

# Introduction to Spatial Functionality in the ATFS Database

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## Introduction

In recent years, the ATFS program has been facilitating collection of spatial data for committees, through grants and creation of tools that facilitate outreach and data updates. Through 2017-2018, ATFS worked with several states to do massive landowner outreach and capture spatial data points, as well. Starting in early 2019, adding functionality to the ATFS database to capture and store spatial data began. With these new features, active ATFS volunteers will be able to draw boundaries to map out ATFS Tree Farms.

Having high-quality data and spatial data benefit the entire system in several ways:

- Facilitates location of property for regular re-inspections and during assessments.
- In the future, this information can be overlaid with landscape management plans or other tools to streamline the entry of inspections.
- Allows for GIS analysis on Tree Farms for more effective outreach, field days, determining Tree Farm hot spots or dead zones, implementation of conservation initiatives, etc.
- Prevents duplicate enrollment of the same property.
- Prevents enrollment of noncontiguous parcels.

## What if Our State Has Spatial Data Readily Available?

With the help of our database programmer, shapefiles with digitized Tree Farms can be imported. If you have added new fields to your spatial data, there is no guarantee that additional data and fields will be imported, as well, but those situations will be handled individually. The main data of interest are the Tree Farm boundaries. Please contact Nephtali Chavez at [nchavez@forestfoundation.org](mailto:nchavez@forestfoundation.org) to begin the process and to ask any questions.

Required Fields:

- State
- Tree Farm number

Formatting Details:

- Zipped shapefile or geodatabase.
- Projection must be defined for the dataset.
- Each Tree Farm should only have one contiguous boundary. If a Tree Farm boundary is duplicated, or a Tree Farm number is repeated but has different boundaries, that property boundary will not be imported.

Instructions:

1. Please email Nephtali Chavez at [nchavez@forestfoundation.org](mailto:nchavez@forestfoundation.org) a zipped shapefile with the dataset.
2. Provide an estimate of when the dataset was last updated.
3. Folder can be shared through a file sharing site, such as drop box or google drive, if it is too large for email.

## Permissions

The ATFS database is gaining spatial capabilities that will allow state committee members and ATFS inspectors to input Tree Farm boundaries. The same permission rules that exist currently for Tree Farm editing will apply for viewing, creating, and modifying Tree Farm boundaries.

For example, state program administrators can make edits and create new Tree Farms in their state, but not for other states. The same will apply to boundary creation/editing.

For example, inspectors cannot create new Tree Farms, but can edit/enter Tree Farm property information as part of an inspection. Inspectors will not be able to create boundaries for properties they are not assigned to.

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To view the permissions of various roles, please look at this document:

[https://www.treefarmssystem.org/stuff/contentmgr/files/2/3105c7731a9ca78986fdc7faa9c655b3/files/capabilities\\_of\\_each\\_role.pdf](https://www.treefarmssystem.org/stuff/contentmgr/files/2/3105c7731a9ca78986fdc7faa9c655b3/files/capabilities_of_each_role.pdf)

## Privacy Concerns

Information held within the ATFS database is closely guarded and only authorized users can access this information. This website (ATFS Database) is owned and operated by the American Forest Foundation (AFF) and is intended to provide useful information to those individuals managing records of the American Tree Farm System® (ATFS) in their respective state(s). AFF is committed to ensuring the privacy of persons (Tree Farmers) participating in ATFS and will take every precaution to protect Tree Farmer information, both online and offline. Each user of the ATFS database is required to agree to the ATFS nondisclosure agreement before being able to access the information within.

## Troubleshooting

Please clear your browser's cache to ensure that all the new features can be used without issue.

If you continue to have technical issues please contact Nephtali Chavez at [nchavez@forestfoundation.org](mailto:nchavez@forestfoundation.org) or ATFS support at [atfs.support@jws.com](mailto:atfs.support@jws.com). In your message, please include the following information:

- Browser being used and version.
- What the issue is and what you are trying to achieve.
- Step that were taken that caused the issue.

## Searching for Spatial Data

The boundary for a Tree Farm is stored along with the other property details—such as acreage, location, status—that you are familiar with. You can view/edit boundary information by searching for a Tree Farm and clicking on the Tree Farm number or Display on Map.

