

Field Measurement - Farm History v05 (v1)

Select a Version to Preview Field Measurement - Farm History v05 (v1) ▼

PREVIEW

FIELD MAPPING

Form Info



Title **Field Measurement - Farm History v05**

Alias Farm History v05

Description
Message After Submission Thank you for taking the time to complete this form. In the next section, you will conduct a Soil Carbon Sample and a Bulk Density Sample. Begin by selecting this Field Measurement Form and use the mapping feature to navigate to the first plot. After completing the plot's sample, repeat this process until all plots have been sampled.

Scoring Group:

Form Preview

S1 General Information

Show all questions on one page

Q1 Field Measurement Number

Required

Q2 Forest Garden ID

Required

Q3 Farmer Name

Q4 Region/County

Q5 Date

Required

Q6 Number of People in Field Crew

Min: 0

Q7 Field Crew Lead

Q8 Notes

S2 Introduction

Q9 Ask to be shown around the farm.

Before you begin this survey, politely ask the farmer to show you around the farm.

S3 Forest Garden / Farm Area

Show all questions on one page

Q10 Forest Garden Area (Acres)

Min: 0

S4 Tillage and Irrigation

Q11 Do you do any tillage within the Forest Garden area?

Options

- No
- Yes

Q12 What do you use for tillage?

Options

- Ox plow
- Disc plow
- Jembe (garden hoe)
- Tractor
- Other

Show this when any of the following conditions are satisfied
Q11. Do you do any tillage within the Fore... Is Yes

Q13 What is the "Other" type used for tillage?

Show this when all of the following conditions are satisfied
Q12. What do you use for tillage? Is Other

Q14 How much fuel was used to till the farm? (Liters)

IF THIS IS NOT KNOWN: Enter zero (0) and continue.

Show this when any of the following conditions are satisfied
Q12. What do you use for tillage? Is Tractor

Min: 0

Q15 How many hours did the tractor take to till the farm?

Show this when all of the following conditions are satisfied
Q14. How much fuel was used to till the far... Is 0

Min: 0

Q16 What is the approximate depth of tillage?
(centimeters)

Show this when any of the following conditions are satisfied
Q11. Do you do any tillage within the Fore... Is Yes

Min: 0

Q17 What area of the Forest Garden area do you till?
(in acres)

Show this when any of the following conditions are satisfied
Q11. Do you do any tillage within the Fore... Is Yes

Min: 0

Q18 What is the approximate frequency of tillage?
(Number of times per year)

Show this when any of the following conditions are satisfied
Q11. Do you do any tillage within the Fore... Is Yes

Min: 0

Q19 Tillage Notes

Q20 Do you do any irrigation within the Forest Garden area?

(Watering seedlings should not be counted.)

Options

- No
 Yes

Q21 Irrigation Notes

S5 Farm History

Q22 Instructions

In the following section, we will ask a series of questions about the activities on this farm over the past three (3) agricultural seasons. In each section, first identify the season by the year. Then, answer the questions according to that season. Begin with the most recent season.

S6 Crop Production *Within Forest Garden Area*

Show all questions on one page
Display Repeat Section as a Table
Repeated/Table section

Q23 Year

Q24 Crop Type

What crop was planted on this land during the time period?

Options

- Amaranth
- Bananas
- Beans & Pulses
- Beetroot
- Black Nightshade
- Butternuts
- Cabbage
- Carrots
- Cassava
- Coriander
- Cotton
- Cowpeas
- Croton
- Mixed Fruit
- Grains
- Green Grams
- Ground Nuts
- Potatoes - Irish
- Jew's Mallow
- Kales
- Maize
- Millet
- Onions
- Peppers
- Pineapple
- Pumpkins
- Root Crops
- Sorghum

- Soyabeans
- Soybean
- Spider Plant
- Spinach
- Sugarcane
- Sunflower
- Sweet Potatoes
- Tobacco
- Tomatos
- Mixed Vegetables
- Watermelon
- Wheat
- Yams
- Other

Q25 Other Crop

Enter the type of "Other" crop planted on this land during the time period.

Q26 Approximate Planting Date

Q27 Approximate Harvesting Date

Q28 Planting Area

(in acres)

Min: 0

Q29 Yield Amount

The next question will ask for the unit type (bag, bucket, cart, etc.)

Min: 0

Q30 Yield Unit

What unit was the amount reported in?

