

# PastureWatch™

---

## Setting up PastureWatch for people without PAM software

### The First Job

Before anything else can happen you must enter your list of farms and paddocks. Here are the steps:

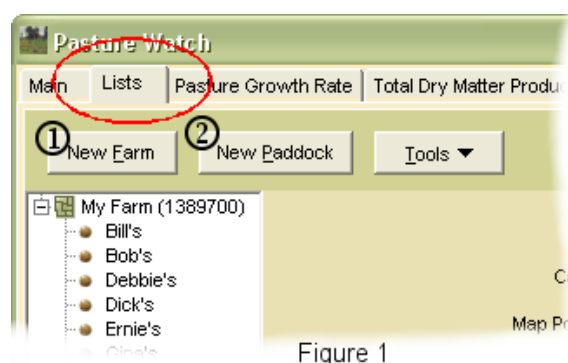


Figure 1

You will see a set of “Tabs” across the top of the PastureWatch screen. Click on the “Lists” tab (see circled in Figure 1)

Starting with your Farms:

1. click on the **New Farm** button see ① in Figure 1. This will display the following dialog box ...



2. Enter the farm name. Then click **OK**.

Repeat steps 1) and 2) until all farms are entered.

Now, let's enter the list of paddocks:

1. Click on the **New Paddock** button (see Figure 1, ②)

You will then see the following dialog box...

**Add a Paddock**

**Paddock Maintenance**

Paddock is located on farm: My Farm

Name of new paddock: \_\_\_\_\_

Total Area: \_\_\_\_\_

Calculated Area: \_\_\_\_\_

Map Polygon Number: \_\_\_\_\_

Optimum Minimum FOO at Break of Season Before Grazing: \_\_\_\_\_ Kg/Ha

Growing Season FOO Low Watch Point: \_\_\_\_\_ Kg/Ha

Growing Season FOO High Watch Point: \_\_\_\_\_ Kg/Ha

Optimum Residual FOO at End of Season: \_\_\_\_\_ Kg/Ha

Paddock in crop last year:

Paddock in crop this year:

Use Defaults

Cancel OK

2. Select the farm using the pick list of farms
3. Type in the paddock name
4. Enter the paddock area (optional ... the mapping system will automatically calculate the paddock areas later)

The calculated area and paddock polygon number cannot be entered ... they will be automatically generated by PastureWatch later.

You could leave the rest of the fields

That is, Optimum minimum FOO, growing season FOO Low Watch Point etc. We will come back to them later in the manual.

5. Click OK to save the paddock information ... then repeat steps 1 – 5 until all paddocks for all farms are entered.

## The Second Job

Having set up your lists of farms and paddocks, you must now get your paddock boundaries ready to send to Fairport.

Satellite images for the purpose of drawing paddock boundaries can be obtained from Fairport or one of its PastureWatch consultants.

The process of obtaining a satellite image can be performed by a PastureWatch consultant while on your farm, or via a telephone conversation with you and an exchange of faxes.

