

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <i>11 or 13 continue, otherwise skip to PF1J1.)</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1I What changwat (or other place) did ___ come from? (<i>Use Changwat codes.</i>) | | PF1I [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1J1 Did or does ___ have a job in this place? (<i>1 - yes, 3 - no. If 3, skip to PF1K.</i>) | | PF1J1 [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1J2B What is ___'s job in this place? (<i>Use codes for occupation, below.</i>) | | PF1J2 [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1K Why did ___ leave this place to come here? (<i>Record all that apply. A - married into the household, B - visiting this household because of marriage, funeral, birth or ordination, C - visiting for some other reason, D - came for better permanent employment, E - came because of temporary employment, F - came to help this household with work (with harvest, for example), G - came because lost job in other place, H - came to go to school here, I - other (specify).</i>) | | PF1K [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1L How old was ___ on their last birthday? (<i>If 3 years of age or less, skip to PF1R.</i>) Also record age on IR HH Roster. | | PF1L [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1M Is ___ in school now? (<i>1 - yes, 3 - no.</i>) | | PF1M [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1N What is the highest grade of school that ___ has completed? | | PF1N [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0"> <tr> <td>Codes for Schooling</td> <td>23 - P. 7</td> <td>45 - PWC 3</td> </tr> <tr> <td>1 - no school</td> <td>25 - M or MS 1</td> <td>47 - PWS 1</td> </tr> <tr> <td>3 - not yet enrolled in school</td> <td>27 - M or MS 2</td> <td>49 - PWS 2</td> </tr> <tr> <td>5 - A. 1</td> <td>29 - M or MS 3</td> <td>51 - PWT 1</td> </tr> <tr> <td>7 - A. 2</td> <td>31 - M or MS 4</td> <td>53 - PWT 2</td> </tr> <tr> <td>9 - A. 3</td> <td>33 - M or MS 5</td> <td>55 - Univ. 1</td> </tr> <tr> <td>11 - P. 1</td> <td>35 - M or MS 6</td> <td>57 - Univ. 2</td> </tr> <tr> <td>13 - P. 2</td> <td>37 - M or MS 7</td> <td>59 - Univ. 3</td> </tr> <tr> <td>15 - P. 3</td> <td>39 - M or MS 8</td> <td>61 - Univ. 4</td> </tr> <tr> <td>17 - P. 4</td> <td>41 - PWC 1</td> <td>63 - other</td> </tr> <tr> <td>19 - P. 5</td> <td>43 - PWC 2</td> <td></td> </tr> <tr> <td>21 - P. 6</td> <td></td> <td></td> </tr> </table> | | | Codes for Schooling | 23 - P. 7 | 45 - PWC 3 | 1 - no school | 25 - M or MS 1 | 47 - PWS 1 | 3 - not yet enrolled in school | 27 - M or MS 2 | 49 - PWS 2 | 5 - A. 1 | 29 - M or MS 3 | 51 - PWT 1 | 7 - A. 2 | 31 - M or MS 4 | 53 - PWT 2 | 9 - A. 3 | 33 - M or MS 5 | 55 - Univ. 1 | 11 - P. 1 | 35 - M or MS 6 | 57 - Univ. 2 | 13 - P. 2 | 37 - M or MS 7 | 59 - Univ. 3 | 15 - P. 3 | 39 - M or MS 8 | 61 - Univ. 4 | 17 - P. 4 | 41 - PWC 1 | 63 - other | 19 - P. 5 | 43 - PWC 2 | | 21 - P. 6 | | |
| Codes for Schooling | 23 - P. 7 | 45 - PWC 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 - no school | 25 - M or MS 1 | 47 - PWS 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 - not yet enrolled in school | 27 - M or MS 2 | 49 - PWS 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 - A. 1 | 29 - M or MS 3 | 51 - PWT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 - A. 2 | 31 - M or MS 4 | 53 - PWT 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 - A. 3 | 33 - M or MS 5 | 55 - Univ. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 - P. 1 | 35 - M or MS 6 | 57 - Univ. 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 - P. 2 | 37 - M or MS 7 | 59 - Univ. 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 - P. 3 | 39 - M or MS 8 | 61 - Univ. 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 - P. 4 | 41 - PWC 1 | 63 - other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 - P. 5 | 43 - PWC 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 - P. 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1O What system of grades was in place when ___ went to school? (<i>1 - either old system, 3 - new, 5 - temple.</i>) | | PF1O [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1P Has ___ received any adult education? (<i>1 - yes, 3 - no.</i>) | | PF1P [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1Q Besides formal schooling has ___ received any training? (<i>1 - yes, 3 - no.</i>) | | PF1Q [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1R Enumerator: record the census structure number of this person. | | PF1R [] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PF1S Enumerator: Is this person 11 years or older and not enrolled | | PF1S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| in school? (1 – yes, 3 – no. If yes, continue with PF2A . If no, you have completed the 1F HH Composition Form for this person.) | [] |
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Primary Occupation

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PF2A What was ___'s primary occupation over the past 12 months? (Definition: primary occupation = the occupation that you earned the most from during the past 12 months. If there is not a code write in answer. Be sure to write down the job title – for example someone could work in a bank and be a janitor or the vice president! If someone works in a factory please record what they make – e.g. toys, wigs, computer chips) (See codes on last page of module.)</p> | | <p>PF2A</p> <p>[]</p> |
| <p>Codes for Occupation</p> <p>0 – no prior occupation</p> <p>1 – inactive/retired (or no secondary occupation)</p> <p>3 - in school</p> <p>5 – looking for work</p> <p>7 – rice farmer</p> <p>9 – corn farmer</p> <p>11 – orchard farmer</p> <p>13 – farmer growing a different crop</p> <p>15 – shrimp farmer</p> <p>17 – raise fish other than shrimp</p> <p>19 – raise livestock: chicken or duck</p> | <p>21 - raise livestock: pig, cow (meat or dairy) or water buffalo</p> <p>23 - construction work in village</p> <p>25 - construction work out of village but in Changwat</p> <p>27 - construction work in another Changwat, not Bangkok</p> <p>29 - construction work in Bangkok</p> <p>31 - rice miller</p> <p>33 - shop keeper</p> <p>35 - factory worker</p> <p>37 - mechanic</p> <p>39 - clerical worker</p> <p>41 - administrative or managerial job</p> <p>43 – nurse</p> | <p>45 - teacher</p> <p>47 - policeman</p> <p>49 - government official</p> <p>51 - accountant</p> <p>53 - electrician</p> <p>55 - cleaner or janitor</p> <p>57 – trader</p> <p>59 – housework</p> <p>61 – general agricultural labor jobs that vary over the year</p> <p>63 – general non-agricultural labor jobs that vary over the year</p> <p>65 - other (specify)</p> |
| <p>PF2B What type of worker is ___ in this job? (1 - owner of business, 3 – unpaid family worker, 5 - employee - daily wages, 7 – employee – monthly wages, 9 - employee - piece rate, in house, 11 – employee - piece rate, out of house, 13 – government worker, 15 - other (specify). If 5, 7 or 13 continue. Otherwise skip to PF2D.)</p> | | <p>PF2B</p> <p>[]</p> |
| <p>PF2C (For wage, salary and government workers only, PF2B = 5, 7 or 13) What is ___ 's daily (or monthly, as applicable) wage in this job?</p> | | <p>PF2C</p> <p>[]</p> |
| <p>PF2D For how many years has ___ been doing this type of work? (If someone says they have been doing this work since they were born, record their age minus 12 as the number of years).</p> | | <p>PF2D</p> <p>[]</p> |

Secondary Occupation

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| PF2E What was ___'s secondary occupation over the past 12 months? <i>(If more than one secondary occupation, record the one that the person earned the most money from over the past 12 months. Use code 1 if the person has no secondary occupation, otherwise use the codes for PF2A. If code 1 skip to PF2G.)</i> | PF2E [] |
| PF2F What type of worker is ___ in this job? <i>(1 - owner of business, 3 - unpaid family worker, 5 - employee - daily wages, 7 - employee - monthly wages, 9 - employee - piece rate, in house, 11 - employee - piece rate, out of house, 13 - government worker, 15 - other (specify).)</i> | PF2F [] |

Occupational History

| | |
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| PF2G Has ___ had any other primary occupation besides the one ___ is doing now? <i>(1 - yes, 3 - no, if 3, skip to PF2O.)</i> | PF2G [] |
| PF2H What was ___'s previous primary occupation? <i>(See codes below.)</i> | PF2H [] |
| PF2I For how many years was this ___'s primary occupation? | PF2I [] |
| PF2J What was ___'s primary occupation before that? <i>(See codes below. If 0, then skip to PF2O.)</i> | PF2J [] |
| PF2K For how many years was this ___'s primary occupation? | PF2K [] |
| PF2L What was ___'s primary occupation before that? <i>(See codes below.)</i> | PF2L [] |
| PF2M For how many years was this ___'s primary occupation? | PF2M [] |

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| <p>Codes for Occupation 0 – no prior occupation 1 – inactive/retired (or no secondary occupation) 3 - in school 5 – looking for work 7 – rice farmer 9 – corn farmer 11 – orchard farmer 13 – farmer growing a different crop 15 – shrimp farmer 17 – raise fish other than shrimp 19 – raise livestock: chicken or duck 21 – raise livestock: pig, cow (meat or dairy) or water buffalo</p> | <p>23 - construction work in village 25 - construction work out of village but in Changwat 27 - construction work in another Changwat, not Bangkok 29 - construction work in Bangkok 31 - rice miller 33 - shop keeper 35 - factory worker 37 - mechanic 39 - clerical worker 41 - administrative or managerial job 43 - nurse 45 - teacher</p> | <p>47 - policeman 49 - government official 51 - accountant 53 - electrician 55 - cleaner or janitor 57 – trader 59 – housework 61 – general agricultural labor jobs that vary over the year 63 – general non-agricultural labor jobs that vary over the year 65 - other (specify)</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Village Positions

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <p>PF20 Which of the following village or tambon positions does ____ hold? (<i>Record all that apply</i>)</p> | | <p>PF20 []</p> |
| <p>Codes for Village or Tambon Positions A – no positions B – headman C – assistant headman D – kamnan E – assistant kamnan F – PCG committee member G – Rice Bank committee member H – head of BAAC group</p> | <p>I - member of women’s group committee J - member of housewife’s group committee K - member of village committee L - member of tambon committee M - member of Marketing Demonstration Center committee N - health volunteer O - other (specify)</p> | |

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| <p>PF3 Stop Time</p> | <p>PF3 []</p> |
|-----------------------------|--------------------------------------|

4F1. Land: Plot Form

Identification information

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| -----RF0A----- | | RF0B | | |
| Changwat # | Village # | HH # | Visit # | Plot # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| RF1B Start Time | RF1B [] |
| RF1C Respondent's nickname | RF1C [] |
| RF1D HH member ID # | RF1D [] |

Plot Characteristics

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| RF2A How many minutes does it take to get from your home to this plot by the means of transportation that your household uses most often? | RF2A [] |
| RF2B What is the distance between your home and this plot? (<i>Record answer in kilometers.</i>) | RF2B [] |
| RF2C Does this plot border on a paved road? (<i>1 -yes, 3 - no.</i>) | RF2C [] |
| RF2D How large is this plot? (<i>Record answer in rai. Record the number of rai on the 4R Plot Roster also.</i>) | RF2D [] |
| RF2E How would you tell someone in your household that you were going to this particular plot? (<i>Record the answer under "identification" on the 4R Plot Roster as well.</i>) | |
| _____ | |
| _____ | |
| RF2E Translation | |
| _____ | |
| _____ | |

RF3A-C What has this plot been used for during the past 3 years? *Record up to five uses per year. If respondent does not know, please record DK. See codes below. Please use the following convention for dates. If it is currently October 1998, then last year would be October 1997 – September 1998, 2 years ago would be October 1996 – September 1997 and 3 years ago would be October 1995 – September 1996.*

| | | | |
|--|--------------------------|----------------------------|----------------------------|
| | RF3A last year | RF3B 2 years ago | RF3C 3 years ago |
|--|--------------------------|----------------------------|----------------------------|

| | | | |
|---------|--|--|--|
| Use # 1 | | | |
| Use # 2 | | | |
| Use # 3 | | | |
| Use # 4 | | | |
| Use # 5 | | | |

RF3A Use Codes

- 1 – fish/shrimp
- 3 – orchards
- 5 – other trees
- 7 – grazing/livestock
- 9 – house
- 11 – business
- 13 – community use
- 15 – rice
- 17 – corn
- 19 – cassava
- 21 – sugar cane
- 23 – beans
- 25 – other (specify)

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| RF4A Have you applied manure to this plot in the last three years? (1 - yes, 3 - no) | RF4A [] |
| RF4B Have you applied chemical fertilizer to this plot in the last three years? (1 – yes, 3 – no. If 1, continue. If 3, skip to RF6A .) | RF4B [] |

RF5A~C Please tell us about each application of chemical fertilizer to this plot over the past three years. For each application we would like to know the NPK #, the number of kilograms and how many times it was applied during the year. If more than one type of fertilizer was applied in a year, please tell us about the three types that you used the most of.

Enumerator: *Please use the following convention for dates. If it is currently October 1998, then last year would be October 1997 – September 1998, 2 years ago would be October 1996 – September 1997 and 3 years ago would be October 1995 – September 1996. Record the information for the first type of fertilizer used in a year in the row labeled “Application #1”. If there was only one type of fertilizer used in a given year, you do not need to record anything in the rows labeled “Application #2, #3”. If the respondent cannot remember some of this information record “DK”.*

| | | | |
|--|--------------------------|----------------------------|----------------------------|
| | RF5A last year | RF5B 2 years ago | RF5C 3 years ago |
|--|--------------------------|----------------------------|----------------------------|

| | | | |
|-----------------------|--|--|--|
| Application #1 | | | |
| NPK | | | |
| Amount (kg) | | | |
| times/year | | | |
| Application #2 | | | |
| NPK | | | |
| Amount (kg) | | | |
| times/year | | | |
| Application #3 | | | |
| NPK | | | |
| Amount (kg) | | | |
| times/year | | | |

| | |
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| RF6A What is the primary water source for this plot ? (Use codes for water source.) RF6Aoth _____ | RF6A [] |
| RF6B What is the secondary water source for this plot ? (Use codes for water source.) RF6Both _____ | RF6B [] |

Codes for Water Source

| | |
|----------------------------|----------------------------------------------|
| 0 – no secondary source | 13 - natural reservoir (Baung) |
| 1 - rain | 15 - small man-made reservoir (Fai) |
| 3 - stream | 17 - large man-made reservoir (Aang gep nam) |
| 5 - river | 19 - natural ponds (huay, nong) |
| 7 - irrigation canal | 21 - well |
| 9 - natural khlong | 23 - other (specify) RF6A/Both _____) |
| 11 - small man-made khlong | |

| | |
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| RF7A In which years of the last five was this plot flooded? (Use codes for years. Record all that apply.) | RF7A [] |
| RF7B In which years of the last five did this plot suffer from drought? (Use codes for years. Record all that apply.) | RF7B [] |
| RF7C In which years of the last five did this plot lose significant amounts of soil? (Use codes for years. Record all that apply.) | RF7C [] |
| RF7D When soil is lost is it usually because of wind, rain or something else? (1 – wind, 3 – rain, 5 – other (specify).) | RF7D [] |

Codes for Years: RF7A, 7B, 7C

| |
|-----------------|
| A - none |
| B – last year |
| C – 2 years ago |
| D – 3 years ago |

E – 4 years ago

F – 5 years ago

| | |
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| RF7E Please describe the soil of this plot. (<i>Record all that apply. A – sandy, B – salty, C – other (specify).</i>) | RF7E [] |
| RF7G How fertile do you think this plot is? (<i>1 - very fertile, 3 – fertile, 5 – poor, 7 - very poor</i>) | RF7G [] |
| RF7H What type of land is this plot? (<i>A – up land, B – low land, C – other (specify).</i>) | RF7H [] |
| RF7I What is the approximate value of this plot, excluding any possible buildings, other structures or tree or field crops? | RF7I [] |

Ask **RF7J** and **RF7K** for each of the items listed in the table below.

RF7J Are there any ___ on this plot? (*If yes record the number of ___ on the plot. If no record 0 and go to the next item. If 0 and last item go to RF8A.*)

RF7K What is the current approximate value of the ___ on this plot?

| | RF7J # | RF7K approximate value |
|---------------------------|------------------|----------------------------------|
| house | | |
| crop storage buildings | | |
| buildings for livestock | | |
| buildings for business | | |
| other buildings (specify) | | |
| pens for livestock | | |
| wells | | |
| ponds | | |
| water tanks | | |
| fruit trees | | |
| other trees | | |
| kitchen garden | | |
| other (specify) | | |
| | | |
| | | |
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Plot Ownership Information

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| RF8A What is the current ownership status of this plot? (<i>1 – owned and operated by household, 3 – owned by the household but used by someone else for pay, 5 – owned by the household but used by someone else for free, 7 – owned by somebody else, the household pays rent (cash or in-</i>) | RF8A [] |
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| <i>kind) (include government and common land that the household uses and pays rent for), 9 - owned by somebody else, the household uses for free (include government and common land that the household uses for free), 11 - other (specify). Also record current ownership status on the 4R Plot Roster.)</i> | |
| RF8B What is this plot currently being used for? (<i>Record all that apply. A - crops, B - fish/shrimp, C - orchards, D - other trees, E - grazing/livestock, F - house plot, G - business, H - community use, I - fallow J - other (specify). Also record answer on the 4R Plot Roster.</i>) | RF8B [] |

| | |
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| RF9 Does this household own this plot? (<i>1 - yes, 3 - no. If 3 skip to RF19A.</i>) | RF9 [] |
|-----------------------------------------------------------------------------------------------|------------------------------|

Questions for plots owned by the household

Enumerator: ask RF10A – RF12G for each time part of the plot was acquired. If the entire plot was acquired altogether, then only use one line in the table. If, for example, the household inherited part of the plot and then later bought the rest of it, use two lines in the table.

RF10A1 In what month (*Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December*)

RF10A2 and year did you acquire this plot or this part of the plot?

RF10B How many rai is this part of the plot?

RF10C How did you acquire this plot or this part of the plot? (*1 – buy, 3 – inherit, 5 – gift, 7 – other(specify). If not bought (code 1) skip to RF12A.*)

RF10D How much did this plot or part of the plot cost?

Enumerator: check answers to RF10C. If any of the answers is 1 continue. If none of the answers is 1 skip to RF12A.

| # | RF10A1 month | RF10A2 year | RF10B rai | RF10C acquire | RF10D cost |
|---|-----------------|----------------|--------------|------------------|---------------|
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Enumerator: ask **RF11A** and **RF11B** for the whole plot, not each separately acquired subplot. For example, if the farmer bought parts of the plot from 2 different people then record all of the sources of money for each purchase in the table below.

RF11A Where did you get the money to buy this plot? (Record the answers in the table below.)

RF11B How much money came from this source? (Ask for each source and record the answers in the table below.)

| Source # | RF11A Source | RF11B Amount |
|----------|-----------------|-----------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

RF11A: Codes for Where Money Came From

- A - with cash that had been saved up
- B - with cash that was raised from selling land
- C - with cash that was raised from selling livestock or other assets
- D - with cash from selling product
- E - on credit from store
- F - with funds borrowed from Commercial Bank
- G - with funds borrowed from BAAC
- H - with funds borrowed from Agricultural Cooperative

- I - with funds borrowed from PCG
- J - with funds borrowed from other organization (specify) **RF11AO1**
- K - with funds borrowed from relatives
- L - with funds borrowed from non-relatives
- M - with funds borrowed from moneylender
- N - with cash from inheritance
- O - gift
- P - from employer
- Q - other (specify) **RF11AO2**

Acquiring Plot

Enumerator: ask **RF12A – RF12G** for each person from whom this plot was acquired. If the plot was only acquired from one person, then only use one line in the table. If, for example, the household inherited part of the plot and then later bought the rest of it, use two lines in the table.

RF12A What is the name of the person from whom you acquired this plot? (**RF12A1** nickname, **RF12A2** formal first name, **RF12A3** formal last name.)

RF12B Where does he or she live? (1 – in the village, 3 – not in the village, but in the tambon, 5 – not in the tambon, but in the amphoe, 7 – not in the amphoe, but in the changwat, 9 – in Bangkok, 11 – in another changwat. If 1 skip to **RF12D**. If 3 continue. Otherwise skip to **RF12E**.)

RF12C What is this person’s village #?

RF12D Enumerator: record census structure number.

RF12E How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

RF12F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).

RF12G What type of title do you have to this plot or this part of the plot? (1 – chanod, 3 – NS3, 5 – NS3K, 7 – SK1, 9 – Saw Paw Kae, 11 – Sor Tor Kor, 13 – application for land use, 15 – economic forest reserve area, 17 – non-economic forest reserve area, 19 – other (specify).)

| | RF12A1 nickname | RF12A2 first name | RF12A3 last name | RF12B where |
|--|---------------------------|-----------------------------|----------------------------|-----------------------|
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| | RF12C village # | RF12D structure # | RF12E rel’n | RF12F rel’n | RF12G title |
|--|---------------------------|-----------------------------|-----------------------|-----------------------|-----------------------|
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Plot Used as Collateral or Pawned/Mortgaged to Someone

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| RF13A Is this plot currently serving as collateral for a loan to this household, or has this plot been pawned or mortgaged to someone? (1 – yes, being used as collateral; 3 – yes, has been pawned/mortgaged; 5 – yes, is being used as some other kind of security; 7 – no. If 1 or 3 continue. If 5 go to RF13C and record details there. If 7 skip to RF14 .) | RF13A [] |
| RF13B Enumerator: After you have completed the Borrowing Loan module, record the loan number of the loan that is secured by this plot here. | RF13B [] |

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| RF13C Enumerator notes |
| RF13C Translation |

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| RF14 Do you or members of your household use this plot yourselves? (1 – yes, 3 – no. If no continue. If yes, you have finished the 4F1 Plot Form for this plot. | RF14 [] |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|

Plot Owned by the Household and Used by Others – General Questions

Enumerator: ask questions RF15A – RF18 for each person outside the household who uses the plot. For example if _ of the plant is rented by Mr. A and Mr. B rents the other _, use two lines in the tables below. If a group of people are using the land together and are not individually known to the respondent, then please record the information for the head of the group or the person that the household has the arrangement with.

RF15A What is the name of the person who uses this plot? (**RF15A1** nickname, **RF15A2** formal first name, **RF15A3** formal last name)

RF15B Where does he or she live? (1 – in the village, 3 – not in the village, but in the tambon, 5 – not in the tambon, but in the amphoe, 7 – not in the amphoe, but in the changwat, 9 – in Bangkok, 11 – in another changwat. If 1 skip to **RF15D**. If 3 continue. Otherwise skip to **RF15E**.)

RF15C What is this person's village #?

RF15D *Enumerator: record census structure number.*

RF15E How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.)

RF15F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).

RF15G1 In what month and year did this person begin using this plot? (Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December.)

RF15G2 and year did this person begin using this plot?

RF15H Does this person pay any rent (either in-cash or in-kind) for the use of this plot? (1 – yes, 3 – no. If yes, go to **RF16A**.)

RF15I Why do you let this person use this plot for free? (*Skip to RF17A.*)

| | RF15A1 nick name | RF15A2 first name | RF15A3 last name | RF15B where | RF15C village # | RF15D structure # | RF15E rel'n |
|--|----------------------------|-----------------------------|----------------------------|-----------------------|---------------------------|-----------------------------|-----------------------|
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| | RF15F rel'n | RF15G1 month | RF15G2 year | RF15H pay | RF15I why | RF15I translation |
|--|-----------------------|------------------------|-----------------------|---------------------|---------------------|-----------------------------|
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Plot Owned by the Household and Used by Others for Pay

RF16A Do you receive any portion of the harvest as payment for the use of this land?

(1 – yes, 3 – no. If no, skip to **RF16C.**)

RF16B What percentage of the harvest will you receive?

RF16C Do you receive any payments in cash for the use of this land? (1 – yes, 3 – no. If no skip to **RF16H.**)

RF16D How is the amount of cash payment that you receive determined? (1 – fixed amount of cash, 3 – cash equivalent of a fixed amount of rice, 5 – other (specify).)

RF16E How much rent do you receive each time you get a cash payment? (*Record the number of baht if payment is a fixed amount of cash. Record the number of kilos of rice if the payment is the cash equivalent of a fixed amount of rice.*)

RF16F What is the unit? (1 – baht, 3 – kilos of rice, 5 – other (specify).)

