**Assessing community knowledge on soil erosion and management practices**

**Household Questionnaire Tool**

Form number: \_\_\_\_\_\_\_\_\_\_ Date of interview: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Village name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Elevation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: Eastings:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Northings:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**A: Farmers Information**

1. Age (Years):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (if respondent agrees to mention)
2. Education level: \_\_\_\_\_\_\_\_\_\_\_\_\_(if respondent agrees to mention)
3. Size of your farm (ha)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Which farming system is dominant in your farm : (A) Agroforestry (B) Maize monocroping

**B Knowledge on soil erosion**

1. Do you experience soil erosion in your farm? (a) Yes (b) No
2. If yes, what is the trend (a) Increasing (b) decreasing (c) no change
3. What indicators of soil erosion have you seen in your farm (Use table below )

|  |  |  |  |
| --- | --- | --- | --- |
| Table 1: Indicators of soil erosion in cultivated farms | | | |
|  | **Indicator types** | **Seen** | **Not seen** |
| 1 | Broken terraces |  |  |
| 2 | Gullies |  |  |
| 3 | Landslides |  |  |
| 4 | Rill channels |  |  |
| 6 | Rock exposure |  |  |
| 7 | Sedimentation |  |  |
| 8 | Splashed particles |  |  |
| 9 | Surface wash |  |  |
|  |  |  |  |

1. From the table below, what are the main cause (s) of soil erosion in your farm?

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Causes of soil erosion** | **YES** | **NO** |
| 1 | Run off water |  |  |
| 2 | Farm slope |  |  |
| 3 | Free grazing livestock |  |  |
| 4 | Lack of contour strip vegetation |  |  |
| 5 | Tilled loose soil |  |  |
| 6 | Soil texture of your farm |  |  |
| 7 | Heavy rains |  |  |
| 8 | Lack of cover crops |  |  |
| 9 | Low application of animal manure |  |  |
| 10 | Low application of mulching materials |  |  |

1. From the table below, which measure do you apply to control soil erosion in your farm?

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Causes of soil erosion** | **YES** | **NO** |
| 1 | Planting tree strips |  |  |
| 2 | Construct stone terraces |  |  |
| 3 | Apply organic mulching |  |  |
| 4 | Practice minimum tillage |  |  |
| 6 | Grow contour fodder strips |  |  |
| 7 | Establish vegetation fences |  |  |
| 8 | Incorporate cover crops |  |  |
| 9 | Construct bench terraces |  |  |

1. What are the main obstacles for adopting soil conservation measures?
   1. Limited access to extension education
   2. Lack of land ownership
   3. Limited financial resources
   4. Low availability of physical labor
   5. Low economic returns from agriculture