 | | Afaloicai 12 | Haeconi 6 | 18 | Samalari 18 | |
| | | | | | Mehara 9 | 9 | | | Daudere 6 | 12 | | | | | | | | | |
| | | Maubaralissa 9 | 9 | Ulmera 12 | 6 | | | Urahou 12 | 6 | | Leotela 6 | 12 | | | Hatuquesi 6 | Vatuvou 12 | 9 | 9 | |
| VI | | | | Tibar 6 | 12 | | | | Guico 12 | 6 | | Tocoluli 6 | 12 | | | | | | |
| | | Lesuata 9 | 9 | Daisua 12 | 6 | Fahinehan 9 | | 9 | | | Dotic 9 | 9 | 9 | Baricue 9 | Cairui 9 | 12 | Uma Naruc 6 | Iliheu 18 | 18 |
| | | | | | | | Mahaquidan 6 | 6 | 6 | | | | | | | | | | |
| VII | | Abani 0 | 12 | Taiboco 6 | 12 | | Seni-Ufe 12 | 6 | | | Bobocase 9 | 9 | | | | 6 | Lifau 12 | | |
| | | | | Usi-Taco 18 | | | | | Bobometo 6 | 6 | 6 | | 6 | Banafi 12 | 12 | Usi Tacae 6 | | | |
| | | Unai-Uma 9 | 9 | Babulo 8 | 10 | Macadique 9 | | 9 | 12 | Fatudere 6 | | Uabubo 9 | 9 | Ossu de Cima 18 | Ahic 18 | Luca 18 | Bahalara Uain 18 | | |
| VIII | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| IX | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| X | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| XI | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Seeds of Life Baseline Survey Implementation - Sucos and Households Interviewed, per District

| District | October 2011 | | | | | | | | | | | | | | | | | | |
|----------|--------------|--------------|---------|------------|--------------|-----------|--------|----------|------------|----------|----------|----------|---------------|--------------|------------------|----------|---------------|-------------|--------|
| | Mon 10 | Tue 11 | Wed 12 | Thu 13 | Fri 14 | Sat 15 | Sun 16 | Mon 17 | Tue 18 | Wed 19 | Thu 20 | Fri 21 | Sat 22 | Sun 23 | Mon 24 | Tue 25 | Wed 26 | Thu 27 | Fri 28 |
| Aileu | | | | | | | | | | | | | Bandatuto | | Seloi Craic | | Cotolau | | |
| | | | | | | | | | | | | | 18 | | 12 | 6 | 18 | | |
| | | | | | | | | | | | | | | Suco-Liurai | 6 | 18 | | Suco-Liurai | |
| Ainaro | | Leolima | | Soro | | Soro | | Nunomoge | Horai-Quic | | | | | | | | | | |
| | | 18 | | 16 | | 2 | | 18 | 12 | 6 | | | | | | | | | |
| | | | Mau-Ulo | | Mau-Ulo | | | | | Manetu | | | | | | | | | |
| Baucau | | Laisorolai | Bualale | Laisorolai | | | Uaiolo | | | Uatulari | | | Uatulari | | Seical | | Triloca | | |
| | | 12 | 18 | 6 | | 12 | | 6 | | 6 | | 6 | 6 | | 6 | 12 | 6 | 12 | |
| | | | | Baguia | | | | Uataco | | Vemasse | | | | | | Bucoli | | | |
| Bobonaro | | | | | | | | | | | | | | | | | | | |
| | | Purugoa | | Saburai | | | Lebos | | Bobonaro | Lourba | Male Ubu | Teba Bui | | | Leohito | Batugede | Hataz | | |
| | | 8 | 10 | 6 | 12 | 9 | | 9 | 18 | 6 | 12 | 18 | 18 | | 18 | 18 | 18 | | |
| Covalima | | Fatumean | Lalawa | Datu Rua | Lalawa | | | Matai | Camanasa | | | | | Raimea | | Lepo | | | |
| | | 8 | 10 | 12 | 18 | 6 | | 12 | 6 | 18 | | | | 12 | | 6 | 18 | | |
| Dili | | Duyung | Hera | Dare | To Atauro | | | Macadade | Maquili | Macadade | | | | | | | | | |
| | | 6 | 12 | 18 | 18 | | | 6 | 6 | 12 | 6 | 6 | | | | | | | |
| Ermera | | Laubono | Obulo | Laubono | Catrai-Craic | | | Hatugau | Haupu | Estado | Leguimea | Poetete | Railaco Leten | | Colliate-Leotela | | Leimea-Craic | | |
| | | 12 | 18 | 6 | 12 | 6 | | 18 | 18 | 18 | 18 | 18 | 18 | | 9 | 9 | 12 | 6 | |
| | | | | | | | | Urahou | | | | | Tocoluli | | | | | | |
| Lautem | | | | | | | | | | | | | | | | | | | |
| | | Fuat | Cacaven | Souro | | | | Pairara | | | Luro | | | | | | | | |
| | | 18 | 18 | 12 | 6 | | | 12 | 6 | | 12 | 6 | | | | | | | |
| Liquica | | | | | | | | | | | | | | | | | | | |
| | | Maubaralissa | | Ulmera | | | | | Guico | | Leotela | | | | Hatuquesi | | Vatuvou | | |
| | | 9 | 9 | 12 | 6 | | | | 12 | 6 | 6 | 12 | | | 6 | 12 | 9 | 9 | |
| Manatuto | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Barique | | Cairui | | Uma Naruc | Iliheu |
| Manufahi | | | | | | | | | | | | | | | | | | | |
| | | Lesuata | | Daisua | | Fahinehan | | | | | Dotic | | | | | | | | |
| | | 9 | 9 | 12 | 6 | 9 | | 9 | | | 9 | 9 | | | | | | | |
| Oecussi | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Viqueque | | | | | | | | | | | | | | | | | | | |
| | | Unai-Uma | | Babulo | | Macadique | | | Fatudere | | | Uabubo | | Ossu de Cima | Ahic | Luca | Bahalara Uain | | |
| | | 9 | 9 | 8 | 10 | 9 | | 9 | 12 | 6 | | 9 | 9 | | 18 | 18 | 18 | 18 | |

Annex 3.

Baseline Survey Questionnaire (English)



República Democrática de Timor-Leste

**Ministério das Finanças
Direcção Nacional de Estatística**

**Ministério da
Agricultura e Pescas**



**Seeds of Life
Fini ba Moris**

Baseline Survey Seeds of Life 3

October 2011

Informed Consent

Hello, My Name is I am working with the National Directorate of Statistics which, together with the Ministry of Agriculture and Fisheries, conducts this survey. We are conducting a survey about agriculture for food production and to learn about the availability of seeds. We would very much appreciate your participation in this survey.

For this survey I would like to talk to one or more adult members of the household, including – if possible – the head of household. I want to ask some questions about: the type of crops that you grow; how much is grown; where the seed for such crops comes from; if the household has experienced lack of food last year; other agriculture activities; and some questions on the condition of the household.

This information will help the government to assess if its efforts in providing access to more productive seeds for foodcrops to farmers throughout Timor-Leste are effective. The survey usually takes between 45 and 60 minutes to complete. The information you provide will be treated confidentially and will not be shared with other persons in a way that can identify you.

Participation in this survey is voluntary and you can choose not to take part in it. However, we hope that you will participate in this survey since your views are important.

At this time, do you want to ask me anything about the survey?

May I begin the interview now?

RESPONDENT AGREES TO BE INTERVIEWED

RESPONDENT DOES NOT AGREE TO BE INTERVIEWED

→ END

Information on the Household's Involvement in Foodcrop Agriculture Activities

Because the purpose of this survey is to obtain information on foodcrops, the survey only interviews farmers who grow such crops. We therefore like to ask you the following first.

Did you or your household plant/grow any of the following crops in your farm during the last year's cropping and harvesting season (October 2010 – September 2011)?

1 – Yes

2 – No

1. Maize

2 Rice

3. Peanuts

4. Cassava

5. Sweet potato

If there is a "Yes" answer (i.e. code "1") for any of the above crops, continue with the interview.

If the answer is "No" for all five crops (i.e. code "2" for all answers), end the interview by thanking the respondent.

| Part 1. Household Identification | | | | |
|----------------------------------|----------------------|--|--|--|
| 1 District: | <input type="text"/> | | | |
| 2 Sub-District: | <input type="text"/> | | | |
| 3 Suco: | <input type="text"/> | | | |
| 4 Aldeia: | <input type="text"/> | | | |

| Part 2. Interview Particulars | | | | |
|---|---|---|---|---|
| | Interviewer | Field Supervisor | Office Editor | Data Entry |
| Name | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Date finished | Day / Month / Year / 10 / 2011 | Day / Month / Year / 10 / 2011 | Day / Month / Year / 10 / 2011 | Day / Month / Year / 10 / 2011 |
| Signature | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| In which language(s) was the interview conducted? | | | | |

| Part 3. Information on farm household | | | | | | | | | | | | |
|---|----------------------|----------------------|----------------------|---|----------------------|--|----------------------|----------------------|---|----------------------|----------------------|----------------------|
| 3.1 Name of the Head of Household | | | | | | | | | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 3.2 Age of Head of Household <input type="text"/> <input type="text"/> years | | | | | | 3.3 Sex of Head of Household <input type="checkbox"/> 1-Male 2-Female | | | | | | |
| 3.4 Marital status of the Head of Household | | | | 3.5 Length of formal education <input type="text"/> <input type="text"/> years | | | | | | | | |
| 1. Married <input type="checkbox"/> 2. Widowed <input type="checkbox"/> 3. Divorced / Separated 4. Never Married | | | | 00 – No schooling 03 – completed 3 SD 06 – completed SD 08 – completed 2 SMP 09 – completed SMP | | | | | 10 – completed 1 SMA 12 – completed SMA 13 – completed D 1/first year university 15 – completed D 3/third year university 16 – completed university | | | |
| 3.6 How many household members (including the respondent) do you have as of today? | | | | | | | | | | | | |
| Male | | | Female | | | Total | | | | | | |
| <i>Only if respondent is not the Head of Household.</i> | | | | | | | | | | | | |
| 3.7 Name of Respondent | | | | | | | | | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 3.8 Age of Respondent <input type="text"/> <input type="text"/> years | | | | | | 3.9 Sex of Respondent <input type="checkbox"/> 1-Male 2-Female | | | | | | |
| 3.10 Relationship of Respondent to the Head of Household <input type="text"/> <input type="text"/> | | | | | | | | | | | | |
| 01. Spouse (wife/husband) | | | | 06. Mother/Father | | | | 11. Grandparent | | | | |
| 02. Daughter/Son | | | | 07. Sister/Brother | | | | 12. Niece/Nephew | | | | |
| 03. Adopted | | | | 08. Mother/Father-in-law | | | | 13. Other relative | | | | |
| 04. Stepchild | | | | 09. Sister/Brother-in-law | | | | 14. Non-relative | | | | |
| 05. Daughter/Son-in-law | | | | 10. Grandchild | | | | 15. Other: _____ | | | | |

Part 4. Land parcels and their usage last year (October 2010 – September 2011)

How many land parcels did your household use to grow foodcrops in the last year?

| Parcel No. | Distance from home | Size | Crops Grown | Irrigation |
|------------|--|--|---|---|
| | About how long does it take to walk to the parcel from your home? | What is the estimated area of the parcel? | What was the main crop grown in the parcel during the last cropping season? | Was part or all of the parcel irrigated during the last cropping season? |
| | Enter number of minutes | Enter area in ha (e.g. 0.75) | Enter code [C1] | 1 – Yes 2 – No |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |

C1: Crops Grown

- | | | | |
|-----------|-----------------|-----------|------------------|
| 1. Maize | 4. Cassava | 7. Beans | 10. Other: _____ |
| 2. Rice | 5. Sweet potato | 8. Wheat | 11. Other: _____ |
| 3. Peanut | 6. Vegetables | 9. Barley | 12. Other: _____ |

| Part 5. Foodcrop production in the last year | | | | | | | | |
|--|--|--|--|---|---|--|--|-----------------|
| 5.1 Foodcrop production from last year's harvest | | | | | | 5.2 Crop damage or loss last year | | |
| No. | Name of foodcrop | Quantity | | Conversion to Kg | | Crop damage or loss? | Most important cause of crop damage/loss | |
| | | Irrigated | Non-irrigated | Kg equivalent of local measurement unit | Quantity | Was there damage or loss for this crop in the last year between planting and harvesting? | Irrigated | Non-irrigated |
| | <i>Enter the data obtained from the respondent in the corresponding row.</i> | How much did you harvest from the irrigated plots? | How much did you harvest from the non-irrigated plots? | <i>Write down the kg equivalent of the local measurement unit</i> | <i>Calculate total production in Kg</i> | | If Yes, enter the code for the most important cause of damage or loss for this crop | |
| | | Local measurement unit | Local measurement unit | | Kg | 1 – Yes 2 – No | Enter code [C2] | Enter code [C2] |
| 1 | Maize | | | | | | | |
| 2 | Rice | | | | | | | |
| 3 | Peanut | | | | | | | |
| 4 | Cassava | | | | | | | |
| 5 | Sweet potato | | | | | | | |

| C2: Types of causes of crop damage or loss | | |
|---|---------------------------|---------------------------------------|
| 1. Domestic livestock and dogs | 4. Locusts | 7. Too much rain (floods, heavy rain) |
| 2. Rodents (rats and mice) | 5. Other pests & diseases | 8. Too little rain (drought) |
| 3. Other wild animals (pigs, Timor deer, monkeys) | 6. Fire | 9. Theft |
| | | 10. Other cause of damage _____ |

Part 6. Seeds and seeds storage

6.1 Source of seeds and crop characteristics

The section below only applies to farmers who grew one or more of the following crops: maize, rice, peanut, cassava, sweet potato.
If none of these crops is grown by this household, proceed to **Part 7**.