RF16G How often do you receive cash rental payments? (1 – one time at harvest, 3 – every month, 5 – other (specify)).

RF16H Do you receive any rental payments in-kind (not including payment of a fraction of harvest, if applicable)? (1 – yes, 3 – no. If no skip to **RF16N.**)

RF16I What good are you paid with? (1 – rice, 3 – other (specify)).

RF16J How much of this good do you receive each time you get a rental payment?

RF16K What is the unit used above? (1 – kilograms, 3 – other (specify).)

RF16L What is the approximate value of each in-kind rental payment?

RF16M How often do you receive in-kind rental payments? (1 – one time at harvest, 3 – every month, 5 – other (specify)).

RF16N What would happen if this person fails to pay the rent for this plot?

| | RF16A | RF16B | RF16C | RF16D | RF16E | RF16F | RF16G |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | | | |

| | get fraction | fraction | cash | how | amount | unit | often |
|--|-----------------|----------|------|-----|--------|------|-------|
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| | RF16H in-kind | RF16I good | RF16J amount | RF16K unit | RF16L value | RF16M often |
|--|-------------------------|----------------------|------------------------|----------------------|-----------------------|-----------------------|
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| | RF16N fail to pay rent | RF16N translation |
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| RF16O Enumerator notes |
| RF16O Translation |

Inputs and equipment

RF17A Do you contribute any inputs to the cultivation of this plot? (1 – yes, 3 – no. If no skip to **RF17D**.)

RF17B What is the approximate total value of the inputs that you contribute per agricultural season?

RF17C Does the person who uses this plot pay you (either in-cash or in-kind) for these inputs? (1 – yes, 3 – no.)

RF17D Do you contribute any equipment or animals to the cultivation of this plot? (1 – yes, 3 – no. If no skip to **RF18**.)

RF17E What equipment or animals do you contribute? (Record all that apply. A – walking tractor, B – large 4-wheel tractor, C – small 4-wheel tractor, D – water pump, E – paddles for aerating the water, F – other (specify).)

RF17F Does the person who uses this plot pay you (either in-cash or in-kind) for this equipment? (1 – yes, 3 – no.)

RF18 Is your rental or use agreement with this person written down? (1 – yes, 3 – no.)

Enumerator: ask questions **RF15A – RF18** for the next user of the plot. If this is the last plot, then you have finished the 4F1 Plot Form for this plot.

| | RF17A Inputs | RF17B value | RF17C pay | RF17D equipment | RF17E equipme nt | RF17F pay | RF18 written |
|--|------------------------|-----------------------|---------------------|---------------------------|-------------------------------|---------------------|------------------------|
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Plot Used by the Household but Owned by Others – General Questions

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| RF19A In what month and year did you begin using this plot? (Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | | RF19A1 Month _____ RF19A2 Year _____ |
| RF19B What is the name of the person who owns this plot? | RF19B1 nickname _____ RF19B2 formal first name _____ RF19B3 formal last name _____ | |
| RF19C Where does he or she live? (1 – in the village, 3 – not in the village, but in the tambon, 5 – not in the tambon, but in the amphoe, 7 – not in the amphoe, but in the changwat, 9 – in Bangkok, 11 – in another changwat. If 1 go to RF19E. If 3 continue. Otherwise skip to RF19F .) | | RF19C [] |
| RF19D What is this person’s village #? | | RF19D [] |
| RF19E Enumerator: record census structure number. | | RF19E |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| | [] |
| RF19F How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.) | RF19F [] |
| RF19G What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). | RF19G [] |
| RF19H What type of title does this person have to this plot? Codes: 1 – chanod, 3 - NS3, 5 - NS3K, 7 - SK1, 9 - Saw Paw Kae, 11 - Sor Tor Kor, 13 - application for land use, 15 – economic forest reserve area, 17 - non-economic forest reserve area, 19 - other (specify) | RF19H [] |

Plot Used as Collateral or Pawned/Mortgaged to Household

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| RF20A Is this plot currently serving as collateral for a loan this household has made to someone? Or has this plot been pawned or mortgaged to this household? (1 – yes, serving as collateral, 3 – yes, has been pawned/mortgaged to this household, 5 – no. If 5, skip to RF21A .) | RF20A [] |
| RF20B Enumerator: After you have completed the Lending Loan module, record the loan number of the loan that is secured by this plot here. | RF20B [] |

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|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RF21A Do you pay any rent (either in-cash or in-kind) for the use of this plot? (1 – yes, 3 – no. If yes, go to RF22A .) | RF21A [] |
| RF21B Why does the owner of the plot let you use this plot for free? (Skip to RF23A .) | |
| _____ | |
| _____ | |
| RF21B Translation | |
| _____ | |
| _____ | |

Plot Used by the Household for pay and Owned by Others

| | |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RF22A Do you pay any fixed fraction of the harvest for the use of this land? (1 – yes, 3 – no. If no, skip to RF22C .) | RF22A [] |
| RF22B What percentage of the harvest will you pay? | RF22B [] |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RF22C Do you make any payments in cash for the use of this land for the use of this land? (<i>1 – yes, 3 – no. If no skip to RF22H.</i>) | RF22C [] |
| RF22D How is the amount of cash payment that you make determined? (<i>1 – fixed amount of cash, 3 – cash equivalent of a fixed amount of rice, 5 – other (specify).</i>) | RF22D [] |
| RF22E How much rent do you pay each time you make a cash payment? (<i>Record the number of baht if payment is a fixed amount of cash. Record the number of kilos of rice if the payment is the cash equivalent of a fixed amount of rice.</i>) | RF22E [] |
| RF22F What is the unit? (<i>1 – baht, 3 – kilos of rice, 5 – other (specify).</i>) | RF22F [] |
| RF22G How often do you make cash rental payments? (<i>1 – one time at harvest, 3 – every month, 5 – other (specify).</i>) | RF22G [] |
| RF22H Do you make any rental payments in-kind (not including paying a fraction of harvest, if applicable)? (<i>1 – yes, 3 – no. If no skip to RF22N.</i>) | RF22H [] |
| RF22I What good do you pay with? (<i>1 – rice, 3 – other (specify).</i>) | RF22I [] |
| RF22J How much of this good do you pay each time you make a rental payment? | RF22J [] |
| RF22K What is the unit used above? (<i>1 – kilograms, 3 – other (specify).</i>) | RF22K [] |
| RF22L What is the approximate value of each in-kind rental payment? | RF22L [] |
| RF22M How often do you make in-kind rental payments? (<i>1 – one time at harvest, 3 – every month, 5 – other (specify).</i>) | RF22M [] |
| RF22N What would happen if you failed to pay the rent for this plot? _____ _____ _____ | |
| RF22N Translation _____ _____ | |
| RF22O Enumerator notes | |
| RF22O Translation | |

Inputs and equipment

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RF23A Does the owner of this plot contribute any inputs to the cultivation of this plot? (1 – yes, 3 – no. If no skip to RF23D .) | RF23A [] |
| RF23B What is the approximate total value of the inputs that the owner of this plot contributes per agricultural season? | RF23B [] |
| RF23C Do you pay the owner of this plot (either in-cash or in-kind) for these inputs? (1 – yes, 3 – no.) | RF23C [] |
| RF23D Does the owner of this plot contribute any equipment or animals to the cultivation of this plot? (1 – yes, 3 – no. If no skip to RF24 .) | RF23D [] |
| RF23E What equipment or animals does the owner of this plot contribute? (Record all that apply. A – walking tractor, B – large 4-wheel tractor, C – small 4-wheel tractor, D – water pump, E – paddles for aerating the water, F – other (specify).) | RF23E [] |
| RF23F Do you pay the owner of this plot (either in-cash or in-kind) for this equipment? (1 – yes, 3 – no.) | RF23F [] |

Agreement

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| RF24 Is your rental or use agreement with the owner of this plot written down? (1 – yes, 3 – no). Enumerator: You have finished the 4F1 Plot Form for this plot. | RF24 [] |
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| RF25 Enumerator Notes |
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| RF25 Translation |
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4FC. Land: Changes in Plot Ownership/Rent Form

Identification information

| | | | | | | | | | |
|------------|--|-----------|---------|------|--|---------|--|--------|--|
| -----RFC | | | 0A----- | | | RFC0B | | | |
| Changwat # | | Village # | | HH # | | Visit # | | Plot # | |
| | | | | | | | | | |

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|--------------------------------------|--|
| RFC0C Respondent's name | |
| RFC0D Relationship to HH head | |
| RFC0E HH member ID # | |
| RFC0F Date of Interview | |

Enumerator: Please check off the reason why this form is being filled out for this plot in the first column.

| <i>Enumerator Check</i> | <i>Reason</i> | <i>Code Check</i> | <i>Questions to Ask</i> |
|-------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------|
| | <i>New user of plot owned by Household</i> | <i>RM17A = 1 (yes), and this plot number appears in RM17B</i> | <i>RFC15A – 18</i> |
| | <i>Same user of plot owned by Household, but change in rental agreement.</i> | <i>RM18A = 1 (yes), and this plot number appears in RM18B</i> | <i>RFC16A – 18</i> |
| | <i>Change in rental/use agreement of plot used by Household and owned by someone else.</i> | <i>RM18D = 1 (yes), and this plot number appears in RM18E.</i> | <i>RFC20A – 24</i> |
| | <i>Household used to use this plot themselves, but now someone else uses it.</i> | <i>RM20A = 1 (yes), and this plot number appears in RM20B.</i> | <i>RFC15A – 18</i> |

Plot Owned by the Household and Used by Others – General Questions

| | |
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| RFC15A What is the name of the person who uses this plot? | RFC15A1 nickname _____ |
| | RFC15A2 formal first name _____ |
| | RFC15A3 formal last name _____ |
| RFC15B Where does he or she live? (1 – in the village, 3 – not in the village, but in the tambon, 5 – not in the tambon, but in the amphoe, 7 – not in the amphoe, but in the changwat, 9 – in Bangkok, 11 – in another changwat. If 1 skip to RFC15D . If 3 continue, otherwise skip to RFC15E .) | RFC15B [_____] |
| RFC15C What is this person's village #? | RFC15C [_____] |
| RFC15D Enumerator: record census structure number. | RFC15D |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------|
| | | [] |
| RFC15E How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.) | | RFC15E [] |
| RFC15F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify). | | RFC15F [] |
| RFC15G In what month and year did this person begin using this plot? (Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | RFC15G1 Month _____ RFC15G2 Year _____ | |
| RFC15H Does this person pay any rent (either in-cash or in-kind) for the use of this plot? (1 – yes, 3 – no. If yes, go to RFC16A .) | RFC15H [] | |
| RFC15I Why do you let this person use this plot for free? (Skip to RFC17A .) _____ _____ | | |
| RFC15I Translation _____ _____ | | |

Plot Owned by the Household and Used by Others for Pay

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RFC16A Do you receive any portion of the harvest as payment for the use of this land? (1 – yes, 3 – no. If no, skip to RFC16C .) | RFC16A [] |
| RFC16B What percentage of the harvest will you receive? | RFC16B [] |
| RFC16C Do you receive any payments in cash for the use of this land? (1 – yes, 3 – no. If no skip to RFC16H .) | RFC16C [] |
| RFC16D How is the amount of cash payment that you receive determined? (1 – fixed amount of cash, 3 – cash equivalent of a fixed amount of rice, 5 – other (specify).) | RFC16D [] |
| RFC16E How much rent do you receive each time you get a cash payment? (Record the number of baht if payment is a fixed amount of cash. Record the number of kilos of rice if the payment is the cash equivalent of a fixed amount of rice.) | RFC16E [] |
| RFC16F What is the unit? (1 – baht, 3 – kilos of rice, 5 – other (specify).) | RFC16F [] |

| | |
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| RFC16G How often do you receive cash rental payments? (<i>1 – one time at harvest, 3 – every month, 5 – other (specify).</i>) | RFC16G [] |
| RFC16H Do you receive any rental payments in-kind (not including payment of a fraction of harvest, if applicable)? (<i>1 – yes, 3 – no. If no skip to RFC16N.</i>) | RFC16H [] |
| RFC16I What good are you paid with? (<i>1 – rice, 3 – other (specify).</i>) | RFC16I [] |
| RFC16J How much of this good do you receive each time you receive a rental payment? | RFC16J [] |
| RFC16K What is the unit used above? (<i>1 – kilograms, 3 – other (specify).</i>) | RFC16K [] |
| RFC16L What is the approximate value of each in-kind rental payment? | RFC16L [] |
| RFC16M How often do you receive in-kind rental payments? (<i>1 – one time at harvest, 3 – every month, 5 – other (specify).</i>) | RFC16M [] |
| RFC16N What would happen if this person fails to pay the rent for this plot? _____ _____ _____ | |
| RFC16N Translation _____ _____ _____ | |

Inputs and Equipment

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RFC17A Do you contribute any inputs to the cultivation of this plot? (1 – yes, 3 – no. If no skip to RFC17D .) | RFC17A [] |
| RFC17B What is the approximate total value of the inputs that you contribute per agricultural season? | RFC17B [] |
| RFC17C Does the person who uses this plot pay you (either in-cash or in-kind) for these inputs? (1 – yes, 3 – no.) | RFC17C [] |
| RFC17D Do you contribute any equipment or animals to the cultivation of this plot? (1 – yes, 3 – no. If no skip to RFC18 .) | RFC17D [] |
| RFC17E What equipment or animals do you contribute? (Record all that apply. A – walking tractor, B – large 4-wheel tractor, C – small 4-wheel tractor, D – water pump, E – paddles for aerating the water, F – other (specify).) | RFC17E [] |
| RFC17F Does the person who uses this plot pay you (either in-cash or in-kind) for this equipment? (1 – yes, 3 – no.) | RFC17F [] |

Agreement

| | |
|-----------------------------------------------------------------------------------------------|--------------------------|
| RFC18 Is your rental or use agreement with this person written down? (1 – yes, 3 – no) | RFC18 [] |
|-----------------------------------------------------------------------------------------------|--------------------------|

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| RFC20A Has the owner of this plot changed? (1 – yes, 3 – no. If 3, skip to RFC21A .) | RFC20A [] |
| RFC20B What is the name of the new owner? | RFC20B1 nickname _____ RFC20B2 formal first name _____ RFC20B3 formal last name _____ |
| RFC20C Where does he or she live? (1 – in the village, 3 – not in the village, but in the tambon, 5 – not in the tambon, but in the amphoe, 7 – not in the amphoe, but in the changwat, 9 – in Bangkok, 11 – in another changwat. If 1 skip to RFC20E . If 3 continue, otherwise skip to RFC20F .) | RFC20C [] |
| RFC20D What is this person’s village #? | RFC20D [] |
| RFC20E Enumerator: record census structure number. | RFC20E [] |
| RFC20F How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.) | RFC20F [] |
| RFC20G What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store | RFC20G [] |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify). | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

Plot Used by the Household but Owned by Others – General Questions

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| RFC21A Do you pay any rent (either in-cash or in-kind) for the use of this plot? (1 – yes, 3 – no. If yes, go to RFC22A .) | RFC21A [] |
| RFC21B Why does the owner of the plot let you use this plot for free? (Skip to RFC23A .) _____ _____ | |
| RFC21B Translation _____ _____ | |

Plot Used by the Household for pay and Owned by Others

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| RFC22A Do you pay any fixed fraction of the harvest for the use of this land? (1 – yes, 3 – no. If no, skip to RFC22C .) | RFC22A [] |
| RFC22B What percentage of the harvest will you pay? | RFC22B [] |
| RFC22C Do you make any payments in cash for the use of this land for the use of this land? (1 – yes, 3 – no. If no skip to RFC22H .) | RFC22C [] |
| RFC22D How is the amount of cash payment that you make determined? (1 – fixed amount of cash, 3 – cash equivalent of a fixed amount of rice, 5 – other (specify).) | RFC22D [] |
| RFC22E How much rent do you pay each time you make a cash payment? (Record the number of baht if payment is a fixed amount of cash. Record the number of kilos of rice if the payment is the cash equivalent of a fixed amount of rice.) | RFC22E [] |
| RFC22F What is the unit? (1 – baht, 3 – kilos of rice, 5 – other (specify).) | RFC22F [] |
| RFC22G How often do you make cash rental payments? (1 – one time at harvest, 3 – every month, 5 – other (specify)). | RFC22G [] |
| RFC22H Do you make any rental payments in-kind (not including paying a fraction of harvest, if applicable)? (1 – yes, 3 – no. If no skip to RFC22N .) | RFC22H [] |
| RFC22I What good do you pay with? (1 – rice, 3 – other (specify)). | RFC22I [] |
| RFC22J How much of this good do you pay each time you make a rental | RFC22J |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| payment? | [] |
| RFC22K What is the unit used above? (<i>1 – kilograms, 3 – other (specify).</i>) | RFC22K [] |
| RFC22L What is the approximate value of each in-kind rental payment? | RFC22L [] |
| RFC22M How often do you make in-kind rental payments? (<i>1 – one time at harvest, 3 – every month, 5 – other (specify).</i>) | RFC22M [] |
| RFC22N What would happen if you failed to pay the rent for this plot? | |
| RFC22N Translation _____ _____ | |

Inputs and equipment

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| RFC23A Does the owner of this plot contribute any inputs to the cultivation of this plot? (<i>1 – yes, 3 – no. If no skip to RFC23D.</i>) | RFC23A [] |
| RFC23B What is the approximate total value of the inputs that the owner of this plot contributes per agricultural season? | RFC23B [] |
| RFC23C Do you pay the owner of this plot (either in-cash or in-kind) for these inputs? (<i>1 – yes, 3 – no.</i>) | RFC23C [] |
| RFC23D Does the owner of this plot contribute any equipment or animals to the cultivation of this plot? (<i>1 – yes, 3 – no. If no skip to RFC24.</i>) | RFC23D [] |
| RFC23E What equipment or animals does the owner of this plot contribute? (<i>Record all that apply. A – walking tractor, B – large 4-wheel tractor, C – small 4-wheel tractor, D – water pump, E – paddles for aerating the water, F – other (specify).</i>) | RFC23E [] |
| RFC23F Do you pay the owner of this plot (either in-cash or in-kind) for this equipment? (<i>1 – yes, 3 – no.</i>) | RFC23F [] |

Agreement

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| RFC24 Is your rental or use agreement with the owner of this plot written down? (<i>1 – yes, 3 – no</i>) | RFC24 [] |
|-------------------------------------------------------------------------------------------------------------------|-------------------------|

5F1. Cultivation: New Crop-Plot Form

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|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- CF1A ----- | | | ----- CF1B ----- | | |
| Changwat | Village # | HH # | Visit # | Plot # | Crop /Plot # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| CF1C Respondent's nickname | CF1C [] |
| CF1D HH member ID # | CF1D [] |

Choice of crop

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| CF2A What crop are you growing? <i>Enumerator: record this information on the Crop-Plot Roster also.</i> | |
| CF2A translation | |
| CF2B How many rai are you using for this crop on this plot? <i>Enumerator: record this information on the Crop-Plot Roster also.</i> | CF2B [] |
| CF2C In what month <i>(1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December)</i> | CF2C [] |
| CF2D and in which year did you begin preparation for this crop-plot? <i>Enumerator: record the month and year that preparation begun on the Crop-Plot Roster also</i> | CF2D [] |
| CF3A Where on the plot are you working this crop? <i>(1- whole plot, 3 – north side, 5 – south side, 7 – east side, 9 – west side, 11 – middle, 13 - other (specify). If 1, skip to CF5A)</i> | CF3A [] |

Enumerator: please sketch the outline of the plot and indicate on the drawing where the farmer is growing this crop.

North ↑

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| CF3B Why aren't you using the whole plot for this crop? (Record all that apply. A – only part of plot has suitable soil for this crop, B – only part of plot has suitable water for this crop, C – not enough labor to work whole plot, D – other.) | CF3B [] |
| CF5A Who made the decision to grow this crop on this plot? (1 – household member, 3 – someone from outside the household. If 3 go to CF5C .) | CF5 [] |
| CF5B1 What is this person's nickname? | CF5B1 [] |
| CF5B2 Enumerator: record this person's household member id # from the Household Roster. Skip to CF5H . | CF5B2 [] |
| CF5C What is this person's name? | CF5C1 nickname _____ CF5C2 formal first name _____ CF5C3 formal last name _____ |
| CF5D Where does he or she live? (1 – this village, 3 – not this village but in this tambon, 5 – not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 – in another changwat, 13 other. If 1 go to CF5F . If 3 continue, otherwise skip to CF5G .) | CF5D [] |
| CF5E Village number | CF5E [] |
| CF5F Enumerator: record census structure number. | CF5F [] |
| CF5G1 What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.) | CF5G1 [] |
| CF5G2 What other relationships do you have with this person? (Record all that apply. R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household farms, W – purchaser of output, X – no relationship, Y someone I (or members of my household) owe money to, Z – other, (specify).) | CF5G2 [] |
| CF5H Why did your household/the person named in CF5C decide to grow this particular crop instead of a different one? (Record all that apply. A – higher price for this crop, B – this crop requires less labor, C – this crop requires fewer or cheaper inputs, D – advice from government agency, E – advice from individual, F – observation of other farmers, G – did not think about growing a different crop, H – other (specify).) | CF5H [] |
| CF5I Was there any disagreement about the choice of crop? (1 – | CF5I |

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| yes, 3 – no.) | [] |
| CF5J With whom was the decision to grow this crop discussed? (1 – discussed among household members only, 3 – others (specify), 5 – not discussed). | CF5J [] |

Cultivators

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| CF6A1 What is the nickname of the person in this household who is primarily responsible for the cultivation of this crop on this plot? | CF6A1 [] |
| CF6A2 Enumerator: record this person’s household member id # from the Household Roster. | CF6A2 [] |
| CF6A3 Is there anyone outside the household who is also responsible for the cultivation of this crop on this plot? (1 – yes, 3 – no. If 3, skip to CF7A) | CF6A3 [] |

CF6B What is the name of this person? (**CF6B1** nickname, **CF6B2** first name, **CF6B3** last name).

CF6C Where does this person live? (1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 go to CF6E. If 3 continue otherwise skip to **CF6F**.)

CF6D What is the village #?

CF6E Enumerator: record census structure #

CF6F1 What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

CF6F2 What other relationships do you have with this person? (Record all that apply. R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household farms, W – purchaser of output, X – no relationship, Y someone I (or members of my household) owe money to, Z – other, (specify).)

CF6G How have you divided the responsibilities for this crop between this person and your household?

CF6H What fraction of the harvest of this crop on this plot will this person receive?

| person # | CF6B1 nick name | CF6B2 first name | CF6B3 last name | CF6C where | CF6D village # | CF6E structur e # | CF6F1 rel’n |
|----------|---------------------------|----------------------------|---------------------------|----------------------|--------------------------|-----------------------------|-----------------------|
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| person # | CF6F2 other rel'n | CF6G division of responsibilities | CF6H fraction |
|----------|-------------------------|--------------------------------------|------------------|
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| CF6I1 Are there any special circumstances in which a co-cultivator would receive a bigger or smaller proportion of the harvest? (1 - yes, 3 - no. If no skip to CF6J .) | CF6I1 [] |
| CF6I2 What are these special circumstances? | |
| CF6I2 Translation | |
| CF6J What is the advantage of farming this crop in a group rather than farming the plot individually? | |
| CF6J Translation | |

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| CF7A Stop Time | CF7A [] |
|-----------------------|--------------------------|

| # | CFO2A op'n | CFO2B times | CFO2C what | CFO2D1 hours |
|---|---------------|----------------|---------------|-----------------|
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CFO2D2 Did this operation on this crop-plot accomplish the intended purpose? (1 – yes, 3 – no, 5 – don't know yet. If 1 or 5 skip to CFO2E.)

CFO2D3 Why didn't this operation on this crop-plot accomplish the intended purpose?

CFO2E Did you use any inputs for this operation? (1 – yes, 3 – no.)

| # | CFO2D2 purpose | CFO2D3 why | CFO2D3 translation | CFO2E inputs |
|---|-------------------|---------------|-----------------------|-----------------|
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Enumerator: if CFO2E is '3' for all operations, please skip to CFO5A.

Use of Inputs

Now I would like to find out about the inputs that you have used on this crop-plot since the last interview – from inputs that you may have already had on hand in addition to inputs that you acquired/bought since the last interview.