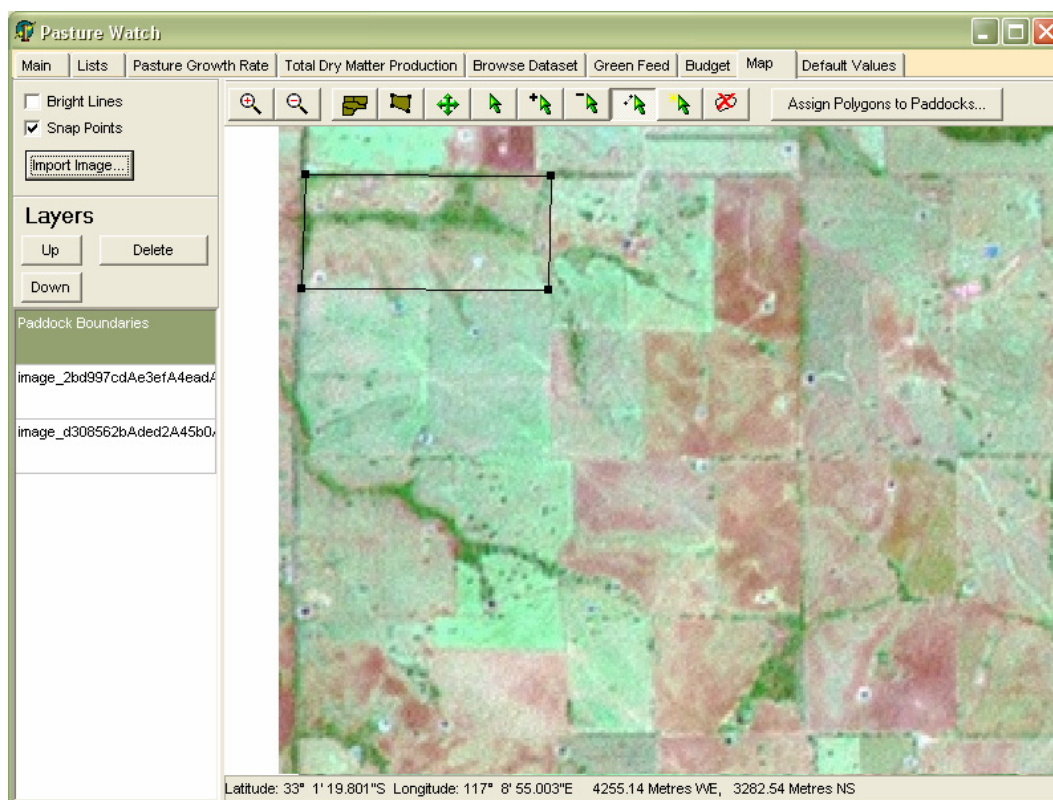
If you require a PastureWatch consultant to visit you to help you through this process and any training you may require in the use of PastureWatch, please let Fairport know via email, phone or fax. Perhaps you could write a message on the fax that you send to register your PastureWatch program.

If you feel that you could do the next steps yourself, you can call Fairport to obtain your farm satellite image(s). We will work with you to establish where your farm is (using nearest town, location numbers etc.) and send you a satellite image which will be ready to import into PastureWatch.

## Importing the farm image

Go to the “Map” tab

Click on **Import Image ...** the image will load and appear on your screen.



## Navigating around the map

### Zooming In

There are two ways to zoom in on the map. Zooming in allows you to focus on a smaller area of the map.

#### ***Method 1 : We call it “Right Mouse Zooming”***

Decide which area of the map you would like to zoom in on... then, move the mouse cursor to the top left corner of that area, hold down the RIGHT mouse button and drag the mouse down to the bottom right corner of the area. You will see the area you have selected outlined on the screen.

Release the RIGHT mouse button and the screen will redraw with the area selected, enlarged to the display area size.

#### ***Method 2***



Select the “Zoom In” button from the main toolbar. This will enlarge the map by 20%

### Zooming Out

Zooming out allows you to see more of the map.

**Method 1**

Select the “*Zoom Out*” button from the toolbar. This reduces the zoom by 20%

**Method 2**

If you want to zoom out to the full scale view the quickest way to do this is to click your left mouse button on the “*Reset View*” button on the tool bar.

**Zooming to Full View**

Click this button to revert your zoom to the full view (that is your currently selected view).

**Zooming to a Selected Object**

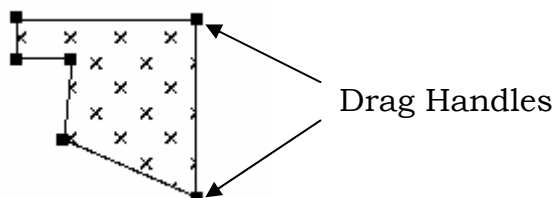
Click this button to zoom to an object that you’ve selected.

How do you select an object?... You make sure you have the



“*Selector*” button down then click on the object (always with the left mouse button). You’ll know when you’ve selected an

object... its “*Drag Handle(s)*” will be on show. You’ll find the “*Selector*” button will be your most useful button.