Which varieties of seeds did you use for the different food crops you grew in the last planting season?

| No. | Type of foodcrop | Seed variety planted | Source of seed | Year of starting growing the variety | Productivity | Reason(s) for selection of variety | Intention to replant variety in next growing season | |
|-----|------------------|--|---|--|--|--|---|---|
| | | What were the varieties of ... your household planted last season? | What was the source of the seed you planted? | In which year did you start to grow ... with this seed variety? | How does the productivity compare with that of a local variety? | What were the main reasons to select this variety? | Do you intend to plant the same variety again next season? | If the answer is "No", what are the reason(s) for not replanting it? |
| | | <i>Fill in for all varieties grown</i> | Enter code [C3] | | Enter code [C4] | Enter code [C5] <i>No limit to the # of reasons mentioned</i> | 1 – Yes 2 – No | Enter code [C6] <i>No limit to the number of reasons mentioned</i> |
| 1 | Maize | a. Sele | | | | | | |
| | | b. Batar Lais | | | | | | |
| | | c. Batar Bot | | | | | | |
| | | d. Suwan-5 | | | | | | |
| | | e. Arjuna | | | | | | |
| | | f. Kalinga | | | | | | |
| | | g. Forgot the name | | | | | | |
| | | h. _____ | | | | | | |

C3: Source of seed

- Own seed, saved from a previous harvest
- Bought in market
- Bought from community seed bank/ community seed group
- Bought from relative/neighbour/ friend
- Given for free by relative/neighbour/ friend
- Given for free by the Government
- Given for free by an NGO
- Given for free by the Church
- Other _____

C4: Productivity

- Much better than local variety
- Better than local variety
- Same as local variety
- Worse than local variety
- Much worse than local variety
- Don't know/remember

C5: Reason for selecting variety

- Have always grown this
- Only choice available
- Received for free
- More productive
- Beter taste
- Preferred colour
- Easier to store after harvest
- Better suited to local climate
- Resistant to wind (short height)
- Other _____

C6: Reason for not planting again

- Would like to replant, but don't have/cannot get the seed
- Seed on sale in local market, but don't have money to buy it
- Production too low
- Too much labour needed to grow
- Not suitable for the local soil
- Not suited to local weather conditions
- Too easily lodges/bends under wind
- Not a nice taste
- Too difficult to store/post-harvest loss too high
- Other _____

| No. | Type of foodcrop | Seed variety planted | Source of seed | Year of starting growing the variety | Productivity | Reason(s) for selection of variety | Intention to replant variety in next growing season | |
|-----|------------------|--|--|--|---|---|---|--|
| | | | | | | | Do you intend to plant the same variety again next season? | If the answer is "No", what are the reason(s) for not replanting it? |
| | | What were the varieties of ... your household planted last season? <i>Fill in for all varieties grown</i> | What was the source of the seed you planted? Enter code [C3] | In which year did you start to grow ... with this seed variety? | How does the productivity compare with that of a local variety? Enter code [C4] | What were the main reasons to select this variety? Enter code [C5] <i>No limit to the # of reasons mentioned</i> | 1 – Yes 2 – No | If the answer is "No", what are the reason(s) for not replanting it? Enter code [C6] <i>No limit to the number of reasons mentioned</i> |
| 2 | Rice | a. Nakroma | | | | | | |
| | | b. IR-64 | | | | | | |
| | | c. IR-54 | | | | | | |
| | | d. IR-36 | | | | | | |
| | | e. IR-8 | | | | | | |
| | | f. IR-5 | | | | | | |
| | | g. Mamberamo | | | | | | |
| | | h. Silaun | | | | | | |
| | | i. Nona Portu | | | | | | |
| | | j. President | | | | | | |
| | | k. Forgot the name | | | | | | |
| | | l. _____ | | | | | | |
| 3 | Peanut | a. Utamua | | | | | | |
| | | b. Forgot the name | | | | | | |
| | | c. _____ | | | | | | |

| No. | Type of foodcrop | Seed variety planted | Source of seed | Year of starting growing the variety | Productivity | Reason(s) for selection of variety | Intention to replant variety in next growing season | |
|-----|------------------|--|----------------|--------------------------------------|--------------|------------------------------------|--|---|
| | | | | | | | What were the varieties of ... your household planted last season? | What was the source of the seed you planted? |
| | | <i>Fill in for all varieties grown</i> | Code [C3] | | Code [C4] | Code [C5] | 1 – Yes 2 – No | Code [C6] |
| 4 | Cassava | a. Ai-luka 2 | | | | | | |
| | | b. Ai-luka 4 | | | | | | |
| | | c. Aifarinha boraisa | | | | | | |
| | | d. Aifarinha manteiga bo'ot | | | | | | |
| | | e. Aifarinha manteiga kiik | | | | | | |
| | | f. Lesu | | | | | | |
| | | g. Nona metan | | | | | | |
| | | h. Silva | | | | | | |
| | | i. Forgot the name | | | | | | |
| | | j. _____ | | | | | | |
| 5 | Sweet potato | a. Hohrae 1 | | | | | | |
| | | b. Hohrae 2 | | | | | | |
| | | c. Hohrae 3 | | | | | | |
| | | d. Lokal mutin | | | | | | |
| | | e. Lokal mean | | | | | | |
| | | f. Lokal Atabae | | | | | | |
| | | g. Forgot the name | | | | | | |
| | | h. _____ | | | | | | |

6.2 Are there varieties of foodcrops that this household used to grow between 2009 and now which are no longer cultivated now?

Yes Continue with the questions below
 No Proceed to **Section 6.3**

| No. | Crop | Name of variety | No. of years grown | Reason for discontinuing use |
|-----|---|---|---|---|
| | <i>Write name of crop mentioned by respondent</i> | <i>Write name of variety mentioned. If name of variety unknown, write "Unknown"</i> | How many years did you grow this variety? | What were the reason(s) for not growing this variety any longer? Enter code [C7] |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

C7: Reason for discontinuing use of variety

- | | |
|---|--|
| 1. Would have liked to replant, but could not get the seed | 5. Not suitable for the local soil |
| 2. Seed was on sale in local market, but did not have money to buy it | 6. Not suited to local weather conditions |
| 3. Production of crop too low | 7. Not a nice taste |
| 4. Needed too much labour to grow | 8. Too difficult to store / post-harvest loss too high |
| | 9. No seed production/saving skills |
| | 10. Other: _____ |

*The section below is asked to the respondents who reported that they **do not intend to replant a maize variety because production was too low.***

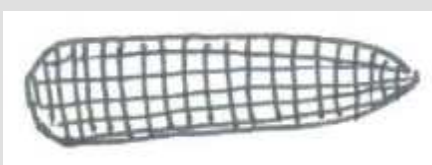

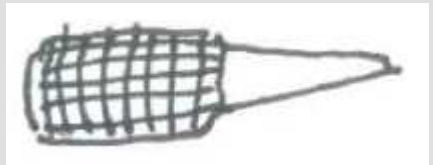
*For other respondents, proceed to **Section 6.5.***

6.3 Assessment of rainfall and maize growth during the last season

| No. | Stage of maize growth | Rainfall during last growing season | | | | | |
|---|-------------------------|---|-------------------|--------|--------------------|-----------|----------------|
| | | During the last planting season, how was the rainfall during each of the following phases of growth of the maize? | | | | | |
| | | Very low | Lower than normal | Normal | Higher than normal | Very high | Don't remember |
| Mark with X in the corresponding column | | | | | | | |
| 1 | Land preparation | | | | | | |
| 2 | Planting | | | | | | |
| 3 | Growth before flowering | | | | | | |
| 4 | Flowering | | | | | | |
| 5 | Harvest | | | | | | |

6.4 At the harvest of the maize, what was the condition of most of the cobs?

Mark with X on the corresponding picture

| Fully developed cob | Tip of the cob not developed | Most of the cob not developed |
|---|--|---|
|  |  |  |

6.5 Additional questions for maize growers

1. In this household do you decide which maize variety to grow?
 Yes No →
 ↓

1.1 Who decides?
 1. Head of household
 2. Husband
 3. Wife
 4. Other _____

2. In this household do you also select seeds to keep for planting in the next season?
 Yes No →
 ↓

2.1 Who selects?
 1. Head of household
 2. Husband
 3. Wife
 4. Other _____

3. How many maize seed grains do you put in a planting hole? circle the answer
 1. ○ 3. ○○○
 2. ○○ 4. ○○○○

4. What seed selection technique you normally use for maize? (allow multiple answers)
 1. Save seeds from the total harvest
 2. Select specific plants from the standing crop for seeds
 3. Select cobs after they are harvested
 4. Select seeds from a specific section of the cob

5. Are you a member of a farmer group?
 Yes →
 No ↓ Go to 8

6. Does your group produce seeds of crops for its members?
 1 - Yes 2- No 3 - Do not know

7. Does your group also sell seeds?
 Yes →
 No ↓

| Crops | Variety | Seeds produced in last year (kg) | Seeds sold (kg) | Price (\$/kg) | Total value of seeds sold (\$) |
|---------|---------|----------------------------------|-----------------|---------------|--------------------------------|
| Maize | | | | | |
| | | | | | |
| Rice | | | | | |
| | | | | | |
| Peanuts | | | | | |
| | | | | | |

8. Are there other farmer groups in your Suco who sell seeds each year?
 1 - Yes, 2 - No 3 - Do not know

9. Are there seeds merchants in local markets who buy and sell seeds of crops?
 1 - Yes, 2 - No 3 - Do not know

10. Have you ever heard of seed fairs?
 Yes →
 No ↓ Go to **Section 6.6**

11. Where were they organized in the past?

 1. In Suco
 2. In Sub-district 4. In Regional market center
 3. In District 5. In Dili

12. Who organized the seeds fair in the past?
 1. MAF
 2. Church
 3. NGO
 4. Private companies
 5. Other
 6. Don't know

6.6 In the last planting season, what amount of seed/cuttings was used for what crop variety?

The table below is only filled in for the crops and varieties that were mentioned by the respondent above.

| Crop | | | | | |
|--------------------|--|----|--------------------|--|----|
| 1. Maize | | | 2. Rice | | |
| Variety | Amount of seed used during last season | | Variety | Amount of seed used during last season | |
| | Local measurement unit | kg | | Local measurement unit | kg |
| a. Sele | | | a. Nakroma | | |
| b. Batar Lais | | | b. IR-64 | | |
| c. Batar Bot | | | c. IR-54 | | |
| d. Suwan-5 | | | d. IR-36 | | |
| e. Arjuna | | | e. IR-8 | | |
| f. Kalinga | | | f. IR-5 | | |
| g. Forgot the name | | | g. Mamberamo | | |
| h. _____ | | | h. Silaun | | |
| 3. Peanut | | | i. Nona Portu | | |
| Variety | Amount of seed used during last season | | j. President | | |
| | Local measurement unit | kg | k. Forgot the name | | |
| a. Utamua | | | l. _____ | | |
| b. Forgot the name | | | | | |
| c. _____ | | | | | |

| 4. Cassava | | 5. Sweet potato | |
|-----------------------------|--|------------------------|--|
| Variety | Amount of cuttings used during last season | Variety | Amount of cuttings used during last season |
| a. Ai-luka 2 | | a. Hohrae 1 | |
| b. Ai-luka 4 | | b. Hohrae 2 | |
| c. Aifarinha boraisa | | c. Hohrae 3 | |
| d. Aifarinha manteiga bo'ot | | d. Lokal mutin | |
| e. Aifarinha manteiga kiik | | e. Lokal mean | |
| f. Lesu | | f. Lokal Atabae | |
| g. Nona metan | | g. Forgot the name | |
| h. Silva | | h. _____ | |
| i. Forgot the name | | | |
| j. _____ | | | |

6.7 Seed and foodgrain storage of maize

If the household did not grow maize, proceed to **Section 6.8**

How did you store the maize for food and for seed from the last harvest?

| No. | Method of storage | Maize for food | Maize for seed | Reasons for choosing this storage method | Estimate of storage loss |
|-----|---|--|--|---|---|
| | | How much maize kept for food is stored in this way? | How much maize kept for seed is stored in this way? | What are the reasons for choosing this method of storage? <i>More than one answer acceptable</i> | How much of the amount stored in this way was lost/ unusable? <i>Using bean method</i> |
| | | In local measurement unit | In local measurement unit | Enter code [C8] | Percent |
| 01 | Storage in sack | | | | |
| 02 | Storage above the fire place | | | | |
| 03 | Hanging in trees | | | | |
| 04 | Storage in metal drum – This household only | | | | |
| 05 | Storage in metal drum – Shared between households | | | | |
| 06 | Storage in plastic container(s) – This household only | | | | |
| 07 | Storage in plastic container(s) – Shared between households | | | | |
| 08 | Storage in metal silo – This household only | | | | |
| 09 | Storage in metal silo – Shared between households | | | | |
| 10 | Storage in elevated house (Bouleten) | | | | |
| 11 | No storage; everything is sold | | | | |
| 12 | Other: _____ | | | | |

C8: Choice of maize storage method

- | | |
|--|--|
| 1. Custom/have always used this method | 5. Safe/little risk of theft |
| 2. Cheap | 6. Little risk of weevil damage or loss |
| 3. Easy to check amount of maize left | 7. Little risk of damage by rats/rodents |
| 4. Easy to move stored grain | 8. Other, specify _____ |

6.8 Storage losses of rice

If the household did not grow rice, proceed to **Part 7**.

How much of the amount of rice stored from this household's rice harvest of last year was lost / unusable? Use the bean method to assess the loss.