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| CFO4A Have you used any inputs on this crop-plot since the last interview? (1 – yes, 3 – no. If 3, skip to CFO5A). | CFO4A [] |
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Enumerator: list each input that was used on this crop-plot in the table below. Ask questions CFO4B – CFO4F for each input. Use a separate line for each different type of input. For example, if two different types of fertilizer were used, use 2 lines in the table.

CFO4B will be '1' for each and the answer to **CFO4C** should record the NPK numbers of each.

CFO4B What type of input did you use? (1 – chemical fertilizer, 3 – manure, 5 – herbicide, 7 – insecticide, 9 – fungicide, 11 – hormones, 13 – seeds, 15 – seedlings, 17 - other (specify).)

CFO4C What kind or brand of ____ did you use? (For chemical fertilizer, record NPK number.)

CFO4D How much ___ did you use since the last interview?

CFO4E What is the unit of measurement? (1 – kilograms, 3 – other (specify).)

CFO4F1 What is the approximate total cash value of the input you used on this crop-plot since the last interview?

CFO4F2 Which crop-plot operations on this crop-plot did you use this input for?
(Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)

| | CFO4B input | CFO4C kind | CFO4D amount | CFO4E unit | CFO4F1 value | CFO4F2 op'n |
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| CFO4G If spray was applied, did the people who applied the spray wear protective clothing and masks? (1 – yes, they all did; 3 – yes, some of them did; 5 – no, 7 – spray was not applied.) | CFO4G [] |
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LABOR – FREE/LABOR EXCHANGE, HOUSEHOLD LABOR, PAID LABOR

Free Labor and Labor Exchange

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| CFO5A Since the last interview, did anyone from outside the household work with on this crop-plot either for free or as labor exchange? (1 –yes, 3 – no. If 3, skip to CFO6A .) | CFO5A [] |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|

Ask **CFO5B – CFO5K** for each person from outside the household who worked either for free or as labor exchange.

CFO5B What is the name of this person? (**CFO5B1** nickname, **CFO5B2** first name, **CFO5B3** last name).

CFO5C Where does this person live? (1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 skip to **CFO5E**. If 3 continue. Otherwise skip to **CFO5F**.)

CFO5D What is the village #?

CFO5E Enumerator: record census structure #

CFO5F What is your relationship to this person? This person is my _____. (*A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.*)

CFO5G What other relationship do you have with this person? This person is my _____.
Codes: *R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify).*)

CFO5I Since the last interview, how many days did this person work on this crop-plot?

CFO5J On a day when this person worked on this crop-plot, on average how many hours did they work?

CFO5K Is this person working for free or as labor exchange? (*1 – for free, 3 – labor exchange, 5 – other (specify).*)

CFO5L What crop-plot operations on this crop-plot did this person work on? (*Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).*)

| | CFO5B1 nickname | CFO5B2 first name | CFO5B3 last name | CFO5C where | CFO5D village # |
|--|---------------------------|-----------------------------|----------------------------|-----------------------|---------------------------|
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| | CFO5E structure # | CFO5F rel'n | CFO5G rel'n | CFO5I days | CFO5J hours | CFO5K free | CFO5L op'n |
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Paid Labor from Outside the Household

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| CFO6A Since the last interview, did anyone from outside the household work on this crop-plot for pay (either in cash or in-kind)? (1 –yes, 3 – no. If 3, skip to CFO7A) | CFO6A [] |
| CFO6B How many people from outside the household worked for pay and are paid by you directly? (Enumerator: if the respondent hired a group of workers through a broker, the information about these workers should be recorded in CFO6N – Z even if the respondent pays these workers directly.) | CFO6B [] |

Ask **CFO6C – CFO6K2** for each person from outside the household who worked on this crop-plot for pay who the respondent pays directly.

CFO6C What is the name of this person? (**CFO6C1** nickname, **CFO6C2** first name, **CFO6C3** last name).

CFO6D Where does this person live? (1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 skip to **CFO6F**. If 3 continue. Otherwise skip to **CFO6G**.)

CFO6E What is the village #?

CFO6F Enumerator: record census structure #

CFO6G What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

CFO6H What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify.)

CFO6J Since the last interview, how many days did this person work on this crop-plot?

CFO6K1 On a day when this person worked on this crop-plot, on average how many hours did they work?

CFO6K2 What crop-plot operations on this crop-plot did this person work on? (Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or

irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)

| | CFO6C1 nickname | CFO6C2 first name | CFO6C3 last name | CFO6D where | CFO6E village # |
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| | CFO6F structure # | CFO6G rel'n | CFO6H rel'n | CFO6J days | CFO6K1 hours | CFO6K2 op'n |
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| CFO6L What were your total cash labor expenses for hiring these people to work on this crop-plot, since the last interview? <i>(Please help the respondent to come up with an estimate if necessary.)</i> | CFO6L [] |
| CFO6M What is the value of your total in-kind labor expenses for hiring these people to work on this crop-plot, since the last interview? <i>(Please help the respondent to come up with an estimate if necessary.)</i> | CFO6M [] |
| CFO6N Besides these people, did anyone else from outside the household work on this crop-plot for pay, since the last interview? For example, did you hire a group of workers through a broker? <i>(1 – yes. 3 – no. If 3 skip to CFO7A.)</i> | CFO6N [] |

Ask **CFO6O – CFO6Z2** for each group of workers from outside the household who worked on this crop-plot for pay who the respondent does not know individually.

- CFO6O** What is the name of the person that arranged to hire these workers with?
(**CFO6O1** nickname, **CFO6O2** first name, **CFO6O3** last name).
- CFO6P** Where does this person live? (1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 skip to **CFO6R**. If 3 continue. Otherwise skip to **CFO6S**.)
- CFO6Q** What is the village #?
- CFO6R** Enumerator: record census structure #
- CFO6S** What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)
- CFO6T** What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify).)
- CFO6U** How many people did you hire through this person?
- CFO6W** How many days did they work on this crop-plot, since the last interview?
- CFO6X** On a day when these people worked on this crop-plot, on average how many hours did they work?
- CFO6Y** Since the last interview, what were your total cash labor expenses for hiring these people to work on this crop-plot? (Please help the respondent to come up with an estimate if necessary.)
- CFO6Z1** Since the last interview, what is the value of your total in-kind labor expenses for hiring these people to work on this crop-plot? (Please help the respondent to come up with an estimate if necessary.)
- CFO6Z2** What crop-plot operations on this crop-plot did these people work on? (Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)

| | CFO6O1 nickname | CFO6O2 first name | CFO6O3 last name | CFO6P where | CFO6Q village # | CFO6R structure # | CFO6S rel'n |
|--|---------------------------|-----------------------------|----------------------------|-----------------------|---------------------------|-----------------------------|-----------------------|
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| | CFO6T rel'n | CFO6U number | CFO6W days | CFO6X hours | CFO6Y cash | CFO6Z1 in-kind | CFO6Z2 op'n |
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Household Labor

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| CFO7A Since the last interview, how many members of your household worked on this crop-plot? Please include yourself. (If none, record 0 and go to CFO8A .) | CFO7A [] |
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Ask **CFO7B – CFO7G** for each household member who worked on this crop-plot, since the last interview. You will need to consult the **1R. Household Roster** in order to answer these questions.

CFO7B Enumerator: record this person’s nickname from the Household Roster.

CFO7C Enumerator: record this person’s household member id # from the Household Roster.

CFO7E Since the last interview, how many days did this person work on this crop-plot?

CFO7F On a day when this person worked on this crop-plot, on average how many hours did they work?

CFO7G What crop-plot operations on this crop-plot did this person work on? (Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)

| | CFO7B nickname | CFO7C member # | CFO7E days | CFO7F hours | CFO7G op'n |
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EQUIPMENT – BELONGING TO OTHERS, TO HOUSEHOLD, EXPENSES**Equipment/Animals that belong to others**

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| CFO8A Since the last interview, did you use any equipment or animals that do <i>not</i> belong to you or members of this household on this crop-plot? (1 –yes, 3 – no. If 3, skip to CFO9A) | CFO8A [] |
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Ask **CFO8B –CFO8O** for each type of equipment or animal that belongs to someone else. Use separate lines for each type of equipment. Use separate lines for the same equipment with different owners. For example, if the household borrowed 2 walking tractors from the same neighbor, use only one line and record ‘2’ for **CFO8K**. If the household borrowed one walking tractor from one neighbor and another one from another neighbor, use two lines and record ‘1’ for **CFO8K** for each line.

CFO8B What kind of equipment or animals did you use? (1 – walking tractor, 3 – large four wheel tractor, 5 – small four wheel tractor, 7 – water pump, 9 – paddles for aerating the water, 11 - other (specify).)

CFO8C Who owns this equipment/animal? (1 – an individual, 3 – an institution or government agency. If 3 skip to **CFO8G**.)

CFO8D What is the name of the person who owns this equipment/animal? (**CFO8D1** nickname, **CFO8D2** first name, **CFO8D3** last name).

CFO8E What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

CFO8F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). Skip to **CFO8H**.)

CFO8G What institution or government agency owns this equipment/animal? (1 – kaset tambon, 3 – kaset amphoe, 5 – agricultural cooperative, 7 – PCG, 9 – BAAC, 11 – trader who came to the village, 13 – business, 15 – other (specify).)

CFO8H Where does this person live or where is this institution/agency located? (1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 skip to **CFO8J**. If 3 continue. Otherwise skip to **CFO8K**.)

CFO8I What is the village #?

CFO8J Enumerator: record census structure #

CFO8K How many pieces of this type of equipment did you use that belong to this person/institution? Or how many animals of this type did you use that belong to this person/institution?

CFO8L Did you have to pay the owner for using this equipment/animal? (1 – yes, 3 – no. If 3, skip to **CFO8O**. Please do not include expenses for gas or repair etc. UNLESS the payment was made to the owner of the equipment.)

CFO8M How much cash did you pay in total for the use of this equipment/animal? (If no cash was used, record 0.)

CFO8N What was the approximate total cash value of the goods you used to pay for the use of this equipment/animal? (If no goods were used, record 0.)

CFO8O What crop-plot operations on this crop-plot did you use this equipment for? (Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)

| | CFO8B equipment | CFO8C owner | CFO8D1 nickname | CFO8D2 first name | CFO8D3 last name |
|--|---------------------------|-----------------------|---------------------------|-----------------------------|----------------------------|
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| | CFO8E rel'n | CFO8F rel'n | CFO8G institution | CFO8H where | CFO8I village | CFO8J structure # |
|--|-----------------------|-----------------------|-----------------------------|-----------------------|-------------------------|-----------------------------|
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| | CFO8K number | CFO8L pay | CFO8M cash | CFO8N value | CFO8O op'n |
|--|------------------------|---------------------|----------------------|-----------------------|----------------------|
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Animals and Equipment that belong to the Household

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| CFO9A Since the last interview, did you use any equipment or animals worth more than 1,000 baht that belong to you or members of this household on this crop-plot? (1 –yes, 3 – no. If 3, skip to | CFO9A [] |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|

| | |
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| CFO10A) | |
| CFO9B What animals and equipment did you use that belong to you or members of your household? (<i>Record all that apply. (A – walking tractor, B – large four wheel tractor, C – small four wheel tractor, D – water pump, E – paddles for aerating the water, F – other (specify).)</i>) | CFO9B [] |
| CFO9C What crop-plot operations on this crop-plot did you use this equipment for? (<i>Record all that apply: A – Soil Preparation and Plowing, B – Planting or transplanting, C – Weeding or thinning, D – Spraying, E – Fertilizing, F – Water control or irrigation, G – Harvesting, H – Collection for threshing, I – Threshing, J – Transport to storage, K – other (specify).)</i>) | CFO9C [] |

PRODUCTS FROM CROP-PLOT SINCE THE LAST INTERVIEW

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| CFO10A Enumerator: Do the crop-plot operations include harvesting (code G for CFO2A)? (1 – yes, 3 – no. If no skip to CFO12 .) | CFO10A [] |
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Enumerator: ask questions **CFO10B – E** for each product that was harvested from this crop-plot since the last interview.

CFO10B What product was harvested?

CFO10C What is the total amount of this product that you have harvested from this crop-plot since the last interview?

CFO10D What is the unit of measurement? (1 – kilograms, 3 – other (specify).)

CFO10E What is the total value of the amount that you have harvested, since the last interview? Enumerator: Be sure to include this product in the 7M Inventory of Storable Crops Module.

| | CFO10B product | CFO10B translation | CFO10C total | CFO10D unit | CFO10E value |
|--|--------------------------|------------------------------|------------------------|-----------------------|------------------------|
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CFO12 Enumerator Notes

CFO12 Translation

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| CFO13 Stop Time | CFO13 [] |
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8F. Livestock Inventory: New Livestock Form

| ----- IF1A ----- | | | --- IF1B --- |
|----------------------|----------------------|----------------------|----------------------|
| Village # | HH # | Visit # | Livestock # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| IF1C Respondent's nickname | IF1C [] |
| IF1D HH member ID # | IF1D [] |

Choice of Livestock

| | |
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| IF2A What type of livestock are you raising? | IF2A [] |
| IF2C In what month (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | IF2C [] |
| IF2D and in which year did you begin raising this type of livestock? | IF2D [] |
| IF5A Who made the decision to raise this type of livestock? (1 – household member, 3 – someone from outside the household. If 3 go to IF5C .) | IF5A [] |
| IF5B1 What is this person's nickname? | IF5B1 [] |
| IF5B2 Enumerator: record this person's household member id # from the Household Roster. Skip to IF5H . | IF5B2 [] |
| IF5C What is this person's name? | IF5C1 nickname _____ IF5C2 formal first name _____ IF5C3 formal last name _____ |
| IF5D Where does he or she live? (1 – this village, 3 – not this village but in this tambon, 5 – not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 – in another changwat, 13 other. If 1 go to IF5F . If 3 continue, otherwise skip to IF5G1 .) | IF5D [] |
| IF5E Village number | IF5E [] |
| IF5F Enumerator: record HH id number. | IF5F [] |
| IF5G1 What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I | IF5G1 [] |

| | |
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| <i>– son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)</i> | |
| IF5G2 What other relationships do you have with this person? (Record all that apply. <i>R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household farms, W – purchaser of output, X – no relationship, Y someone I (or members of my household) owe money to, Z – other, (specify).</i>) | IF5G2 [] |
| IF5H Why did your household/the person named in IF5C decide to raise this type of livestock instead of a different type? (Record all that apply. <i>A – higher price for this livestock, B – this livestock requires less labor, C – this livestock requires fewer or cheaper inputs, D – advice from government agency, E – advice from individual, F – observation of other farmers, G – did not think about raising a different type of livestock, H – other (specify).</i>) | IF5H [] |
| IF5I Was there any disagreement about the choice of livestock? (<i>1 – yes, 3 – no.</i>) | IF5I [] |
| IF5J With whom was the decision to raise this type of livestock discussed? (<i>1 – discussed among household members only, 3 – others (specify).</i>) | IF5J [] |

People

| | |
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| IF6A1 What is the nickname of the person in this household who is primarily responsible for the raising this livestock? | IF6A1 [] |
| IF6A2 Enumerator: record this person’s household member id # from the Household Roster. | IF6A2 [] |
| IF6A3 Is there anyone outside the household who is also responsible for raising this livestock? (<i>1 – yes, 3 – no. If 3, skip to IF7A</i>) | IF6A3 [] |

IF6B What is the name of this person? (**IF6B1** nickname, **IF6B2** first name, **IF6B3** last name).

IF6C Where does this person live? (*1 – this village, 3 – not this village but in this tambon, 5 - not tambon but amphoe, 7 – not amphoe but changwat, 9 – in Bangkok, 11 - in another changwat, 13 other. If 1 go to IF6E. If 3 continue otherwise skip to IF6F1.*)

IF6D What is the village #?

IF6E Enumerator: record HH id #

IF6F1 What is your relationship to this person? This person is my _____. (*A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-*

law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

IF6F2 What other relationships do you have with this person? (Record all that apply. R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household farms, W – purchaser of output, X – no relationship, Y someone I (or members of my household) owe money to, Z – other, (specify).)

IF6G How have you divided the responsibilities for this livestock between this person and your household?

IF6H What fraction of the revenues from this livestock will this person receive?

| person # | IF6B1 nick name | IF6B2 first name | IF6B3 last name | IF6C where | IF6D village # | IF6E HH id # | IF6F1 rel'n |
|----------|-----------------------|---------------------|--------------------|---------------|-------------------|-----------------|----------------|
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| person # | IF6F2 other rel'n | IF6G division of responsibilities | IF6H fraction |
|----------|-------------------------|--------------------------------------|------------------|
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| IF6I1 Are there any special circumstances in which a co-livestock raiser would receive a bigger or smaller proportion of the revenues? (1 - yes, 3 – no. If no skip to IF6J .) | IF6I1 [] |
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|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| IF6I2 What are these special circumstances? | |
| IF6I2 Translation | |
| IF6J What is the advantage of raising this livestock in a group rather than raising the livestock by yourself? | |
| IF6J Translation | |
| IF7A Stop Time | IF7A [] |

10F. Fish -- Shrimp: Pond Form

| | | | | |
|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| ----- FF1A ----- | | | ----- FF1B ----- | |
| Village | HH # | Visit # | Plot # | Pond # |
| # | | | | |
| <input style="width: 40px; height: 20px;" type="text"/> | <input style="width: 40px; height: 20px;" type="text"/> | <input style="width: 40px; height: 20px;" type="text"/> | <input style="width: 40px; height: 20px;" type="text"/> | <input style="width: 40px; height: 20px;" type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| FF1C Start Time | FF1C [] |
| FF1D Respondent's nickname | FF1D [] |
| FF1E HH member ID # | FF1E [] |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| FF2A What will you raise in this pond? (<i>1 – fish, 3 – shrimp, 5 – fish and shrimp, 7 – nothing, 9 – other (specify).</i>) | FF2A [] |
| FF2B How many rai are you using for this pond? <i>Enumerator: record this information on the 10R Fish – Shrimp Pond Roster also.</i> | FF2B [] |
| FF2C In what month (<i>1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December</i>) | FF2C [] |
| FF2D and in which year did you begin digging this pond, or did you acquire this pond? <i>Enumerator: record the month and year that the pond was dug on the 10R Fish – Shrimp Pond Roster also.</i> | FF2D [] |
| FF3A Which plot is this pond located in? (<i>Enumerator: help the respondent to identify the plot and the record plot number from the 4R Land – Plot Roster. Also record the plot number on the 10R Fish – Shrimp Pond Roster.</i>) | FF3A [] |
| FF3B Where on the plot is this pond located? (<i>1- whole plot, 3 – north side, 5 – south side, 7 – east side, 9 – west side, 11 – middle, 13 - other (specify). Also record the pond location on the 10R Fish – Shrimp Pond Roster.</i>) | FF3B [] |
| FF3C Is this a new pond – that is, one that has never been used to raise fish or shrimp before by you or anyone else? (<i>1 – yes, 3 – no. If yes, skip to FF4A.</i>) | FF3C [] |
| FF3D How many times have shrimp been raised in this pond before? | FF3D [] |
| FF3E How many times have fish been raised in this pond before? | FF3E [] |
| FF3F Has there ever been a case where many of the fish or the | FF3F |

| | |
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| shrimp in this pond have died because of a disease? (1 – yes, 3 - no. If no skip to FF4A). | [] |
| FF3G In what month (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | FF3G [] |
| FF3H and in which year did this occur? <i>Enumerator: if the this has happened more than once, record the month and year of the most recent case.</i> | FF3H [] |
| FF4A How much did it cost to dig this pond? | FF4A [] |

FF4B Where did you get the money to dig this pond? (Record the answers in the table below.)

FF4C How much money came from this source? (Ask for each source and record the answers in the table below.)

| Source # | FF4B Source | FF4C Amount |
|----------|-----------------------|-----------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

FF4B: Codes for Where Money Came From

- A - with cash that had been saved up
- B - with cash that was raised from selling land
- C - with cash that was raised from selling livestock or other assets
- D - with cash from selling product
- E - on credit from store
- F - with funds borrowed from Commercial Bank
- G - with funds borrowed from BAAC
- H - with funds borrowed from Agricultural Cooperative

- I - with funds borrowed from PCG
- J - with funds borrowed from other organization (specify) **FF4BO1**
- K - with funds borrowed from relatives
- L - with funds borrowed from non-relatives
- M - with funds borrowed from moneylender
- N - with cash from inheritance
- O - gift
- P - from employer
- Q - other (specify) **FF4BO2**

| | |
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| FF5A Who made the decision to dig this pond? (1 – household member, 3 – someone from outside the household. If 3 go to FF5D .) | FF5A [] |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| FF5B1 What is this person's nickname? | FF5B1 [] |
| FF5B2 <i>Enumerator: record this person's household member id # from the Household Roster. Skip to FF5H.</i> | FF5B2 [] |
| FF5D What is this person's name? | FF5D1 nickname _____ FF5D2 formal first name _____ FF5D3 formal last name _____ |
| FF5E Where does he or she live? (1 – this village, 3 - not this village but in this tambon, 5 – not tambon but amphoe, 7 – not amphoe but changwat, 9 - in Bangkok, 11 - in another changwat, 13 other. If 1 go to FF5G. If 3 continue, otherwise skip to FF5H .) | FF5E [] |
| FF5F Village number | FF5F [] |
| FF5G <i>Enumerator: record HH id number.</i> | FF5G [] |
| FF5H1 What is your relationship to this person? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.) | FF5H1 [] |
| FF5H2 What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plot that the household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). | FF5H2 [] |

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| <i>non-agricultural labor, 19 – other (specify).)</i> | | |
| JF1D What type of worker are you in this job? (1 - employee - daily wages, 3 – employee – monthly wages, 5 – employee - piece rate, in house, 7 – employee - piece rate, out of house, 9 – government worker, 11 - other (specify).) | | JF1D [] |
| JF1E What field is this job in? (1 – agriculture, 3 - forestry, hunting, 5 – fishery (including shrimp), 7 – mining and excavation, 9 – processing industry, 11 – electricity, gas and water, 13 – construction, 15 – wholesale, 17 - retail, 19 – restaurant, 21 – hotel, 23 – transportation, warehouses, communication, 25 – finance, insurance, 27 - building and land rental service, 29 – public sector, civil service, 31 – other (specify).) | | JF1E [] |
| JF1F Where do you do this job? If this job is not done in more than one location, please tell me about the place where you do this job most frequently. (1 - in the village, 3 - not in the village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 – not in the amphoe, but in the chnagwat, 9 – in Bangkok, 11 – in another changwat, 13 – other (specify). Enumerator: also record the place on the 11R Job Roster for this household member.) | | JF1F [] |
| JF1G On average, how many minutes does it take you to get from the place where you sleep to this workplace by the method of transportation that you use most often? | | JF1G [] |

Employer - Individual

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------|
| JF2A Are you working for an individual or for a business/organization in this job? (1 – individual, 3 – business/organization. If 3 skip to JF2H .) | | JF2A [] |
| JF2B Please tell me the name of your employer. (Enumerator: also record the name of the employer on the 11R Job Roster for this household member.) | JF2B1 nickname _____ JF2B2 first name _____ JF2B3 last name _____ | |
| JF2C How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.) | | JF2C [] |
| JF2D What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). | | JF2D [] |
| JF2E Where does this person live? (1 - in the village, 3 - not in the | | JF2E |

| | |
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| <i>village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 - not in the amphoe but in the changwat, 9 - in Bangkok, 11 - in another changwat. If 1 go to JF2G. If 3 continue. Otherwise skip to JF3A.)</i> | [] |
| JF2F What is this person's village number? | JF2F [] |
| JF2G Enumerator: Record census structure #. Skip to JF3A . | JF2G [] |

Business/Organization

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| JF2H What is the name of this business/organization? (<i>Enumerator: also record the name of the employer on the 11R Job Roster for this household member.</i>) | |
| JF2H Translation | |
| JF2I Is this a business or an organization? (<i>1 – business, 3 – NGO, 5 – gov't agency, 7 – other (specify).</i>) | JF2I [] |
| JF2J Do you know the name of the owner of this business or the head of this organization? (<i>1 – yes, 3 – no. If 3, skip to JF3B.</i>) | JF2J [] |
| JF2K Please tell me the name of the owner of the business/head of the organization. | JF2K1 nickname _____ JF2K2 first name _____ JF2K3 last name _____ |
| JF2L How is this person related to you? This person is my _____. (<i>A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.</i>) | JF2L [] |
| JF2M What other relationship do you have with this person? This person is my _____. Codes: <i>R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).</i>) | JF2M [] |
| JF2N Where does this person live? (<i>1 - in the village, 3 - not in the village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 - not in the amphoe but in the changwat, 9 - in Bangkok, 11 – in another changwat. If 1 go to JF2P. If 3 continue. Otherwise skip to JF3B.</i>) | JF2N [] |
| JF2O What is this person's village number? | JF2O [] |
| JF2P Enumerator: Record census structure #. | JF2P [] |

| | |
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| JF2Q Where is this business/organization located? (1 - in the village, 3 - not in the village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 - not in the amphoe but in the changwat, 9 - in Bangkok, 11 – in another changwat.) | JF2Q [] |
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Work History

| | |
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| JF3B In which month... (Month Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 - November, 12 – December) | JF3B [] |
| JF3C ...and in which year did you begin work in this job for this employer? | JF3C [] |
| JF3D1 In total, how long have you worked for this employer over the past 5 years? | JF3D1 [] |
| JF3D2 What is the unit of measurement? (1 – days, 3 – weeks, 5 – months, 7 – years). | JF3D2 [] |
| JF3E In total, how many separate times have you worked for this employer over the past 5 years? (For example, if the respondent had worked for this person for 1 year 5 years ago and is working for this employer again now, the answer would be 2.) | JF3E [] |

Finding Job

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| JF4A Did anyone help you to find this job? (1 – yes, 3 – no. If 3, skip to JF5A .) | JF4A [] |
| JF4B What is this person's name? | JF4B1 nickname _____ JF4B2 first name _____ JF4B3 last name _____ |
| JF4C How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.) | JF4C [] |
| JF4D What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).) | JF4D [] |
| JF4E Where does this person live? (1 - in the village, 3 - not in the village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 - not in the amphoe but in the changwat, 9 - in Bangkok, 11 – in another changwat. If 1 go to JF4G . If 3 continue. Otherwise skip to JF5A .) | JF4E [] |
| JF4F What is this person's village number? | JF4F |

| | |
|----------------------------------------------------|-------------------------|
| | [] |
| JF4G Enumerator: Record census structure #. | JF4G [] |

Payment

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| JF5A What type of cash compensation do you get for doing this job? (Or what kind of cash compensation do you think you will receive?) for doing this job? (Record all that apply. A – hourly wage, B – daily wage, C – weekly wage, D – monthly wage/salary, E – by the unit of production - piece rate, F – by the task or job, G – other (specify).) | JF5A [] |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|

Enumerator: Please ask **JF5B – JF5D** for each method of cash compensation that this person has named in **JF5A**.