Options

- Bag - 25kg
- Bag - 50kg
- Bag - 90kg
- Bale
- Banana Bunch
- Bunch (Hand)
- Bunches
- Cart
- Crate (Big)
- Crate (Small)
- Fruits (3 Pieces)
- Gorogoro
- Handful Bundles
- Kasuku
- Net
- Pieces
- Wheel Barrow
- Other

Q31 Other Unit

What is the "other" unit the Yield Amount was reported in?

Q32 Notes

S7 Grazing Livestock *Within Forest Garden Area*

Show all questions on one page
Display Repeat Section as a Table
Repeated/Table section

Q33 Year

Min: 0

Q34 Livestock Type

What livestock was grazed on this area during this time period?

Options

- Dairy Cattle
- Donkeys
- Doves
- Ducks
- Goats
- Guinea Fowl
- Non-Dairy Cattle
- Pigs (Breeding)
- Pigs (Finishing)
- Poultry (broilers)
- Poultry (hens)
- Poultry (pullets)
- Rabbits
- Sheep

Turkey

Other

Q35 Other Livestock Type

If you selected "Other", please provide the livestock name here.

Q36 Number of Animals

Min: 0

Q37 How many days out of the year does the animal spend in the Forest Garden?

Min: 0
Max: 365

Q38 Is this livestock taken to an area outside of this Forest Garden to graze?

Options

No

Yes

Q39 On average, how many days per year is that livestock grazing outside the Forest Garden?

Min: 0
Max: 365

Q40 Do livestock from another farm graze in the Forest Garden area?

Options

- No
- Yes

Q41 On average, how many days per year is this other livestock grazing in the Forest Garden?

Min: 0
Max: 365

Q42 What does the farmer do with this livestock's manure?

Q43 Notes

S8 Fertilizer Use *Within Forest Garden Area*

Repeated/Table section

Q44 Year

Min: 0

Q45 Did you apply any Synthetic Fertilizer?

Options

- No
- Yes

Q46 What type of Synthetic Fertilizer was applied?

Options

- Chapa Meli (UREA)
- Elgon (UREA)
- Chapa Meli (DAP)
- ETG/Falcon (DAP)
- ETG/Falcon (NPK)
- ETG/Falcon (CAN)
- Baraka (Top Dressing)
- Baraka (Planting)
- Other

Show this when any of the following conditions are satisfied
Q45. Did you apply any Synthetic Fertilizer? Is Yes

Q47 Enter the "Other" type of Synthetic Fertilizer here.

Show this when any of the following conditions are satisfied
Q46. What type of Synthetic Fertilizer was ... Is Other

Q48 What quantity of Synthetic Fertilizer was applied?

(You will be asked to specify the quantity next.)

Show this when all of the following conditions are satisfied
Q45. Did you apply any Synthetic Fertilizer? Is Yes

Min: 0

Q49 What is the unit of the quantity you just reported?

Options

- Kilograms
- Liters
- Other

Show this when any of the following conditions are satisfied
Q48. What quantity of Synthetic Fertilizer ... Is Answered

Q50 What is the "Other" unit?

Show this when any of the following conditions are satisfied
Q49. What is the unit of the quantity you ju... Is Other

Q51 Did you apply any Organic Fertilizer?

Options

- No
- Yes

Q52 What type of Organic Fertilizer was applied?

Options

- Animal Manure (not from grazing animal)
- Compost
- Guano Manure
- Organic liquid manure
- Press mud (sugarcane waste - bagasse)
- Sewage Sludge
- Other

Show this when any of the following conditions are satisfied
Q51. Did you apply any Organic Fertilizer? Is Yes

Q53 Enter the "other" type of Organic Fertilizer applied to this field.

Show this when any of the following conditions are satisfied
Q52. What type of Organic Fertilizer was a... Is Other

Q54 What amount of Organic Fertilizer was applied?

(You will be asked to specify the unit next.)

Show this when any of the following conditions are satisfied
Q51. Did you apply any Organic Fertilizer? Is Yes

Min: 0

Q55 What is the unit of the quantity you just reported?

Options

- Buckets
- Carts
- Kilograms
- Sacks
- Troughs or Basins
- Wheel barrow
- Other

Show this when any of the following conditions are satisfied
Q51. Did you apply any Organic Fertilizer? Is Yes

Q56 Enter the "Other" unit type here.