%

Part 7. Familiarity with Seeds of Life

7.1 Have you ever heard about the Seeds of Life program?

Yes Continue with the questions below

No Proceed to **Section 7.2**

1 **When** did you first learn about the Seeds of Life program?

a. Less than six months ago

d. More than three years ago

b. Between one year and six months ago

e. Don't remember how long ago

c. Between three years and one year ago

2 **How** did you learn about the Seeds of Life program? *Mark all answers that apply*

a. From a relative

e. From an NGO/organization

b. From a neighbour

f. From MAF staff / Extension worker

c. From Seeds of Life program staff

g. From Church

d. From the media (newspaper, radio,TV)

h. Other _____

3 Have you, or a member of this household, been involved in Seeds of Life program activities?

Mark all answers that apply

Yes

a. As an OFDT farmer

c. As a member of a group growing seed

b. As an individual seed

d. Other _____

contract grower

No

Proceed to **Section 7.2**

7.2. Do you know people who grow one or more of the following crop varieties?

| No. | Crop | Variety | Know someone? | Relationship |
|-----|--------------|-----------|--|--|
| | | | Do you know one or more people who have planted this crop variety? 1 – Yes 2 – No | What is your relationship to the people who have planted this? <i>Multiple answers allowed</i> 1-Family/relative 3-Friend 2-Neighbour 4-Other _____ |
| 1 | Maize | Sele | | |
| 2 | Rice | Nakroma | | |
| 3 | Peanut | Utamua | | |
| 4 | Cassava | Ai-luka 2 | | |
| | | Ai-luka 4 | | |
| 5 | Sweet potato | Hohrae 1 | | |
| | | Hohrae 2 | | |
| | | Hohrae 3 | | |

Part 8: Household food self-sufficiency

8.1 Sufficiency of grown foodcrops

During the last year, in which months was food available from the following crops that were grown by this household?

Mark with "X" all the months that apply to each crop.

| No. | Type of food crop | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 01 | Maize | | | | | | | | | | | | |
| 02 | Rice | | | | | | | | | | | | |
| 03 | Peanut | | | | | | | | | | | | |
| 04 | Cassava | | | | | | | | | | | | |
| 05 | Sweet potato | | | | | | | | | | | | |

8.2 Consumption of wild foods

During the last year, were there specific months when this household ate wild foods (e.g. wild yam [*kumbili*], elephant foot's yam [*maek*], wild bean [*koto fui*k], arrowroot [*kontas*], etc)?

Give an "X" mark to all months in which this household ate such foods.

| Wild foods (<i>kumbili</i> , <i>maek</i> , <i>koto fui</i> k, <i>kontas</i> , etc.) | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | | |

8.3 Purchase of rice in the last year

In the last year, in what months did the household buy rice for food? And if yes, how much was bought?

Write down the measurement unit mentioned 1- milk can(0.7 kg), 2-small sack (5 kg), 3-medium sack (25 kg),4-large sack (30 kg)

| Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | |
| Conversion into kg | | | | | | | | | | | |
| | | | | | | | | | | | |

8.4 Purchase of food in the last 30 days

In the last 30 days, did your household have to buy any of the following foods from the market?

Write the measurement unit mentioned by the respondent: Multiple answer allowed.

| No. | Crop | In local measurement unit | Conversion to kg |
|-----|--------------|---------------------------|------------------|
| 1 | Rice | | |
| 2 | Maize | | |
| 3 | Beans | | |
| 4 | Cassava | | |
| 5 | Sweet potato | | |

8.5 Household food insecurity access scale (HFIAS)

Questions to be asked to the person most involved in the preparation of food for the household

| | |
|---|--|
| <p>1. In the past four weeks, did you worry that your household would not have enough food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>1.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>2. In the past four weeks, were you or any household member not able to eat the kinds of foods you preferred because of a lack of resources?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>2.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>3. In the past four weeks, did you or any household member have to eat a limited variety of foods due to a lack of resources?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>3.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>4. In the past four weeks, did you or any household member have to eat some foods that you really did not want to eat because of a lack of resources to obtain other types of food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>4.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>5. In the past four weeks, did you or any household member have to eat a smaller meal than you felt you needed because there was not enough food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>5.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>6. In the past four weeks, did you or any other household member have to eat fewer meals in a day because there was not enough food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>6.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |

| | |
|---|--|
| <p>7. In the past four weeks, was there ever no food to eat of any kind in your household because of lack of resources to get food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>7.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>8. In the past four weeks, did you or any household member go to sleep at night hungry because there was not enough food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> ↓</p> | <p>8.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |
| <p>9. In the past four weeks, did you or any household member go a whole day and night without eating anything because there was not enough food?</p> <p>Yes <input type="checkbox"/> →</p> <p>No <input type="checkbox"/> Proceed to Part 9</p> | <p>9.1 How often did this happen?</p> <p><input type="checkbox"/> 1. Rarely (once or twice in the past 4 weeks)</p> <p><input type="checkbox"/> 2. Sometimes (three to ten times in the past 4 weeks)</p> <p><input type="checkbox"/> 3. Often (more than ten times in the past 4 weeks)</p> |

Part 9: Farming tools and farm equipment

9.1 Currently owned farming tools

| No. | Farming tool | Own? | Number | No. | Farming tool | Own? | Number |
|-----|--|-------------------|-----------|-----|--|-------------------|-----------|
| | Do you own a ... in workable condition (not broken)? | 1 – Yes 2 – No | How many? | | Do you own a ... in workable condition (not broken)? | 1 – Yes 2 – No | How many? |
| 01 | Hoe | | | 09 | Water can | | |
| 02 | Axe | | | 10 | Crop drying area | | |
| 03 | Shovel | | | 11 | Tarpaulin / canvass | | |
| 04 | Planting stick | | | 12 | Wheelbarrow | | |
| 05 | Pick | | | 13 | Ox-cart | | |
| 06 | Big knife / machete | | | 14 | Hand-operated sprayer | | |
| 07 | Sickle / Reaping hook | | | 15 | Bidon / drum | | |
| 08 | Corn sheller | | | 16 | Silo | | |
| | | | | 17 | Other _____ | | |

Part 10: Housing and household amenities

10.1 Housing condition

This is based on the observation by the interviewer; it does not need to be asked to the respondent.

What is the main construction material of the **external walls**?

1. Concrete / Brick 3. Bamboo 5. Clay / Soil 7. Rock
2. Wood 4. Corrugated iron / Zinc 6. Palm trunk (Bebak) 8. Other: _____

What is the main construction material of the **roof**?

1. Palm leaves / Talitahan / Thatch / Grass
2. Corrugated iron / Zinc
3. Tiles
4. Asbestos 6. Bamboo
5. Concrete 7. Tarpaulin / plastic
8. Other: _____

What is the main construction material of the **floor**?

1. Concrete
2. Tile / stone
3. Wood
4. Soil / Clay / Mud
5. Other: _____

10.2 Ownership of household items

| No. | Household item | Own? | Number | No. | Household item | Own? | Number |
|-----|--|-------------------|-----------|-----|--|-------------------|-----------|
| | Do you own a ... in workable condition (not broken)? | 1 – Yes 2 – No | How many? | | Do you own a ... in workable condition (not broken)? | 1 – Yes 2 – No | How many? |
| 1 | Chairs (plastic, wood) | | | 7 | Bicycle | | |
| 2 | Table | | | 8 | Motorcycle | | |
| 3 | Radio | | | 9 | Car / Van / Anggona | | |
| 4 | Television | | | 10 | Boat | | |
| 5 | Telephone / mobile | | | 11 | Refrigerator / freezer | | |
| 6 | Sewing machine | | | | | | |

Part 11: Agricultural extension and participation in community activities

1. Do you know who is the MAF extensionist in your Suco?

- Yes →
 No ↓
 Go to 3

1.1. What is your rating for services provided by MAF extensionist?

1. Very bad 4. Good
 2. Bad 5. Very good
 3. Satisfactory

2. Type of extension services you received in the past six months? *Multiple answer allowed*

- | | |
|------------------------------------|--|
| <input type="checkbox"/> 1. Visits | <input type="checkbox"/> 5. Chemical fertilizer |
| <input type="checkbox"/> 2. Advice | <input type="checkbox"/> 6. Chemical Pesticides |
| <input type="checkbox"/> 3. Seeds | <input type="checkbox"/> 7. Participation in exposure visits |
| <input type="checkbox"/> 4. Tools | <input type="checkbox"/> 8. Training |

3. Do you or members of this household, participate in one or more of the following groups?

- Yes →
 No ↓

3.1. Type of group *(multiple answer allowed)*

- 1. Farmer group association
- 2. Women association/OMT
- 3. Religious group
- 4. Savings/Credit group
- 5. Youth group
- 6. Communal food storage group
- 7. Health Group
- 8. Adat
- 9. Farmer cooperative/association
- 10. Coffee group
- 11. Other (specify).....

4. Have you or any member from your household participated in training?

- Yes →
 No ↓
 END

4.1 What kind of training? *(multiple answer allowed)*

- 1. Farmer Field Day
- 2. Seed production and storage
- 3. Marketing
- 4. Gender
- 5. Climate change
- 6. Nutrition
- 7. Savings & credit
- 8. Water and sanitation
- 9. SRI
- 10. ICM

Thank you for your time to answer these questions.

Annex 4. Baseline Survey Questionnaire (Tetun)



República Democrática de Timor-Leste

**Ministério das Finanças
Direcção Nacional de Estatística**

**Ministério da
Agricultura e Pescas**



**Seeds of Life
Fini ba Moris**

Survey Baze de Dadus Fini Ba Moris 3

Outubru 2011

Konsentimentu Informadu

Hello, Hau nia naran..... . hau serbisu ho Direcção Nacional da Estatística ne'ebe hamutuk ho Ministerio da Agricultura e Pescas hala'o survey ida ne'e. Ami hala'o survey kona ba agrikultura liuliu kona ba produsaun ai-han no atu aprende kona ba disponibilidade husi fini. Ami apresia tebes ita bo'ot nia partisipasaun tomak iha survey ida ne'e.

Iha survey ida ne'e hau hakarak atu koaliala ho membru uma kain adultu ida ou liu inklui chefe da familia se posível. Hau hakarak atu husu perguntas balun kona ba: típu ai-horis ne'ebe imi kuda; kuda nia barak oinsa; fini hetan husi ne'ebe; karik iha tinan kotuk ba uma kain hetan problema kona ba ai-han menus; atividade seluk ne'ebe halo mak hanesan saida; no perguntas balun kona ba kondisaun uma kain.

Informasaun ida ne'e sei ajuda governo hodi avalia karik liu husi esforsu fo asesu fini ne'ebe produtivu ba uma kain agrikultór iha Timor Leste laran tomak eficaz ka lae. Survey ne'e baibain hala'o han tempu entre minutu 45 ho 60 para kompleta. Informasaun ne'ebe ita bo'ot fo sei rai hanesan segredu no sei la fahe ba ema seluk atu nune'e para labele identifika ita bo'ot.

Partisipasaun iha survey ida ne'e hanesan voluntariu no ita bo'ot bele deside atu la hola parte iha ne'e. Maibe, ami espera katak ita bo'ot sei partisipa iha survey ida ne'e wainhira ita bo'ot nia vijaun sai importante mos.

Agora dadaun karik ita bo'ot atu husu buat ruma kona ba survey ida ne'e mai hau?

Hau bele hahu halo entrevista agora?

RESPONDENTE ASEITA ATU HALO ENTREVISTA

RESPONDENTE LA ASEITA ATU HALO ENTREVISTA

→ REMATA

Informasaun Kona ba Involvimentu Umakain iha Atividade Ai-horis Agricultura

Tanba objetivu husi survey ida ne'e atu hetan informasaun kona ba ai-horis, maka survey so halo entrevista deit ba agrikultór sira ne'ebe kuda kualker ai-horis. Nune'e uluk nanain ami sei husu perguntas hanesan tuir mai ne'e.

Karik ita bo'ot nia umakain kuda ai-horis hanesan tuir mai ne'e iha ita bo'ot nia to'os/natar durante tempu hirak liu ba to agora (hahu husi outubru 2010-setembru 2011)?

1 – Los 2 – Lae

1. Batar

2. Hare

3. Forerai

4. Ai-farina

5. Fehuk midar

Karik responde hatan "Los" (iha kodiku "1") ba ai-horis hotu ne'ebe iha leten kontinua entrevista.

Karik resposta hatan "Lae" ba ai-horis lima iha leten (iha kodiku "2" ba resposta hotu-hotu), maka hapara entrevista no fo obrigado ba respondente.

Parte 4. To'os/Natar ne'ebe iha no utilizasaun iha tinan kotuk ba (outobru 2010-setembru 2011)

Metade (To'os/Natar) ne'ebe umakain ne'e utiliza hodi kuda ai-horis iha tinan kotuk?

| No. parcela | Distansia husi uma | Luan | Ai-horis ne'ebe kuda | Irigasaun |
|-------------|---|---|--|---|
| | Minutu hira la'o husi uma ba to'os/natar? | To'os/Natar nia luan maizumenus oinsa? | Iha tempu (musim) kuda ikus to'os/natar kuda Ai-horis prinsipal saida? | Karik metade ou to'os/natar tomak hetan irigasaun iha tempu (musim) kuda? |
| | Hakerek iha minutu | Hakerek luan iha ha (ex 50 m x 40 m = 0.2 ha) | Hatama kodiku [C1] | 1 – Los 2 – Lae |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |

C1: Ai-horis ne'ebe kuda

- | | | | |
|------------|----------------|--------------------|-------------|
| 1. Batar | 4. Ai-Farina | 7. Koto | 10. Seluk: |
| 2. Hare | 5. Fehuk midar | 8. Terigu (Gandum) | 11. Seluk : |
| 3. Forerai | 6. Modo | 9. Jelai | 12. Seluk |

| Parte 5. Produsaun ai-han iha tinan kotuk (outobru 2010-setembru 2011) | | | | | | | | |
|--|---|--|---|---|---------------------------------------|---|--|--------------------|
| 5.1 Produsaun ai-han iha koileta tinan kotuk | | | | | | 5.2 Ai-horis hetan estraga iha tinan kotuk | | |
| No. | Tipu Ai-horis | Kuantidade | | Muda/konversa ba Kg | | Ai-horis ne'ebe estraga | Kauza importante ba estraga ai-horis | |
| | | Irigasaun | Laiha-irigasaun | Kg equivalensi a ba sasukat lokal | Kuantidade | | Irigasaun | Laiha-irigasaun |
| | <i>Hatama dadus ne'ebe hetan husi respondente iha filleiras korespondensia.</i> | To'os/Natar ne'ebe uja irigasaun koileta hetan hira? | To'os/Natar ne'ebe la uja irigasaun koileta hetan hira? | <i>Hakerek kg ekuivalensia ba sasukat lokal</i> | <i>Kalkula total produsaun iha Kg</i> | Karik estragus ne'ebe akontese ba ai-horis tinan kotuk ba mosu entre tempu kuda no koileta? | Karik Los, hatama kódku kona ba kauza importante ba estragus hasoru ai-horis ida ne'e | |
| | | Medida lokal | Medida Lokal | | Kg | | 1 – Los 2 – Lae | Hatama kodiku [C2] |
| 1 | Batar | | | | | | | |
| 2 | Hare | | | | | | | |
| 3 | Forerai | | | | | | | |
| 4 | Ai-Farina | | | | | | | |
| 5 | Fehuk midar | | | | | | | |

| | | |
|---|----------------------------------|---|
| C2: Tipu astragus ai-horis | | |
| 1. Animal domestiku ho asu | 4. Gafaenotu (<i>Belalang</i>) | 7. Udan makaas liu (mota bot, udan bot) |
| 2. Laho | 5. Pesti no moras seluk | 8. Udan be'e menus (rai maran) |
| 3. Animal fuik sira seluk (fahi, bibi rusa, lekirauk) | 6. Sunu ahi | 9. Ema naok |
| | | 10. Kauza seluk husi estragus: _____ |

Parte 6. Fini ho armazenamentu

6.1 Fonte fini no karaterístika ai-horis

Seksaun tuir mai aplika deit ba agrikultór sira ne'ebe kuda ai-horis oin ida ou liu husi ai-horis hirak tuir mai: batar, hare, forerai, ai-farina, fehuk midar.