Searching from the [Search/Create](#) → [Tree Farm Properties](#) Menu (Preferred):

Quickly Viewing all Locations of Tree Farms in Your State:

From this menu, you can view the location of all the Tree Farms (all that have had boundaries drawn) in your state for a quick review:

**LOG OUT** **HOME** **Searching Tree Farms**

Privacy Statement  
No Harassment Policy  
Verify Certifications  
User Guide (pdf)  
**User Profile** ▶  
**Administrative** ▶  
**Delete Records** ▶  
**Search/Create Records** ▼  
Individual  
Facilitator  
Inspector  
**Tree Farm Properties** 1  
**Inspections** ▶  
**Tree Farm Reports** ▶  
**Tree Farmer Reports** ▶  
**Facilitator Reports** ▶  
**Administrative Reports** ▶  
**National Reports** ▶  
**Group Reports** ▶  
**Group Reports** ▶  
**Training** ▶

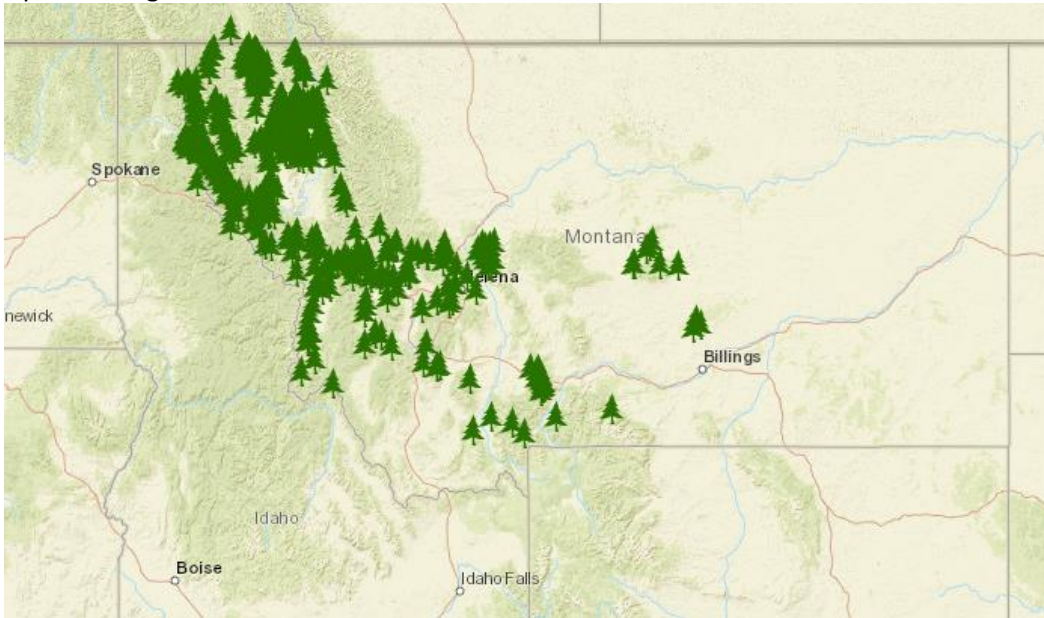
### Search Tree Farms:

**Tree Farm State:** Montana 2  
**Tree Farm Number:**   
**Tree Farm County:** All counties, Unknown, Beaverhead, Big Horn  
**Tree Farm District:** All districts  
**Owner Last Name:**   
**Owner First Name:**   
**Owner Organization:**   
**Owner Member ID:**   
**Owner State:** All States  
**Owner County:** All counties  
To select multiple counties., Mac: Cmd+Click PC: Ctrl+Click

**SEARCH** **DISPLAY MAP** 3

1. Go to **Search** → **Tree Farm Properties**.  
2. Choose the Tree Farm State.  
3. Click **Display Map**.

Clicking Display Map will launch the Tree Farm Viewer window showing the location of each Tree Farm:



Finding the Locations of Specific Properties:

1. Go to **Search/Create Records** → **Tree Farm Properties**.
2. Search for the Tree Farm(s) of interest.
3. From the search results select the Tree Farm(s) to view with the checkboxes.

Tree Farm	Owner	County	Acres	Type	Last	Last	Assigned	Certificate
<input checked="" type="checkbox"/> ME-10**	<a href="#">David Bowie</a>	Androscoggin	3	State Program - Certification				
<input type="checkbox"/> ME-1062	<a href="#">James Steele;</a> <a href="#">Agnes Steele</a>	York	308	State Program - Certification				
<input checked="" type="checkbox"/> ME-107**	<a href="#">Mary Leavitt</a>	Androscoggin	107	State Program - Certification	Certified	05/31/2016	Mark W Rabon	None - <a href="#">Assign</a>
<input type="checkbox"/> ME-120	<a href="#">Fred Stone;</a> <a href="#">Laura Stone</a>	York	35	State Program - Certification	Member	11/01/1997	Joel F Tripp	None - <a href="#">Assign</a>

In this example, I searched for all properties in Maine. The properties with boundaries have a double asterisk: \*\*

From the **Tree Farm Properties** menu, I can view a single Tree Farm boundary or multiple Tree Farm boundaries (by using the checkboxes to the left of the Tree Farm number).