Show this when any of the following conditions are satisfied
Q55. What is the unit of the quantity you ju... Is Other

Q57 What was the size of the area that the fertilizer was added?
(in acres)

Show this when any of the following conditions are satisfied
Q45. Did you apply any Synthetic Fertilizer? Is Yes
Q51. Did you apply any Organic Fertilizer? Is Yes

Min: 0

Q58 Notes

S9 Nitrogen-Fixing Species *Within Forest Garden Area*

Repeated/Table section

Q59 Year

Q60 Did you plant any N-fixing crops on your farm during this period?

Options

- No
- Yes

Q61 What type of N-fixing species were planted on the farm?

nfix_type1

Options

- Alfalfa
- Barley
- Beans & Pulses
- Cajanus Cajan
- Cloves
- Cowpeas
- Desmodium
- Dry Bean
- Grains
- Grass-Clover Mixtures
- Ground Nuts
- Jack Bean
- Lablab
- Lentils
- Lupins
- Maize
- Millet
- Mucuna Pruriens
- N-Fixing Forages
- Non-Legume Hay
- Oats
- Peanuts
- Peas

Show this when all of the following conditions are satisfied
Q60. Did you plant any N-fixing crops on y... Is Yes

- Perennial Grasses
- Potato
- Rice
- Root Crops, Other
- Rye
- Sorghum
- Soybeans
- Spring Wheat
- Tithonia
- Tubers
- Vetch Grass
- Wheat
- Winter Wheat
- Other

Q62 What is the "Other" type of nitrogen-fixing crop?

Show this when any of the following conditions are satisfied
Q61. What type of N-fixing species were pl... Is Other

Q63 What is the area of the farm the N-fixing species were planted on?
(acres)

Show this when all of the following conditions are satisfied
Q60. Did you plant any N-fixing crops on y... Is Yes

Min: 0

Q64 Notes

S10 Fossil Fuel use *Within Forest Garden Area*

Repeated/Table section

Q65 Year

Min: 0

Q66 Did you use Fossil Fuel to power any equipment on your field?

Options

- No
 Yes

Q67 What type of fuel was used?

Options

- Petrol
 Diesel
 Kerosene
 Charcoal
 Other

Show this when all of the following conditions are satisfied
Q66. Did you use Fossil Fuel to power any... Is Yes

Q68 What quantity of fuel was used?
(liters or kilograms in the case of charcoal)

Show this when all of the following conditions are satisfied
Q66. Did you use Fossil Fuel to power any... Is Yes

Min: 0

Q69 Notes

S11 Agricultural Residues *Within Forest Garden Area*

Repeated/Table section

Q70 Year

Min: 0

Q71 Do you burn Agricultural Residues within the field?

Options

- No
- Yes

Q72 What type was burned?

Options

- Wheat residues
- Maize residues
- Rice residues
- Sugarcane
- Other or mixed residues

Show this when all of the following conditions are satisfied
Q71. Do you burn Agricultural Residues wi... Is Yes

Q73 Enter the other or mixed types here.

Show this when all of the following conditions are satisfied
Q72. What type was burned? Is Other or mixed residues

Q74 Do you burn agricultural residues for heating or cooking?

Options

- No
- Yes

Q75 Will you continue to burn residues for heating or cooking?

Options

- No
- Yes

Show this when all of the following conditions are satisfied
Q74. Do you burn agricultural residues for ... Is Yes

Q76 Will you purchase any fossil fuels for heating or cooking to replace residues no longer used for heating or cooking?

Options

- No
- Yes

Show this when all of the following conditions are satisfied
Q74. Do you burn agricultural residues for ... Is Yes

Q77 Does the farmer use residues for anything else?

Options

- Animal Feeds
- Compost
- Mulching
- Other

Q78 What is the "Other" use?

Show this when all of the following conditions are satisfied
Q77. Does the farmer use residues for any... Is Other

Q79 Notes

S12 Tree & Shrub Sampling

Q80 Instructions

Now that the history is complete, we must determine whether a detailed tree inventory is required for this land. Please answer the next few questions and follow the system's recommendation at the end.

Q81 Does the crown cover of *shrubs* exceed 5% on any part of this field?

Options

- No
- Yes

Q82 Field photo

Take a photo of the field to confirm that shrub coverage does not exceed 5%.