Karik umakain la kuda ai-horis hirak ne'e maka kontinua liu ba **Parte 7**.

Varidade ida ne'ebe mak ita bo'ot sira uja husi ai-horis oioin ne'ebe kuda iha tempu (musim) ikus liu ba?

| No. | Tipu ai-horis | Varidade fini ne'ebe kuda | Fonte fini | Komesa husi sa tinan kuda variedade ne'e | Produtividade | Razaun hili varidade ne'e | Intensaun atu kuda varidade ne'e iha tempu kuda mai fali | |
|-----|---------------|--|---|--|--|---|---|---|
| | | | | | | | Karik ita bo'ot iha planu atu kuda fila-fali varidade ne'e iha tinan oin mai? | Karik resposta hatan "Lae", razaun saida mak lakohi atu kuda fila-fali? |
| | | Varidade saida deit mak ita bo'ot nia uma kain kuda iha tempu kuda ida ikus liu? | Varidade fini ida ne'ebe kuda, nia fonte husi ne'ebe? | Iha sa tinan uja varidade fini ne'e? | Oinsa nia produtividade wainhira kompara ho varidade lokál? | Ho razaun prinsipál saida mak hili varidade ida ne'e? | 1 – Los 2 – Lae | Hatama kódku [C6] <i>La limita ba número razaun ne'ebe haktuir</i> |
| | | <i>Prese ba varidade hotu-hotu ne'ebe kuda</i> | Hatama kodiku [C3] | | Hatama kodiku [C4] | Hatama kódku [C5] <i>La limita ba husi razaun ne'ebe haktuir</i> | | |
| 1 | Batar | a. Sele | | | | | | |
| | | b. Batar Lais | | | | | | |
| | | c. Batar Bot | | | | | | |
| | | d. Suwan-5 | | | | | | |
| | | e. Arjuna | | | | | | |
| | | f. Kalinga | | | | | | |
| | | g. <i>Haluha naran</i> | | | | | | |
| | | h. _____ | | | | | | |

C3: Fonte fini

1. Fini rasik, haloot husi koileta ikus
2. Sosa iha merkadu
3. Sosa husi banku fini komunidadegrupu fini komunidadu
4. Sosa husi familia/viziñu/kolega
5. Fo deit husi familia/viziñu/kolega
6. Fo deit husi governo
7. Fo deit husi ONG
8. Fo deit husi Igreja
9. Seluk _____

C4: Produtividade

1. Diak liu husi varidade lokál
2. Diak liu uitoan husi varidade lokál
3. Hanesan ho varidade lokál
4. Aat liu husi varidade lokál
5. Aat liu uitoan husi varidade lokál
6. La hatene/hanoin

C5: Razaun hili varidade

1. Sempre kuda ida ne'e
2. Hili deit ida ne'ebe mak iha
3. Simu gratuitu
4. Produtivu liu
5. Sabor diak liu
6. Kor diak
7. Fasil atu haloot wainhira koileta
8. Adapta diak ho klíma lokál
9. Rezistencia ba anin (badak)
10. Seluk _____

C6: Razaun la kuda fila-fali

1. Hakarak atu kuda fila-fali, maibe la hetan fini refere
2. Fini fa'an iha merkadu lokál maibe osan atu sosa laiha
3. Produsaun menus liu
4. Presija involve ema barak atu kuda.
5. La adapta ho rai lokál
6. La adapta ho kondisaun tempu lokál
7. la rezistencia ba anin bot
9. Sabor ladiak
9. Difisil atu haloot/iha tempu koileta barak mak lakon
10. Seluk _____

| No. | Tipu ai-horis | Varidade fini ne'ebe kuda | Fonte fini | Komesa husi sa tinan kuda variedade ne'e | Produtividade | Razaun hili varidade ne'e | Intensaun atu kuda varidade ne'e iha tempu kuda mai fali | |
|----------|---------------|--|---|--|--|--|--|---|
| | | Varidade saida deit mak ita bo'ot nia uma kain kuda iha tempu kuda ida ikus liu? | Varidade fini ida ne'ebe kuda, nia fonte husi ne'ebe? | Iha sa tinan uja varidade fini ne'e? | Oinsa nia produtividade wainhira kompara ho varidade lokál? | Ho razaun prinsipál saida mak hili varidade ida ne'e? | Karik ita bo'ot iha planu atu kuda fila-fali varidade ne'e iha tinan oin mai? | Karik resposta hatan "Lae", razaun saida mak lakohi atu kuda fila-fali ? |
| | | <i>Prese ba varidade hotu-hotu ne'ebe kuda</i> | Hatama kodiku [C3] | | Hatama kodiku [C4] | Hatama kódiku [C5] <i>La limita ba husi razaun ne'ebe haktuir</i> | 1 – Los 2 – Lae | Hatama kódiku [C6] <i>La limita ba número razaun ne'ebe haktuir</i> |
| 2 | Hare | a. Nakroma | | | | | | |
| | | b. IR-64 | | | | | | |
| | | c. IR-54 | | | | | | |
| | | d. IR-36 | | | | | | |
| | | e. IR-8 | | | | | | |
| | | f. IR-5 | | | | | | |
| | | g. Mamberamo | | | | | | |
| | | h. Silaun | | | | | | |
| | | i. Nona Portu | | | | | | |
| | | j. President | | | | | | |
| | | k. <i>Haluha naran</i> | | | | | | |
| l. _____ | | | | | | | | |
| 3 | Forerai | a. Utamua | | | | | | |
| | | b. <i>Haluha naran</i> | | | | | | |
| | | c. _____ | | | | | | |

| No. | Tipu ai-horis | Varidade fini ne'ebe kuda | Fonte fini | Komesa husi sa tinan kuda variedade ne'e | Produtividade | Razaun hili varidade ne'e | Intensaun atu kuda varidade ne'e iha tempu kuda mai fali | |
|-----|---------------|-----------------------------|--------------------|--|--------------------|---------------------------|--|---|
| | | | | | | | Karik ita bo'ot iha nia uma kain kuda iha tempu kuda ida ikus liu? | Varidade fini ida ne'ebe kuda, nia fonte husi ne'ebe? |
| | | | Hatama kodiku [C3] | | Hatama kodiku [C4] | Hatama kodiku [C5] | 1 – Los 2 – Lae | Hatama [C6] |
| 4 | Ai-farina | a. Ai-luka 2 | | | | | | |
| | | b. Ai-luka 4 | | | | | | |
| | | c. Aifarinha boraisa | | | | | | |
| | | d. Aifarinha manteiga bo'ot | | | | | | |
| | | e. Aifarinha manteiga kiik | | | | | | |
| | | f. Lesu | | | | | | |
| | | g. Nona metan | | | | | | |
| | | h. Silva | | | | | | |
| | | i. <i>Haluha naran</i> | | | | | | |
| | | j. _____ | | | | | | |
| 5 | Fehuk | a. Hohrae 1 | | | | | | |
| | | b. Hohrae 2 | | | | | | |
| | | c. Hohrae 3 | | | | | | |
| | | d. Lokal mutin | | | | | | |
| | | e. Lokal mean | | | | | | |
| | | f. Lokal Atabae | | | | | | |
| | | g. <i>Haluha naran</i> | | | | | | |
| | | h. _____ | | | | | | |

6.2 Karik varidade ai-horis ne'ebe umakain ida ne'e uja ba kuda iha tinan kotuk liu ba maibe agora la uja fali ona?

Los Kontinua ho perguntas iha kraik
 Lae Kontinua ba **Seksaun 6.3**

| No. | Ai-horis | Naran varidade | Kuda tinan hira ona | Razaun la kontinua kuda |
|-----|--|--|--|---|
| | <i>Hakerek naran ai-horis ne'ebe respondente hateten</i> | <i>Hakerek naran varidade ne'ebe haktuir. Karik varidade nia naran la hatene maka hakerek deit "La hatene"</i> | Tinan hira ona ita bo'ot kuda varidade ne'e? | Razaun saida deit mak halo ita la kontinua tan kuda varidade ne'e? Hatama kódiu [C7] |
| | | | | |
| | | | | |
| | | | | |

C7: Razaun la kontinua kuda varidade ne'e

- Hakarak atu kuda fila fali maibe la hetan fini refere
- Fini fa'an iha merkadu maibe osan atu sosa laiha
- Produsaun menus liu
- Presija serbisu makaas atu kuda
- La adapta ho rai lokál
- La adapta ho kondisaun tempu lokál
- Sabor han la diak
- Difisil atu haloot/post-koileta lakon barak liu
- Laiha ketrampilan produs / rai fini
- Seluk: _____

*Seksaun iha kraik husu ba respondente ne'ebe haktuir katak sira **Laiha intensaun atu kuda fila-fali varidade batar tanba produsaun ki'ik liu.***

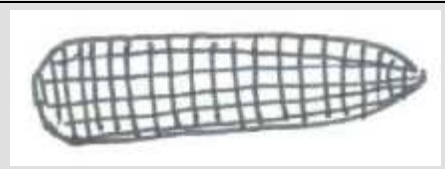
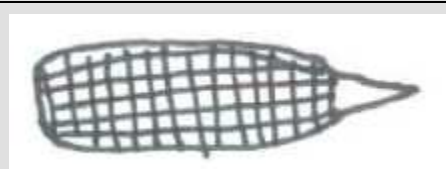
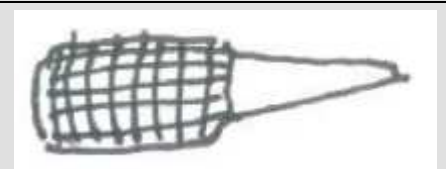
*Ba respondente seluk, kontinua ba **Seksaun 6.4.***

6.3 Avaliasaun ba udan been ho batar ne'ebe kuda iha tempu ikus liu.

| No. | Faze batar moris | Udan been durante tempu kuda ikus liu | | | | | |
|-----|------------------------|---|------------------|--------|----------------|---------|--------------------|
| | | Durante tempu kuda ikus liu, oinsa udan been durante faze batar moris hanesan tuir mai? | | | | | |
| | | Menus liu | Menus liu normal | Normal | Aas liu normal | Aas los | La hanoin / lembra |
| | | Marka ho X iha kolom korespondente | | | | | |
| 1 | Preparasaun rai | | | | | | |
| 2 | Kuda | | | | | | |
| 3 | Moris antes funan mosu | | | | | | |
| 4 | Funan mosu | | | | | | |
| 5 | Koileta | | | | | | |

6.4 Iha tempu koileta batar, mayoria kondisaun batar fulin oinsa?

Marka ho X iha figura koresponde

| Fulin nakonu | Fulin nia tutun musan laiha | Musan la nakonu |
|---|--|---|
|  |  |  |