**Panning**

Panning is the name for moving the map about the screen.

To pan, select the “*Drag View*” or “*Panning*” button on the tool bar...



click the left mouse button on the map and holding it down,

drag it in whichever direction you like... Notice that the mouse


cursor changes to a small Hand shaped object... The map will move with your mouse. The best way to understand this functionality is to experiment with it. You will soon discover how simple it is.

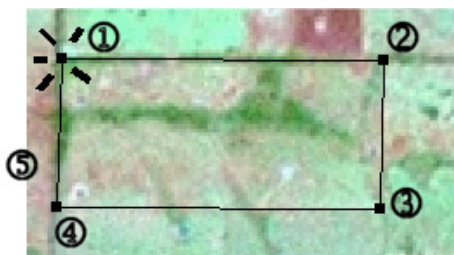
## Drawing Tools

Pan, Select, Add Points, Delete Points, Move points, New Paddock, Delete Paddock



## Drawing Your Paddocks

Zoom to the paddock you want to draw first ... then Click the New Paddock button  then click on one corner of the paddock with your left mouse button... then the next corner... then the next and continue until you have clicked on every corner ... Then click your Right mouse button to end (or close) the paddock.



- (1) Click Left mouse button
- (2) Left Click again
- (3) Left Click again
- (4) Left Click again
- (5) Click Right mouse button

Please Note: Given that the purpose of drawing these boundaries is to obtain pasture growth rate data for the enclosed area, you may not want to draw the actual fenced boundaries ... but rather the arable or pastured areas. This is your decision to make.

If you have drawn your areas and at a later date decide to change the layout, simply make the changes to your map and send them again. See page 8 in reference to sending your paddock boundaries.

## Snapping

When you are drawing paddocks with common boundaries (fence posts) ... turn Snap on to ensure the points are in the same place.

Snap Points

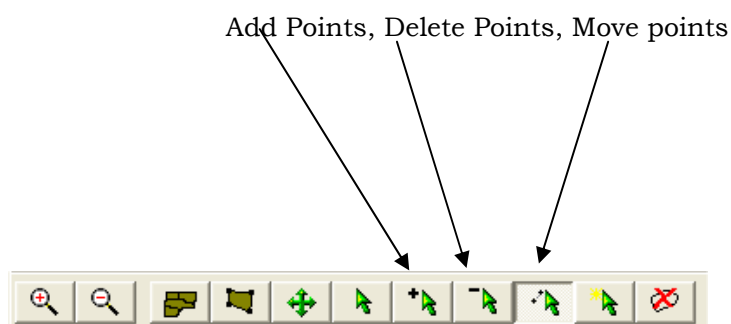
Using snap makes a much neater job of your map when you are drawing adjoining paddocks.

## Bright Lines

Bright Lines

If black paddock boundaries are difficult to see on your farm image, try turning on “Bright Lines” ... the paddock boundaries will be yellow.

## Fine tuning your paddock boundaries



Use the buttons shown above to fine tune your paddock boundaries ... Please experiment with these options. Their functionality will become obvious with a little practice.

## Linking your paddocks to their map polygons

When you have all paddock boundaries drawn, click on the

button to link the polygons to their paddock names.

The process you must follow is this:

Left click on a paddock polygon, choose the paddock name from the list that appears, click OK.

Repeat these steps until all paddocks are linked to their polygons.

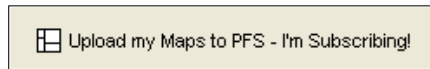
As you follow these steps you will see all the paddock polygons fill with yellow.

When all paddocks are yellow you have finished.

## Subscribing to the Pastures from Space Service

Now you are ready to subscribe!

On the “Main” tab of PastureWatch you simply click the



button.

Behind the scenes your map data will be sent via the internet to Fairport and sometime within the next day or so, you will be contacted. An invoice will be faxed to you and upon receipt of payment, you will be ready to start downloading data.