Show this when any of the following conditions are satisfied
Q81. Does the crown cover of *shrubs* ex... Is No

[Photo]

Q83 Are there any existing *trees* on the Forest Garden area?

Options

- No
- Yes

Q84 No further steps necessary

According to your response, there is no requirement to conduct the Tree Inventory & Measurement job. You may click "Next" and conclude the surveying of this location.

Show this when any of the following conditions are satisfied
Q83. Are there any existing *trees* on the ... Is No

Q85 Required: Tree Inventory

According to your response, we are required to conduct the 'Tree Inventory' job only. Proceed with the conclusion of this survey, then begin the 'Tree Inventory' job on TaroWorks.

Show this when any of the following conditions are satisfied
Q83. Are there any existing *trees* on the ... Is Yes

Q86 Survey Complete

Check "Complete" and continue.

Options

Complete

Required

Close



Soil Sample v02 (v6)

Select a Version to Preview Soil Sample v02 (v6) ▼

PREVIEW

FIELD MAPPING

Form Info



Title **Soil Sample v02**

Alias Carbon: Soil Sample

Description
Message After Submission Thank you for taking the time to complete this form!

Scoring Group:

Form Preview

S1 General Information

Show all questions on one page

Q1 Farmer Name

Required

Q2 Forest Garden ID

Q3 Field Measurement Number

Required

Q4 Plot Number

Q5 Soil Sample Number

Required

Q6 Sample Type

Q7 Date

Required
Hidden

Q8 Intended Location

Hidden
[GPS Location]

S2 Soil Carbon Sample

Q9 **Reminder: You need 3 cores per location.**

Q10 **Actual Location**

This is the ACTUAL location where the soil sample is taken.

[GPS Location]

Q11 **Sample ID**

Ensure this ID is written on the sample bag.

Q12 **Sample Depth**

(centimeters)

Min: 0

Q13 **Notes**

Close

Tree Inventory & Measurement v03 (v9)

Select a Version to Preview Tree Inventory & Measurement v03 (v9) ▼

PREVIEW

FIELD MAPPING

Form Info



Title **Tree Inventory & Measurement v03**

Alias Tree Inventory & Measurement v03

Description
Message After Submission Thank you for taking the time to complete this form!

Scoring Group:

Form Preview

S1 General Information

Show all questions on one page

Q1 Field Measurement Number

Required

Q2 Forest Garden Name

Q3 Forest Garden ID

Q4 Date

Required

S2 Activity Selection

Q5 Which activity would you like to perform?

Options

- Record Stand or Trees < 20m diameter
- Record Stand of Trees > 20m diameter
- Record Hedgerow/Living Fence

S3 Record Stand of Trees > 20m diameter

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perform... Is Record Stand of Trees > 20m diameter

Q6 Instructions

You have chosen to record a stand of trees with a 20 meter diameter. To do this, we will need to create a polygon. In the following section, you will be asked to record the GPS coordinates of the corners of the tree stand. Repeat the section until all corners are recorded. Do not take multiple GPS points for a single corner. If there are multiple stands on this field, you will need to complete this form and then start a new form to record the other stand(s).

S4 Tree Stand Polygon

Repeated/Table section

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Stand of Trees > 20m diameter

Q7 Tree Stand Corner

[GPS Location]

S5 Plans for the Tree Stand

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Stand of Trees > 20m diameter

Q8 Will this stand be killed or removed to implement the forest garden practices?

Options

- No
- Yes

Q9 Take a photo of the tree stand

[Photo]

Q10 Next Step: Establish Plot and Record Trees

According to your answers, we need to record more information about the trees in this area. Use the methodology taught during training to establish a plot within this area and proceed to the next question. If the slope of the plot exceeds 10% then you must record the location and altitude at the bottom of the slope, the location of the altitude at the top of the slope, and measure the distance between the points at the bottom and top of slope.

Show this when any of the following conditions are satisfied

Q8. Will this stand be killed or removed to... Is Yes

Q11 Is the slope of the plot greater than 10%?

Options

- No
- Yes

Show this when all of the following conditions are satisfied
Q8. Will this stand be killed or removed to... Is Yes

Q12 Bottom of Slope - Location & Altitude

Stand at the bottom of the slope and record the GPS coordinates.

Show this when all of the following conditions are satisfied
Q11. Is the slope of the plot greater than 1... Is Yes

[GPS Location]

Q13 Top of Slope - Location & Altitude

Stand at the top of the slope and record the GPS coordinates.

