**Carbon Benefits Project - Detailed Assessment**

**Cropland Questionnaire**

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| --- | --- | --- | --- | --- | --- | --- |
| Date: |  | | | | | |
| Name of Project Activity Area: |  | | | | | |
| Scenario | Initial Land Use |  | Baseline Scenario |  | Project Scenario |  |
| Year you are describing: |  | | | | | |
| Name of interviewer: |  | | | | | |
| Name of interviewee: |  | | | | | |
| Sample number: |  | | | | | |

1. How big in ha is the cropland area you are describing?

2. What is the GPS of the central point of the cropping area (if available)?

3. What is the name of the cropping system (choose something that will describe the system to yourself and others when you come back to it later - e.g. maize intercropped with beans/fallow)

4. Cropping rotation: Please describe your crop rotation using the table below. Year refers to the year in your cropping sequence and 'crop' to the crops that are grown in that particular year, for example in year one you might grow maize followed by beans, in year 2 Napier grass and in year 3 fallow. For a list of crops see the reference sheet. If your crop is not in the list please add your own. If you have two or more crops intercropped at the same time indicate which one covers the majority of the area in the field.

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| --- | --- | --- | --- |
| **Year** | **Crop 1** | **Crop 2** | **Crop 3** |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

5. Crop management. For each of the crops you have specified above, please complete a table below describing it's management.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | | | Crop no. (1,2 or 3) | | | | Crop name | | |
| Residue management | | Tillage system | | | Is Fertiliser applied (y/n) | Amount of N fertiliser applied (kg/ha) | | % of N in the fertiliser\* | Is organic fertiliser (manure used) | Are any of the following improvements used? (Y/N) | | | | | |
| Cover crops | Irrigation | | Liming | Improved Varieties | Is the crop a legume? |
| Burned |  | Full | |  |  |  | |  |  |  | |  |  |  |  |
| Collected |  | Reduced | |  |
| Grazed |  | None | |  |
| Retained |  |

\*(The nitrogen content is sometimes written on the bag, if you use more than one application per please state the amount and % for each one)

note to interviewer you will have to calculate the total % before putting this data into the system.

|  |  |  |  |  |  |  |  |  |  |
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**Reference list of crops:**

|  |
| --- |
| alfalfa |
| barley |
| beans |
| buckwheat |
| cassava |
| castor oil seed |
| cereals, other |
| clover |
| cotton |
| fallow |
| feedbeet |
| fiber crop (flax, hemp, sisal, others) |
| fruits, fresh (strawberries, etc) |
| grass hay |
| grass pasture |
| grasses for seed or forage |
| groundnuts (peanut, bambara, other) |
| Hay |
| jerusalem artichoke |
| legumes and pulses, dried |
| legumes and pulses, fresh |
| maize |
| maize, dry |
| maize, green |
| mate |
| melon, pumpkin, squash or gourd |
| millet |
| mushrooms and truffles |
| oats |
| oilseeds (sunflower, safflower, canola/rapeseed, other) |
| other |
| peanuts |
| peas |
| pineapple |
| potato, Irish |
| potato, sweet or yam |
| potatoes |
| quinoa or amaranth |
| rice, upland |
| rice, wetland |
| root vegetables |
| rye |
| seed crops (sesame, poppy, mustard, other) |
| sorghum |
| soybeans |
| spring wheat |
| sugar beet |
| sugar cane |
| sugarcane |
| sugarcane leaves |
| sugarcane tops |
| taro / cocoyam |
| tobacco |
| vegetables and flowers, dried |
| vegetables and flowers, fresh |
| winter wheat |