6.5 Perguntas adisional ba to'os nain ne'ebe kuda batar

| <p>4. Iha uma kain ne'e, ita bo'ot mak decide atu kuda veridade batar ida nebe?</p> <p>Los <input type="checkbox"/> Lae <input type="checkbox"/> →</p> <p style="text-align: center;">↓</p> | <p>1.1 se mak decide? <input type="checkbox"/></p> <p>1. Chefe da familia 2. Laen 3. Fen 4. Ema seluk _____</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------|-------------------------------------|------------------------------|---------------|--|--|----------|----------|-------------------------------------|------------------------------|---------------|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <p>5. Iha umakain ne'e, ita bot mos seleksi/hili hotu fini ne'ebe atu haloot para kuda fila-fali iha tempu tur mai?</p> <p>Los <input type="checkbox"/> Lae <input type="checkbox"/> →</p> <p style="text-align: center;">↓</p> | <p>2.2 Se mak halo seleksaun? <input type="checkbox"/></p> <p>1. Chefe da familia 2. Laen 3. Fen 4. Ema seluk _____</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>6. Rai kuak ida ita bot kuda batar musan hira? <i>Hili/lingkar nia resposta</i></p> <p>1. ○ 3. ○○○○ 2. ○○ 4. ○○○○○</p> | <p>4. Tekniku selesaun fini saida mak ita bot baibain uja ba batar? (<i>bele hili liu husi ida</i>)</p> <p><input type="checkbox"/> 1. Haloot fini husi total koileta <input type="checkbox"/> 2. Hili ai-planta spesifiku husi hirak ne'ebe iha para sai hanesan fini <input type="checkbox"/> 3. Hili fulin ne'ebe iha depois de koileta <input type="checkbox"/> 4. Hili fini husi parte spesifiku iha nia fulin</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>5. Karik ita bot membru husi grupu agrikultór?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓ Kontinua ba 8</p> | <p>6. Karik ita bot nia grupu produs fini ba nia membru grupu?</p> <p><input type="checkbox"/></p> <p>1 - Los 2- Lae 3 – La hatene</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>7. Karik ita bot nia grupu mos fa'an fini?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓</p> | <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width:15%;"></th> <th style="width:15%;">Ai-horis</th> <th style="width:15%;">Varidade</th> <th style="width:15%;">Fini produs iha tinan kotuk ba (kg)</th> <th style="width:15%;">Total fini ne'ebe fa'an (kg)</th> <th style="width:15%;">Folin (\$/kg)</th> <th style="width:15%;">Total osan husi fini ne'ebe fa'an (\$)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Batar</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="3">Hare</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="3">Forerai</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | Ai-horis | Varidade | Fini produs iha tinan kotuk ba (kg) | Total fini ne'ebe fa'an (kg) | Folin (\$/kg) | Total osan husi fini ne'ebe fa'an (\$) | Batar | | | | | | | | | | | | | | | | | | | Hare | | | | | | | | | | | | | | | | | | | Forerai | | | | | | | | | | | | | | | | | | |
| | Ai-horis | Varidade | Fini produs iha tinan kotuk ba (kg) | Total fini ne'ebe fa'an (kg) | Folin (\$/kg) | Total osan husi fini ne'ebe fa'an (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Batar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Hare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Forerai | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>8. Karik iha grupu agrikultór balu iha ita bot nia Suco laran mak fa'an fini tinan tinan? <input type="checkbox"/></p> <p>1 – Los 2 – Lae 3 – La hatene</p> | <p>9. Karik iha negociante/vendedor fini iha merkadu lokál ne'ebe sosa/ fa'an fini atu kuda? <input type="checkbox"/></p> <p>1 – Los 2 – Lae 3 – La hatene</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|--|
| <p>10. Karik ita bot rona kona ba pameran fini/seed fairs?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓ Ba Seksaun 6.6</p> | <p>11. Aktividade ne'e halo iha ne'ebe iha tempu uluk?</p> <p style="text-align: right;"><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> <p>1. Iha Suco 2. Iha Sub-distritu 3. Iha Distritu 4. Iha merkadu sentrál rejaun 5. Iha Dili</p> |
| | <p>12. Se mak organiza pameran fini iha tempu uluk?</p> <p style="text-align: right;"><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> <p>1. MAP 2. Gereja 3. NGO 4. Kompana 5. Seluk 6. La hatene</p> |

6.6 Iha tempu kuda ikus, montante/kuantidade fini / kain hira mak uja husi varidade ai-horis hirak ne'ebe mak atu kuda?

Tabela iha kraik prence ba ai-horis ho varidade hirak ne'ebe haktuir husi respondente iha leten.

| Ai-horis | | | | | |
|------------------------|--|----|------------------------|--|----|
| 3. Batar | | | 4. Háre | | |
| Varidade | Kuantidade fini ne'ebe uja durante tempu kuda ikus | | Varidade | Kuantidade fini ne'ebe uja durante tempu kuda ikus | |
| | Medida lokal | kg | | Medida lokal | kg |
| a. Sele | | | a. Nakroma | | |
| b. Batar Lais | | | b. IR-64 | | |
| c. Batar Bot | | | c. IR-54 | | |
| d. Suwan-5 | | | d. IR-36 | | |
| e. Arjuna | | | e. IR-8 | | |
| f. Kalinga | | | f. IR-5 | | |
| g. <i>Haluha naran</i> | | | g. Mamberamo | | |
| h. _____ | | | h. Silaun | | |
| 3. Forerai | | | i. Nona Portu | | |
| Varidade | Kuantidade fini ne'ebe uja durante tempu kuda ikus | | j. President | | |
| | Medida lokal | kg | k. <i>Haluha naran</i> | | |
| a. Utamua | | | l. _____ | | |
| b. <i>Haluha naran</i> | | | | | |
| c. _____ | | | | | |

| 4. Ai-fariña | | 5. Fehuk midar | |
|-----------------------------|--|------------------------|--|
| Varidade | Kuantidade ai-farina kain ne'ebe uja durante tempu kuda ikus | Varidade | Kuantidade fehuk midar kain ne'ebe uja durante tempu kuda ikus |
| a. Ai-luka 2 | | a. Hohrae 1 | |
| b. Ai-luka 4 | | b. Hohrae 2 | |
| c. Aifarinha boraisa | | c. Hohrae 3 | |
| d. Aifarinha manteiga bo'ot | | d. Lokal mutin | |
| e. Aifarinha manteiga kiik | | e. Lokal mean | |
| f. Lesu | | f. Lokal Atabae | |
| g. Nona metan | | g. <i>Haluha naran</i> | |
| h. Silva | | h. _____ | |
| i. <i>Haluha naran</i> | | | |
| j. _____ | | | |

6.7 Haloot batar ba han no fini

Karik umakain ne'e la kuda batar maka kontinua ba **Parte 8**.

Oinsa ita bot haloot fini no ai-han batar ne'ebe hetan husi koileta ikus?

| No. | Metodu haloot | Ai-han batar | Fini batar | Razaun hili métodu haloot ida ne'e | Estimasaun kona ba lakon |
|-----|--|--|--|--|---|
| | | Ai-han batar kg hira mak haloot iha maneira hanesan ne'e? | Fini batar kg hira mak haloot iha maneira hanesan ne'e? | Razaun saida deit mak halo ita bot hili métodu haloot ida ne'e? <i>Bele responde liu husi ida</i> | Haloot ho métodu hanesan ne'e hira mak lakon ou labele uja? <i>Uja métodu koto</i> |
| | | Medida Lokal | Medida Lokal | Hatama kódiuku [C8] | Persentajen |
| 01 | Haloot iha saku | | | | |
| 02 | Haloot iha ahi matan leten | | | | |
| 03 | Tara iha ai | | | | |
| 04 | Haloot iha bidon – Ba umakain ida ne'e deit | | | | |
| 05 | Haloot iha bidon – Hamutuk ho umakain seluk | | | | |
| 06 | Haloot iha masa (s) – Ba umakain ida ne'e deit | | | | |
| 07 | Haloot iha masa (s) – Hamutuk ho umakain seluk | | | | |
| 08 | Haloot iha silo – Ba umakain ida ne'e deit | | | | |
| 09 | Haloot iha silo – Hamutuk ho umakain seluk | | | | |
| 10 | Haloot iha uma kikoan halo aas (Bouleten) | | | | |
| 11 | La haloot; fa'an hotu | | | | |
| 12 | Seluk _____ | | | | |

C8: Hili métodu haloot batar

- | | |
|--|---|
| 1. Baibain/sempré uja métodu ida ne'e | 5. Siguru/rísku ki'ik liu para atu lakon |
| 2. Baratu | 6. Risku ki'ik liu para atu hetan estragus husi fuhuk |
| 3. Fasil atu kontorala kuantidade batar ne'ebe sei iha | 7. Risku ki'ik liu para atu hetan estragus husi laho |
| 4. Fasil atu muda ai-han ne'ebe haloot | 8. Seluk, spesifika _____ |

6.8 Haloot hare ne'ebe lakon

Karik umakain la kuda ai-horis háre, kontinua ba **Parte 7**.

Resultadu koileta háre umakain ne'e iha tinan kotuk ne'ebe haloot iha persentase hira? %
depois lakon/aat no labele uja tan? *Uja metodu forerai hodi sura.*

Parte 7. Familiaridade ho Seeds of Life (Fini ba Moris)

7.1 Karik ita bot rona kona ba program “Fini ba Moris”?

Los *Kontinua ho perguntas iha kraik*
 Lae *Kontinua ba **Seksaun 7.2***

| | |
|---|---|
| 1 | <p>Horibainhira mak ita bot hatene kona ba Programa Seeds of Life?</p> <p>a. Fulan neen liu ba <input type="checkbox"/></p> <p>b. Entre tinan ida ho fulan neen liu ba <input type="checkbox"/></p> <p>c. Entre tinan tolu ho tinan ida liu ba <input type="checkbox"/></p> <p>d. Liu husi tinan tolu liu ba <input type="checkbox"/></p> <p>e. Haluha ona <input type="checkbox"/></p> |
| 2 | <p>Oinsa ita bot hatene kona ba Programa Fini ba Moris? <i>Marka resposta hotu-otu ne'ebe los</i></p> <p>a. Husi familia <input type="checkbox"/></p> <p>b. Husi viziñu <input type="checkbox"/></p> <p>c. Husi staf program “Fini ba Moris” <input type="checkbox"/></p> <p>d. Husi media (koran, radio, TV) <input type="checkbox"/></p> <p>e. Husi ONG/organizasaun <input type="checkbox"/></p> <p>f. Husi staf MAP / Estensionista <input type="checkbox"/></p> <p>g. Husi Gereja <input type="checkbox"/></p> <p>h. Seluk _____ <input type="checkbox"/></p> |
| 3 | <p>Karik ita bot ou membru ruma husi umakain ida ne'e involve iha atividade Programa Seeds of Life (Fini ba Moris)? <i>Marka resposta hotu-hotu ne'ebe los</i></p> <p>Los <input type="checkbox"/> a. Hanesan agrikultór OFDT <input type="checkbox"/></p> <p>b. Hanesan individu kontratu <input type="checkbox"/></p> <p>c. Hanesan membru grupu kuda fini <input type="checkbox"/></p> <p>d. Seluk _____ <input type="checkbox"/></p> <p>hodi kuda fini</p> <p>Lae <input type="checkbox"/> <i>Kontinua ba Seksaun 7.2</i></p> |

7.2. Karik ita bot hatene ema ne'ebe kuda ai-horis oin ida ka liu husi varidade ai-horis tuir mai?

| No. | Ai-horis | Varidade | Hatene ema ruma? Karik ita bot hatene ema ruma ne'ebe kuda ona varidade ida ne'e? 1 – Los 2 – Lae | Relasaun Oinsa ita bot nia relasaun ho ema ne'ebe kuda ona varidade ne'e? <i>Resposta bele liu husi ida</i> 1- Familia 3-Kolega 2- Vizinu 4-Seluk _____ |
|-----|-------------|-----------|--|--|
| 1 | Batar | Sele | | |
| 2 | Hare | Nakroma | | |
| 3 | Forerai | Utamua | | |
| 4 | Ai farina | Ai-luka 2 | | |
| | | Ai-luka 4 | | |
| 5 | Fehuk midar | Hohrae 1 | | |
| | | Hohrae 2 | | |
| | | Hohrae 3 | | |

Parte 8: Auto-sufisiensia ai-han umakain

8.1 Sufisiensia husi ai-horis ne'ebe kuda

Fulan saida mak ita bot konsumi produktu tuir mai iha tinan kotuk ba?

Marka ho "X" ba fulan hotu-hotu ne'ebe kona ba kada produktu.

| No. | Tipu ai-horis | Out | Nov | Des | Jan | Feb | Mar | Abr | Mai | Jun | Jul | Agu | Sep |
|-----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 01 | Batar | | | | | | | | | | | | |
| 02 | Háre | | | | | | | | | | | | |
| 03 | Forerai | | | | | | | | | | | | |
| 04 | Ai-farina | | | | | | | | | | | | |
| 05 | Fehuk midar | | | | | | | | | | | | |

8.2 Ai-han Fuik

Iha tinan kotuk liu ba, karik iha fulan fulan refere iha umakain ne'e han ai-han fuik (ex. kumbili, maek, koto fuik, kontas dll).

Marka ho "X" ba fulan hotu-hotu ne'ebe kona ba kada produktu.

| Ai-han fuik (kumbili, maek, koto fuik, kontas dll.) | Out | Nov | Des | Jan | Feb | Mar | Apr | Mai | Jun | Jul | Agu | Sep |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | | |

8.3 Sosa fos iha tinan kotuk ba

Iha tinan kotuk ba, fulan saida mak ita bot nia umakain sosa fos? No karik los, sosa hira?

Hakerek sasukat ne'ebe uja hanesan lata susuben 1 (0.7 kg), plastiku ki'ik 2 (5 kg), saku medium 3 (25 kg), saku bot 4 (30 kg)

| Out | Nov | Des | Jan | Feb | Mar | Apr | Mai | Jun | Jul | Agu | Sep |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | |
| Muda/Konversa ba kg | | | | | | | | | | | |
| | | | | | | | | | | | |

8.4 Sosa ai-han iha loron 30 ikus

Iha loron 30 ikus, karik ita bot nia umakain tenke sosa kualker ai-han tuir mai iha merkadu?

Hakerek sasukat ne'ebe haktuir husi respondente: Bele responde liu husi ida; ex 2, 2 signifika sosa saku ki'ik dalarua.

| No. | Ai-horis | Medida lokal | Muda ba kg |
|-----|-------------|--------------|------------|
| 1 | Fos | | |
| 2 | Batar | | |
| 3 | Koto | | |
| 4 | Ai-farina | | |
| 5 | Fehuk midar | | |

8.5 Aseu Eskala Ai-han Insiguransa iha Umakain

Perguntas husu ba ema ne'ebe involve liu iha preparasaun ai-han ba umakain

1. Iha semana haat liu ba, karik ita bo'ot dúvida uitoan katak ai-han ba ita bot nia umakain la to'o?

Los →
Lae ↓

1.1 Karik ida ne'e akontese bebeik?

1. Ladun
(dalaida ou dalarua iha semana 4 nia laran)
2. Dalaruma
(dalatolu to sanulu iha semana 4 nia laran)
3. Bebeik
(Liu husi dalasanulu iha semana 4 nia laran)

2. Iha semana haat liu ba, karik ita bot ou membru ruma husi uma kain labele han hahan ne'ebe ita bot prefere tanba rekursu limitadu?

Los →
Lae ↓

2.1 Karik ida ne'e akontese bebeik?

1. Ladun
(dalaida ou dalarua iha semana 4 nia laran)
2. Dalaruma
(dalatolu to sanulu iha semana 4 nia laran)
3. Bebeik
(Liu husi dalasanulu iha semana 4 nia laran)

3. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain tenke han uitoan deit husi aihan ne'ebe ita bot prepara tanba rekursu limitadu?