**VIEW** **DISPLAY MAP** **EXPORT CSV** **CREATE PDF** **CREATE NEW**

\*\* Indicates presence of GIS spatial data for the Tree Farm location

Although users can view multiple properties at once, nobody can edit or create multiple boundaries at the same time through the online database. View, [submitting multiple boundaries at once](#).

When specific properties have been selected for viewing, the **Tree Farm Viewer** will only display the properties that were checked in the search results. You can toggle between viewing all properties in your state and the selected properties with the **Show All/Show Selected** Button.

# Tree Farm Viewer

In this example, I selected two properties in Maine. I can toggle between viewing only these two properties or all of the properties in my state with the **Show All** Button.

Layers:

- ATFS - Tree Farm Locations
- ATFS - Tree Farm Boundaries
  - Certified/Recognition
  - Pioneer
  - Decertified
  - Member
  - Others
- Parks
- Federal and Indian Land Areas
- Counties
- PLSS from BLM.GOV
  - State Boundaries
  - PLSS Township
  - PLSS Section
  - PLSS Intersected

Basemaps:

- Imagery with Labels
- Streets

Map controls: Measure, Print Map, Show All, Change Basemap

Map labels: Auburn, Lewiston, Sabattus, Bowdoin, Lisbon Falls

Scale: 0, 1.5, 3mi

Sources: Esri, HERE, Garmin, LISBON FALLS

Powered by esri

## Searching from Other Menus

Member ID:  1

City:

State:

County:

To select m  
Mac: Cmd+  
PC: Ctrl+Cl

1. Search for Property normally.

2. Click on the Tree Farm number hyperlink to view property details in pop-up.

One result found:

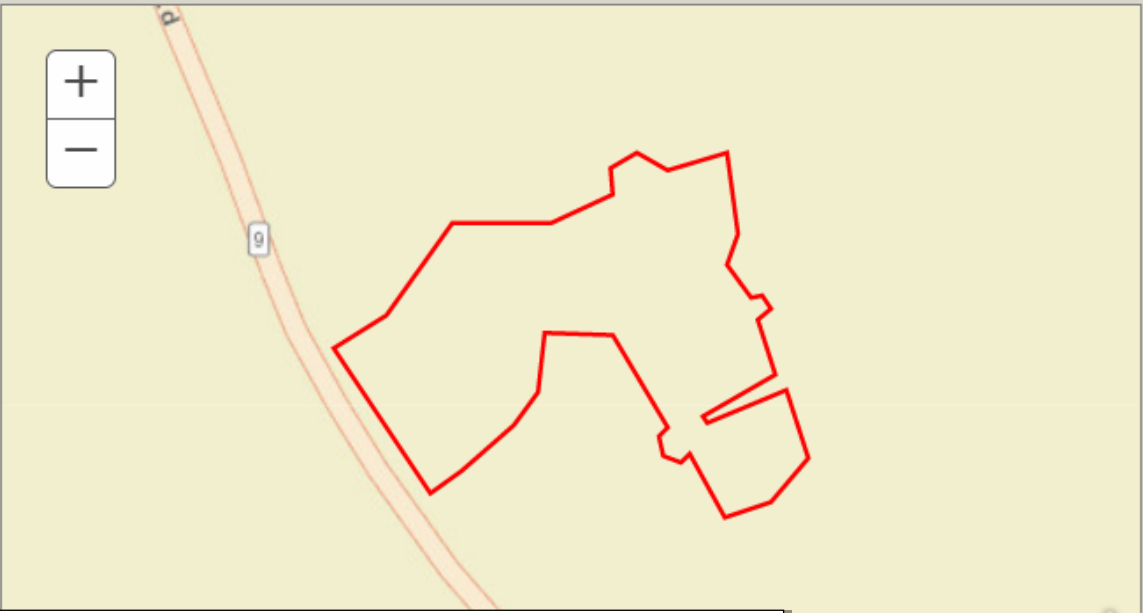
Name	City	State	ID	Owner?	Inspector?	Facilitat	Tree Farms
<a href="#">David Bowie</a>	Lisbon Falls	ME	610	Yes	No	No	<a href="#">ME-10</a> 2

Anywhere that the Tree Farm number is hyperlinked, you can view the boundary (if it exists). In the resulting pop-up window, click the **Next** button at the bottom of the page *twice* to get to the **third page**, where the boundary is stored.