Show this when all of the following conditions are satisfied
Q11. Is the slope of the plot greater than 1... Is Yes

[GPS Location]

Q14 What is the distance between the top and bottom points?

(in meters)

Show this when all of the following conditions are satisfied
Q11. Is the slope of the plot greater than 1... Is Yes

Min: 0

Q15 Plot Location

Stand in the center of the plot you just identified and take a GPS point.

Show this when all of the following conditions are satisfied
Q8. Will this stand be killed or removed to... Is Yes

[GPS Location]

S6 Stumps Present?

Show this when any of the following conditions are satisfied
Q8. Will this stand be killed or removed to... Is No

Q16 Are there existing stumps within the polygon you just created?

A stump is defined as a tree without any branches or stems. You do not need to record stumps that have new growth. The stumps must be >15.5cm circumference.

Options

- No
- Yes

Q17 Instructions

We need to document the locations of those stumps. In the following section, you will be asked to record the GPS coordinates of all stumps within the polygon area that are >15.5cm circumference. Repeat the section until all stumps are recorded. (Be sure to count how many stumps you are recording. You will be asked this later in the form.)

Show this when any of the following conditions are satisfied
Q16. Are there existing stumps within the ... Is Yes

S7 Stumps

Repeated/Table section

Show this when any of the following conditions are satisfied
Q16. Are there existing stumps within the ... Is Yes

Q18 Stump Location

(the location of the tree stump that is >15.5cm circumference)

[GPS Location]

S8 Stumps

Show this when any of the following conditions are satisfied
Q16. Are there existing stumps within the ... Is Yes

Q19 How many stumps did you just record?

Min: 0

S9 Record a Tree

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Stand or Trees < 20m diameter
Q8. Will this stand be killed or removed to... Is Answered

Q20 Instructions

In the following section, you will be asked to record the GPS locations of the trees that are >15.5cm circumference. Repeat the section until all trees are recorded. (Be sure to count how many trees you are recording. You will be asked this later in the form.)

S10 Record a Tree

Repeated/Table section

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Stand or Trees < 20m diameter
Q8. Will this stand be killed or removed to... Is Answered

Q21 Is this a nitrogen-fixing tree?

Options

- No
- Yes
- I don't know

Q22 Tree Location

Show this when any of the following conditions are satisfied

Q8. Will this stand be killed or removed to... Is No

Q21. Is this a nitrogen-fixing tree? Is not No

Q5. Which activity would you like to perfo... Is Record Stand or Trees < 20m diameter

[GPS Location]

Q23 Will this tree be harvested, cleared, or removed to implement the forest garden practices?

Options

- No
- Yes

Hide this when any of the following conditions are satisfied

Q8. Will this stand be killed or removed to... Is Answered

Q24 Species Name

Options

- Acacia Spp
- Albezia Gummifera
- Annacadium Occidentale
- Arcacarpus fraxinifolius
- Avocado
- Balanites Egyptica
- Bischovia Japonica
- Boganvilia
- Cajanus Cajan
- Calliandra Calothyrsus
- Cassia Siamea

Show this when any of the following conditions are satisfied

Q23. Will this tree be harvested, cleared, o... Is Yes

Q8. Will this stand be killed or removed to... Is Yes

Q21. Is this a nitrogen-fixing tree? Is not No

- Casuarina
- Casuarina Spp.
- Chamaecytisus Palmensis
- Citrus
- Crotonalaria
- Croton Macrostachus
- Croton Megalocarpus
- Cypress
- Dovyalis Caffra
- Duranta Erecta
- Eucalyptus
- Euphorbia
- Faidherbia Albida
- Ficus Sychomorus
- Gliricidia Sepium
- Grevillea Robusta
- Guava
- Jackfruit
- Jatropha
- Kigalia Africana
- Lantana Camara
- Leucaena Diversifolia
- Leucaena Leucocephala
- Leucaena Trichandra
- Loquarts
- Maesopsis Emnii
- Mango
- Markhamia Lutea
- Mauritias Thorns
- Melia Azadirach
- Melia Excelsa
- Moringa Olifera
- Mulberry
- Nandi
- Neem

- Olea Welweschii
- Oranges
- Papaya
- Passionfruit
- Pinus Partula
- Prunus Africana
- Rhus Natalensis
- Sesbania Grandiflora
- Sesbania Sesban
- Syzygium
- Tamarind Indica
- Teclea Simplicifolis (Ondati)
- Tephrosia Candida
- Tephrosia Vogelli
- Terminalia Brownii
- Terminalia Catapa
- Terminalia Mentalis
- Thevetia Peruviana
- Tipuana Tipu
- Tithonia
- Trichilia Emetica
- Other

Q25 What is the "Other" species of tree?