JF5B Enumerator: record the method of compensation: 1 – hourly wage, 3 – daily wage, 5 – weekly wage, 7 – monthly wage/salary, 9 – by the unit of production - piece rate, 11 – by the task or job, 13 - other (specify).)

JF5C How much do you get paid by this method? (Enumerator: record the hourly, daily, weekly, monthly or per unit wage as applicable.)

JF5D How often do you receive a payment for what you have earned according to this method? (1 – every day, 3 – once a week, 5 – once a month, 7 – other (specify).)

| JF5B compensation method | JF5C payment | JF5D often |
|------------------------------------|------------------------|----------------------|
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|------------------------------------------------------------------------------------------------------------------------|-------------------------|
| JF6A Do you receive any in-kind compensation for doing this job? (1 – yes, 3 – no. If 3, skip to JF7A .) | JF6A [] |
|------------------------------------------------------------------------------------------------------------------------|-------------------------|

Enumerator: Please ask **JF6B – JF6E** for each good that this person is compensated with.

JF6B What kind of good are you compensated with?

JF6C How much of this good do you receive each time that you receive it?

JF6D What is the unit of measurement? (1 – kilograms, 3 – other (specify).)

JF6E How often do you receive this good? (1 – every day that you do this work for this employer, 3 – once a week, 5 – once a month, 7 – once a year, 9 – other (specify).)

| # | JF6B good | JF6B translation | JF6C amount | JF6D unit | JF6E often |
|---|--------------|---------------------|----------------|--------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |

Bonuses

| | |
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| JF7A Do you expect (or have you received) any bonuses as part of this job? (1 – yes, 3 – no. If 3, skip to JF8A .) | JF7A [] |
| JF7B What determines whether you get a bonus or not? | |
| JF7B Translation | |
| JF7C Over the next 12 months, what do you think will be the total bonus that you will get from this job? Please include the value of any in-kind bonuses you think you will receive. | JF7C [] |

Overtime Compensation

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| JF8A Do you expect (or have you received) any overtime compensation as part of this job? (1 – yes, 3 – no. If 3, skip to JF9A .) | JF8A [] |
| JF8B What determines whether you get overtime compensation or not? | |
| JF8B Translation | |
| JF8C Over the next 12 months, what do you think will be the total overtime compensation that you will get from this job? Please include the value of any in-kind overtime you think you will receive. | JF8C [] |

Tips

| | |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| JF9A Do you expect (or have you received) any tips as part of this job? (1 – yes, 3 – no. If 3, skip to JF10A .) | JF9A [] |
| JF9B What determines whether you get tips or not? | |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| JF9B Translation | |
| JF9C Over the next 12 months, what do you think will be the total amount of tips you will get from this job? Please include the value of any in-kind tips you think you will receive. | JF9C [] |

Health Benefits

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| JF10A If you were injured at work or became sick while working, would your employer pay for or provide health care for you? (<i>1 – yes, 3 – no.</i>) | JF10A [] |
| JF10B If you were injured away from work or became sick away from work, would your employer pay for or provide health care for you? (<i>1 – yes, 3 – no.</i>) | JF10B [] |
| JF10C If someone in your family was sick, would your employer pay for or provide health care for them? (<i>1 – yes, 3 – no.</i>) | JF10C [] |
| JF10D Does your employer pay for or help pay for a health care card for you or your family? (<i>1 – yes, 3 – no. If 3 skip to JF11A.</i>) | JF10D [] |
| JF10E How many baht did your employer contribute to the purchase of this health care card? | JF10E [] |
| JF10F Whose health care expenses does this health care card cover? (<i>Record all that apply. A – employee, B – employee’s family, C – other (specify).</i>) | JF10F [] |

Other benefits

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| JF11A Does your employer provide any of the following for you? (<i>Record all that apply. A – transportation, B – meals/food, C – rent/housing, D – clothing/uniforms, E – training/education, F – none, G – other (specify).</i>) | JF11A [] |
| JF11B Does your employer provide any of the following for members of your family? (<i>Record all that apply. A – transportation, B – meals/food, C – rent/housing, D – clothing/uniforms, E – training/education, F – none, G – other (specify).</i>) | JF11B [] |

Total compensation

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| JF12A Considering your total compensation for doing this job and the place where your work is located, which of the following do you think best describes the amount that you are paid? (<i>1 – the usual amount, 3 – more than the usual amount, 5 – less than the usual amount. If 1 skip to JF13A.</i>) | JF12A [] |
| JF12B Why do you think that your compensation different from the going wage for this type of work in this location? | |

| |
|--------------------------|
| JF12B Translation |
|--------------------------|

Job Requirements

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| JF13A Is a license or permit required to perform this job? (1 -yes, 3 – no. If 3 skip to JF14A .) | JF13A [] |
| JF13B What is this license or permit one needs? | |
| JF13B Translation | |
| JF13C How much did it cost you to obtain this license? | JF13C [] |
| JF13D In which month... (Month Codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 - November, 12 – December) | JF13D [] |
| JF13E ...and which year did you obtain this license? | JF13E [] |

Monitoring

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| JF14A Do you have a supervisor or someone who checks on the quality of the work that you do? (Enumerator: Checking the quality of work could range from a formal process, in a factory for example, to an informal process, in agricultural work, for example, the landowner might be paying attention to how quickly the workers are harvesting the corn. 1 – yes, 3 – no. If 3, skip to JF15A .) | JF14A [] |
| JF14B Who supervises you or checks on the quality of your work (if more than one person, record information for the person who checks most frequently)? (1 – your employer (the person named in JF2B or JF2K , 3 – someone else. If 1 skip to JF15A .) | JF14B [] |
| JF14C What is this person’s name? | JF14C1 nickname _____ JF14C2 first name _____ JF14C3 last name _____ |
| JF14D How is this person related to you? This person is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.) | JF14D [] |
| JF14E What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store | JF14E [] |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <i>owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).</i> | |
| JF14F Where does this person live? (1 - in the village, 3 - not in the village, but in the tambon, 5 – not in the tambon but in the amphoe, 7 - not in the amphoe but in the changwat, 9 - in Bangkok, 11 – in another changwat. If 1 go to JF14H . If 3 continue. Otherwise skip to JF15A .) | JF14F [] |
| JF14G What is this person’s village number? | JF14G [] |
| JF14H Enumerator: Record census structure #. | JF14H [] |

Supervising

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| JF15A As part of the responsibilities of this job, do you supervise or check on the quality of the work of other people? (1 –yes, 3 – no. If 3 skip to JF16 .) | JF15A [] |
| JF15B How many people do you supervise? | JF15B [] |

| | |
|------------------------------|-------------------------|
| JF16 Enumerator Notes | |
| JF16 Translation | |
| JF17 Stop Time | JF17 [] |

12F1 Household Business – Form

| | | | | | | | |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- TF1A ----- | | | | | | TF1B | |
| Village # | | HH # | | Visit # | | Business # | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-------------------------------------|----------------------|
| TF1C Respondent's name | <input type="text"/> |
| TF1D Relationship to HH head | <input type="text"/> |
| TF1E HH member ID # | <input type="text"/> |
| TF1F Date of Interview | <input type="text"/> |
| TF1G Start Time | <input type="text"/> |

Business Identification

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| TF2A What is the name of this business? | |
| TF2A Translation | |
| TF2B What does this business produce or provide? | |
| <input type="text"/> | |
| TF2B Translation | |
| <input type="text"/> | |
| TF2C What is the nickname of the person in the household that is primarily responsible for this business? <i>Note: this person should be the respondent. The questions are worded as though this person is the respondent.</i> | <input type="text"/> |
| TF2D Enumerator: record the HH member id # of this person | TF2D [<input type="text"/>] |
| TF2E Do you have any specific schooling or training that you use in running this business? (1 – yes, 3 – no. If no skip to TF2G .) | TF2E [<input type="text"/>] |
| TF2F What is this schooling/training? | |
| TF2F Translation | |
| TF2G Do you have any specific work experience that you use in running this business? (1 – yes, 3 – no. If no skip to TF2I .) | TF2G [<input type="text"/>] |
| TF2H What is this work experience? | |
| TF2H Translation | |

| | |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TF2I Do you have any special skills that you use in running this business? (1 – yes, 3 – no. If no skip to TF2K .) | TF2I [] |
| TF2J What are these special skills? | |
| TF2J Translation | |
| TF2K How many years of experience do you have in the industry that this business is in? | TF2K [] |
| TF2L How many years of experience do you have in this particular business? | TF2L [] |

Current Location and Branches

| | |
|------------------------------------------------------------------|-------------------------------|
| TF3A How many locations/branches does this business have? | TF3A [] |
|------------------------------------------------------------------|-------------------------------|

Enumerator: Ask **TF3B – TF3J** for each location. Record the information for the main location in the first line of the tables.

TF3B Where is this branch located? (If this business has multiple locations/branches, list main location first. Codes: 1 - this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 - in Bangkok, 11 - in another changwat (specify), 13 – other (specify). If 1 skip to **TF3D**.)

TF3C What is this address of this branch? (Enumerator: fill in only the necessary information: if **TF3B** = 3, answer **TF3C4** and **5**; if **TF3B** = 5, answer **TF3C3-5**; if **TF3B** = 7 or 9, answer **TF3C2 - 5**; if **TF3B** = 11, answer **TF3C1-5**)

- TF3C1** Changwat
- TF3C2** Amphoe
- TF3C3** Tambon
- TF3C4** Village name
- TF3C5** Village number

| Branch # | TF3B where | TF3C1 changwat | TF3C2 amphoe | TF3C3 tambon | TF3C4 village | TF3C5 village # |
|----------|----------------------|--------------------------|------------------------|------------------------|-------------------------|---------------------------|
| Main | | | | | | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

TF3D Does this branch operate out of someone’s home? (1 – yes – respondent’s home, 3 – yes, someone else’s home, 5 – no. If 1 or 5 skip to **TF3G**).

TF3E What is the name of head of this household? (**TF3E1** *nickname*, **TF3E2** *formal first name*, **TF3E3** *formal last name*)

TF3F *Enumerator: record HH id number – if answer to TF3B is 1 or 3, otherwise skip to TF3G.*)

TF3G In which month

TF3H and which year was this branch started?

| Branch # | TF3D home | TF3E1 nickname | TF3E2 firstname | TF3E3 lastname | TF3F HH id # | TF3G month | TF3H year |
|----------|---------------------|--------------------------|---------------------------|--------------------------|------------------------|----------------------|---------------------|
| Main | | | | | | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |

TF3I When this branch was started, what were the three most important economic factors in choosing this location? (*Codes: 1 – close to market, 3 – close to natural resources or materials, 5 – convenient location to find labor, 7 – good access to transportation, 9 – low rents or land prices, 11 – convenient location to contact government official or general business, 13 – convenient location for disposal or production wastes, 15 – good utility infrastructure, 17 – other(specify).*)

TF3I1 Most important

TF3I2 Next most important

TF3I2 Next most important

TF3J When this branch was started, what were your personal reasons for choosing this location? (*Record all that apply: A – owner or major shareholder was born here, B – owner or major shareholder moved here a long time ago, C– relatives or friends suggested this location, D – owner or major shareholder lives somewhere else, but is conducting business with someone here, E – owner or major shareholder is in a location not far from here, F – other (specify).*)

| Branch # | TF3I1 reason #1 | TF3I2 reason #2 | TF3I3 reason #3 | TF3J personal reasons |
|----------|---------------------------|---------------------------|---------------------------|---------------------------------|
| Main | | | | |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

Changes in Location

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| TF4A Was the main location of this business at the time it was founded the same as the current main location? (<i>1 –yes, 3 – no. If 1 skip to TF4D.</i>) | TF4A [] |
| TF4B Where was the business located at the time it was founded? | TF4B |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <p><i>Codes: 1 - this village, 3 - not this village but in this tambon, 5 – not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 - in another changwat (specify), 13 – other (specify). If 1 skip to TF4D.)</i></p> | | <p>[]</p> |
| <p>TF4C What was the address of the business at the time it was founded? <i>(Enumerator: fill in only the necessary information: if TF4B = 3, answer TF4C4 and 5; if TF4B = 5, answer TF4C3-5; if TF4B = 7 or 9, answer TF4C2 - 5; if TF4B = 11, answer TF4C1-5)</i></p> | <p>TF4C1 Changwat _____ TF4C2 Amphoe _____ TF4C3 Tambon _____ TF4C4 Village name _____ TF4C5 Village number _____</p> | |
| <p>TF4D From the time the business was founded until now, has the number of branches/additional locations increased, decreased, or remained the same? <i>(1 - increased, 3 – decreased, 5 - remained the same. If 5, skip to TF5A.)</i></p> | | <p>TF4D []</p> |
| <p>TF4E What were important economic factors in deciding to change the number of branches/additional locations?</p> | | |
| <p>TF4E Translation</p> | | |

Ownership

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <p>TF5A What is the organizational structure of the business? <i>(1 – Limited Liability Company, 3 – Limited Liability Partnership, 5 – Ordinary Partnership, 7 – Sole Owner, no register, 9 – other(specify).)</i></p> | <p>TF5A []</p> |
| <p>TF5B Does anyone outside this household own part of this business, for example another business or individual partners? <i>(1 – yes, 3 – no. If 3, skip to TF7A.)</i></p> | <p>TF5B []</p> |
| <p>TF5C Do you have partners/co-owners (outside this household) that are individuals? <i>(1 – yes, 3 – no. If 3, skip to TF6A.)</i></p> | <p>TF5C []</p> |
| <p>TF5D How many individual partners/co-owners do you have?</p> | <p>TF5D []</p> |

For each individual partner/co-owner ask **TF5E – TF5Z**.

TF5E What is this partner/co-owner’s name? (**TF5E1** nickname, **TF5E2** formal first name, **TF5E3** formal last name)

TF5F Where does he or she live? *(1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to TF5H.)*

TF5G What is this person’s address? (*Enumerator: fill in only the necessary information: if TF5F = 3, answer TF5G4 and 5; if TF5F = 5, answer TF5G3-5; if TF5F = 7 or 9, answer TF5G2 - 5; if TF5F = 11, answer TF5G1-5.*)

- TF5G1** Changwat
- TF5G2** Amphoe
- TF5G3** Tambon
- TF5G4** Village name
- TF5G5** Village number

TF5H *Enumerator: record HH id number.*

TF5I What is your relationship to this person? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).

TF5J What percentage of the business does this partner currently own?

TF5K What percentage of the profits of this business does this partner receive?

TF5L Does this partner currently play an active role in the business? (1 - yes, 3 - no).

| Part ner | TF5E1 nickname | TF5E2 firstname | TF5E3 lastname | TF5F where | TF5G1 changwat | TF5G2 amphoe | TF5G3 tambon |
|-------------|-------------------|--------------------|-------------------|---------------|-------------------|-----------------|-----------------|
| | | | | | | | |
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| | | | | | | | |

| Part ner | TF5G4 village | TF5G5 village # | TF5H HH id # | TF5I rel’n | TF5J % own | TF5K % profit | TF5L active |
|-------------|------------------|--------------------|-----------------|---------------|---------------|------------------|----------------|
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

TF5M What was this partner’s age at his or her last birthday?

TF5N What is the highest grade that the partner has completed? (*See codes below.*)

TF5O What system of grades was in place when the partner went to school? (1 – either old system, 3 –new, 5-temple.)

TF5P What is the partner’s primary occupation? (*See codes below.*)

TF5Q Does the partner have any specific schooling or training that he or she uses in running this business? (1 –yes, 3 – no. If 3 skip to TF5S.)

TF5R What is this schooling/training?

| Part ner | TF5M age | TF5N grade | TF5O system | TF5P primary occupation | TF5Q special schooling | TF5R schooling |
|-------------|-------------|---------------|----------------|-------------------------------|------------------------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

TF5M: Schooling Codes 1 - no school, 3 - P. 1, 5 - P. 2, 7 - P. 3, 9 - P. 4, 11 - P. 5, 3 - P. 6, 15 - M or MS 1, 17 - M or MS 2, 19 - M or MS 3, 21 - M or MS 4, 23 - M or MS 5, 25 - M or MS 6, 27 - M or MS 7, 29 - M or MS 8, 31 - PWC 1, 33 - PWC 2, 35 - PWC 3, 37 - PWS 1, 39 - PWS 2, 41 - PWT 1, 43 - PWT 2, 45 - Univ. 1, 47 - Univ. 2, 49 - Univ. 3, 51 - Univ. 4, 53 - other

TF5P: Occupation Codes 1 - inactive, 5 - rice farmer, 7 - corn farmer, 9 - shrimp farmer, 11 - raise fish other than shrimp, 13 - orchard farmer, 15 - farmer growing a different crop, 17 - raise livestock: chicken or duck, 19 - raise livestock: pig, cow or water buffalo, 21 - construction work in village, 23 - construction work out of village but in changwat, 27 - construction work in another changwat, not Bangkok, 29 - construction work in Bangkok, 31 - rice miller 33 - shop keeper, 35 - factory worker, 37 - mechanic, 39 - clerical worker, 41 - administrative or managerial job, 43 - nurse, 45 - teacher, 47 - policeman, 49 - government official, 51 - accountant, 53 - electrician, 55 - cleaner or janitor, 57 - trader, 59 - other (specify.)

TF5S Does the partner have any specific work experience that he or she uses in running this business?(1 -yes, 3 - no. If 3 skip to **TF5U**.)

TF5T What is this work experience?

TF5U Does the partner have any special skills that he or she uses in running this business? (1 -yes, 3 - no. If 3 skip to **TF5W**.)

TF5V What are these special skills?

TF5W How many years of experience does this partner have in the industry that this business is in?

TF5X How many years of experience does this partner have in this particular business?

TF5Y Has this person been a partner in this business since you acquired/founded this business? (1 - yes, 3 - no. If no skip to next partner. If last partner skip to **TF6A**.)

TF5Z What percentage of the business did this person own at the time you acquired/founded this business?

| Part ner | TF5S any experien | TF5T experien ce | TF5U any skills | TF5V skills | TF5W years in industry | TF5X years in business | TF5Y always a | TF5Z % |
|-------------|-------------------------|------------------------|-----------------------|----------------|------------------------------|------------------------------|---------------------|-----------|
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|-------------------------------------------------------------------------------------------------------------------|--------------------------|
| TF6A Do you have partners that are institutions/businesses? (1 – yes, 3 – no. If 3, skip to TF7A .) | TF6A [] |
|-------------------------------------------------------------------------------------------------------------------|--------------------------|

For each institution/business partner ask **TF6B – TF6N**.

TF6B What is this institution/businesses name?

TF6C What is the name of its owner? (**TF6C1** nickname, **TF6C2** formal first name, **TF6C3** formal last name)

TF6D Where does he or she live? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to **TF6F**.)

TF6E What is this person’s address? (Enumerator: fill in only the necessary information: if **TF6D** = 3, answer **TF6E4** and 5; if **TF6D** = 5, answer **TF6E3-5**; if **TF6D** = 7 or 9, answer **TF6E2 - 5**; if **TF6D** = 11, answer **TF6E1-5**.)

TF6E1 Changwat

TF6E2 Amphoe

TF6E3 Tambon

TF6E4 Village name

TF6E5 Village number

TF6F Enumerator: record HH id number.

TF6G What is your relationship to this person? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).

TF6H What percentage of the business does this partner currently own?

TF6I What percentage of the profits of this business does this partner receive?

TF6J Does this partner currently play an active role in the business? (1 - yes, 3 – no).

TF6K Has this business/institution been a partner in this business since you acquired/founded this business? (1 – yes, 3 – no. If no skip to next partner. If last partner skip to **TF7A**.)

TF6L In what month and

TF6M in what year did this business/institution become a partner in your business?

TF6N What percentage of the business did this business/institution own at the time you acquired/founded your business?

| Part ner | TF6B name | TF6C1 nickname | TF6C2 firstname | TF6C3 lastname | TF6D where | TF6E1 changwat | TF6E2 amphoe |
|-------------|--------------|-------------------|--------------------|-------------------|---------------|-------------------|-----------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Part ner | TF6E3 tambon | TF6E4 village | TF6E5 village # | TF6F HH id # | TF6G rel'n | TF6H % own | TF6I % profit | TF6J role |
|-------------|-----------------|------------------|--------------------|-----------------|---------------|---------------|---------------------|--------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Part ner | TF6K always a partner | TF6L month | TF6M year | TF6N % |
|-------------|--------------------------|---------------|--------------|-----------|
| | | | | |
| | | | | |
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| | | | | |

Franchise

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TF7A Is this business currently a franchise? (1 –yes, 3 – no. If 3 skip to TF8A .) | | TF7A [] |
| TF7B What is the name of the mother company? | | |
| TF7B Translation | | |
| TF7C Where is the mother company located? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 - in Bangkok, 11 – in another changwat, 13 other. If 1 skip to TF7E .) | | TF7C [] |
| TF7D What is business' address? (Enumerator: fill in only the necessary information: if TF7C = 3, answer F7D4 and 5 if TF7C = 5, answer F7D3 – 5 if TF7C = 7 or 9, answer TF7D2 – 5 | | TF7D1 Changwat _____ TF7D2 Amphoe _____ TF7D3 Tambon _____ TF7D4 Village name _____ TF7D5 Village number _____ |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <i>if TF7C = 11, answer TF7D1 – 5</i> | |
| TF7E Has your business been a franchise since the time that you founded or acquired it? (1 – yes, 3 – no. If yes skip to TF7H .) | TF7E [] |
| TF7F In what month ... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.) | TF7F [] |
| TF7G ...and in what year did this business become a franchise? | TF7G [] |
| TF7H Why has it become a franchise? _____ _____ | |
| TF7H Translation _____ _____ | |
| TF7I Could you please describe briefly the terms of your contract with the mother company? _____ _____ | |
| TF7I Translation _____ _____ | |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TF8A Since the time that you founded or acquired this business, has it ever been a franchise? (1- yes, 3 – no. If 3 skip to TF9A .) | TF8A [] |
| TF8B In what month.. | TF8B [] |
| TF8C And in what year was the franchise agreement terminated? | TF8C [] |
| TF8D Who wanted to terminate the franchise agreement? (1 - you, 3 – mother company, 5 - both you and the mother company) | TF8D [] |
| TF8E Why was the franchise agreement terminated? _____ _____ | |
| TF8E Translation _____ _____ | |

Acquiring/Founding Business

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| TF9A In which month...(1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.) | TF9A [] |
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| TF9B ...and which year did this business begin to operate? | TF9B [] |
| TF9C Did you (and possibly partners) start this business or did you acquire it as an existing business? (1 – founded this business on own, 3 – founded this business with partners, 5 – acquired an existing business. If 1 or 3 skip to TF12A .) | TF9C [] |

Businesses Acquired by Household

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| TF9D In which month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December.) | TF9D [] |
| TF9E ...and which year did you acquire this business? | TF9E [] |
| TF9F How did you acquire this business? (1 – gift, 3 – inherited, 5 – bought, 7 – other (specify).) | TF9F [] |
| TF9G From whom did you acquire this business? (TF9G1 nickname, TF9G2 formal first name, TF9G3 formal last name) | TF9G1 nickname TF9G2 first name TF9G3 last name |
| TF9H Where does this person live? (1 – this village, 3 – not this village but in this tambon, 5 – not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other If 1 skip to TF9J .) | TF9H [] |
| TF9I What is this person's address? (Enumerator: fill in only the necessary information: if TF9H = 3, answer TF9I4 and 5; if TF9H = 5, answer TF9I3-5 ; if TF9H = 7 or 9, answer TF9I2 – 5 ; if TF9H = 11, answer TF9I1-5 .) | TF9I1 Changwat TF9I2 Amphoe TF9I3 Tambon TF9I4 Village name TF9I5 Village number |
| TF9J Enumerator: record HH id number. | TF9J [] |
| TF9K What is your relationship to this person? The previous owner is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other, (specify). | TF9K [] |
| TF9L How much did it cost to acquire this business? | TF9L [] |

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| TF9M1 What was the value of the business at the time that you acquired it? | TF9M1 [] |
| TF9M2 Besides the funds that you needed to acquire/found this business did you need any additional funds to start running this business? <i>(1 -yes, 3 – no, if 3 skip to TF9N.)</i> | TF9M2 [] |
| TF9M3 What did you need the additional funding for? _____ _____ | |
| TF9M4 Translation _____ _____ | |
| TF9M5 How much additional funding did you need? <i>(Indicate total amount in Baht.)</i> | TF9M5 [] |

TF9N How did you get the money to acquire and start running this business?
(Enumerator: record all that apply and use one line of the table below for each source. If the respondent borrowed from two relatives, for example, record G on two lines and ask questions TF9O – TF9V for each source.)