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If the boundary exists, the third page will look something like the image below. Otherwise, you would see an outline of the entire state.

**Tree Farm Location**



If you are a district chair, state administrator or are the assigned inspector of this property, you will be able to edit the boundary. Clicking **Create/Update** will open the **Editor Window**.

INCREMENT ... esri

**CREATE / UPDATE**

Note that **Forested Acres** will be automatically updated from the spatial geometry whenever a spatial change is made. The value may be manually changed below if needed.

\*Forested Acres:

County:

## Viewing Spatial Data

The quickest method to view existing Tree Farm boundaries is to search for a Tree Farm property.

1. Go to **Search/Create Records → Tree Farm Properties**.
2. Search for the Tree Farm of interest.
3. From the search results select the Tree Farm(s) to view through the checkboxes.
  - a. Alternatively, you can select one Tree Farm and click the **View** button. This will display property details and a quick spatial overview in a new webpage that can be printed. Do not proceed with the next steps.
4. Click **Display Map**.
  - a. A pop-up will open; make sure you allow pop-ups.

**2 results found:**

Tree Farm	Owner	County	Acres	Type	Status	NS	Last Inspection	Last Inspector	Assigned Inspector	Certificate Number
<input checked="" type="checkbox"/> <a href="#">AL-1562</a> **	<a href="#">Paul Highbarger</a>	Bullock	129	State Program - Certification	Certified	2008	<a href="#">07/17/2008</a>	David A Schneider	None - <a href="#">Assign</a>	
<input type="checkbox"/> <a href="#">WV-1441</a> **	<a href="#">Paul Highbarger; K. S Highbarger</a>	Upshur	136	State Program - Recognition	Pioneer		<a href="#">04/05/2007</a>	Charles R. Copeland, Jr	None - <a href="#">Assign</a>	

You can view multiple selected Tree Farms with the **Display Map** button and create simple maps.

**VIEW** **DISPLAY MAP** **EXPORT CSV** **CREATE PDF** **CREATE NEW**

\*\* Indicates presence of GIS spatial data for the Tree Farm location

5. This is the **Viewer Window**; here, you can:
  - a. Create and print a basic map.
  - b. Zoom in and out (Keyboard short cuts: - +)
  - c. Pan around an area (Keyboard short cuts: arrow keys)
  - d. Select a Tree Farm to view details about it, such as last inspection, owner, status, etc.
  - e. Select a Tree Farm(s) and download the shapefile for further analysis.
  - f. Take measurements.
  - g. Overlay layers over properties

**Note:** You cannot make edits in the **Viewer Window**. This must be done in the **Editor Window** and can only done by authorized users. [See Permissions](#).

## Spatial Viewer Example

The image below demonstrates a Tree Farm Viewer Window, showing the location of each Tree Farm with spatial boundaries drawn.

1. This is the **Viewer Window**, here you can:
  - a. Create and print a basic map.
  - b. Zoom in and out (Keyboard short cuts: - +)
  - c. Pan around an area (Keyboard short cuts: arrow keys)
  - d. Select a Tree Farm to view details about it, such as last inspection, owner, status, etc.
  - e. Select a Tree Farm(s) and download the shapefile for further analysis.
  - f. Take measurements.



g. Overlay layers over properties

The screenshot shows the 'Tree Farm Viewer' web application interface. At the top, there are several tool buttons: 'Select', 'Measurements Tool', 'Create Map', and 'Display basemap'. Below these are navigation controls including 'Pan (arrow keys)', 'Zoom (+, -)', and 'Previous/Next extent'. A search bar is also present. On the left side, there is a 'Layers' panel with a list of map layers and their visibility checkboxes. Below the layers panel are sections for 'Available Layers for Viewing' and 'Quick Access Basemaps'. The main map area displays a geographical view of tree farms, represented by green tree icons, overlaid on a light-colored basemap. A scale bar is visible at the bottom left of the map. A text box at the bottom center provides instructions on zooming and selecting properties.

**Tree Farm Viewer**

**Select** **Measurements Tool** **Create Map** **Display basemap**

**Pan (arrow keys)** **Zoom (+, -)** **Previous/Next extent** **Change Basemap**

**Layers**

- ATFS - Tree Farm Locations
- ATFS - Tree Farm Boundaries
  - Certified/Recognition
  - Pioneer
  - Decertified
  - Member
  - Others
- Parks
- Federal and Indian Land Areas
- Counties

**Available Layers for Viewing**

**Quick Access Basemaps**

Basemaps

- Imagery with Labels
- Streets

As you zoom in, boundaries for individual properties will begin to appear. These properties can be selected (pointer icon) and more closely viewed. A simple map can be created, as well.