Los →
Lae ↓

3.1 Karik ida ne'e akontese bebeik?

1. Ladun
(dalaida ou dalarua iha semana 4 nia laran)
2. Dalaruma
(dalatolu to sanulu iha semana 4 nia laran)
3. Bebeik
(Liu husi dalasanulu iha semana 4 nia laran)

4. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain tenke han ai-han balun ne'ebe ita bot la gosta atu han tanba deit rekursu limitadu atu hetan ai-han seluk?

Los →
Lae ↓

4.1 Karik ida ne'e akontese bebeik?

1. Ladun
(dalaida ou dalarua iha semana 4 nia laran)
2. Dalaruma
(dalatolu to sanulu iha semana 4 nia laran)
3. Bebeik
(Liu husi dalasanulu iha semana 4 nia laran)

5. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain tenke han ai-han uitoan liu ida ne'ebe ita bot prefere tanba deit ai-han la to'o?

Los →
Lae ↓

5.1 Karik ida ne'e akontese bebeik?

1. Ladun
(dalaida ou dalarua iha semana 4 nia laran)
2. Dalaruma
(dalatolu to sanulu iha semana 4 nia laran)
3. Bebeik
(Liu husi dalasanulu iha semana 4 nia laran)

| | |
|---|--|
| <p>6. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain tenke han ai-han uitoan liu iha loron ida nia laran tanba deit ai-han la to'o?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓</p> | <p>6.1 Karik ida ne'e akontese bebeik?</p> <p><input type="checkbox"/> 1. Ladun (dalaida ou dalarua iha semana 4 nia laran)</p> <p><input type="checkbox"/> 2. Dalaruma (dalatolu to sanulu iha semana 4 nia laran)</p> <p><input type="checkbox"/> 3. Bebeik (Liu husi dalasanulu iha semana 4 nia laran)</p> |
| <p>7. Iha semana haat liu ba, karik akontese hahan laiha atu han iha uma laran tanba deit rekursu limitadu atu buka ai-han?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓</p> | <p>7.1 Karik ida ne'e akontese bebeik?</p> <p><input type="checkbox"/> 1. Ladun (dalaida ou dalarua iha semana 4 nia laran)</p> <p><input type="checkbox"/> 2. Dalaruma (dalatolu to sanulu iha semana 4 nia laran)</p> <p><input type="checkbox"/> 3. Bebeik (Liu husi dalasanulu iha semana 4 nia laran)</p> |
| <p>8. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain toba deit la han tanba hahan la to'o?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> ↓</p> | <p>8.1 Karik ida ne'e akontese bebeik?</p> <p><input type="checkbox"/> 1. Ladun (dalaida ou dalarua iha semana 4 nia laran)</p> <p><input type="checkbox"/> 2. Dalaruma (dalatolu to sanulu iha semana 4 nia laran)</p> <p><input type="checkbox"/> 3. Bebeik (Liu husi dalasanulu iha semana 4 nia laran)</p> |
| <p>9. Iha semana haat liu ba, karik ita bot ou membru ruma husi umakain sai loron to kalan tomak la han tanba deit ai-han la to'o?</p> <p>Los <input type="checkbox"/> →</p> <p>Lae <input type="checkbox"/> Kontinua ba Parte 9</p> | <p>9.1 Karik ida ne'e akontese bebeik?</p> <p><input type="checkbox"/> 1. Ladun (dalaida ou dalarua iha semana 4 nia laran)</p> <p><input type="checkbox"/> 2. Dalaruma (dalatolu to sanulu iha semana 4 nia laran)</p> <p><input type="checkbox"/> 3. Bebeik (Liu husi dalasanulu iha semana 4 nia laran)</p> |

Parte 9: Instrumentu no ekipamentu halo to'os/natar

9.1 Instrumentu halo to'os ne'ebe agora dadaun iha.

| No. | Instrumentu halo to'os | Rasik? | Numeru | No. | Instrumentu halo to'os | Rasik? | Numeru |
|-----|---|--------------------|--------|-----|---|--------------------|--------|
| | Karik ita bot iha ida ne'ebe nia kondisaun sei bele uja (la aat)? | 1 – Los 2 – Lae | Hira? | | Karik ita bot iha.....ne'ebe nia kondisaun sei bele uja (la aat)? | 1 – Los 2 – Lae | Hira? |
| 01 | Enxada | | | 09 | Gembor/Regador modo | | |
| 02 | Kapak | | | 10 | Fatin habai | | |
| 03 | Kanuru | | | 11 | Terpal / Lona | | |
| 04 | Ai hodi kuda | | | 12 | Gerobak lima (1 roda) | | |
| 05 | Aisuak | | | 13 | Gerobak dada (2 roda) | | |
| 06 | Katana | | | 14 | Regador / peste | | |
| 07 | Sabit | | | 15 | Bidon / drum | | |
| 08 | Makina Loke batar | | | 16 | Silo | | |
| | | | | 17 | Seluk _____ | | |

Parte 10: Uma no nia fasilidade

10.1 Kondisaun Uma

Informasaun ida ne'e bazeia ba observasaun husi entrevistador; ida ne'e la presija husu ba respondente.

Materiais uja ba didin liur mak saida?

1. Semente/Bloku 3. Au 5. Rai 7. Fatuk
2. Ai 4. Zinku/sen 6. Bebak 8. Seluk: _____

Materiais uja ba duku kakuluk mak saida?

1. Talitahan ou du'tut
2. Zinku/sen
3. Tella
4. Asbes 6. Au
5. Semente 7. Lona
8. Seluk: _____

Materiais uja ba sementi mak saida?

1. Semente
2. Ajuleju
3. Ai
4. Rai ou Tahu
6. Seluk: _____

10.2 Sasan uma laran

| No. | Sasan umakain | Rasik? | Numeru | No. | Sasan umakain | Rasik? | Numeru |
|-----|--|--------------------|--------|-----|--|--------------------|--------|
| | Karik ita bot ihane'ebe nia kondisaun sei bele uja (la aat)? | 1 – Los 2 – Lae | Hira? | | Karik ita bot ihane'ebe nia kondisaun sei bele uja (la aat)? | 1 – Los 2 – Lae | Hira? |
| 1 | Kadera (plastik, ai) | | | 7 | Bicykleta | | |
| 2 | Meja | | | 8 | Motor | | |
| 3 | Radio | | | 9 | Kareta | | |
| 4 | TV | | | 10 | Ro / bero | | |
| 5 | Telefone / HP | | | 11 | Jeleira | | |
| 6 | Makina suku rupa | | | | | | |

Parte 11: Estensaun agríkula no partisipasaun iha atividade comunidade

1. Karik ita bot hatene se mak estensionista MAP iha ita nia Suco?

Los →

Lae ↓

Kontinua ba 3

1.2. Oinsa ita fo valor ba estensionista ne'ebe serbisu husi MAP?

1. Ladiak liu
2. Ladiak
3. Diak uitoan

4. Diak
5. Diak liu

2. Tipu serbisu estensaun ne'ebe ita bot hetan ou simu iha fulan neen ikus? *Bele responde liu husi ida*

- | | |
|--------------------------|----------------|
| <input type="checkbox"/> | 1. Vizita |
| <input type="checkbox"/> | 2. Konsellu |
| <input type="checkbox"/> | 3. Fini |
| <input type="checkbox"/> | 4. Instrumentu |

- | | |
|--------------------------|-----------------------------|
| <input type="checkbox"/> | 5. Adubu kímiku |
| <input type="checkbox"/> | 6. Pesticida kímiku |
| <input type="checkbox"/> | 7. Partisipasaun iha vizita |
| <input type="checkbox"/> | 8. Treinamentu |

3. Karik ita bot ou membru ruma husi umakain partisipa iha grupu ida ka rua tuir mai?

Los →

Lae ↓

3.1. Tipu grupu (*bele responde liu husi ida*)

- | | |
|--------------------------|--------------------------------------|
| <input type="checkbox"/> | 1. Asosiasaun grupu agrikultór |
| <input type="checkbox"/> | 2. Asosiasaun fetu/OMT |
| <input type="checkbox"/> | 3. Grupu relijioza |
| <input type="checkbox"/> | 4. Kelompok simpan/pinjam |
| <input type="checkbox"/> | 5. Grupu kreditu |
| <input type="checkbox"/> | 6. Grupu juventude |
| <input type="checkbox"/> | 7. Grupu saude |
| <input type="checkbox"/> | 8. Adat |
| <input type="checkbox"/> | 9. Asosiasaun/Kooperativa agrikultór |
| <input type="checkbox"/> | 10. Grupu kafe |
| <input type="checkbox"/> | 11. Seluk (espesifika) |

4. Karik ita bot ou membru ruma husi umakain mak partisipa iha treinamentu?

Los →

Lae ↓

Remata

4.1 Treinamentu saida? (*bele responde liu husi ida*)

- | | |
|--------------------------|---------------------------|
| <input type="checkbox"/> | 1. Loron To'os Nain |
| <input type="checkbox"/> | 2. Habarak no Haloot Fini |
| <input type="checkbox"/> | 3. Markadoria |
| <input type="checkbox"/> | 4. Jeneru |
| <input type="checkbox"/> | 5. Mudansa Klimatika |
| <input type="checkbox"/> | 6. Nutrisaun |
| <input type="checkbox"/> | 7. Kreditu |
| <input type="checkbox"/> | 8. Bee no saneamentu |
| <input type="checkbox"/> | 9. SRI |
| <input type="checkbox"/> | 10. ICM |

Obrigado ba ita bo'ot nia tempu hodi responde ba ami nia perguntas.

Annex 5. Conversion Table for Crop Harvests

| Commodity | Local measurement unit | Conversion (kg) |
|---|---|-----------------|
| Husked rice | Sack 5 kg | 5 |
| | Sack 25 kg | 25 |
| | Sack 30 kg | 30 |
| | Sack 50 kg | 50 |
| | Drum 200 L | 160 |
| | Can 12 L | 9.6 |
| | Can 5 L | 4 |
| | Milk can brand “ <i>Enak</i> ” 250 gr | 0.25 |
| | Milk can brand “ <i>SGM</i> ” 500 gr | 0.5 |
| Unhusked rice | Sack 5 kg | 4 |
| | Sack 25 kg | 20 |
| | Sack 30 kg | 24 |
| | Sack 50 kg | 40 |
| | Drum 200 L | 110 |
| | Can 12 L | 6.6 |
| | Can 5 L | 2.75 |
| | Milk can brand “ <i>Enak</i> ” 250 gr | 2 |
| | Milk can brand “ <i>SGM</i> ” 500 gr | 4 |
| Corn | Sack 5 kg | 4.5 |
| | Sack 25 kg | 22.5 |
| | Sack 30 kg | 27 |
| | Sack 50 kg | 45 |
| | Drum 200 L | 150 |
| | Can 12 L | 9 |
| | Can 5 L | 3.75 |
| | Milk can brand “ <i>Enak</i> ” 250 gr | 0.225 |
| | Milk can brand “ <i>SGM</i> ” 500 gr | 0.45 |
| | Bundle of tied together corn cobs (1 cob) | 0.08 |
| | Bundle of tied together corn cobs (10 cobs) | 0.8 |
| | Bundle of tied together corn cobs (15 cobs) | 1.2 |
| | Bundle of tied together corn cobs (20 cobs) | 1.6 |
| | Bundle of tied together corn cobs (25 cobs) | 2.0 |
| | Bundle of tied together corn cobs (30 cobs) | 2.4 |
| Bundle of tied together corn cobs (40 cobs) | 3.2 | |
| Bundle of tied together corn cobs (50 cobs) | 4 | |
| Bundle of tied together corn cobs (60 cobs) | 4.8 | |

| Commodity | Local measurement unit | Conversion (kg) |
|--------------|--|-----------------|
| Peanut | Sack 5 kg | 4 |
| | Sack 25 kg | 20 |
| | Sack 30 kg | 24 |
| | Sack 50 kg | 40 |
| | Drum 200 L | 110 |
| | Can 12 L | 6.6 |
| | Can 5 L | 2.75 |
| | Milk can brand “ <i>Enak</i> ” 250 gr | 2 |
| | Milk can brand “ <i>SGM</i> ” 500 gr | 4 |
| Cassava | Weight of 1 average cassava, 45 cm long | 4 |
| | Sack 5 kg | 20 |
| | Sack 25 kg | 24 |
| | Sack 30 kg | 40 |
| | Sack 50 kg | 110 |
| | Drum 200 L | 6.6 |
| | Can 12 L | 2.75 |
| | Can 5 L | 2 |
| | 1 meter length | 4 cuttings |
| Sweet potato | Weight of 1 average sweet potato, 20 cm long | 0.3 |
| | Sack 5 kg | 7.5 |
| | Sack 25 kg | 37.5 |
| | Sack 30 kg | 45 |
| | Sack 50 kg | 75 |
| | Drum 200 L | 480 |
| | Can 12 L | 30 |
| | Can 5 L | 12 |
| | 1 meter length | 4 cuttings |
| | 1 root (depending on size) | 6-10 eyes |

Annex 6.

Household Food Insecurity

The questionnaire included the Household Food Insecurity Access Scale (HFIAS) tool developed by the Food and Nutrition Technical Assistance (FANTA) project to appraise access to, and availability of, food in the visited households¹.

The HFIAS tool consists of nine questions that probe whether a household experienced some forms of food insecurity during the previous month, and how severe such food insecurity experiences were, if they occurred. The HFIAS occurrence questions are:

- Q1. In the past four weeks, did you worry that your household would not have enough food?
- Q2. In the past four weeks, were you or any household member not able to eat the kinds of foods you preferred because of a lack of resources?
- Q3. In the past four weeks, did you or any household member have to eat a limited variety of foods due to a lack of resources?
- Q4. In the past four weeks, did you or any household member have to eat some foods that you really did not want to eat because of a lack of resources to obtain other types of food?
- Q5. In the past four weeks, did you or any household member have to eat a smaller meal than you felt you needed because there was not enough food?
- Q6. In the past four weeks, did you or any household member have to eat fewer meals in a day because there was not enough food?
- Q7. In the past four weeks, was there ever no food to eat of any kind in your house because of lack of resources to get food?
- Q8. In the past four weeks, did you or any household member go to sleep at night hungry because there was not enough food?
- Q9. In the past four weeks, did you or any household member go a whole day and night without eating anything because there was not enough food?