- | | |
|----------------------------------------------------------------------|---------------------------------------------|
| A - with cash that had been saved up | F - with funds borrowed from an institution |
| B - with cash that was raised from selling land | G - with funds borrowed from an individual |
| C - with cash that was raised from selling livestock or other assets | H - gift |
| D - with cash from selling product | I – other (specify) |
| E - with cash from inheritance | |

TF9O How much money came from this source? *(If the source is an individual or institution (codes F, G, H or I) ask TF9P – TF9V. Otherwise skip to the next source. If this is the last source and it is not F, G, H or I then skip to TF10A. Enumerator: the total of column TF9O should be equal to TF9L plus TF9M5.)*

TF9P *(Ask for institutions only)* What is this institution? *(Codes: 1 – BAAC, 3 – PCG, 5 – Commercial Bank, 7 – Agricultural Cooperative, 9 – Village Fund, 11 – ROSCA, 13 – other institution (specify). Skip to TF9R.)*

TF9Q What is the money provider’s name? *(TF9Q1 nickname, TF9Q2 formal first name, TF9Q3 formal last name)*

TF9R Where does this person live/is this location located? *(1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to TF9T.)*

TF9S What is the address of this person/institution? (*Enumerator: fill in only the necessary information: if TF9R = 3, answer TF9S4 and 5; if TF9R = 5, answer TF9S3-5; if TF9R = 7 or 9, answer TF9S2 - 5; if TF9R = 11, answer TF9S1-5.*)

- TF9S1** Changwat
- TF9S2** Amphoe
- TF9S3** Tambon
- TF9S4** Village name
- TF9S5** Village number

TF9T *Enumerator: record HH id number if applicable.*

TF9U (*Ask for individuals only*) What is your relationship to this person? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).

TF9V (*Ask for loans only*) Have you completely repaid this loan? (1 – yes, 3 – no. *Enumerator: If no, make sure that this loan is included in the Borrowing Module.*)

| Sou rce # | TF9N source | TF9O amount | TF9P institution | TF9Q1 nickname | TF9Q2 first name | TF9Q3 last name | TF9R where |
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| Sou rce # | TF9S1 Changw at | TF9S2 amphoe | TF9S3 tambon | TF9S4 village | TF9S5 village | TF9T HH id # | TF9U rel'n | TF9V repaid |
|-----------------|-----------------------|-----------------|-----------------|------------------|------------------|-----------------|---------------|----------------|
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Business Founded by Household

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| <p>TF12A Where did the idea to start this business come from? (1 – household member, 3 – government organization (specify), 5 – non-government organization (specify), 7 – company who sells input, 9 – books, 11 – observing someone else, 13 – television program, 15 – commercial advertisement, 17 – other (specify))</p> | <p>TF12A []</p> |
| <p>TF12B What were the total funds that you needed to start running your business?</p> | <p>TF12B []</p> |

TF12C How did you get the money to start running this business? (Enumerator: record all that apply and use one line of the table below for each source. If the respondent borrowed from two relatives, for example, record G on two lines and ask questions **TF12D** – **TF12K** for each source.)

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|----------------------------------------------------------------------|---------------------------------------------|
| A - with cash that had been saved up | F - with funds borrowed from an institution |
| B - with cash that was raised from selling land | G - with funds borrowed from an individual |
| C - with cash that was raised from selling livestock or other assets | H - gift |
| D - with cash from selling product | I – other (specify) |
| E - with cash from inheritance | |

TF12D How much money came from this source? (If the source is an individual or institution (codes F, G, H or I) ask **TF12E** – **TF12K**. Otherwise skip to the next source. If this is the last source and it is not F, G, H or I then skip to **TF13A**. Enumerator: the sum of column **TF12D** should equal **TF12B**.)

TF12E (Ask for institutions only) What is this institution? (Codes: 1 – BAAC, 3 – PCG, 5 – Commercial Bank, 7 – Agricultural Cooperative, 12 – Village Fund, 11 – ROSCA, 13 – other institution (specify). Skip to **TF12G**.)

TF12F What is the money provider’s name? (**TF12F1** nickname, **TF12F2** formal first name, **TF12F3** formal last name)

TF12G Where does this person live/is this location located? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 12 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to **TF12L**.)

TF12H What is the address of this person/institution? (Enumerator: fill in only the necessary information: if **TF12G** = 3, answer **TF12H4** and 5; if **TF12H** = 5, answer **TF12H3-5**; if **TF12G** = 7 or 12, answer **TF12H2 - 5**; if **TF12G** = 11, answer **TF12H1-5**.)

- TF12H1** Changwat
- TF12H2** Amphoe
- TF12H3** Tambon
- TF12H4** Village name
- TF12H5** Village number

TF12I *Enumerator: record HH id number if applicable.*

TF12J *(Ask for individuals only) What is your relationship to this person? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).*

TF12K *(Ask for loans only) Have you completely repaid this loan? (1 – yes, 3 – no. Enumerator: If no, make sure that this loan is included in the Borrowing Module.)*

| Sou rce # | TF12 C source | TF12D amount | TF12E institution | TF12F1 nickname | TF12F2 first name | TF12F3 last name | TF12G where |
|-----------------|---------------------|-----------------|----------------------|--------------------|----------------------|---------------------|----------------|
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| Sou rce # | TF12H 1 Changw at | TF12H 2 amphoe | TF12H 3 tambon | TF12H 4 village | TF12H 5 village | TF12I HH id # | TF12J rel’n | TF12K repaid |
|-----------------|----------------------------|----------------------|----------------------|-----------------------|-----------------------|------------------|----------------|-----------------|
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All Businesses

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| TF13A Do you think that if this business had been founded on a larger scale that it would have been more profitable? (1 - yes, 3 – no. If 3, skip to TF13C.) | TF13A [] |
| TF13B At the time the business was founded or at the time you acquired this business, what prevented you from expanding it? _____ | |

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| TF13B Translation | |
| TF13C At the time that the business was founded or at the time that you acquired this business, was funding a problem (<i>1 -yes, 3 -no. If 3 skip to TF13E.</i>) | TF13C [] |
| TF13D How did lack of funding affect the operations of the business? _____ _____ | |
| TF13D Translation _____ _____ | |
| TF13E At the time you founded or acquired this business, did you have any problems contacting governments units and getting permits? (<i>1- yes, 3- no. If 3 skip to TF13G.</i>) | TF13E [] |
| TF13F What were these problems? _____ _____ | |
| TF13F Translation _____ _____ | |
| TF13G At the time that you founded or acquired this business, what were the additional challenges that you faced? _____ _____ | |
| TF13G Translation _____ _____ | |

Labor

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| TF14A Over the past 12 months, how many people have regularly worked in this business? Please include all people who worked in this business regularly over the past 12 months, regardless of whether they were paid. Please include yourself (if applicable), other household members, partners as well as other workers from outside the household. | TF14A [] |
| TF14B Comparing the past 12 month to the 12 months before that, has the number of people who regularly work in this business 1 - increased, 3 - decreased, or 5 - stayed the same? (<i>If 5, skip to TF15A.</i>) | TF14B [] |
| TF14C Why do you think the number of workers has changed? _____ _____ | |

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| TF14C Translation |
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TF15A Please tell me how many workers in each category have regularly worked for this business over the past 12 months. *(Record numbers in table below. If none, record 0. Include the respondent in the relevant category.)*

For each category of worker, ask following questions.

TF15B Comparing the past 12 months to the 12 months before that, has the number of workers in this category 1 - increased, 3- decreased, 5 - stayed the same?.*(If 5, skip to TF15D.)*

TF15C Why do you think that the number of workers in this category has changed?

TF15D How many people in this category are currently working for this business?

| | TF15A last 12 months | TF15B change | TF15C why | TF15D current workers |
|-------------------------------------------|-----------------------------------|------------------------|---------------------|------------------------------------|
| Unpaid household workers | | | | |
| Paid household workers | | | | |
| Unpaid workers from outside the household | | | | |
| Paid workers for outside the household. | | | | |
| Labor exchange | | | | |
| Other(specify) | | | | |

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| <p>TF16A Since you founded or acquired this business, what problems have you had with your labor force? <i>(Record all that apply: A - hard to find craftspeople, B – workers come and go too often, C – workers desert to go farming, D – workers demand wages which are too high, E – workers do not have enough experience F – poor attendance at work, G – workers fight/quarrel among themselves, H – workers often make defective products, I -- the skilled workers leave to work somewhere else, J -- other(specify).)</i></p> | <p style="text-align: center;">TF16A []</p> |
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| TF16B Of these problems, please tell me which three are the most important, in order of importance. | TF16B1 Most Important [] |
| | TF16B2 Next most important [] |
| | TF16B3 Next most important [] |
| TF16C (<i>Enumerator: ask for the problems identified in TF16B.</i>) Has this been a problem in the last 12 months? (1 - yes, 3 - no.) | TF16C1 Most Important [] |
| | TF16C2 Next most important [] |
| | TF16C3 Next most important [] |

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| TF17 <i>Enumerator: check TF15A to see if the business had household workers over the past 12 months. (1 - yes, 3- no.) If 3 skip to TF19.</i> | TF17 [] |
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Household workers

TF18A Please tell me nicknames of each person from this household who worked regularly in this business over the past 12 months. (*Record names in table below. Be sure to include respondent if applicable.*)

Ask **TF18B – TF18G** for each household worker.

TF18B What is this person’s relationship to the household head? (1 - brother, 3- brother-in-law, 5 – sister, 7 - sister-in-law, 9 – mother, 11 - mother-in-law, 13 – father, 15 - father-in-law, 17 – son, 19 - son-in-law, 21 – daughter, 23 - daughter-in-law, 25 - uncle or aunt on mother's side, 27 - uncle or aunt on father's side, 29 - other relative on mother's side, 31 - other relative on father's side, 33 - non-relative.)

TF18C *Enumerator: record this person’s household member id # (line number from Household Composition Roster.*

TF18D What kind of responsibilities does he/she have in your business?

TF18E Over the past 12 months has this person receive any compensation (either cash or in-kind) for doing this job? (1 - yes, 3 - no. If 3 skip to **TF18G**.)

TF18F Over the past 12 months how was this person paid? (*Record all that apply: A – not paid, B - by the hour, C - by the day, D - by the week, E - by the month, F - per unit of production (piece rate), G - by the task or job, H – other (specify).*)

TF18G Has this person worked for this business in the last month? (1 - yes, 3 - no).

| # | TF18A name | TF18B rel’n | TF18C member # | TF18D job | TF18E paid | TF18F how paid | TF18G last month |
|---|---------------|----------------|----------------------|--------------|---------------|----------------------|------------------------|
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Non-Household Workers

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| <p>TF19 <i>Enumerator: Check TF15A to see how many paid and unpaid workers this household currently has from outside the household. (1 – 5 or fewer, 3 – more than 5). If the number is 5 or fewer, please administer a 12F2 Household Business Employee Form for each worker. If the number is greater than 5, please administer the 12F3 Household Workforce Form. If 0 continue with TF20A.)</i></p> | <p style="text-align: center;">TF19 []</p> |
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Current Business Assets

Machinery, equipment, buildings

TF20A What major machinery, equipment, buildings and other assets are owned by this household and used by this business or owned by the business? (Write the assets in the second column of the table below. By “major” we mean assets that cost at least 1000 Baht. Be sure to include parts of the house that are used for working space, vehicles that are used by the business, etc. Do not include assets that are not owned by the household or business.)

Enumerator: For each asset identified in TF20A, ask TF20B – TF20Q. Also record these assets on the 12R HH Business Asset Roster.

TF20B How many _____ of these items does the business own/use? (If the business has more than one of an asset then use multiple lines in the table and ask TF20C – TF20Q for each of the assets. For example if the business owns two cars, record ‘1’ for TF20B on the first car line. Then ask TF20C – Q for the first car. Then ask TF20C – Q for the second car and record the answers in the next line.)

TF20C How did business acquire this item? (1 – gift, 3 – inherited, 5 – bought, 7 – other (specify).) If 1, 3 or 7 please skip to TF20H.)

TF20D How much did this item cost?

TF20E How did you get the money to acquire this asset? (Record all that apply: A - with cash that had been saved up, B - with cash that was raised from selling land, C - with cash that was raised from selling livestock or other assets, D - with cash from selling product, E - on credit from store, F - with funds borrowed from Commercial Bank, G - with funds borrowed from BAAC, H - with funds borrowed from Agricultural Cooperative, I - with funds borrowed from PCG, J - with funds borrowed from other organization (specify), K - with funds borrowed from relatives, L - with funds borrowed from non-relatives, M - with funds borrowed

from moneylender, N - with cash from inheritance, O - gift, P - from employer, Q - other (specify). If there is only one source of funds skip to **TF20H**.)

TF20F What was the largest source of money?

TF20G How much money came from this source?

| Asset # | TF20A Asset | TF20B number | TF20C how acquired | TF20D cost | TF20E source of funds | TF20F largest source | TF20G amount |
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TF20H What is the approximate current value of this asset?

TF20I When did you acquire this asset? (1 – when the business was founded, 3 – when the business was acquired, 5 – after the business had been founded/acquired by this household.)

TF20J For how many years has the household owned this item?

TF20K1 Did you acquire this item from an institution/business or an individual? (1 – institution/business, 3 – individual. If 3 skip to **TF20L**.)

TF20K2 What is the name of the institution/business? (Skip to **TF20M**.)

TF20L From whom did you acquire this item? (**TF20L1** nickname, **TF20L2** formal first name, **TF20L3** formal last name)

| Asset # | TF20H value | TF20I when | TF20J years | TF20K 1 from | TF20K 2 instituti on | TF20L 1 nickna me | TF20L 2 first name | TF20L 3 last name |
|---------|----------------|---------------|----------------|--------------------|-------------------------------|----------------------------|-----------------------------|----------------------------|
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TF20M Where does this person live or where is this business located? (1 – this village, 3 – not this village but in this tambon, 5 – not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other.)

TF20N Enumerator: record HH id number.

TF20O What is your relationship to this person? This person is my ____ . (Record all that apply. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other, (specify).

TF20P Apart from buying this asset from this person/business, do you have other business contact with this person/business, for example are you both members of some organization? (1 – yes, 3 – no. If 3 skip to next asset. If last asset go to **TF21A**.)

TF20Q Of what does this other contact consist?

| Asset # | TF20M where | TF20N HH id # | TF20O rel'n | TF20P other contact | TF20Q contact |
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Stocks of raw material

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| TF21A Does this business store any raw materials for one month or longer? (1 - yes, 3 - no. If no skip to TF22A .) | TF21A [] |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|

TF21B What raw materials does this business store for one month or longer?
(Enumerator: Record the names of the raw materials in second column of the table. Ask questions **TF21C** – **TF21J** for each raw material.)

TF21C How much of this raw material do you currently have in stock?

TF21D What is the unit of measurement?

TF21E How did business acquire this item? (*Record all that apply. A – gift, B – inherited, C – bought, D – other (specify).*) *If not C please skip to TF21J.*)

TF21F How much did this raw material cost?

TF21G How did you get the money to acquire this raw material? (*Record all that apply: A - with cash that had been saved up, B - with cash that was raised from selling land, C - with cash that was raised from selling livestock or other assets, D - with cash from selling product, E - on credit from store, F - with funds borrowed from Commercial Bank, G - with funds borrowed from BAAC, H - with funds borrowed from Agricultural Cooperative, I - with funds borrowed from PCG, J - with funds borrowed from other organization (specify), K - with funds borrowed from relatives, L - with funds borrowed from non-relatives, M - with funds borrowed from moneylender, N - with cash from inheritance, O - gift, P - from employer, Q - other (specify). If there is only one source of funds skip to TF21J.*)

TF21H What was the largest source of money?

TF21I How much money came from this source?

TF21J What is the approximate current total value of this raw material?

| # | TF21B raw material | TF21C amount | TF21D unit | TF21E how acquired | TF21F cost | TF21G source of funds |
|---|-----------------------|-----------------|---------------|--------------------------|---------------|-----------------------------|
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| # | TF21H largest source | TF21I amount | TF21J value |
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Goods for resale

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| TF22A Does this business buy any finished products in order to sell | TF22A |
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| them, either retail or wholesale? (1 - yes, 3 - no. If no skip to TF23A .) | [] |
| TF22B Does this business currently have any finished products that have been purchased in order to sell them on hand? (1 - yes, 3 - no. If no skip to TF23A .) | TF22B [] |

TF22C What finished products which the business has purchased in order to resell them does the business currently have in stock? (Enumerator: record the names of the finished products in the second column of the table. Ask **TF22D** – **TF22J** for each finished product.)

TF22D How much of this finished product do you currently have in stock?

TF22E What is the unit of measurement?

TF22F How much did this finished product cost in total?

TF22G How did you get the money to acquire this finished product? (Record all that apply: A - with cash that had been saved up, B - with cash that was raised from selling land, C - with cash that was raised from selling livestock or other assets, D - with cash from selling product, E - on credit from store, F - with funds borrowed from Commercial Bank, G - with funds borrowed from BAAC, H - with funds borrowed from Agricultural Cooperative, I - with funds borrowed from PCG, J - with funds borrowed from other organization (specify), K - with funds borrowed from relatives, L - with funds borrowed from non-relatives, M - with funds borrowed from moneylender, N - with cash from inheritance, O - gift, P - from employer, Q - other (specify). If there is only one source of funds skip to **TF22J**.)

| # | TF22C product | TF22D amount | TF22E unit | TF22F cost | TF22G source of funds |
|---|-------------------------|------------------------|----------------------|----------------------|---------------------------------|
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TF22H What was the largest source of money?

TF22I How much money came from this source?

TF22J What is the approximate current total value of this finished product?

(Enumerator: find out the resale value.)

| # | TF22H largest source | TF22I amount | TF22J value |
|---|--------------------------------|------------------------|-----------------------|
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| TF23A Does this business manufacture (or transform) any products to sell, either retail or wholesale? (1 - yes, 3 - no. If 3 skip to TF24A .) | TF23A [] |
| TF23B Does this business currently have any finished products on hand that have been manufactured/transformed by this business? (1 - yes, 3 - no. If no skip to TF24A .) | TF23B [] |

TF23C What finished products which the business has manufactured/transformed does the business currently have in stock? (Enumerator: record the names of the finished products in the second column of the table. Ask **TF23D** – **TF23F** for each finished product.)

TF23D How much of this finished product do you currently have in stock?

TF23E What is the unit of measurement?

TF23F What is the approximate current total value of this finished product?
(Enumerator: find out the resale value.)

| # | TF23C product | TF23D amount | TF23E unit | TF23F value |
|---|---------------|--------------|------------|-------------|
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| TF24A Does this business have any licenses or permits? (1 - yes, 3 - no. If 3 skip to TF25A .) | TF24A [] |
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Please ask **TF24B** – **TF24F** for each license or permit that this business holds.

TF24B What is the name of this permit or license?

TF24C How much did it cost you in total to obtain this license or permit?

TF24D In which month(1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December.)

TF24E ...and which year did you obtain this license or permit?

TF24F Which government unit issued this license or permit?

| # | TF24B permit | TF24C cost | TF24D month | TF24E year | TF24F gov't unit |
|---|-----------------|---------------|----------------|---------------|---------------------|
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Sources of funds/support

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| TF25A Please tell me about all of the loans that were used to run and develop this business over the past 12 months? (<i>Record number. If 0 skip to TF26A. Be sure to include the purchase of goods on credit.</i>) | TF25A [] |
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For each loan, ask questions **TF25B – TF25K**.

TF25B Did you borrow or receive help from a person or from an institution? (*1 -person, 3 – institution. If 3 skip to TF25D.*)

TF25C What is this person’s name? (**TF25C1** *nickname*, **TF25C2** *formal first name*, **TF25C3** *formal last name*.)

TF25D What institution did you borrow from? (*Codes: 1 – BAAC, 3 – PCG, 5 – Commercial Bank, 7 – Agricultural Cooperative, 9 – Village Fund, 11 – ROSCA, 13 – other institution (specify)*)

TF25E In which month...(*1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December*)

TF25F1 ...and in which year did you receive the money or goods?

| Loan # | TF25B who | TF25C1 nick name | TF25C2 first name | TF25C3 last name | TF25D institutio n | TF25E month | TF25F1 year |
|--------|--------------|------------------------|-------------------------|------------------------|--------------------------|----------------|----------------|
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TF25F2 Has this loan been fully repaid? (*1 – yes, 3 – no.*) *Enumerator: make sure that each of the loans that have not been fully repaid are asked about in the Borrowing Module.*

TF25G Which of the following describes this loan: A – borrow money, B – borrow goods, C – pawn/mortgage land and receive money, D – sell crop in advance, E – buy goods on credit, F – other(specify). (*Record all that apply. If B or E continue, otherwise skip to TF25I.*)

TF25H What is the total value of the goods that you borrowed?

TF25I How much money did you borrow in total?

TF25J *Enumerator: If loan is both cash and in-kind, record total value of the loan (i.e. the sum of TF25H and TF25I) here.*

TF25K Why was this money or goods borrowed? (*Record all that apply: A - walking tractor, B - fertilizer, pesticide, herbicide, seed, C - livestock, D - other farm equipment, E - business investment (specify), F - buy land, G - build/buy house, H - to relend to others, I - for ceremony, J - consumption, K - to buy motorcycle, L - to buy pick up truck or car, M - to buy television, VCR, air conditioner, stove or other household asset, N - educational expenses, O - other - specify.*)

| Loan # | TF25F2 repaid | TF25G description | TF25H in-kind value | TF25I money value | TF25J total value | TF25K purpose |
|--------|---------------|-------------------|---------------------|-------------------|-------------------|---------------|
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| TF26A Comparing the past 12 months to the 12 months before that, has the amount of credit that is used by this business 1- increased, 3 - decreased, or 5 - stayed the same? (<i>If 5 skip to TF27A.</i>) | TF26A [] |
| TF26B Why do you think that this business’s use of credit has changed? | |
| TF26B Translation | |

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| TF27A Besides credit, has this business used any other sources of funds over the past 12 months? (<i>1 – yes, 3 – no. If 3 skip to TF28A.</i>) | TF27A [] |
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TF27B Besides credit, what other source of funds has this business used over the past 12 months? *Enumerator record the sources in the table below and ask TF27C – TF27E for each source.*

TF27C Over the past 12 months, how much funding came from this source?