Show this when any of the following conditions are satisfied
Q24. Species Name Is Other

Q26 How many circumferences would you like to record for this tree?

Options

- 1
- 2
- 3

Show this when any of the following conditions are satisfied
Q23. Will this tree be harvested, cleared, o... Is Yes
Q8. Will this stand be killed or removed to... Is Yes
Q21. Is this a nitrogen-fixing tree? Is not No

Q27 What is the tree's circumference? (1)
(centimeters)

Show this when any of the following conditions are satisfied
Q26. How many circumferences would you... Is Answered

Min: 15.5

Q28 What is the tree's circumference? (2)
(centimeters)

Show this when any of the following conditions are satisfied
Q26. How many circumferences would you... Is 2
Q26. How many circumferences would you... Is 3
Q26. How many circumferences would you... Is 4

Min: 15.5

Q29 What is the tree's circumference? (3)
(centimeters)

Show this when any of the following conditions are satisfied
Q26. How many circumferences would you... Is 3
Q26. How many circumferences would you... Is 4

Min: 15.5

Q30 What is the tree's circumference? (4)
(centimeters)

Show this when any of the following conditions are satisfied
Q26. How many circumferences would you... Is 4

Min: 15.5

Q31 Take a photo of the tree

Hide this when all of the following conditions are satisfied
Q8. Will this stand be killed or removed to... Is Yes

S11 Record Stand or Tree <20m diameter

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Stand or Trees < 20m diameter
Q8. Will this stand be killed or removed to... Is Yes

Q32 How many trees did you just record?

Min: 0

S12 Hedgerows & Living Fences

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Hedgerow/Living Fence

Q33 Will trees in this hedgerow be cleared or removed to implement the forest garden practices?

Options

- No
- Yes

Q34 Hedgerow Photo 1

Take a photo of the hedgerow. There will be a total of three (3) hedgerow photos.

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleare... Is No

[Photo]

Q35 Hedgerow Photo 2

Take a photo of the hedgerow. There will be a total of three (3) hedgerow photos.

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared... Is No

[Photo]

Q36 Hedgerow Photo 3

Take a photo of the hedgerow. There will be a total of three (3) hedgerow photos.

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared... Is No

[Photo]

Q37 Hedgerow Instructions (Lengths & Widths)

In the following section, you will be asked to document the lengths and widths along the hedgerow/living fence. Measure the length and width of the hedgerow starting at a corner. Then measure the length until another vertex (or angle) or corner is reached. When you reach another angle or corner, remeasure the width. Repeat until the length and width of the entire hedgerow is complete.

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared... Is Yes

S13 Hedgerow Lengths & Widths

Show all questions on one page
Repeated/Table section

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared... Is Yes

Q38 Starting Width

(meters)

Min: 0

Q39 Ending Width
(meters)

Min: 0

Q40 Length
(meters)

Min: 0

Q41 Hedgerow Length

Take a photo of this section of hedgerow.

[Photo]

Q42 Hedgerow Shrub Canopy Cover

Using an ocular estimate, what is the canopy cover of shrubs in this length of hedgerow?

Options

- < 5%
- 6 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 95%
- > 96%

S14 Trees in Hedgerow

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Hedgerow/Living Fence

Q43 Instructions

In the following section, you will be asked to record the GPS coordinates of any >15.5cm circumference trees that make up the hedgerow or living fence. Repeat the section until all trees are recorded. (Be sure to count how many trees you are recording. You will be asked this later in the form.)

S15 Trees in the Hedgerow

Repeated/Table section

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perform? Is Record Hedgerow/Living Fence

Q44 Is this a nitrogen-fixing tree?