# Tree Farm Viewer

1

2

3

Show Selected and Show All toggle

Address search: cannot search by Tree Farm number here

Press down to start and let go to finish

Layers Results

Download Clear All

ATFS - Tree Farm Boundaries (1)

**Tree Farm**

MT-3017

Big Lost Creek Rhodes Draw

Change Basemap

Basemaps

Imagery with Labels Streets

0 0.2 0.4mi

Source

1. With the **Select** tool, I have dragged the mouse to create a rectangle and select the property.
2. In the **Results Tab**, the selected property(ies) can be clicked to view more details and the shapefile can be downloaded.
3. When specific Tree Farms have been selected for display, you can toggle between showing all properties and the selected properties.

## Creating a Single Tree Farm Boundary

The boundary for a Tree Farm is stored with the other property details, such as acreage, location, etc., that you are familiar with. A Tree Farm boundary can only be created by users with [certain permissions](#) and in the **Editor Window**.

To access the **Editor Window**:

1. The Tree Farm must already exist.
2. [Search for the Tree Farm Property](#)
3. In the search results, open the property of interest.
4. In the resulting pop-up window, click the **Next** button at the bottom of the page *twice* to get to the **third page**, where the boundary is stored.

250 results found:

Tree Farm	Owner	County	Acres						
<input type="checkbox"/> <a href="#">ME-10</a> **	<a href="#">David Bowie</a>	Androscoggin	3						
<input type="checkbox"/> <a href="#">ME-1062</a>	<a href="#">James Steele;</a> <a href="#">Agnes Steele</a>	York	308						
<input type="checkbox"/> <a href="#">ME-107</a> **	<a href="#">Mary Leavitt</a>	Androscoggin	107	Program - Certification			Rabon	<a href="#">Assign</a>	
<input type="checkbox"/> <a href="#">ME-120</a>	<a href="#">Fred Stone;</a> <a href="#">Laura Stone</a>	York	35	State Program - Certification	Member	<a href="#">11/01/1997</a>	Joel F Tripp	<a href="#">None - Assign</a>	

The search results generated by the **Search/Create → Tree Farm Properties** menu allow you to select multiple properties, but only one property boundary can be created at a time.

To create a boundary for ME-1062, I would click on the **Tree Farm number**, navigate to the last page of the pop-up window. Then click **Create/Update** to open the Editor.

The properties with boundaries have a double asterisk: \*\*

**VIEW** **DISPLAY MAP** **EXPORT CSV** **CREATE PDF** **CREATE NEW**

\*\* Indicates presence of GIS spatial data for the Tree Farm location

Anywhere that the Tree Farm number is hyperlinked, you can get to the Editing window. If there is no boundary you will see a general outline of the state:

Create or Update Tree Farm Location

\* = Required fields

Tree Farm Location



CREATE / UPDATE

After clicking **Create/Update**, the **Editor** will pop up and zoom into the county where the property is located.

**Tree Farm GIS Editor**

3 Hold the Ctrl-key to enable snapping (Cmd-key on Mac)

2

1

1. The map will start zoomed in on the county where the property is listed as being located. Here I have turned on the county layer.

2. If you know the address/coordinates of the property or a landmark to get you zoomed in close to the property, enter it in the **Search** bar to start.

3. When ready to start drawing, click the **Create New** icon in the top bar.

# Tree Farm GIS Editor

Hold the Ctrl-key to enable snapping (Cmd-key on Mac)

1. Imagery with Labels

2. Click to start drawing

3. Click to start drawing

4. Snapping is available on the layers while they are tuned on, with the CTRL key

1. I have changed the basemap to Imagery with Labels to get a better view of the forest boundary.

2. Once you are zoomed in enough, to start drawing, click the **Create New** icon. Your mouse pointer will say "click to start drawing."

3. Begin clicking to drop a vertex point. Double click to close the polygon.

4. Snapping is available on the layers while they are tuned on, with the CTRL key

# Tree Farm GIS Editor

1. The vertices can be refined with the **Edit Vertices** tool.

2. Click and drag each vertex to the desired position.

3. When finished, click **Save and Exit**. Clicking **Exit** without saving will prompt you to save first.

4. The lat/long and acreage of the property will be updated to reflect what has been drawn.

1. Edit Vertices

2. Save and Exit

3. Save and Exit

Source: Esri, DigitalGlobe, GeoEye, Earthstar ...