TF27D Comparing the past 12 months to the 12 months before that, has use of funding from this source 1 - increased, 3 - decreased or 5 - stayed the same? (If 5 go to next source, if last source go to **TF28A**.)

TF27E Why do you think that the use of funding from this source has changed?

| Source # | TF27B source | TF27C amount | TF27D change | TF27E why |
|----------|-----------------|-----------------|-----------------|--------------|
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| TF28A Since you founded or acquired this business, have you ever received support from the Board of Investment? (1 –yes, 3 –no, if 3 skip to TF29A .) | TF28A [] |
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TF28B In which years has this business received support from the Board of Investment?
*Enumerator: record the years in the table below. Ask **TF28C** for each year that the business received support from the BOI.*

TF28C What did the support that you received in this year from the Board of Investment consist of?

| TF28B Year | TF28C support | TF28C translation |
|---------------|------------------|----------------------|
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*Enumerator: Ask **TF29A** – **TF29E** for each agency listed in the table below.*

TF29A Since you founded or acquired this business, have you ever received any assistance from this agency? (1 - yes, 3 - no. If 3 go to next agency. If last agency go to **TF30A**.)

TF29B For how many years have you received assistance from this agency?

TF29C In the past 12 months, have you received any assistance from this agency? (1 – yes, 3 – no. If 3 skip to next agency. If last agency go to **TF30A**.)

TF29D What did the assistance that you received in the past 12 months from this agency consist of?

TF29E Do you think that this assistance was helpful? (1 - yes, 3 - no.)

| | TF29A ever help | TF29B years | TF29C 12 | TF29D what | TF29E help |
|--|--------------------|----------------|-------------|---------------|---------------|
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| | | | months | | |
| Department of Industrial Service or Industrial Promotion Center (Ministry of Industry) | | | | | |
| Center to Raise Industrial Production (Ministry of Industry) | | | | | |
| Workers Skill development Institute (Labor Department) | | | | | |
| Export service Center | | | | | |
| Other(specify) | | | | | |

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| TF30A Is this business currently a member of any of the following organizations? (Record all that apply: A – not a member of any organizations, B - Industry Council, C – Industry Board, D - Producers Association, E - other (specify). If A, skip to TF31A .) | TF30A [] |
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For each of these memberships, ask questions **TF30B - C**.

TF30B Please give full name of this organization.

TF30C Please give a short explanation of the usefulness of your membership.

| TF30B organization | TF30C usefulness | TF30C Translation |
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Production

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| TF31A On average, is the production level at your business consistent throughout the year, or does it vary? (1 constant, 3 – varies. If 1 skip to TF32A .) | TF31A [] |
| TF31B What are the three months of highest productivity in order? (Record three. 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.) | TF31B1 Highest [] TF31B2 Next highest [] TF31B3 Next highest [] |
| TF31C What are the three months of lowest productivity in order? (Record three. 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.) | TF31C1 Lowest [] TF31C2 Next lowest [] TF31C3 Next lowest [] |

TF31D What are the reasons your production levels are not consistent throughout the year?

TF31D Translation

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| TF32A During the last 12 months, how many days did your business operate? | TF32A [] |
| TF32B During the last 12 months, was your business operating at full capacity? (1 –yes, 3 –no. If 3 skip TF33A .) | TF32B [] |
| TF32C If you were to operate at full capacity how many days would this business have operated during the last 12 months? | TF32C [] |
| TF32D What are the reasons that you didn't operate at full capacity? | |
| <hr/> <hr/> | |
| TF32D Translation | |
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TF33A *Enumerator: record the products and services that this business produces in the second column of the table below. Ask questions **TF33B** – **TF33J** for each product/service.*

TF33B Over the past 12 months, what is the total quantity of output of this product/service this business has produced?

TF33C What is the unit of measurement?

TF33D Comparing the past 12 months to the 12 months before that, do you think that your production of this product/service has 1 - increased, 3 - decreased or 5 - stayed the same? (If 5 skip to **TF33E**.)

TF33E By approximately what percentage has your production of this product/service changed? Production over the past 12 months is ___ % of production over the 12 months before that.

TF33F What is the reason for this change in production?

| Product # | TF33A product | TF33B amount | TF33C unit | TF33D change | TF33E % | TF33F why |
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TF33G Over the past 12 months, what was the per unit value of the output of this product/service?

TF33H Comparing the past 12 months to the 12 months before that, do you think that the per unit value of the output of this product/service has 1 - increased, 3 - decreased or 5 - stayed the same? (If 5 skip to **TF34A**.)

TF33I By approximately what percentage has the per unit value of this product/service changed? The per unit value of the production of this product/service over the past 12 months is ___ % of the per unit value over the 12 months before that.

TF33J What is the reason for this change in the per unit value of this product/service?

| Product # | TF33G value | TF33H change | TF33I % | TF33J why |
|-----------|-------------|--------------|---------|-----------|
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TF34A In the past 12 months, have you updated or improved any of the following? (Enumerator: ask for each item listed in the table below. 1 –yes, 3 – no. If 3 skip to next item, if last item go to **TF35A**.)

TF34B What was the reason that you updated/improved your production and/or products this way?

| | TF34A updated | TF34B why |
|-------------------------------------------|---------------|-----------|
| Type of goods | | |
| Design, characteristics or trait of goods | | |
| Method or technique of production | | |
| Quality of goods | | |
| Packing/packaging | | |
| Other (specify) | | |

TF35A Besides any updates/improvements made in the past 12 months, have you ever updated or improved any of the following since you founded or acquired this business? (Enumerator: ask for each item listed in the table below. 1 –yes, 3 – no. If 3 skip to next item, if last item go to **TF36A**.)

TF35B What was the reason that you updated/improved your production and/or products this way?

| | TF35A updated | TF35B why |
|-------------------------------------------|-------------------------|---------------------|
| Type of goods | | |
| Design, characteristics or trait of goods | | |
| Method or technique of production | | |
| Quality of goods | | |
| Packing/packageging | | |
| Other (specify) | | |

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| TF36A Since you founded or acquired this business, have there been improvements or updates that you would have liked to make to the production process that you were unable to implement? (1 - yes, 3 - no. If 3 skip to TF37A .) | TF36A [] |
| TF36B Why have you been unable to implement these improvements? _____ | |
| TF36B Translation _____ | |

Production Subcontracting out

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| TF37A Over the past 12 months, has this business regularly subcontracted out any stages of production to other businesses or individuals? (1 -yes, 3 - no. If 3 skip to TF38A .) | TF37A [] |
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Ask **TF37B – TF37O** for each business and individual to whom this firm subcontracts some stage of production.

TF37B What is this institution/businesses name? *In the case of individuals skip to **TF37C**.*

TF37C What is the name of its owner/individual? (**TF37C1** nickname, **TF37C2** formal first name, **TF37C3** formal last name)

TF37D Where does he or she live or where is this business located? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to **TF37E**.)

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|--------|--------------|---------------|---------------|---------------|--------------|
| contra | TF37B | TF37C1 | TF37C2 | TF37C3 | TF37D |
|--------|--------------|---------------|---------------|---------------|--------------|

| ct # | name | nickname | first name | last name | where |
|------|------|----------|------------|-----------|-------|
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TF37E What is this person/business' address? (*Enumerator: fill in only the necessary information: if TF37D = 3, answer TF37E4 and 5; if TF37D = 5, answer TF37E3-5; if TF37D = 7 or 9, answer TF37E2 - 5; if TF37D = 11, answer TF37E1-5.*)

TF37E1 Changwat

TF37E2 Amphoe

TF37E3 Tambon

TF37E4 Village name

TF37E5 Village number

TF37F *Enumerator: record HH id number.*

TF37G What is your relationship to this person/owner of the business? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).

| contr act # | TF37E1 changwat | TF37E2 amphoe | TF37E3 tambon | TF37E4 village | TF37E5 village # | TF37F HH id # | TF37G rel'n |
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TF37H In what month ... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.)

TF37I ...and what year did you begin this subcontracting arrangement?

TF37J Is this subcontracting (out) arrangement currently active? (1 – yes, 3 – no.)

TF37K What product/service has this person/business been subcontracted to provide?

TF37L How often do you purchase products/services from this subcontractor? (1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify))

TF37M When you purchase products/services from this subcontractor, what is the typical cost?

| contract # | TF37H month | TF37I year | TF37J active | TF37K product | TF37L often | TF37M cost |
|------------|-------------|------------|--------------|---------------|-------------|------------|
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TF37N How do you pay for these products/services? (1 - cash on delivery of product/service, 3 - other(specify))

TF37O Could you please describe briefly the terms of your subcontracting (out) arrangement with this business or individual?

| contract # | TF37N payment | TF37O terms |
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| TF38A Comparing the past 12 months to the 12 months before that, would you say that the number of subcontracting (out) arrangements that this business has with other businesses or individuals has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to TF39.</i> | TF38A [] |
| TF38B Why do you think that the number of subcontracting (out) arrangements that this business has with other businesses or individuals has changed? _____ | |
| TF38B Translation _____ | |

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| TF39 In the past 12 months has your business used the services of any of the following? (<i>Record all that apply. A – none of the following, B - accountant, C - attorney, D - insurance agent, E - janitorial service, F - guard service, F - other (specify).</i>) | TF39 [] |
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Contracts/obligations with suppliers

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| TF40A Besides any subcontracting (out) arrangements discussed above, | TF40A |
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| in the past 12 months has this business had any contracts or obligations to acquire products/services from any businesses or individuals? (1 – yes, 3 – no. If 3 skip to TF41A .) | [] |
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Ask **TF40B – TF40O** for each business and individual that this firm has an contract/ obligation to purchase products/services from.

TF40B What is this institution/businesses name? *In the case of individuals skip to **TF40C**.*

TF40C What is the name of its owner/individual? (**TF40C1** nickname, **TF40C2** formal first name, **TF40C3** formal last name)

TF40D Where does he or she live or where is this business located? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to **TF40F**.)

| contra ct # | TF40B name | TF40C1 nickname | TF40C2 first name | TF40C3 last name | TF40D where |
|-------------|-------------------|------------------------|--------------------------|-------------------------|--------------------|
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TF40E What is this person/business’ address? (Enumerator: fill in only the necessary information: if **TF40D** = 3, answer **TF40E4** and 5; if **TF40D** = 5, answer **TF40E3-5**; if **TF40D** = 7 or 9, answer **TF40E2 - 5**; if **TF40D** = 11, answer **TF40E1-5**.)

TF40E1 Changwat

TF40E2 Amphoe

TF40E3 Tambon

TF40E4 Village name

TF40E5 Village number

TF40F Enumerator: record HH id number.

TF40G What is your relationship to this person/owner of the business? The person is my _____. Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).

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| contr | TF40E1 | TF40E2 | TF40E3 | TF40E4 | TF40E5 | TF40F | TF40G |
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| act # | changwat | amphoe | tambon | village | village # | HH id # | rel'n |
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TF40H In what month ... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December.)

TF40I ...and what year did you begin this contract/obligation?

TF40J Is this contract/obligation currently active? (1 – yes, 3 – no.)

TF40K What product/service does this person/business provide?

TF40L How often do you purchase products/services from this person/business? (1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify))

TF40M When you purchase products/services from this person/business, what is the typical cost?

| contract # | TF40H month | TF40I year | TF40J active | TF40K product | TF40L often | TF40M cost |
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TF40N How do you pay for these products/services? (1 - cash on delivery of product/service, 3 - other(specify))

TF40O Could you please describe briefly the terms of your contract/obligation to purchase products/services from this business or individual?

| contract # | TF40N payment | TF40O terms |
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| TF41A Comparing the past 12 months to the 12 months before that, would you say that the number of contracts/obligations to purchase goods/services that this business has with other businesses or individuals has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to</i> | TF41A [] |
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| TF42A |
| TF41B Why do you think that the number of contracts/obligations to purchase goods/services this business has with other businesses or individuals has changed? |
| TF41B Translation |

Regular Suppliers

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| TF42A Besides any subcontracting (out) arrangements or contracts or obligations discussed above, in the past 12 months has this business regularly acquired products/services from any businesses or individuals? (<i>1 – yes, 3 – no. If 3 skip to TF43A.</i>) | TF42A [] |
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Ask **TF42B – TF42N** for each business and individual that this firm regularly acquires products/services from.

TF42B What is this institution/businesses name? *In the case of individuals skip to TF42C.*

TF42C What is the name of its owner/individual? (**TF42C1** *nickname*, **TF42C2** *formal first name*, **TF42C3** *formal last name*)

TF42D Where does he or she live or where is this business located? (*1 – this village, 3 – not this village but in this tambon, 5 – not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to TF42F.*)

| # | TF42B name | TF42C1 nickname | TF42C2 first name | TF42C3 last name | TF42D where |
|---|----------------------|---------------------------|-----------------------------|----------------------------|-----------------------|
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TF42E What is this person/business' address? (*Enumerator: fill in only the necessary information: if TF42D = 3, answer TF42E4 and 5; if TF42D = 5, answer TF42E3-5; if TF42D = 7 or 9, answer TF42E2 - 5; if TF42D = 11, answer TF42E1-5.*)

- TF42E1** Changwat
- TF42E2** Amphoe
- TF42E3** Tambon
- TF42E4** Village name

TF42E5 Village number

TF42F Enumerator: record HH id number.

TF42G What is your relationship to this person/owner of the business? The person is my _____. Codes: *A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).*

| # | TF42E1 changwat | TF42E2 amphoe | TF42E3 tambon | TF42E4 village | TF42E5 village # | TF42F HH id # | TF42G rel'n |
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TF42H In what month ... (*1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.*)

TF42I ...and what year did you begin purchasing products/services regularly from this person/business?

TF42J Do you currently purchase products/services from this person/business on a regular basis? (*1 – yes, 3 – no.*)

TF42K What product/service does this person/business provide?

TF42L How often do you purchase products/services from this person/business? (*1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify)*)

TF42M When you purchase products/services from this person/business, what is the typical cost?

TF42N How do you pay for these products/services? (*1 - cash on delivery of product/service, 3 - other(specify)*)

| # | TF42H month | TF42I year | TF42J active | TF42K product | TF42L often | TF42M cost | TF42N payment |
|---|----------------|---------------|-----------------|------------------|----------------|---------------|------------------|
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| TF43A Comparing the past 12 months to the 12 months before that, would you say that the number of businesses/individuals that this firm regularly acquires products/services from has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to TF44A.</i> | TF43A [] |
| TF43B Why do you think that the number of businesses/individuals that this firm regularly acquires products/services from has changed? <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> | |
| TF43B Translation <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> | |

Customers – Subcontracting in

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| TF44A Over the past 12 months has this business acted as a subcontractor for any other business or individuals? <i>(1 –yes, 3 – no. If 3 skip to TF45A.)</i> | TF44A [] |
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Ask **TF44B – TF44O** for each business and individual that subcontracts this firm to provide some product/service.

TF44B What is this institution/businesses name? *In the case of individuals skip to TF44C.*

TF44C What is the name of its owner/individual? *(TF44C1 nickname, TF44C2 formal first name, TF44C3 formal last name)*

TF44D Where does he or she live or where is this business located? *(1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to TF44F.)*

| contra ct # | TF44B name | TF44C1 nickname | TF44C2 first name | TF44C3 last name | TF44D where |
|----------------|---------------|--------------------|----------------------|---------------------|----------------|
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TF44E What is this person/business' address? *(Enumerator: fill in only the necessary information: if TF44D = 3, answer TF44E4 and 5; if TF44D = 5, answer TF44E3-5; if TF44D = 7 or 9, answer TF44E2 - 5; if TF44D = 11, answer TF44E1-5.)*

- TF44E1** Changwat
- TF44E2** Amphoe
- TF44E3** Tambon
- TF44E4** Village name
- TF44E5** Village number

TF44F *Enumerator: record HH id number.*

TF44G What is your relationship to this person/owner of the business? The person is my _____. Codes: *A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).*

| contr act # | TF44E1 changwat | TF44E2 amphoe | TF44E3 tambon | TF44E4 village | TF44E5 village # | TF44F HH id # | TF44G rel’n |
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TF44H In what month ... (*1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.*)

TF44I ...and what year did you begin this subcontracting arrangement?

TF44J Is this subcontracting (in) arrangement currently active? (*1 – yes, 3 – no.*)

TF44K What product/service have you been subcontracted to provide?

TF44L How often do you provide products/services to this business/individual? (*1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify)*)

TF44M When you provide products/services to this business/individual, what is the typical payment?

| contract # | TF44H month | TF44I year | TF44J active | TF44K product | TF44L often | TF44M payment |
|------------|-----------------------|----------------------|------------------------|-------------------------|-----------------------|-------------------------|
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TF44N How are you paid for these products/services? (*1 - cash on delivery of product/service, 3 - other(specify)*)

TF440 Could you please describe briefly the terms of your subcontracting (in) arrangement with this business or individual?

| contract # | TF44N payment | TF440 terms |
|------------|---------------|-------------|
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| TF45A Comparing the past 12 months to the 12 months before that, would you say that the number of subcontracting (in) arrangements that this business has with other businesses or individuals has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to TF46A.</i> | TF45A [] |
| TF45B Why do you think that the number of subcontracting (in) arrangements that this business has with other businesses or individuals has changed? _____ _____ | |
| TF45B Translation _____ _____ | |

Customers – contracts/obligations

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| TF46A Besides any subcontracting (in) arrangements discussed above, in the past 12 months has this business had any contracts or obligations to provide products/services to any businesses or individuals? (1 – yes, 3 – no. <i>If 3 skip to TF47A.</i>) | TF46A [] |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|

Ask **TF46B – TF46O** for each business and individual that this firm has a contract/obligation to provide products/services to.

TF46B What is this institution/businesses name? *In the case of individuals skip to TF46C.*

TF46C What is the name of its owner/individual? (**TF46C1** *nickname*, **TF46C2** *formal first name*, **TF46C3** *formal last name*)

TF46D Where does he or she live or where is this business located? (1 – *this village*, 3 – *not this village but in this tambon*, 5 – *not this tambon but this amphoe*, 7 – *not this amphoe but this changwat*, 9 – *in Bangkok*, 11 – *another changwat*, 13 *other*. *If 1 skip to TF46F.*)

| contra ct # | TF46B name | TF46C1 nickname | TF46C2 first name | TF46C3 last name | TF46D where |
|-------------|------------|-----------------|-------------------|------------------|-------------|
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TF46E What is this person/business' address? (*Enumerator: fill in only the necessary information: if TF46D = 3, answer TF46E4 and 5; if TF46D = 5, answer TF46E3-5; if TF46D = 7 or 9, answer TF46E2 - 5; if TF46D = 11, answer TF46E1-5.*)

TF46E1 Changwat

TF46E2 Amphoe

TF46E3 Tambon

TF46E4 Village name

TF46E5 Village number

TF46F *Enumerator: record HH id number.*

TF46G What is your relationship to this person/owner of the business? The person is my _____. *Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).*

| contr act # | TF46E1 changwat | TF46E2 amphoe | TF46E3 tambon | TF46E4 village | TF46E5 village # | TF46F HH id # | TF46G rel'n |
|-------------|-----------------|---------------|---------------|----------------|------------------|---------------|-------------|
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TF46H In what month ... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.)

TF46I ...and what year did you begin this contract/obligation?

TF46J Is this contract/obligation currently active? (1 – yes, 3 – no.)

TF46K What product/service do you provide to this person/business?

TF46L How often does this person/business purchase products/services from your business? (1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify))

TF46M When you provide products/services to this person/business, what is the typical payment?

| contract # | TF46H month | TF46I year | TF46J active | TF46K product | TF46L often | TF46M payment |
|------------|-------------|------------|--------------|---------------|-------------|---------------|
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TF46N How are you paid for these products/services? (1 - cash on delivery of product/service, 3 - other(specify))

TF46O Could you please describe briefly the terms of your contract/obligation to provide products/services to this business or individual?

| contract # | TF46N payment | TF46O terms |
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| TF47A Comparing the past 12 months to the 12 months before that, would you say that the number of contracts/obligations to provide goods/services that this business has with other businesses or individuals has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to TF48A.</i> | TF47A [] |
| TF47B Why do you think that the number of contracts/obligations to provide goods/services this business has with other businesses or individuals has changed? _____ _____ | |
| TF47B Translation _____ _____ | |

Customers – regular

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| TF48A Besides any subcontracting (in) arrangements or contracts or obligations discussed above, in the past 12 months has this business regularly provided products/services to any businesses or individuals? (1 – yes, 3 – no. <i>If 3 skip to TF49A.</i>) | TF48A [] |
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Ask **TF48B – TF48N** for each business and individual that this firm regularly provides products/services to. If there are more than 5 regular customers, please record the information for the 5 largest customers over the past 12 months as measured by sales revenue.

TF48B What is this institution/businesses name? *In the case of individuals skip to **TF48C**.*

TF48C What is the name of its owner/individual? (**TF48C1** *nickname*, **TF48C2** *formal first name*, **TF48C3** *formal last name*)

TF48D Where does he or she live or where is this business located? (1 – *this village*, 3 – *not this village but in this tambon*, 5 – *not this tambon but this amphoe*, 7 – *not this amphoe but this changwat*, 9 – *in Bangkok*, 11 – *another changwat*, 13 *other*. If 1 skip to **TF48F**.)

| # | TF48B name | TF48C1 nickname | TF48C2 first name | TF48C3 last name | TF48D where |
|---|----------------------|---------------------------|-----------------------------|----------------------------|-----------------------|
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TF48E What is this person/business' address? (*Enumerator: fill in only the necessary information: if **TF48D** = 3, answer **TF48E4** and 5; if **TF48D** = 5, answer **TF48E3-5**; if **TF48D** = 7 or 9, answer **TF48E2 - 5**; if **TF48D** = 11, answer **TF48E1-5**.)*

TF48E1 Changwat

TF48E2 Amphoe

TF48E3 Tambon

TF48E4 Village name

TF48E5 Village number

TF48F *Enumerator: record HH id number.*

TF48G What is your relationship to this person/owner of the business? The person is my _____. Codes: A – *brother*, B – *brother-in-law*, C – *sister*, D – *sister-in-law*, E – *mother*, F – *mother-in-law*, G – *father*, H – *father-in-law*, I – *son*, J – *son-in-law*, K – *daughter*, L – *daughter-in-law*, M – *uncle or aunt on mother's side*, N – *uncle or aunt on father's side*, O – *other relative on mother's side*, P – *other relative on father's side*, R – *neighbor*, S – *moneylender*, T – *store owner*, U – *supplier of inputs*, V – *landlord*, W – *purchaser of output*, X – *no relationship*, Y – *someone I (or members of my household) owe money to*, Z – *other, (specify)*.

| # | TF48E1 changwat | TF48E2 amphoe | TF48E3 tambon | TF48E4 village | TF48E5 village # | TF48F HH id # | TF48G rel'n |
|---|---------------------------|-------------------------|-------------------------|--------------------------|----------------------------|-------------------------|-----------------------|
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TF48H In what month ... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12– December.)

TF48I ...and what year did you begin providing products/services regularly to this person/business?

TF48J Do you currently provide products/services to this person/business on a regular basis? (1 – yes, 3 – no.)

TF48K What product/service do you provide to this person/business?

TF48L How often do you provide products/services to this person/business? (1 - daily, 3 - weekly, 5 - monthly, 7 - other(specify))

TF48M When you provide products/services to this person/business, what is the typical payment?

TF48N How are you paid for these products/services? (1 - cash on delivery of product/service, 3 - other(specify))

| # | TF48H month | TF48I year | TF48J active | TF48K product | TF48L often | TF48M pay | TF48N payment |
|---|----------------|---------------|-----------------|------------------|----------------|--------------|------------------|
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| <p>TF49A Comparing the past 12 months to the 12 months before that, would you say that the number of businesses/individuals that this firm regularly provides products/services to has 1 – increased, 3 – decreased or 5 – stayed the same? <i>If 5 skip to TF50A.</i></p> | <p>TF49A []</p> |
| <p>TF49B Why do you think that the number of businesses/individuals that this firm regularly provides products/services to has changed?</p> <hr/> <hr/> | |
| <p>TF49B Translation</p> <hr/> <hr/> | |

Sales – by type

TF50A Over the last 12 months, has this business sold any of its products or services by _____? (1- yes, 3- no. Enumerator: ask for each of the methods listed in the table below. If 3 go to next category. If last category go to TF51.)