Options

- No
- Yes
- I don't know

Q45 Tree Location

(the location of the tree that is >15.5cm circumference)

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared? Is No
Q44. Is this a nitrogen-fixing tree? Is not No

[GPS Location]

Q46 Hedgerow Tree Species

Options

- Acacia Spp
- Albezia Gummifera
- Annacadium Occidentale
- Arcacarpus fraxinifolius
- Avocado

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared? Is Yes
Q44. Is this a nitrogen-fixing tree? Is not No

- Balanites Egyptica
- Bischofia Japonica
- Boganvilia
- Cajanus Cajan
- Calliandra Calothyrsus
- Cassia Siamea
- Casuarina
- Casuarina Spp.
- Chamaecytisus Palmensis
- Citrus
- Crotonalaria
- Croton Macrostachus
- Croton Megalocarpus
- Cypress
- Dovyalis Caffra
- Duranta Erecta
- Eucalyptus
- Euphorbia
- Faidherbia Albida
- Ficus Sychomorus
- Gliricidia Sepium
- Grevillea Robusta
- Guava
- Jackfruit
- Jatropha
- Kigalia Africana
- Lantana Camara
- Leucaena Diversifolia
- Leucaena Leucocephala
- Leucaena Trichandra
- Loquarts
- Maesopsis Emnii
- Mango
- Markhamia Lutea
- Mauritius Thorns

- Melia Azadirach
- Melia Excelsa
- Moringa Olifera
- Mulberry
- Nandi
- Neem
- Olea Welweschii
- Oranges
- Papaya
- Passionfruit
- Pinus Partula
- Prunus Africana
- Rhus Natalensis
- Sesbania Grandiflora
- Sesbania Sesban
- Syzygium
- Tamarind Indica
- Teclea Simplicifolis (Ondati)
- Tephrosia Candida
- Tephrosia Vogelli
- Terminalia Brownii
- Terminalia Catapa
- Terminalia Mentalis
- Thevetia Peruviana
- Tipuana Tipu
- Tithonia
- Trichilia Emetica
- Other

Q47 What is the "Other" tree species?

Show this when any of the following conditions are satisfied
Q46. Hedgerow Tree Species Is Other

Q48 How many circumferences would you like to record for this tree?

Options

- 1
- 2
- 3
- 4

Show this when any of the following conditions are satisfied
Q33. Will trees in this hedgerow be cleared? Is Yes
Q44. Is this a nitrogen-fixing tree? Is not No

Q49 What is the circumference of this tree? (1)
(centimeters)

Show this when any of the following conditions are satisfied
Q48. How many circumferences would you... Is Answered

Min: 15.5

Q50 What is the circumference of this tree? (2)
(centimeters)

Show this when any of the following conditions are satisfied
Q48. How many circumferences would you... Is 2
Q48. How many circumferences would you... Is 3
Q48. How many circumferences would you... Is 4

Min: 15.5

Q51 What is the circumference of this tree? (3)
(centimeters)

Show this when any of the following conditions are satisfied
Q48. How many circumferences would you... Is 3
Q48. How many circumferences would you... Is 4

Min: 15.5

Q52 What is the circumference of this tree? (4)
(centimeters)

Show this when any of the following conditions are satisfied
Q48. How many circumferences would you... Is 4

S16 Trees in the Hedgerow

Show this when any of the following conditions are satisfied
Q5. Which activity would you like to perfo... Is Record Hedgerow/Living Fence

Q53 How many hedgerow trees did you just record?

Min: 0

S17 Canopy Cover

Q54 Ocular Estimate of Canopy Cover

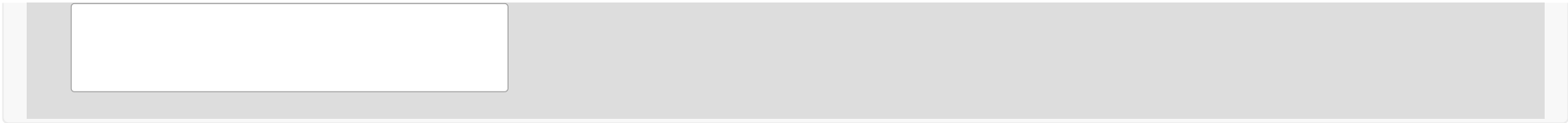
Use ocular estimates for the canopy cover of shrubs within the feature you just recorded (stand/hedgerow/tree/etc.). This may require walking throughout the stand depending on the size of the stand and visibility.

Options

- < 5%
- 6 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 95%
- > 96%

Q55 Notes

Enter notes regarding the canopy cover, including the average of the two estimates taken by the surveyors.



Close