POWERED BY esri

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### Create or Update Tree Farm Location

Back in the Tree Farm record: The location and acreage of the property will be updated to reflect what has been drawn. This can be overwritten. Be sure to save this record, as well.



**CREATE / UPDATE**

Note that Forested Acres will be automatically updated from the spatial geometry whenever a spatial change is made. The value may be manually changed below if needed.

\*Forested Acres:

## Editing a Single Tree Farm Boundary

A Tree Farm boundary can only be edited by users with [certain permissions](#) and in the **Editor Window**.

To access the **Editor Window**:

1. The Tree Farm must already exist.
2. [Search for the Tree Farm Property](#)
3. In the **Search** results, open the property of interest
4. In the resulting pop-up window, click the **Next** button at the bottom of the page *twice* to get to the **third page**, where the boundary is stored.
5. Click the **Create/Update** button to launch the **Editor Window**.
6. Once in the **Editor**, there are a few tools to edit a polygon:
  - a. **Edit Vertices**: Allows you to drag and adjust the location of vertices.
  - b. **Add Part**: Allows you add on a polygon to the existing polygon. This may lead to non-contiguous parcels if the two parts don't overlap.
  - c. **Remove Part**: Removes part of the existing polygon. This is good for when part of a property has been removed from the ownership.

**Tree Farm GIS Editor**

Hold the Ctrl-key to enable snapping (Cmd-key on Mac)

Layers

- ATFS - Tree Farm Location
- US - Counties
- PLSS from BLM.GOV
  - State Boundaries
  - PLSS Township
  - PLSS Section
  - PLSS Intersected

Basemaps

- Imagery with Labels
- Streets

Once in the **Editor**, there are a few tools to edit a polygon:

- Edit Vertices**: Allows you to drag and adjust the location of vertices.
- Add Part**: Allows you add on a polygon to the existing polygon. Good for when the acreage has increased. This may lead to non-contiguous parcels if the two parts don't overlap.
- Remove Part**: Removes part of the existing polygon. This is good for when part of a property has been removed from the ownership.

Hover over each icon to see the name of the icon you need.

Source: Esri, DigitalGlobe, GeoEye

## Viewing All Tree Farms for Your State

From the Tree Farm **Properties** menu, you can view the location of all the Tree Farms (all that have had boundaries drawn) in your state for a quick review:

**LOG OUT** **HOME** Searching Tree Farms

Privacy Statement  
No Harassment Policy  
Verify Certifications  
User Guide (pdf)  
**User Profile** ▶  
**Administrative** ▶  
**Delete Records** ▶  
**Search/Create Records** ▼  
Individual  
Facilitator  
Inspector  
**Tree Farm Properties** 1  
**Inspections** ▶  
**Tree Farm Reports** ▶  
**Tree Farmer Reports** ▶  
**Facilitator Reports** ▶  
**Administrative Reports** ▶  
**National Reports** ▶  
**Group Reports** ▶  
**Group Reports** ▶  
**Training** ▶

### Search Tree Farms:

Tree Farm State: Montana 2

Tree Farm Number:

Tree Farm County: All counties  
Unknown  
Beaverhead  
Big Horn

Tree Farm District: All districts

Owner Last Name:

Owner First Name:

Owner Organization:

Owner Member ID:

Owner State: All States

Owner County: All counties

**SEARCH** **DISPLAY MAP** 3

To select multiple counties..  
Mac: Cmd+Click  
PC: Ctrl+Click

1. Go to **Search** → Tree Farm Properties.
2. Choose the Tree Farm State.
3. Click **Display Map** to launch viewer.

Clicking **Display Map** will launch the **Tree Farm Viewer** window showing the location of each Tree Farm. This map can be printed for sharing. The shapefile can also be downloaded for further spatial analysis or edits. [See Downloading Shapefile.](#)



# Tree Farm Viewer

The screenshot shows the Tree Farm Viewer interface. At the top, there are navigation buttons: a hand icon, a magnifying glass, a mouse cursor icon (circled with '1'), left and right arrow icons, a 'Measure' button, a 'Print Map' button (circled with '3'), and a 'Show Selected' button. Below the navigation is a 'Layers' panel with a 'Results' tab (circled with '2'). The 'Layers' panel includes 'ATFS - Tree Farm Locations', 'ATFS - Tree Farm Boundaries' (with sub-layers for Certified/Recognition, Pioneer, Decertified, Member, and Others), 'Parks', 'Federal and Indian Land Areas', 'Counties', and 'PLSS from BLM.GOV' (with sub-layers for State Boundaries, PLSS Township, PLSS Section, and PLSS Intersected). At the bottom left, there are two basemap options: 'Imagery with Labels' and 'Streets'. A text box on the right contains the following instructions:

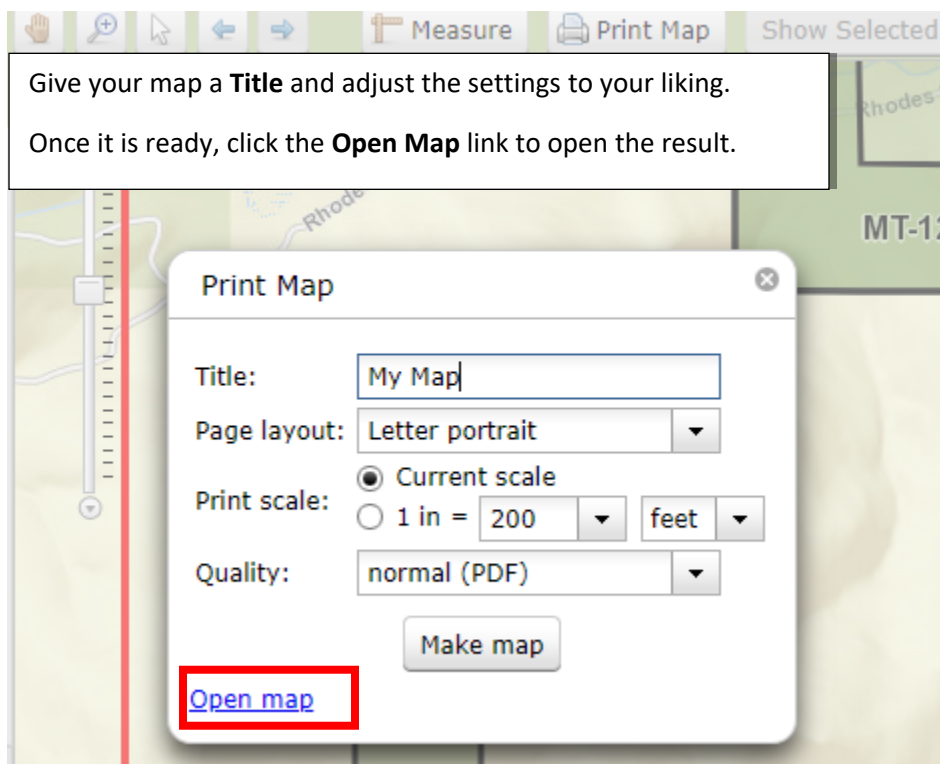
1. The **Select Tool** lets you see more details about the selected properties.
2. The selection results are in the **Results Tab**. From here, you can also download the .SHP files for the selected properties.
3. You can also create a basic map of what is being displayed with the **Print Map** button.

As you zoom in closer, you will start to see boundary lines and the status of each Tree Farm.

## Creating a Basic Map for a Single Property

The simplest way to create a basic map for a single property in particular is to search for the property of interest and open its boundary through the Tree Farm record.

1. The Tree Farm must already exist.
2. [Search for the Tree Farm Property](#)
3. In the Search results, open the property of interest.
4. In the resulting pop-up window, click the **Next** button at the bottom of the page *twice* to get to the **third page**, where the boundary is stored.
5. Click the **Create/Update** button to launch the **Editor Window**.
6. Once in the **Editor**, the basemap, shading of the property, and layers visible can be changed to customize the map.
7. click the **Print Map** button to get the following window:



## Creating a Basic Map for Multiple Tree Farms

If you want to create a map that contains multiple Tree Farms, it is easiest if they have something in common, such as a common owner, but not required.

Note: If the properties are far apart from each other, their boundaries may not be visible. If that is the case, separate maps are suggested. Some guidelines:

1. The Tree Farms must already exist.
2. [Search for the Tree Farm Property](#), in the **Search** → **Tree Farm Properties** menu.
  - a. Search by the feature that they have in common, such as owner, county, etc.
3. In the **Search** results, select the properties that you want to display using the check boxes.
4. Click **Display Map**.
5. Use **Print Map** button to create a basic map.