TF50B Over the last 12 months, what percentage of the businesses products/services were sold through this method?

TF50C Comparing the past 12 months to the 12 months before that would you say that the percentage of your sales that were through this method has 1- increased, 3- decreased, or 5 - remained the same? (If 5 skip to next category, if last category go to TF51.)

TF50D What do you think the reasons are for the change in the percentage of sales that occurred through this method?

| | TF50A sold | TF50B percent | TF50C change | TF50D why |
|-------------------------------------------------------------------------------------|----------------------|-------------------------|------------------------|---------------------|
| A- sold directly to consumers (retail) without a contract | | | | |
| B – sold directly to consumers (retail) with a contract | | | | |
| C – sold to wholesalers, without a contract | | | | |
| D – sold to wholesalers, with a contract or as part of a subcontracting arrangement | | | | |

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| TF51 Enumerator Notes | |
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| TF51 Translation | |
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| _____ | |
| TF52 Stop Time | TF52 [] |

12F2 Household Business Employee Form

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|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- TF60A ----- | | | TF60B | TF60C |
| Village # | HH # | Visit # | Business # | Employee # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|--------------------------------------|--|
| TF60D Respondent's name | |
| TF60E Relationship to HH head | |
| TF60F HH member ID # | |
| TF60I Business name | |
| TF60G Date of Interview | |
| TF60H Start Time | |

Employee Characteristics

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| TF61A Who is this worker? | TF61A1 nickname [<input type="text"/>] |
| | TF61A2 Formal first name [<input type="text"/>] |
| | TF61A3 Formal last name [<input type="text"/>] |
| TF61B Where does he or she live? (<i>1 – this village, 3 - not this village but in this tambon, 5 – not tambon but amphoe, 7 – not amphoe but changwat, 9 - in Bangkok, 11 - in another changwat, 13 other. If 1 skip to TF61D.</i>) | TF61B [<input type="text"/>] |
| TF61C What is this person's address? (<i>Enumerator: fill in only the necessary information: if TF61B = 3, answer TF61C4 and 5 if TF61B = 5, answer TF61C3 – 5 if TF61B = 7 or 9, answer TF61C2 – 5 if TF61B = 11, answer TF61C1 – 5</i>) | TF61C1 Changwat _____ TF61C2 Amphoe _____ TF61C3 Tambon _____ TF61C4 Village name _____ TF61C5 Village number _____ |
| TF61D <i>Enumerator: record HH id number.</i> | TF61D [<input type="text"/>] |
| TF61E What is your relationship to this person? This employee is my _____. <i>Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – landlord, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other, (specify).</i> | TF61E [<input type="text"/>] |
| TF61F What is the highest grade that this person has completed? | TF61F |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <p>1 – no school, 3 - P. 1, 5 - P. 2, 7 - P. 3, 9 - P. 4, 11 - P. 5, 3 - P. 6, 15 - M or MS 1, 17 – M or MS 2, 19 – M or MS 3, 21 - M or MS 4, 23 – M or MS 5, 25 – M or MS 6, 27 - M or MS 7, 29 - M or MS 8, 31 – PWC 1, 33 – PWC 2, 35 – PWC 3, 37 – PWS 1, 39 – PWS 2, 41 – PWT 1, 43 – PWT 2, 45 – Univ. 1, 47 – Univ. 2, 49 - Univ. 3, 51 - Univ. 4, 53 – other.)</p> | <p>[]</p> |
| <p>TF61G What system of grades was in place when this person went to school? (1 – either old system, 3 –new, 5-temple.)</p> | <p>TF61G []</p> |
| <p>TF61H Does he/she have any specific schooling or training that he/she uses in this job?(1 –yes, 3 – no. If 3 skip to TF61I.)</p> | <p>TF61H []</p> |
| <p>TF61H What specific schooling or training?</p> | |
| <p>TF61H Translation</p> | |
| <p>TF61I Does he/she have any specific work experience that he/she uses in this job?(1 –yes, 3 – no. If 3 skip to TF61K.)</p> | <p>TF61I []</p> |
| <p>TF61J What is that work experience?</p> | |
| <p>TF61J Translation</p> | |
| <p>TF61K Does he/she have any special skills that he/she uses in this job?(1 –yes, 3 – no. If 3 skip to TF61M.)</p> | <p>TF61K []</p> |
| <p>TF61L What are these special skills?</p> | |
| <p>TF61L Translation</p> | |
| <p>TF61M How many years of experience does this person have in the industry that this business is in?</p> | <p>TF61M []</p> |
| <p>TF61N How many years of experience does this partner have in this particular business?</p> | <p>TF61N []</p> |

Job description

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| <p>TF62A What kind of responsibilities does he/she have in your business?</p> <p>_____</p> <p>_____</p> |
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| TF62A Translation | |
| <hr/> | |
| TF62B Which of the following best describes his/her occupation in this job? 1 – professional, technical 3 – Leader, management 5 - Administrator or clerk 7 – Sales 9 – Service 11 - Agriculture, forestry, hunting, fishery 13 - Manufacturing work 15 - Transportation operator 17 – Unskilled non-agricultural labor 19 – Other (specify) | TF62B [] |
| TF63A In which month... | TF63A [] |
| TF63B ...and in which year did he/she begin work for your business? | TF63B [] |
| TF63C How did you recruit this person? <hr/> | |
| TF63C Translation | |
| <hr/> | |

Payment Agreement

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| TF64A Over the past 12 months has this person receive any compensation (either cash or in-kind) for doing this job? (<i>1 - yes, 3 - no. If 3 skip to TF18G.</i>) | TF64A [] |
| TF64B Over the past 12 months how was this person paid? (<i>Record all that apply: A – not paid, B - by the hour, C - by the day, D - by the week, E - by the month, F - per unit of production (piece rate), G - by the task or job, H – other (specify).</i>) | TF64B [] |
| TF64C Has this person worked for this business in the last month? (<i>1 - yes, 3 - no.</i>) | TF64C [] |
| TF64D How often does he/she receive payment for doing this job ? (<i>1 – every day, 3 – once a week, 5 – once a month, 7 other(specify).</i>) | TF64D [] |
| TF64E Has he/she received any bonuses as part of this job in the last 12 months? (<i>1- yes, 3 – no.</i>) | TF64E [] |

| | |
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| TF64F What determines whether he/she gets a bonus or not? _____ | |
| TF64F Translation _____ | |
| TF64G Has he/she received any overtime compensation as part of this job in the last 12 months? (<i>1 – yes, 3 – no.</i>) | TF64G [] |
| TF64H What determines whether he/she gets overtime compensation or not? _____ | |
| TF64H Translation _____ | |
| TF64I Has he/she received any tips as part of this job in the last 12 months? (<i>1 – yes, 3 – no.</i>) | TF64I [] |
| TF64I What determines whether he/she gets tips or not? _____ | |
| TF64I Translation _____ | |
| TF64J Approximately what was this person’s total compensation for doing this job over the last 12 months? | TF64J [] |
| TF64K Considering his/her total compensation for doing this job over the last 12 months, would you say that he/she is being paid the usual wage (<i>code 1</i>), more than the usual wage (<i>code 3</i>), or less than the usual wage (<i>code 5</i>) for this type of work? (<i>If 1 skip to TF65A.</i>) | TF64K [] |
| TF64L Why is his/her compensation different from the usual wage for this type of work? _____ | |
| TF64L Translation _____ | |

Benefits

Ask **TF65A – TF65C** for each benefit listed in the table below.

TF65A In the last 12 months have you provided or paid for ___ for this employee or their family? (*Record all that apply. Codes: A – did not provide, B – provided to employee, C – provided to employee’s family, D – other (specify).*)

TF65B Do you pay for or provide ___ for this employee or their family? (*Record all that apply. Codes: A – do not provide, B – provide to employee, C – provide to employee’s family, D – other. If A skip to next benefit. If last benefit, go to instructions at end of form.*)

TF65C Please describe the agreement that you have with this employee about providing/paying for ___.

| Benefit | TF65A 12 months | TF65B provide | TF65C agreement |
|-----------------------|------------------------------|-------------------------|---------------------------|
| health care | | | |
| transportation | | | |
| meals or food | | | |
| rent or housing | | | |
| clothing or uniforms | | | |
| training or education | | | |
| other (specify) | | | |
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*Enumerator: when you have finished filling out this form for this employee, fill out another one of these forms for the next worker. If this is the last employee, return to the 12F1 HH Business Form, question **TF20A**.*

12F3 HH Business Workforce Form

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ----- TF80A ----- | | | | | | TF80B | |
| Village # | | HH # | | Visit # | | Business # | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|--------------------------------------|--|
| TF80C Respondent's name | |
| TF80D Relationship to HH head | |
| TF80E HH member ID # | |
| TF80F Business name | |
| TF80G Date of Interview | |
| TF80H Start Time | |

Enumerator: the questions in this form refer to the non household employees of this business.

TF81A Please tell me how many workers you have employed over the past 12 months according to the categories listed in the table below. *(If none, record 0.)*

| | TF81A # of employees |
|---------------------------------------------------|--------------------------------|
| Place of residence | |
| live in the village | |
| don't live in the village but live in the tambon | |
| don't live in the tambon but live in the amphoe | |
| don't live in the amphoe but live in the changwat | |
| live in Bangkok | |
| live in another changwat | |
| Education | |
| no schooling | |
| schooling less than P. 4 | |
| schooling equal to P. 4 | |
| schooling above P. 4 | |
| Occupation | |
| Professional, technical | |
| Leader, management | |
| Administrator or clerk | |
| Sales | |
| Service | |
| Agriculture, forestry, hunting, fishery | |
| Manufacturing work | |
| Transportation | |

| | |
|-------------------------------------------------------|--|
| Operator | |
| Unskilled non-agricultural labor | |
| Other (specify.) | |
| Length of Employment | |
| less than 1 year | |
| between 1 year and 3 years | |
| between 3 years and 6 years | |
| more than 6 years | |
| Payment over past 12 months | |
| not paid | |
| paid by the hour | |
| paid by the day | |
| paid by the week | |
| paid per unit of production (piece rate) | |
| paid by the task or job | |
| Frequency of payment over past 12 months | |
| every day | |
| once a week | |
| once a month | |
| other (specify) | |
| Extra compensation over past 12 months | |
| paid bonus over past 12 months | |
| paid overtime over past 12 months | |
| paid tips over past 12 months | |
| Paid/provided benefits over the past 12 months | |
| health care | |
| transportation | |
| meals or food | |
| rent or housing | |
| clothing or uniforms | |
| training or education | |
| other (specify) | |
| Have agreement to pay for/provide benefits | |
| health care | |
| transportation | |
| meals or food | |
| rent or housing | |
| clothing or uniforms | |
| training or education | |
| other (specify) | |

| | |
|-----------------------------------------------------|--|
| Relationship | |
| related through blood or marriage to me or partners | |
| unrelated | |

*Enumerator: when you have finished this form, please return to the 12F1 HH Business form, question **TF20A**.*

14F. Savings Account Form January 12, 1998

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------|----------------------|
| -----SF1A----- | | | | | | SF1B | |
| Village # | | HH # | | Visit # | | Savings account # | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| SB1C Start Time | SB1C [] |
| SB1D Respondent's nickname | SB1D [] |
| SB1E HH member ID # | SB1E [] |

Account Identification

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| SF2A With which institution have you or a members of your household opened a savings account? (1 - BAAC, 3 - PCG, 5 - Rice Bank, 7 - Agricultural Cooperative, 9 - Government Savings Bank, 11 - Commercial Bank (specify), 13- Finance Co. (specify) 15 - other (specify). Also record response on Savings Account Roster.) | SF2A [] |
| SF2B Does this account have a particular name or is it of a certain type? (1 -yes, 3 - no. If 3 skip to SF2D.) | SF2B [] |
| SF2C What is this name or type? (Also record response on Savings Account Roster) | SF2C [] |
| SF2D Where is this institution located? (1 - this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 - in Bangkok, 11 - in another changwat, 13 other.) | SF2D [] |
| SF2F In which month...(1 - January, 2 - February, 3 - March, 4 - April, 5 - May, 6 - June, 7 - July, 8 - August, 9 - September, 10 - October, 11 - November, 12- December.) | SF2F [] |
| SF2G ...and in which year did you open this account? (Also enter date of opening of account on Savings Account Roster.) | SF2G [] |

Terms of the savings plan

| | |
|--------------------------------------------------------------------------------|-------------------------------|
| SF3A Is this a pledge savings plan?(1 -yes, 3 - no. If 3 skip to SF4A.) | SF3A [] |
| SF3B How many times per year are you expected to make a deposit? | SF3B [] |
| SF3C How much are you expected to deposit each time? | SF3C [] |

Balance Requirements

| | |
|--------------------------------------------------------------------------------------------------------------|-----------------------|
| SF4A Does this account have a required minimum balance? (1 -yes, 3 - no. If 3 skip to SF5A .) | SF4A [] |
| SF4B What is this minimum balance? | SF4B [] |
| SF5A Does this account have a maximum balance? (1 -yes, 3 - no. If 3 skip to SF6A .) | SF5A [] |
| SF5B What is this maximum balance? | SF5B [] |

Withdrawals

| | |
|---------------------------------------------------------------------------------------------------------------|-----------------------|
| SF6A Does this plan have any restrictions on withdrawals? (1 -yes, 3 - no. If 3 skip to SF7A .) | SF6A [] |
| SF6B What are these restrictions? _____ _____ _____ | |
| SF6B Translation _____ _____ _____ | |

Interest Rate

| | |
|------------------------------------------------------------------------------------------------------------------|-----------------------|
| SF7A What is the current interest rate on this savings account? | SF7A [] |
| SF7B Over what period does this interest rate apply? (1 - year, 3 - month, 5 - week, 7 - other (specify)) | SF7B [] |

Characteristics of the savings plan

| | |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| SF8A In order to be eligible for this savings account, did you need to be a member of this association?(1 -yes, 3 - no.) | SF8A [] |
| SF11B Why did you open an account with this particular institution? _____ _____ | |
| SF11B Translation _____ _____ | |

| |
|----------------------------------------------------|
| SF12A Enumerator Notes <hr/> <hr/> <hr/> |
| SF12A Translation <hr/> <hr/> <hr/> |

*Once you have finished filling out this Form, make sure that you have transferred the information from the questions **SF2A**, **SF2C**, and **SF2F/G** to the Savings Account Roster. If there are more savings accounts to record, fill out additional Savings Account Forms as necessary. If this is the last savings account, make sure the Savings Account Roster is up to date and continue with the savings modules.*

15F. Borrowing Loan Form

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| -----BF1A----- | | | | BF1B | | | |
| Village # | | HH # | | Visit # | | Loan # | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| BF1C Start Time | BF1C [] |
| BF1D Respondent's nickname | BF1D [] |
| BF1E HH member ID # | BF1E [] |

Loan Identification

| | |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| BF2 Did you borrow or receive help from a person or an institution? (1 - person, 3 - institution. If 3, skip to BF4A .) | BF2 [] |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------|

Individual lender

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BF3B What is this person's name? | BF3B1 nickname _____ BF3B2 formal first name _____ BF3B3 formal last name _____ (Please enter nickname of lender on Borrowing Loan Roster also.) |
| BF3C Where does he or she live? (1 - this village, 3 - not this village but in this tambon, 5 - not tambon but amphoe, 7 - not amphoe but changwat, 9 - in Bangkok, 11 - in another changwat, 13 other. If 1 skip to BF3E otherwise continue.) | BF3C [] |
| BF3D What is this person's address? (Enumerator: fill in only the necessary information: if BF3C = 3, answer BF3D4 and 5 if BF3C = 5, answer BF3D3 - 5 if BF3C = 7 or 9, answer BF3D2 - 5 if BF3C = 11, answer BF3D1 - 5 | BF3D1 Changwat _____ BF3D2 Amphoe _____ BF3D3 Tambon _____ BF3D4 Village name _____ BF3D5 Village number _____ |
| BF3E Enumerator: record HH id number. | BF3E [] |
| BF3F1 What is your relationship to the lender? The lender is my _____. (A - brother, B - brother-in-law, C - sister, D - sister-in-law, E - mother, F - mother-in-law, G - father, H - father-in-law, I - son, J - son-in-law, K - daughter, L - daughter-in-law, M - uncle or aunt on mother's side, N - uncle or aunt on father's side, O - other relative on mother's side, P - other relative on father's side, Q - no family relationship.) | BF3F1 [] |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| BF3F2 What other relationship do you have with this person? This person is my _____. Codes: <i>R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z – other (specify).</i> Skip to BF5A . | BF3F2 [] Skip to BF5A |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|

Institutional lender

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF4A What institution did you borrow from? (Codes: <i>1 – BAAC, 3 – PCG, 5 – Commercial Bank, 7 – Agricultural Cooperative, 9 – Village Fund, 11 – other institution (specify).</i> Also enter the type of institution on the 15R Borrowing Loan Roster.) | BF4A [] |
| BF4B Where is this institution located? (<i>1 – this village, 3 – not this village but in this tambon, 5 – not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 – in Bangkok, 11 – in another changwat, 13 other.</i>) | BF4B [] |

All loans

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF5A Did you make a written application for this loan/help? (<i>1 – yes, 3 – no.</i>) | BF5A [] |
| BF5B Is there a written document that describes this loan/help agreement/understanding? (<i>1 – yes, 3 – no. If 3 skip to BF5D.</i>) | BF5B [] |
| BF5C Could we please see it? Being able to look at it may make it easier to answer some of the questions that follow. (<i>1 – yes, 3 – no because respondent does not have a copy of the document in the house, 5 – no because respondent does not want enumerator to see the document.</i>) | BF5C [] |
| BF5D In which month... (<i>1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December.</i>) | BF5D [] |
| BF5E ...and in which year did you receive the money or goods? (Also enter date of receipt of loan on 15R Borrowing Loan Roster.) | BF5E [] |
| BF5F Which of the following describes this loan or help? (Record all that apply: <i>A – borrow money, B – borrow goods, C – pawn/mortgage land and receive money, D – sell crop in advance, E – buy goods on credit, F – other(specify).</i> Also enter description of loan on 15R Borrowing Loan Roster. If A, C or D (and not E or B) go to BF5L . If E continue. If B (and not E) go to BF5H .) | BF5F [] |
| BF5G How much would this item have cost if you had paid cash up front? | BF5G [] |
| BF5H What did you borrow or purchase on credit? (<i>1- rice, 3 other(specify).</i>) | BF5H [] |
| BF5I How many units did you borrow or purchase on credit? | BF5I |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| | [] |
| BF5J What is the unit of measurement? (1 – kilograms, 3 –other (specify).) | BF5J [] |
| BF5K What is the total value of the goods that you borrowed? (If loan is in-kind only , also enter this amount on the 15R Borrowing Loan Roster and skip to BF6A .) | BF5K [] |
| BF5L How much money did you borrow in total? (If loan is cash only , also enter this amount on the 15R Borrowing Loan Roster and skip to BF6A .) | BF5L [] |
| BF5M <i>Enumerator:</i> If loan is both cash and in-kind, record total value of the loan (i.e. the sum of BF5K and BF5L) here and on the 15R Borrowing Loan Roster. | BF5M [] |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF6A Why was this money or goods borrowed? (See codes below. Also enter purpose of loan on the 15R Borrowing Loan roster.) | BF6A [] |
| BF6B Was an interest rate specified for this loan/help? (1 – yes a fixed percentage, 3 – yes, the lender will use the land until repaid, 5 – no. If 3 or 5 skip to BF7A .) | BF6B [] |
| BF6C What is this interest rate? | BF6C [] |
| BF6D Over what period does this interest rate apply? (1- year, 3 – month, 5 – week, 7 – other (specify)) | BF6D [] |

BF6A: Codes for why borrowed

- | | |
|-----------------------------------------------------------|-----------------------------------------------------------------------------|
| A - walking tractor | I - for ceremony |
| B - fertilizer, pesticide, herbicide, seed or other input | J - consumption |
| C - livestock | K - to buy motorcycle |
| D - other farm equipment | L - to buy pick up truck or car |
| E - business investment - specify (BF6AO1) | M - to buy television, VCR, air conditioner, stove or other household asset |
| F - buy land | N - educational expenses |
| G - build/buy house | O - other - specify (BF6AO2) |
| H - to relend to others | |

Repayment

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF7A When this loan/help is fully repaid how much will you have repaid in total? (I.e. sum of all payments (principal and interest), if payments are in-kind then sum of the value of all payments.) | BF7A [] |
| BF7B Can you tell me the month and year when this loan will be fully repaid? (1 –yes, 3 – no. If 3 skip to BF7D .) | BF7B [] |
| BF7C When must the loan/help be fully repaid? BF7C1 Month... | |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------|---------------------|
| (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) BF7C2 Year | Skip to BF8A | BF7C1 Month [] BF7C2 Year [] | Skip to BF8A |
| BF7D Do you think that you will repay the loan by a specific month and year (code 1) or whenever you are able to (code 3)? | | BF7D [] | |
| BF7E When do you think you will fully repay this loan/help? BF7E1 Month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) BF7E2 Year | | BF7E1 Month [] BF7E2 Year [] | |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| BF8A Do you have a fixed schedule of payments that you must make to the lender? (1 -yes, 3 – no. If no skip to BF10A) | BF8A [] |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|

Schedule of loan payments

Please describe the schedule of loan/help payments that you have agreed to.

BF9B, C For each payment indicate the month and year that the payment is expected.
(Month codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December)

BF9D For each payment indicate the amount of cash to be paid or the value of an in-kind payment.

BF9E For each payment indicate how the payment will be made. (Record all that apply. Codes: A – in cash, B – in kind.)

| BF9B Month | BF9C Year | BF9D pmnt. | BF9E Money/in-kind |
|----------------------|---------------------|----------------------|------------------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Cosigners

| | |
|-----------------------------------------------------------------------------------------------------------|-------------------------|
| BF10A Did you have any cosigners for this loan/help? (1 -yes, 3 – no. If 3 skip to BF12A .) | BF10A [] |
|-----------------------------------------------------------------------------------------------------------|-------------------------|

| | |
|-------------------------------------------------------------------------------------------------|--------------------------|
| BF10B How many cosigners did you have? | BF10B [] |
| BF10C Is this a group loan from the BAAC? (1 – yes, 3 – no. If 3 skip to BF11A .) | BF10C [] |
| BF10D What is the number of this BAAC group? (Skip to BF12A .) | BF10D [] |

Enumerator: For each of the cosigners ask the following questions.

BF11A What is this cosigner's nickname name?

BF11B What is this cosigner's formal first name?

BF11C What is this cosigner's formal last name?

BF11D Where does he or she live? (1 - this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 - in Bangkok, 11 - in another changwat, 13 other. If 1 go to **BF11F**. If 3 continue. Otherwise go to **BF11G**.)

BF11E village number

BF11F *Enumerator: record HH id number.*

BF11G How is this person related to you? This cosigner is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.)