If the answer to any of the above questions is “Yes”, a follow-up frequency-of-occurrence question is asked.

| | |
|----------------------------|--|
| How often did this happen? | |
| <input type="checkbox"/> | 1. Rarely (once or twice in the past 4 weeks) |
| <input type="checkbox"/> | 2. Sometimes (three to ten times in the past 4 weeks) |
| <input type="checkbox"/> | 3. Often (more than ten times in the past 4 weeks) |

Figure 1. Frequency-of-Occurrence Question of the HFIAS Tool

¹ This section on household food insecurity, the HFIAS tool and the derived indicators draws heavily on Coates, Jennifer et. al. (2007), Ballard, Terri et. al. (2011) and Deitchler, Megan et. al. (2011).

Using these nine occurrence and frequency-of-occurrence questions, or a subset of them, there are five types of indicators that can be calculated to help understand the characteristics of, and changes in, household food insecurity of the surveyed households:

- a) Household food insecurity access related conditions
- b) Household food insecurity access related domains
- c) Household food insecurity access scale score
- d) Household food insecurity access prevalence
- e) Household hunger scale

a) Household Food Insecurity Access-Related Conditions

Table 1 on the next page gives the percentages of households per district that experienced food insecurity conditions. For each of the above nine questions, the percentage of households that responded positively to the question (i.e. they experienced some food insecurity or they had some worries) is given on the bottom row of each cell. The top row of the cell gives the percentage of households by frequency of the occurrence (as shown in Figure 1).

It is also helpful to plot the percentages of households that responded positively to each of the nine questions (see Figure 2). The expected shape of the line diagram is a more-or-less uniform down slope between Q1 and Q9.

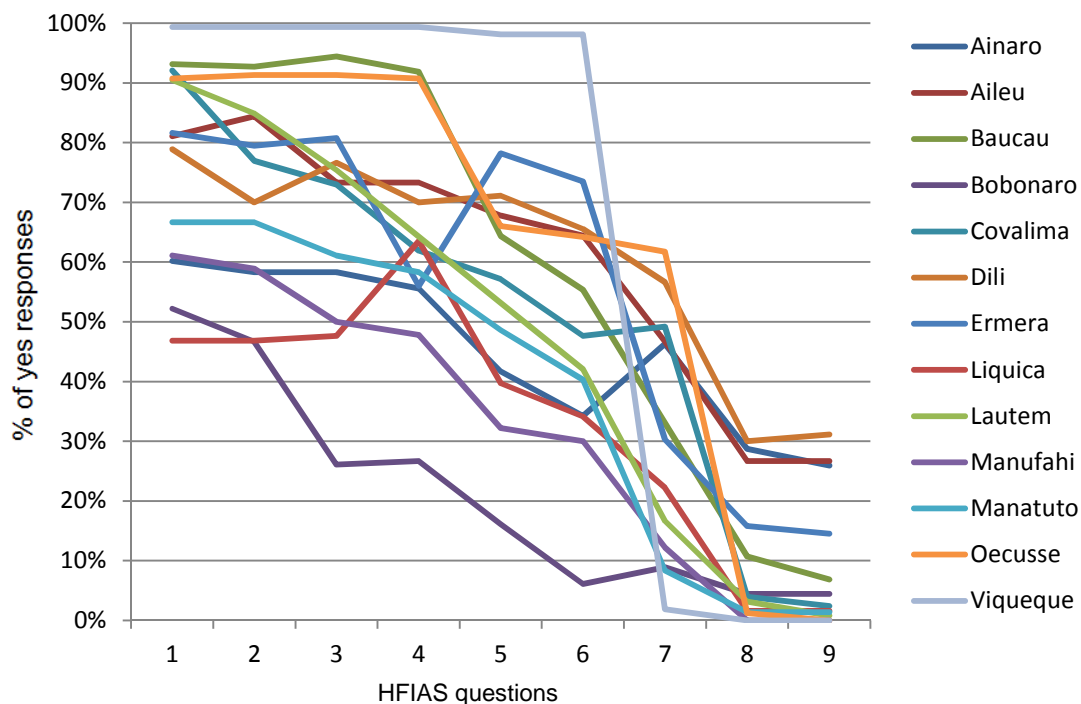


Figure 2. Percentage “Yes” responses to HFIAS questions by District

In Figure 2, the lines of three districts stand out: Viqueque, with close to 100% for Q1 to Q7, but then the lowest percentages for Q7 to Q9; Ermera, which shows a sudden drop for Q4 to 56%; and Liquiça, with a spike of 63% for Q4. This may be an indication that some of the answers obtained may not be too reliable, and that this can influence the conclusions one draws from the analysis results.

Table 1. Households Experiencing Food Insecurity Conditions [Percentage of respondents who answered positively R: Rarely S: Sometimes O: Often]

| Districts | Q1: Worry about food | | | Q2: Unable to eat preferred foods | | | Q3: Eat just a few kinds of foods | | | Q4: Eat foods they really do not want eat | | | Q5: Eat a smaller meal | | | Q6: Eat fewer meals in a day | | | Q7: No food of any kind in the household | | | Q8: Go to sleep hungry | | | Q9: Go a whole day and night without eating | | | | |
|--------------------|----------------------|----|----|-----------------------------------|----|----|-----------------------------------|----|----|---|----|----|------------------------|----|----|------------------------------|----|----|--|----|----|------------------------|----|----|---|----|----|---|---|
| | R | S | O | R | S | O | R | S | O | R | S | O | R | S | O | R | S | O | R | S | O | R | S | O | R | S | O | R | S |
| Ainaro | 7 | 45 | 7 | 3 | 43 | 13 | 8 | 37 | 13 | 3 | 37 | 16 | 6 | 22 | 13 | 3 | 21 | 10 | 1 | 29 | 17 | 2 | 20 | 6 | 5 | 14 | 7 | | |
| Aileu | 3 | 56 | 22 | 1 | 53 | 30 | 2 | 39 | 32 | 1 | 47 | 26 | 2 | 42 | 23 | 1 | 42 | 21 | 0 | 37 | 10 | 2 | 17 | 8 | 1 | 19 | 7 | | |
| Baucau | 18 | 70 | 5 | 19 | 70 | 3 | 25 | 62 | 7 | 17 | 69 | 6 | 20 | 42 | 2 | 18 | 35 | 2 | 15 | 17 | 1 | 8 | 3 | 0 | 5 | 2 | 0 | | |
| Bobonaro | 36 | 16 | 1 | 39 | 8 | 0 | 21 | 6 | 0 | 22 | 5 | 0 | 15 | 1 | 0 | 4 | 2 | 0 | 8 | 1 | 0 | 3 | 1 | 0 | 4 | 1 | 0 | | |
| Covalima | 21 | 50 | 20 | 19 | 48 | 10 | 25 | 42 | 6 | 20 | 37 | 5 | 17 | 37 | 3 | 16 | 29 | 3 | 11 | 37 | 1 | 1 | 3 | 0 | 1 | 2 | 0 | | |
| Dili | 7 | 47 | 26 | 3 | 43 | 23 | 7 | 48 | 22 | 7 | 42 | 21 | 7 | 43 | 21 | 4 | 39 | 22 | 4 | 31 | 21 | 1 | 13 | 16 | 2 | 11 | 18 | | |
| Ermera | 20 | 56 | 6 | 20 | 56 | 4 | 21 | 56 | 4 | 18 | 38 | 1 | 19 | 57 | 2 | 21 | 51 | 2 | 12 | 18 | 0 | 8 | 8 | 0 | 9 | 6 | 0 | | |
| Liquiça | 29 | 17 | 1 | 27 | 19 | 1 | 28 | 19 | 1 | 27 | 21 | 16 | 25 | 14 | 1 | 27 | 7 | 0 | 20 | 2 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | | |
| Lautem | 5 | 54 | 32 | 10 | 63 | 11 | 15 | 53 | 7 | 18 | 45 | 1 | 26 | 27 | 0 | 21 | 21 | 0 | 10 | 6 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | | |
| Manufahi | 23 | 34 | 3 | 20 | 36 | 3 | 21 | 24 | 4 | 18 | 27 | 3 | 11 | 20 | 1 | 10 | 19 | 1 | 4 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Manatuto | 21 | 40 | 6 | 21 | 40 | 6 | 26 | 31 | 4 | 22 | 31 | 6 | 19 | 24 | 6 | 15 | 21 | 4 | 6 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | | |
| Oecussi | 50 | 22 | 19 | 45 | 26 | 20 | 45 | 23 | 23 | 40 | 30 | 20 | 21 | 22 | 23 | 19 | 26 | 20 | 14 | 28 | 19 | 1 | 1 | 0 | 0 | 0 | 0 | | |
| Viqueque | 86 | 13 | 1 | 70 | 28 | 1 | 54 | 40 | 6 | 36 | 56 | 7 | 44 | 49 | 4 | 51 | 41 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Total | 28 | 41 | 10 | 26 | 42 | 8 | 25 | 38 | 9 | 20 | 38 | 9 | 19 | 32 | 7 | 18 | 28 | 6 | 9 | 16 | 5 | 3 | 5 | 2 | 3 | 4 | 2 | | |
| Male respondents | 26 | 42 | 8 | 25 | 42 | 6 | 24 | 39 | 8 | 20 | 37 | 8 | 19 | 31 | 6 | 18 | 27 | 5 | 10 | 15 | 4 | 2 | 4 | 2 | 2 | 3 | 2 | | |
| Female respondents | 30 | 39 | 13 | 26 | 42 | 11 | 27 | 38 | 11 | 21 | 41 | 10 | 20 | 35 | 8 | 18 | 30 | 8 | 8 | 18 | 6 | 4 | 6 | 1 | 4 | 4 | 2 | | |

The questions one to six of the HFIAS deal with worries about food, or on the need to use coping strategies, such as eating less per meal, eating fewer meals per day, eating lower quality food or less preferred food. The districts with the highest percentage of respondents expressing worries, or having to use coping strategies were Viqueque, Baucau and Oecussi. The districts with the lowest percentages were Liquiça, Bobonaro, Ainaro and Manufahi.

The HFIAS questions seven to nine focus on actual food shortages. The answers obtained for these questions are somewhat puzzling for two districts: Covalima and Oecussi (see Figure 3). One would normally expect that households that report not having food of any kind in the house (i.e. a high percentage for Q7) will also be more likely to have high percentages for going to sleep hungry (Q8), or for having to go a full day without food (Q9). The opposite also applies: a low percentage for Q7 goes together with low percentages for Q8 and Q9 (e.g. Viqueque, Manatuto, Bobonaro).

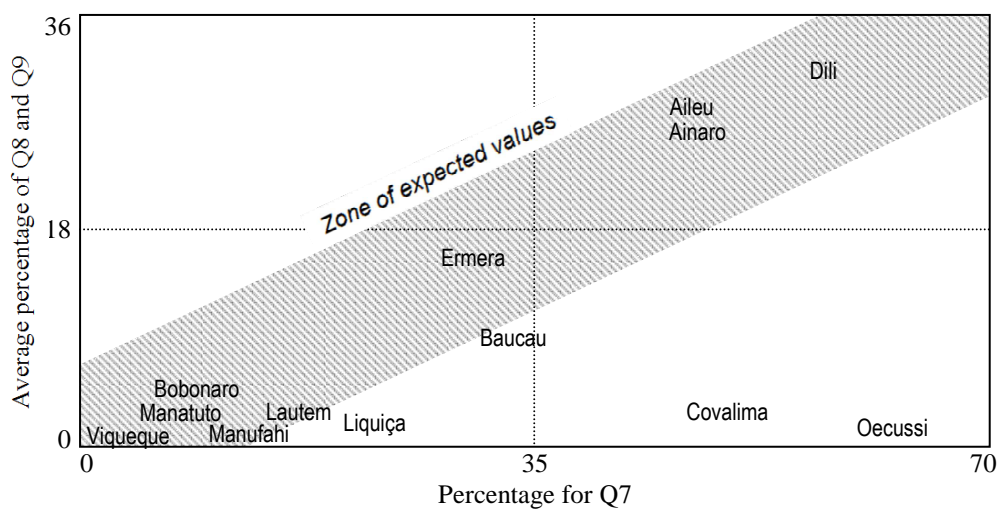


Figure 3. Experience of Households' Food Shortages by District

Covalima and Oecussi stand out because many respondents declare not to have had food of any kind in the house during the one month previous to the interview, but hardly any of the households reported that members of the household had to go to bed hungry, or that they had to go through a 24-hour period without eating.

It also seems a bit strange that Ainaro shows up as one of the districts with a higher than average food shortage, whereas for the questions Q1 to Q6 it was in the lower-than-average group. Viqueque is the opposite; basically all respondents worried about food and that they had to take recourse to various coping strategies, but they were the least of all affected by actual food shortages in their households.

It is also worth to notice – though not surprisingly – that the female respondents were consistently more concerned, or reported higher incidences of food insecurity, than the male respondents.

b) Household Food Insecurity Access-Related Domains

The nine questions of the HFIAS tool also reflect three domains: anxiety and uncertainty; insufficient quality; and insufficient food intake and its physical consequences. Table 2 shows the percentage of households experiencing one of these three conditions at any level of severity (i.e. rarely, sometimes or often) during the month previous to the interview.