Tree Farm Properties

Inspections

1. In this example, I searched by the owner's Member ID. This person has two properties in different states.
2. Select the properties to display. In this case, I wanted to see all the properties this person owns.
3. Click **Display Map**

Administrative Reports

National Reports

Group Reports

Group Reports

Training



American Forest Foundation



Owner Organization: [dropdown]

1 Owner Member ID:

Owner State:

Owner County:

To select  
Mac: Cmc  
PC: Ctrl+

**SEARCH**

2 results found:

2

Tree Farm	Owner	County	Acres	Type	Status	NS
<input checked="" type="checkbox"/> <a href="#">AL-1562</a> **	<a href="#">Paul Highbarger</a>	Bullock	129	State Program - Certification	Certified	2008
<input checked="" type="checkbox"/> <a href="#">WV-1441</a> **	<a href="#">Paul Highbarger;</a> <a href="#">K. S Highbarger</a>	Upshur	136	State Program - Recognition	Pioneer	

3

**VIEW** **DISPLAY MAP** **EXPORT CSV** **CREATE PDF**

\*\* Indicates presence of GIS spatial data for the Tree Farm location

# Tree Farm Viewer

**Layers**



- ATFS - Tree Farm Locations
- ATFS - Tree Farm Boundaries
  - Certified/Recognition
  - Pioneer
  - Decertified
  - Member
  - Others
- Parks
- Federal and Indian Land Areas
- Counties
- PLSS from BLM.GOV
  - State Boundaries
  - PLSS Township
  - PLSS Section

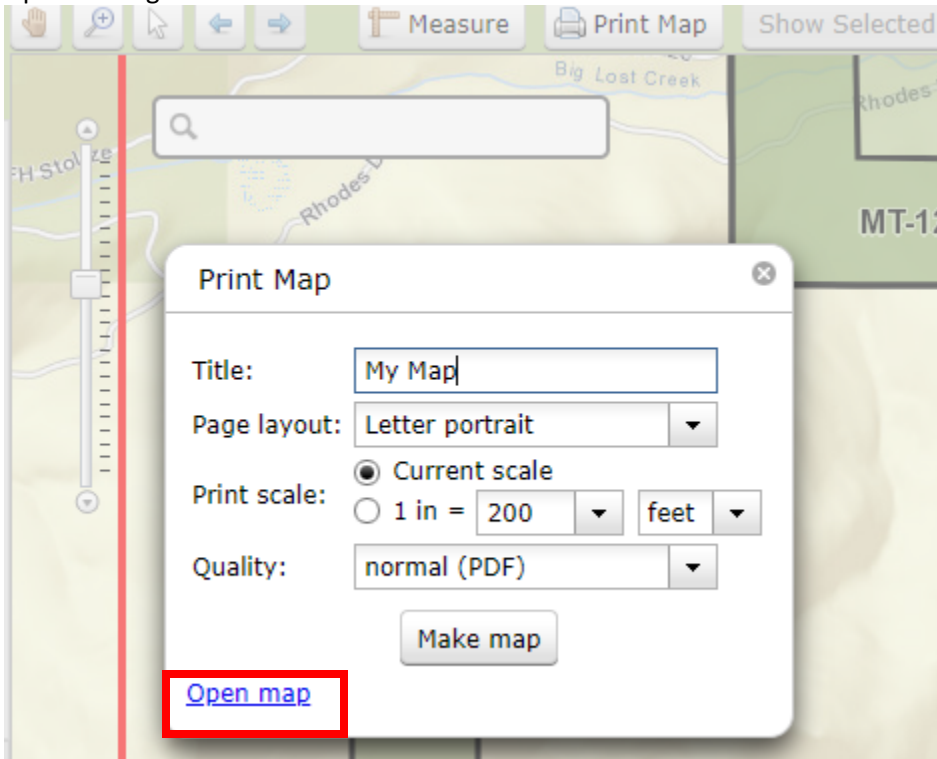
This example has two properties that are very far from each other. As such, the boundaries are not viewable at this scale and a map at this scale would not be helpful. In this case, I would create two separate maps.



If the scale was appropriate, I could create a map by clicking the **Print Map** button.  
The basemap, shading of the property, and layers visible can be changed to customize the map.

**Basemaps**

-  Imagery with Labels
-  Streets



## Downloading Layer Data for Your State (Shapefiles)

1. Go to **Search/Create Records** → **Tree Farm Properties**.
2. **Search** for the Tree Farm(s) of interest.
3. From the **Search** results, select the Tree Farm(s) to view with the checkboxes.
4. Click **Display Map** to launch **Tree Farm Viewer**.
5. Use the **Select Tool** to refine or select all the Tree Farms of interest.
6. In the **Results Tab** click the **Download** button to begin download.