BF11H What other relationships do you have with this person? (R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – the owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify).)

| # | BF11A nicknam e | BF11B first name | BF11C last name | BF11D Where | BF11E village | BF11F HH id# | BF11G relation | BF11H other rel'n |
|---|------------------------------|-------------------------------|------------------------------|-----------------------|-------------------------|------------------------|--------------------------|--------------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Collateral

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| BF12A Did you put up any collateral for this loan/help? (1 -yes, 3 - no. If 3 skip to BF13A .) Note: Collateral includes pawning and mortgaging land. | BF12A [] |
| BF12B What did you put up as collateral or mortgage? (Codes: 1 – land – borrower uses land, 3 – land – lender uses land, 5 – used savings to | BF12B [] |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <i>guarantee loan, 7 – used future crop to guarantee loan, 9 – other (specify) If 1 or 3 continue otherwise skip to BF12F.</i> | |
| BF12C How many rai are you using as collateral for this loan? | BF12C [] |
| BF12D <i>Enumerator: check the 4R Land – Plot Roster and record the plot number(s) of the land that is being used as collateral.</i> | BF12D [] |
| BF12E <i>Enumerator: go to the 4F1 Plot Form for this plot and record the loan number of this loan in RF13B.</i> | BF12E [] |
| BF12F What is the approximate value of this collateral? | BF12F [] |
| BF12G During the time that this asset is being used as collateral, who will use it? (1 – borrower, 3 – lender, 5 – other(specify).) | BF12G [] |

Borrowing process

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF13A How many times have you borrowed or received help from this lender before? (If none, record 0 and skip to BF14). | BF13A [] |
| BF13B Have you ever made a late payment to this lender? (1 - yes, 3 - no.) | BF13B [] |
| BF13C Has a cosigner ever had to make a payment on your behalf to this lender? (1 - yes, 3 –no, had cosigners on previous loans, 5 – no, no cosigners on previous loans.) | BF13C [] |
| BF13D Have you ever lost collateral to this lender? (1 - yes, 3 – no, had collateral on previous loan, 5 – no, no collateral on previous loans..) | BF13D [] |
| BF13E Has this lender ever extended the due date on a previous loan to you? (1 – yes, 3 – no.) | BF13E [] |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| BF14 <i>Enumerator: If loan is from an individual (BF2 = 1) and is less than 5000 baht (BF5K, BF5L and/or BF5M less than 5000) record a 3 here. You have finished the Borrowing Loan Form for this loan. If the loan is greater than 5000 baht and/or is from an institution (BF2 = 3), record a 1 here and continue.</i> | BF14 [] If 3 you have completed the Loan Form |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| BF15A Prior to getting the loan/help, how many times did you need to visit the lender with regards to this loan/help? (Up to and including trip to pick up money or goods. If none, record 0.) | BF15A [] |
| BF15B Prior to getting the loan/help, how many times did the lender visit you, or your farm or place of business with regards to this loan/help? (Up to and including a trip to deliver money or goods. If none, record 0.) | BF15B [] |
| BF15C In total what do you estimate your expenses were to acquire this loan/help? (for example: transportation costs, loan application fee, fee to | BF15C [] |

| | |
|-------------------------------------------------------------------|--|
| hire someone to help prepare application, etc. If none record 0.) | |
|-------------------------------------------------------------------|--|

Contact with lender

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| BF16A Do you think that the lender will visit your place, fields, and/or business while this loan is outstanding? (1 – yes, 3 – no.) | BF16A [] |
| BF16B Do you think that the lender will make decisions with regards to your economic activities while this loan is outstanding? (1 – yes, 3 – no.) | BF16B [] |
| BF16C Do you think you will communicate regularly with the lender about your household’s economic activities while this loan is outstanding? (1 – yes, 3 – no.) | BF16C [] |

Contingencies and default

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| BF17A What do you think would happen if you miss a payment on this loan/help or repay less than you are supposed to? _____ | |
| BF17A Translation _____ | |
| BF17B Do you think that you would be able to borrow or receive help again from this lender if you miss a payment or repay less than you are supposed to on this loan? (1 -yes, 3 - no. If no skip to BF17D .) | BF17B [] |
| BF17C Do you think that it will be harder to borrow or receive help again from this lender if you miss a payment or repay less than you are supposed to on this loan? (1 – yes, 3 - no.) | BF17C [] |
| BF17D Do you think that it would be harder for you to borrow or receive help from other institutional lenders if you miss a payment or repay less than you are supposed to on this loan? (1 –yes, 3 - no.) | BF17D [] |
| BF17E Do you think that it would be harder for you to borrow or receive help from other individual lenders if you miss a payment or repay less than you are supposed to on this loan? (1 -yes, 3 – no.) | BF17E [] |

Amount borrowed

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| BF18A You borrowed/received ____ baht from this lender. (Enumerator: Remind respondent of response to BF7C , BF8 or BF8A .) Is this the amount that you wanted to borrow/receive or applied to borrow/receive? (1 –yes, 3 - no. If 1 skip to BF19 .) | BF18A [] |
| BF18B What amount did you want to borrow or receive? | BF18B [] |
| BF18C Why weren’t you able to borrow or receive this amount? _____ | |

BF18C Translation

BF19 Enumerator Notes

BF19 Translation

16F. Lending Loan Form

| | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| -----LF1A----- | | | | | | LF1B | |
| Village # | | HH # | | Visit # | | Loan # | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|-----------------------------------|-------------------------------|
| LF1C Start Time | LF1C [] |
| LF1D Respondent's nickname | LF1D [] |
| LF1E HH member ID # | LF1E [] |

Loan Identification

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LF2A What is the name of the person you loaned money or goods to? | LF2A1 nickname _____ LF2A2 formal first name _____ LF2A3 formal last name _____ (Please enter nickname of borrower on Lending Loan Roster also.) |
| LF2B Where does he or she live? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to LF2D . If 3 continue. Otherwise skip to LF2E .) | LF2B [] |
| LF2C Village number | LF2C [] |
| LF2D Enumerator: record HH id number. | LF2D [] |
| LF2E What is your relationship to the borrower? The borrower is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.) | LF2E [] |
| LF2F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). | LF2F [] |

| | |
|-----------------------------------------------------------------------|-------------|
| LF3A Is there a written document that describes this loan/help | LF3A |
|-----------------------------------------------------------------------|-------------|

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| agreement/understanding? (1 –yes, 3 – no. If 3 skip to LF3C) | [] |
| LF3B Could we please see it? Being able to look at it may make it easier to answer some of the questions that follow. (1 –yes, 3 – no because respondent does not have a copy of the document in the house, 5 – no because respondent does not want enumerator to see the document.) | LF3B [] |
| LF3C In which month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | LF3C [] |
| LF3D ...and in which year did you deliver the money or goods? (Also enter date of delivery on loan roster.) | LF3D [] |
| LF3E Which of the following describes this loan/help-out: A – loan money, B – loan goods, C - loan money and receive pawned/mortgaged land, D – bought crop in advance, E – sold goods on credit, F – other(specify). (Record all that apply. Also enter description of loan on Lending Loan Roster. If A, C or D (and not B or E) go to LF3K . If E continue. If B (and not E) go to LF3G .) | LF3E [] |
| LF3F How much would this item have cost if you sold it for cash instead of on credit? | LF3F [] |
| LF3G What did you lend or sell on credit? (1- rice, 3 other(specify).) | LF3G [] |
| LF3H How many units did you lend or sell on credit? | LF3H [] |
| LF3I What is the unit of measurement? (1 – kilograms, 3 –other (specify).) | LF3I [] |
| LF3J What is the total value of the goods that you lent? (If loan is in-kind only , also enter this amount on the 16R Lending Loan Roster and skip to LF4A .) | LF3J [] |
| LF3K How much money did you lend in total? (If loan is cash only , also enter this amount on 16R Lending Loan Roster and skip to LF4A .) | LF3K [] |
| LF3L <i>Enumerator</i> : if loan is both cash and in-kind, record total value of the loan (i.e. the sum of LF3J and LF3K) here and on the 16R Lending Loan Roster. | LF3L [] |
| LF4A Where did you get the money or the goods that you loaned out? (Record all that apply: B – savings, C – proceeds from selling land, D – proceeds from selling livestock or other assets, E – proceeds from selling crops, F – proceeds from selling fish or shrimp, G – proceeds from business, H – money borrowed from others, I - other (specify).) | LF4A [] |
| LF4B Why was this money or goods borrowed? (See codes below. Also enter purpose on the 16R Lending Loan Roster.) | LF4B [] |
| LF4C Was an interest rate specified for this loan/help? (1 –yes a fixed | LF4C |

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| percentage, 3 - yes, the lender will use the land until repaid, 5 – no. If 3 or 5 skip to LF5A.) | [] |
| LF4D What is this interest rate? | LF4D [] |
| LF4E Over what period does this interest rate apply? (1 – year, 3 – month, 5 – week, 7 – other (specify)). | LF4E [] |

LF4B: Codes for why borrowed

- | | |
|------------------------------------------------------|-----------------------------------------------------------------------------|
| A - walking tractor | I - for ceremony |
| B - fertilizer, pesticide, herbicide, seed | J - consumption |
| C - livestock | K - to buy motorcycle |
| D - other farm equipment | L - to buy pick up truck or car |
| E - business investment - specify (LF4B01) | M - to buy television, VCR, air conditioner, stove or other household asset |
| F - buy land | N - educational expenses |
| G - build/buy house | O - other - specify (LF4B02) |
| H - to relend to others | |

Repayment

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| LF5A When this loan/help-out has been fully repaid how much will you have been repaid in total? (I.e. sum of all payments (principal and interest), if payments are in-kind then sum of the value of all payments.) | LF5A [] |
| LF5B Can you tell me the month and year when this loan will be fully repaid? (1 –yes, 3 – no. If 3 skip to LF5D.) | LF5B [] |
| LF5C When must the loan/help be fully repaid? LF5C1 Month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) LF5C2 Year | LF5C1 Month [] LF5C2 Year [] Skip to LF6A |
| LF5D Do you think that the borrower will repay the loan by a specific month and year (code 1) or whenever they are able to (code 3)? | LF5D [] |
| LF5E When do you think this loan/help will be fully repaid? LF5E1 Month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) LF5E2 Year | LF5E1 Month [] LF5E2 Year [] |
| LF6A Does the borrower/receiver have a fixed schedule of payments that he/she must make to you? (1 –yes, 3 – no. If no skip to LF8A.) | LF6A [] |

Schedule of loan payments

Please describe the schedule of loan payments that the borrower/receiver has agreed to.

LF7B, C For each payment indicate the month and year that the payment is expected.

(Month codes: 1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December)

LF7D For each payment indicate the amount of cash to be paid or the value of an in-kind payment.

LF7E For each payment indicate how the payment will be made. *(Record all that apply. Codes: A – in cash, B – in kind.)*

| LF7B Month | LF7C Year | LF7D Payment | LF7E Money/in-kind |
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Cosigners

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| LF8A Did the borrower/receiver have any cosigners for this loan/help-out? <i>(1 –yes, 3 – no. If 3 skip to LF10A.)</i> | LF8A [] |
| LF8B How many cosigners are there for this loan? | LF8B [] |

Enumerator: For each of the cosigners ask the following questions.

LF9A What is this cosigner’s nickname?

LF9B What is this cosigner’s formal first name?

LF9C What is this cosigner’s formal last name?

LF9D Where does he or she live? *(1 - this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 - in Bangkok, 11 - another changwat, 13 other. If 1 go to LF9F. If 3 continue. Otherwise go to LF9G.)*

LF9E village #

LF9F *Enumerator: record HH id number.*

LF9G How is this person related to you? This cosigner is my _____. *(A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)*

LF9H What other relationships do you have with this person? (*R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify).*)

| # | LF9A nicknam e | LF9B first name | LF9C last name | LF9D where | LF9E village | LF9F HH id# | LF9G relation | LF9H other rel'n |
|---|----------------------|-----------------------|----------------------|---------------|-----------------|----------------|------------------|------------------------|
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Collateral

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| LF10A Did the borrower/receiver put up any collateral for this loan/help-out? (<i>1 – yes, 3 – no. If 3 skip to LF11A.</i>) <i>Note: collateral includes pawning and mortgaging land.</i> | LF10A [] |
| LF10B What did he/she put up as collateral or mortgage? (<i>Codes: 1 – land – borrower uses land, 3 – land – lender (this household) uses land, 5 – used savings to guarantee loan, 7 – used future crop to guarantee loan, 9 – other (specify) If 3 continue otherwise skip to LF10F.</i>) | LF10B [] |
| LF10C How many rai are being used as collateral for this loan? | LF10C [] |
| LF10D <i>Enumerator: check the 4R Land – Plot Roster and record the plot number(s) of the land that is being used as collateral.</i> | LF10D [] |
| LF10E <i>Enumerator: go to the 4F1 Plot Form for this plot and record the loan number of this loan in RF13B.</i> | LF10E [] |
| LF10F What is the approximate value of this collateral? | LF10F [] |
| LF10G During the time that this asset is being used as collateral, who will use it? (<i>1 – lender, 3 – borrower/receiver, 5 – other(specify).</i>) | LF10G [] |

Lending process

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| LF11A How many times have you loaned money or goods to this borrower before? (<i>If none, record 0 and skip to LF12.</i>) | LF11A [] |
| LF11B Has this borrower ever made a late payment on a previous loan from you? (<i>1 - yes, 3 - no.</i>) | LF11B [] |
| LF11C Has a cosigner ever had to make a payment to you on this borrower's behalf on a previous loan from you? (<i>1 - yes, 3 –no, had cosigners on previous loans, 5 – no, no cosigners on previous loans.</i>) | LF11C [] |
| LF11D Have you ever had to take the collateral offered by this | LF11D |

| | |
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| borrower/receiver on a previous loan from you? (1 - yes, 3 no, had collateral on previous loans, 5 - no, no collateral on previous loans.) | [] |
| LF11E Have you ever extended the due date for a previous loan to this borrower/receiver? (1 - yes, 3 - no.) | LF11E [] |

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| LF12 Enumerator: If loan is less than 5000 baht (LF3J, LF3K and/or LF3L less than 5000) record a 3 here. You have finished the Lending Loan Form for this loan. If the loan is greater than 5000 baht record a 1 here and continue. | LF12 [] If 3 you have completed the Loan Form |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|

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| LF13A Prior to making this loan/help, how many times did the borrower/receiver visit you with regards to this loan/help-out? (Up to and including trips to pick up money or goods. If none, record 0) | LF13A [] |
| LF13B Prior to making this loan/help, how many times did you visit the borrower/receiver, or his farm or place of business with regards to this loan/help-out? (Up to and including a trip to deliver money or goods. If none, record 0.) | LF13B [] |
| LF13C In total what do you estimate your expenses were to grant this loan/help-out? (For example: transportation screening costs, legal fees, etc. If no expenses, record 0.) | LF13C [] |

Contact with borrower

| | |
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| LF14A Do you think you will visit the borrower's place, fields, and/or business while this loan is outstanding? (1 - yes, 3 - no.) | LF14A [] |
| LF14B Do you think you will make decisions with regards to the borrower's economic activities while this loan is outstanding? (1 - yes, 3 - no.) | LF14B [] |
| LF14C Do you think the borrower/receiver will communicate regularly with you about his/her economic activities while this loan is outstanding? (1 - yes, 3 - no.) | LF14C [] |

Contingencies and default

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| LF15A What do you think will happen if the borrower misses a payment on this loan or repays less than he or she is supposed to? | |
| LF15A Translation <hr/> | |
| LF15B If this borrower misses a payment or repays less than he or she is supposed, do you think that you would loan money or goods to this borrower/receiver again in the future? (1 - yes, 3 - no.) | LF15B [] |

| | |
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| <p>LF15C Do you think that it would be harder for this borrower/receiver to borrow or receive help from other individual lenders if he/she missed a payment or repaid less than he/she was supposed to on this loan? (1 - yes, 3 - no.)</p> | <p>LF15C []</p> |
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Amount Lent

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| <p>LF16A You lent ____ baht to this borrower/receiver. (Remind respondent of response to LF3J, LF3K or LF3L.) Is this the amount that the borrower/receiver wanted to borrow? (1 -yes, 3 - no. If 1 skip to LF17.)</p> | <p>LF16A []</p> |
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| <p>LF16B What amount did he/she want to borrow?</p> | <p>LF16B []</p> |
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| <p>LF16C Why didn't you lend this amount?</p> <p>_____</p> <p>_____</p> |
|--------------------------------------------------------------------------------|

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|-----------------------------------------------------------|
| <p>LF16C Translation</p> <p>_____</p> <p>_____</p> |
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|----------------------------------------------------------------------------|
| <p>LF17 Enumerator Notes</p> <p>_____</p> <p>_____</p> <p>_____</p> |
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|-----------------------------------------------------------------------|
| <p>LF17 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> |
|-----------------------------------------------------------------------|

21F. Insurance Form

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| -----DF1A----- | | DF1B | |
| Village # | HH # | Visit # | Policy/fund # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|----------------------------|------------------------|
| DF1C Start Time | DF1C [] |
| DF1D Respondent's nickname | DF1D [] |
| DF1E HH member ID # | DF1E [] |

Policy/Fund Identification

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| DF2A What is the institution or company that is running this funeral fund or life insurance policy? (1 - BAAC, 3 - PCG, 5 - Rice Bank, 7 - Agricultural Cooperative, 9 - Government Savings Bank, 11 - Commercial Bank (specify), 13- Finance Co. (specify), 15 - Village fund, 17 - other (specify). Also record response on 21R Insurance Roster.) | DF2A [] |
| DF2B Does this policy/fund have a particular name or is it of a certain type? (1 -yes, 3 - no. If 3 skip to DF2D.) | DF2B [] |
| DF2C What is this name or type? | DF2C [] |
| DF2D Where is this institution located? (1 - this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 - not this amphoe but this changwat, 9 - in Bangkok, 11 - in another changwat, 13 other.) | DF2D [] |
| DF2F In which month...(1 - January, 2 - February, 3 - March, 4 - April, 5 - May, 6 - June, 7 - July, 8 - August, 9 - September, 10 - October, 11 - November, 12- December.) | DF2F [] |
| DF2G ...and in which year did you buy this insurance policy/begin participating in this funeral fund? (Also enter date of purchase/participation of policy/fund on 21R Insurance Roster.) | DF2G [] |
| DF2H Which household member has purchased/is participating in this fund? Enumerator: record HH member ID # from HH Roster. Also record ID # on 21R Insurance Roster. If more than one HH member, fill out a separate 21F Insurance Form for each person. | DF2H [] |

Terms of the Insurance Policy Funeral Fund

| | |
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| DF3A Are you expected to make fixed contributions to this policy/fund? (1 -yes, 3 - no.) | DF3A [] |
| DF3B How many times per year are you expected to make a | DF3B |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| contribution? | [] |
| DF3C How much are you expected to contribute each time? | DF3C [] |
| DF3D Are there any circumstances where the amount that you are expected to contribute can change? <i>(1 – yes, 3 – no. If 3 skip to DF4A.)</i> | DF3D [] |
| DF3E What are these circumstances? | |
| DF3E Translation | |

Benefits

| | |
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| DF4A Will your family receive a fixed amount of money from this policy/fund when you die? <i>(1 – yes, 3 – no. If 3 skip to DF4C.)</i> | DF4A [] |
| DF4B How much money will your family receive? <i>(Skip to DF4E.)</i> | DF4B [] |
| DF4C How much money do you think your family will receive? | DF4C [] |
| DF4D What factors will determine how much they will receive? | |
| DF4D Translation | |
| DF4E Will the proceeds from this policy/funeral fund be used to repay any outstanding loans you have with the organization that sponsored the policy/funeral fund before funds are released to your family? <i>(1 – yes, 3 – no.)</i> | DF4E [] |
| DF4F Have you named specific individuals (family members or other people) as the beneficiaries for this policy/fund? <i>(1 – yes, 3 – no. If 3 skip to DF6A.)</i> | DF4F [] |
| DF4G How many people have been named as beneficiaries? | DF4G [] |

Ask questions **DF5A – DF5H** for each beneficiary.

DF5A Is this person a member of this household? *(1 – yes, 3 – no. If 3 skip to DF5C.)*

DF5B *Enumerator: please record the HH ID # for this person from the 1R HH Roster and skip to the next beneficiary. If this is the last beneficiary, please skip to DF6A.)*

DF5C What is this person’s name (**DF5C1** nickname, **DF5C2** first name, **DF5C3** last name)

DF5D Where does this person live? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 - in Bangkok, 11 – in another changwat, 13 other. If 1 skip to **DF5F**. If 3 continue. Otherwise go to **DF5G**.)

DF5E Village number

DF5F Enumerator record HH id #.

DF5G What is your relationship to this person? This person is my _____. (Codes: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationship.)

DF5H What other relationship do you have with this person? (Record all that apply: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify).)

| # | DF5A HH member | DF5B HH member id # | DF5C1 nick name | DF5C2 first name | DF5C3 last name |
|---|-------------------|---------------------------|--------------------|---------------------|--------------------|
| | | | | | |
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| # | DF5D where | DF5E village # | DF5F HH id # | DF5G relationship | DF5H other rel’n |
|---|---------------|-------------------|-----------------|----------------------|---------------------|
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Withdrawals

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| DF6A If you had an emergency need for cash could you withdraw money from this policy/fund? (1 –yes, 3 - no. If 3 skip to DF6C .) | DF6A [] |
| DF6B How much cash could you withdraw? | DF6B [] |
| DF6C Can you sell this policy/fund? (1 – yes, 3 – no. If 3 skip to DF8A .) | DF6C [] |
| DF6D How much do you think you could sell this policy/fund for? | DF6D [] |

| | |
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| DF8A In order to be eligible to buy this policy/participate in this fund did you need to be a member of the organization that offered it? (<i>I -yes, 3 - no.</i>) | DF8A [] |
| DF11B Why did you decide to buy this policy/participate in this fund from this particular organization? _____ _____ | |
| DF11B Translation _____ _____ | |
| DF12A Enumerator Notes _____ _____ _____ | |
| DF12A Translation _____ _____ _____ | |

22F. ROSCA Form

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| -----EF1A----- | | EF1B | |
| Village # | HH # | Visit # | ROSCA # |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | |
|----------------------------|------------------------|
| EF1C Start Time | EF1C [] |
| EF1D Respondent's nickname | EF1D [] |
| EF1E HH member ID # | EF1E [] |

ROSCA Identification

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| EF2A What is the name of the head of this ROSCA? | EF2A1 nickname _____ EF2A2 formal first name _____ EF2A3 formal last name _____ (Please enter nickname of head on ROSCA Roster also.) |
| EF2B Where does he or she live? (1 – this village, 3 - not this village but in this tambon, 5 - not this tambon but this amphoe, 7 – not this amphoe but this changwat, 9 – in Bangkok, 11 – another changwat, 13 other. If 1 skip to skip to EF2D. If 3 continue. Otherwise skip to EF2E.) | EF2B [] |
| EF2C Village number | EF2C [] |
| EF2D Enumerator: record HH id number. | EF2D [] |
| EF2E What is your relationship to the head of the ROSCA? The borrower is my _____. (A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother's side, N – uncle or aunt on father's side, O – other relative on mother's side, P – other relative on father's side, Q – no family relationship.) | EF2E [] |
| EF2F What other relationship do you have with this person? This person is my _____. Codes: R – neighbor, S – moneylender, T – store owner, U – supplier of inputs, V – owner of plots that household uses, W – purchaser of output, X – no relationship, Y – someone I (or members of my household) owe money to, Z - other (specify). | EF2F [] |
| EF2F In which month... (1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December) | EF2F [] |

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| EF2G ...and in which year was this ROSCA started? <i>(Also enter date on ROSCA Roster.)</i> | EF2G [] |
| EF2H Including yourself and the head of the ROSCA, how many people are participating in this ROSCA? | EF2H [] |
| EF2I How many of the ROSCA members besides the head do you have a family relationship with? <i>(If none record 0 and skip to EF2K.)</i> | EF2I [] |
| EF2J What relationships do you have with the other members? <i>(Please record all that apply: A – brother, B – brother-in-law, C – sister, D – sister-in-law, E – mother, F – mother-in-law, G – father, H – father-in-law, I – son, J – son-in-law, K – daughter, L – daughter-in-law, M – uncle or aunt on mother’s side, N – uncle or aunt on father’s side, O – other relative on mother’s side, P – other relative on father’s side, Q – no family relationships.)</i> | EF2J [] |
| EF2K How many shares are there in this ROSCA? | EF2K [] |
| EF2L What was the initial contribution per share? | EF2L [] |
| EF2M How many shares do you have? | EF2M [] |
| EF2N How many months will this ROSCA last? | EF2N [] |
| EF2O What did you bid? | EF2O [] |
| EF2P In what month and <i>(1 – January, 2 – February, 3 – March, 4 – April, 5 – May, 6 – June, 7 – July, 8 – August, 9 – September, 10 – October, 11 – November, 12 – December)</i> | EF2P [] |
| EF2Q in what year will you receive money from this ROSCA? | EF2Q [] |
| EF2R How much money will you receive? | EF2R [] |
| EF2S How much will you pay into the ROSCA in total? | EF2S [] |
| EF2T Why did you decide to participate in this ROSCA? | EF2T [] |

EF2T: Codes for why participate

A – to buy walking tractor

B – to buy fertilizer, pesticide, herbicide, seed

C – to buy livestock

D – to buy other farm equipment

E - business investment - specify
(EF2TO1)

F - buy land

G - build/buy house

H - to relend to others

I - for ceremony

J - consumption
K - to buy motorcycle
L - to buy pick up truck or car
M - to buy television, VCR, air conditioner, stove or other household asset

N - educational expenses
O – as an investment
P – other, specify (**EF2TO2**)

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|-------------------------------------------------------------------------------------------------------------------------|
| EF2U What do you think will happen if the you miss a payment to this ROSCA or pay less than you are supposed to? |
| EF2U Translation <hr/> <hr/> |