Table 2. Household Food Insecurity by Access-related Domains

| Districts | Anxiety and uncertainty about the household food supply | Insufficient Quality (includes variety and preferences of the type of food) | Insufficient food intake and its physical consequences |
|-------------------|---|---|--|
| | Q1 | Q2, Q3 & Q4 | Q5, Q6, Q7, Q8 & Q9 |
| Ainaro | 60% | 64% | 56% |
| Aileu | 81% | 88% | 76% |
| Baucau | 93% | 98% | 67% |
| Bobonaro | 52% | 64% | 30% |
| Covalima | 92% | 98% | 88% |
| Dili | 79% | 80% | 72% |
| Ermera | 82% | 88% | 82% |
| Liquiça | 47% | 65% | 42% |
| Lautem | 90% | 89% | 56% |
| Manufahi | 61% | 61% | 33% |
| Manatuto | 67% | 68% | 49% |
| Oecussi | 91% | 94% | 67% |
| Viqueque | 99% | 100% | 99% |
| Total | 78% | 84% | 65% |
| Male-headed HHs | 76% | 83% | 63% |
| Female-headed HHs | 82% | 86% | 69% |

The table shows that, from this perspective, the most food secure districts were Liquiça, Bobonaro and Ainaro; the most food insecure districts were Viqueque, Baucau and Covalima.

c) Household Food Insecurity Access Scale Score

Using the data from the nine questions, a HFIAS score can be calculated for every household, which indicate how food insecure the household was. The score is the sum of the codes for each frequency-of-occurrence question, i.e. 1, 2 or 3 if the answer to the question was “Yes”, and 0 if the answer was “No”. With nine questions, and possible scores ranging between 0 and 3, a household’s HFIAS score will fall within the range 0 to 27. A low score indicates that access to, and availability of food in the concerned household was fairly secure; a high score indicates a higher level of food insecurity for that household. The frequency distribution of the HFIAS scores of all 1,799 households is given in Figure 4.

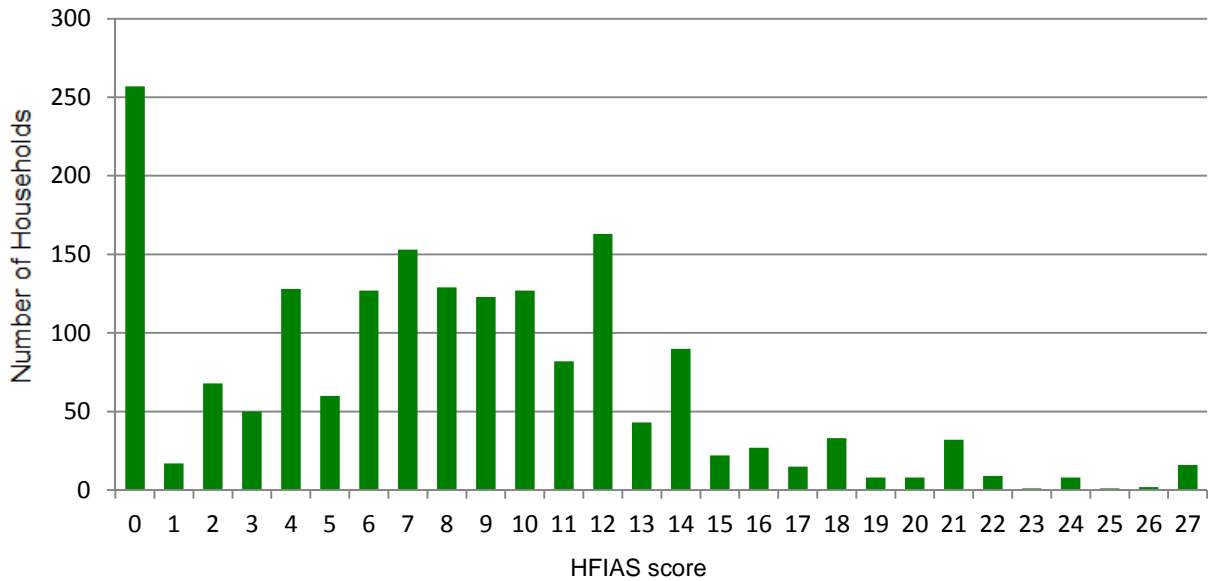


Figure 4. Frequency Distribution of the Household HFIAS Scores

There were 257 households that did not experience any food insecurity during the 30 days prior to the baseline survey (score 0), and 16 households that were extremely food insecure (with the maximum HFIAS score of 27). The frequency distribution in Figure 4 also suggests that there may be both some over-reporting and under-reporting of food insecurity occurrences, resulting in an irregular frequency distribution pattern with higher-than-expected frequencies for some scores (i.e. 4, 12, 14, 21 and 27), and lower-than-expected frequencies for others (i.e. 3, 5, and 8).

Based on these household HFIAS scores, average HFIAS scores can be calculated for the districts (see Table 3). The three most food insecure districts in the period September-October 2011 were Aileu, Dili and Oecussi; the three least food insecure were Bobonaro, Liquiça and Manufahi. The comparison of HFIAS scores between male and female respondents show that in 10 out of the 13 districts, women considered their households to be more food insecure than men. This can point to women having a dimmer view of, and being more concerned than men on the food security in their households. But it can of course also be that it is not a difference in perception of households facing similar conditions, but that the female respondents lived in households that were genuinely more food insecure.

Table 3. Household Food Insecurity Access Scale Score

| Districts | HFIAS Scores | | |
|-----------|------------------|--------------------|-------|
| | Male respondents | Female respondents | Total |
| Ainaro | 8.5 | 9.9 | 8.8 |
| Aileu | 11.8 | 15.2 | 12.5 |
| Baucau | 9.3 | 10.7 | 9.7 |
| Bobonaro | 2.5 | 2.1 | 2.3 |
| Covalima | 8.7 | 8.1 | 8.4 |
| Dili | 12.9 | 11.9 | 12.5 |
| Ermera | 8.2 | 10.3 | 8.9 |
| Liquiça | 4.2 | 5.3 | 4.5 |
| Lautem | 7.9 | 8.1 | 8.0 |
| Manufahi | 4.2 | 6.6 | 4.9 |
| Manatuto | 5.4 | 7.5 | 6.0 |
| Oecussi | 10.9 | 9.9 | 10.2 |
| Viqueque | 8.6 | 8.8 | 8.7 |
| Total | 7.7 | 8.7 | 8.1 |

d) Household Food Insecurity Access Prevalence

The Household Food Insecurity Access Prevalence indicator categorizes households into four levels of household food insecurity: food secure, and mild, moderately and severely food insecure.

- A **food secure household** experiences none of the food insecurity conditions, and may have some worries, but not often.
- A **mildly food insecure household** has more worries about not having enough food, and may occasionally have to take recourse to some coping strategies (such as eating less of a preferred food, or eating some foods it would otherwise not eat) but without a significant cutback on the amount of food it consumes. The household also does not experience the three most severe conditions (running out of food, going to bed hungry, or going a whole day and night without eating).
- A **moderately food insecure household** will have to consume less desirable foods more often, and it may have to eat smaller meals, or even perhaps skip a meal. The household will however not yet be obliged to experience the three most severe conditions.
- A **severely food insecure household** will be one that often has cut back on meal size or the number of meals eaten per day, and/or on occasions it may have run out of food altogether, household members may have go to bed hungry, or some of them may have gone through a 24-hour period without eating. Any household that had experienced one of these three conditions during the last four weeks is considered severely food insecure.

The more often a respondent answered “Yes” to the nine HFIAS questions, the more food insecure it is ranked. Based on the answers given to the different questions, the categorization of a household into one of the above four categories is as shown in Figure 5).

| Follow-up occurrence question to | Frequency | | |
|----------------------------------|--------------------|-------------------------------|------------|
| | Rarely 1 | Sometimes 2 | Often 3 |
| Q1 | Food secure | | |
| Q2 | | Mildly food insecure | |
| Q3 | | | |
| Q4 | | Moderately | |
| Q5 | | food insecure | |
| Q6 | | | |
| Q7 | | | |
| Q8 | | Severely food insecure | |
| Q9 | | | |

[From Coates *et. al.* (2007)]

Figure 5. Categories of Food Insecurity

Table 4. Household Food Insecurity Categories

| Districts | Food insecurity categories | | | |
|--------------------|----------------------------|----------------------|--------------------------|------------------------|
| | Food secure | Mildly food insecure | Moderately food insecure | Severely food insecure |
| Ainaro | 33% | 3% | 16% | 48% |
| Aileu | 11% | 9% | 24% | 56% |
| Baucau | 2% | 9% | 55% | 35% |
| Bobonaro | 31% | 36% | 18% | 15% |
| Covalima | 1% | 4% | 44% | 51% |
| Dili | 16% | 6% | 21% | 58% |
| Ermera | 10% | 3% | 54% | 33% |
| Liquiça | 34% | 1% | 41% | 24% |
| Lautem | 9% | 13% | 60% | 17% |
| Manufahi | 38% | 20% | 28% | 14% |
| Manatuto | 32% | 11% | 44% | 13% |
| Oecussi | 6% | 25% | 6% | 63% |
| Viqueque | 0% | 1% | 89% | 10% |
| Total | 15% | 11% | 41% | 33% |
| Male respondents | 16% | 11% | 42% | 31% |
| Female respondents | 13% | 11% | 40% | 36% |

According to Table 4, the five most food secure districts were Manufahi, Liquiça, Ainaro, Manatuto and Bobonaro. The five most severely food insecure districts were Oecussi, Dili Aileu, Covalima and Ainaro. Ainaro is thus in an odd position of being simultaneously one of the most food secure as well as food insecure districts.

e) Household Hunger Scale

Based on the results of several studies conducted by the FANTA project to assess the cross-cultural validity of the HFIAS tool, it was found that the questions 7, 8 and 9 of the HFIAS tool gave a more reliable measure of food deprivation in the visited households than the full set of nine questions. Another finding was that the use of three frequency categories (“no or never” with score 0, “rarely or sometimes” with score 1, and “often” with score 2) produced more robust results than the use of the original four frequency categories. This calculation gives a household hunger scale (HHS) rating for each household.

Using the data from the questions 7, 8 and 9 of the HFIAS tool only, the three districts with the highest levels of hunger in the households were Dili, Ainaro and Aileu (see Table 5). The three districts with the lowest levels of hunger in households were Viqueque, Manatuto and Manufahi. The female respondents assessed their households to experience higher levels of hunger than the male respondents.

Table 5. Household Hunger Scale

| Districts | Level of hunger in the household | | | Average HHS of the district |
|--------------------|----------------------------------|----------|--------|-----------------------------|
| | Little or no | Moderate | Severe | |
| Ainaro | 68% | 17% | 16% | 1.31 |
| Aileu | 69% | 20% | 11% | 1.24 |
| Baucau | 88% | 11% | 0% | 0.52 |
| Bobonaro | 97% | 3% | 0% | 0.18 |
| Covalima | 96% | 4% | 0% | 0.56 |
| Dili | 67% | 14% | 19% | 1.72 |
| Ermera | 84% | 16% | 0% | 0.62 |
| Liquiça | 98% | 1% | 1% | 0.26 |
| Lautem | 98% | 2% | 0% | 0.21 |
| Manufahi | 99% | 1% | 0% | 0.13 |
| Manatuto | 99% | 1% | 0% | 0.11 |
| Oecussi | 80% | 20% | 0% | 0.82 |
| Viqueque | 100% | 0% | 0% | 0.02 |
| Total | 88% | 9% | 3% | 0.55 |
| Male respondents | 90% | 7% | 3% | 0.52 |
| Female respondents | 86% | 12% | 2% | 0.61 |

For the total survey, this gives 88% of households with little or no level of hunger, 9% with a moderate level of hunger, and 3% with a severe level of hunger. It is important to keep in mind that the survey was conducted in October, with the HFIAS questions referring largely to the period from early September to mid-October. This is not the peak of the hungry season, which explains why the percentage of households experiencing hunger is relatively small.

Using the HHS ratings of the individual households, an average HHS can be calculated for each of the 100 sucos. Grouping the sucos into six categories based on their average HHS, the household hunger situation in Timor-Leste can be presented as in Figure 6.

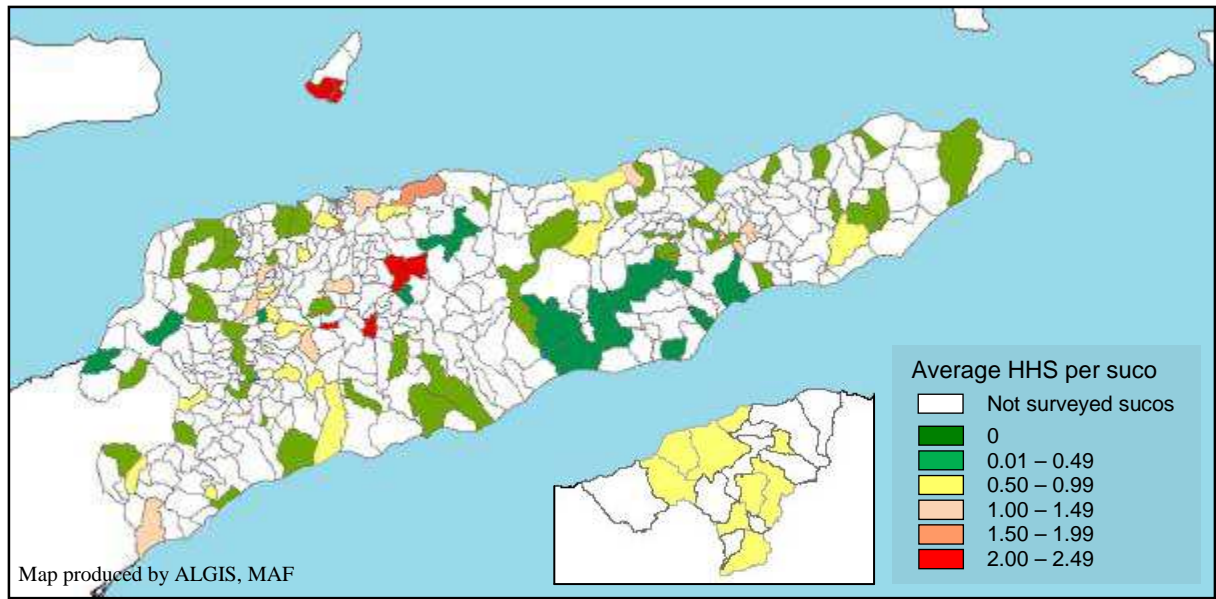


Figure 6. Household Hunger Conditions of Sucos (September 2011)