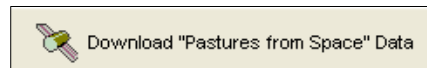


PastureWatch™

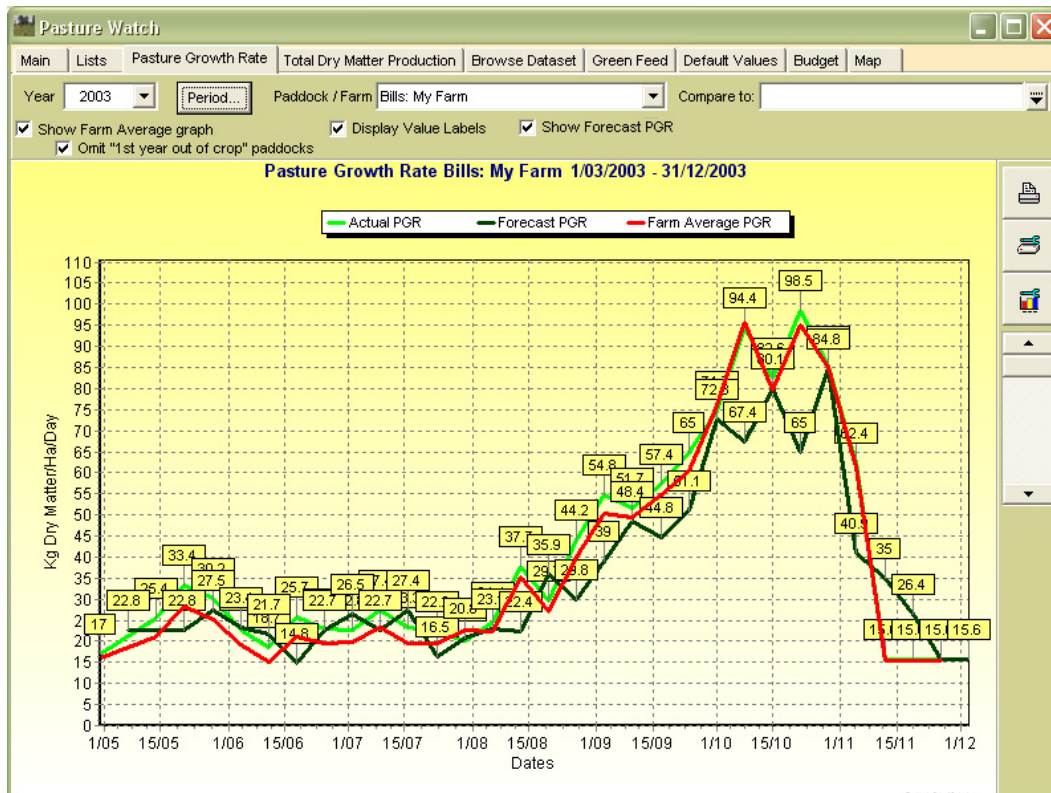


Downloading the Pastures from Space data

Simply click on the **Download “Pastures from Space” Data** button on the main PastureWatch screen a weekly basis. The new data will be generated each Thursday morning, so you should be able to get fresh data each Thursday afternoon.

Viewing the Pastures from Space data graphs

The PGR graph



This graph can be found on the “Pasture Growth Rate” tab. (In PAM go to *Reports / Paddock Reports & Graphs / Pasture Growth*)

It shows the calculated pasture growth rates in Kg of Dry Matter per Hectare per Day for a selected paddock in a selected year. Select the year, select the paddock ... the graph will automatically display. Forecast PGR (the estimated PGR seven days ahead) may not be available in 2004. If it is, it can be displayed using the “Show Forecast PGR” check box. Show Forecast PGR

The farm average PGR can be displayed by checking the “Show Farm Average” check box. Show Farm Average graph

When showing the farm average graph, you may like to exclude paddocks that are in their first year out of crop (the stubble paddocks)... If so, check the “Omit the 1st year out of crop paddock” check box. Omit "1st year out of crop" paddocks

The yellow data labels on the graph which show the data values at each point or date can be turned off or on by toggling the “Display Value Labels” check box. Display Value Labels

To print a graph

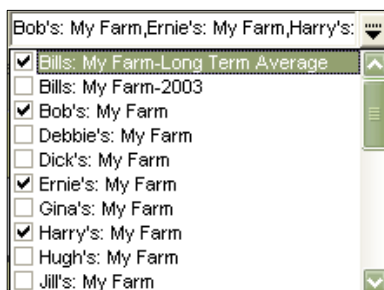
Ensure your printer is switched on, has ink and is set as your default printer under the settings in your Windows™ system settings.

Then simply ... Click on the printer button



Advanced Users

You may like to compare the paddock on your currently displayed graph with another paddock or paddocks... or perhaps, if you have more than one year's data ... you may like to compare the paddock with itself in previous years.



The “Compare to” pick list enables you to check as many of the above choices as you like... As you select each choice, the graph is instantly updated. The graph legend is also updated so you can the colour PastureWatch has allocated to your choices.

The Total Dry Matter Production graph

(In PAM go to *Reports / Paddock Reports & Graphs / Feed of Offer and Total Dry Matter*)

This graph shows

- Cumulative calculated pasture growth (total production) over the selected period and ...
- FOO (Feed On Offer) if the data is available from Pastures from Space, and ...
- Percentage Utilisation of the pasture (if the FOO data is available).

As with the PGR graph, there are options that you can use to refine your graph.

The yellow data labels on the graph which show the data values at each point or date can be turned off or on by toggling the “Display Value Labels” check box. Display Value Labels

The feed on offer graph and feed on offer watch limits (see next title) can be shown or hidden by using the appropriate check boxes

Feed On Offer Watch Limits (Advanced Users)

Optionally you can set your personal watch points for

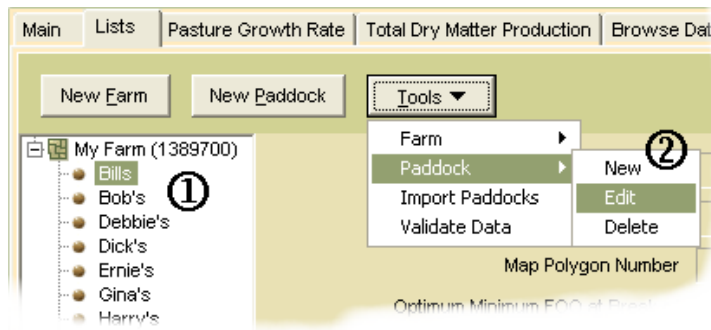
- Optimum minimum FOO at the break of the season
- Optimum growing season Low watch point (the point where you might want to move stock out of a paddock)
- Optimum growing season High watch point (the point where you might want to move stock into a paddock)
- Optimum residual FOO at the end of the growing season (the pasture cover you require to get you safely through to the next growing season)

These values are used to display horizontal lines across the Total Dry Matter Production graph so you can see how your FOO levels compare to your watch limits. They enable you to quickly see which paddocks need your attention.

These watch point values can be set up as PastureWatch default settings on the “Default Values” tab.

Once they are set there, they can be used to update the paddock by paddock watch limits. The paddock by paddock watch limits are set

on the “Lists” tab, however you can use your default settings across all paddock by simply clicking the **Apply to all Paddocks** button ... To set a paddocks’ watch limits, edit the paddock details ... by either double clicking on the paddock’s name in the outline list See ① below ... or...



Or choosing Tools / Paddocks / Edit See ② above

Then either add in your paddock’s individual watch limits or Click on the Use Defaults button to apply your default settings that you set up on the “Default Values” tab to the current paddock.

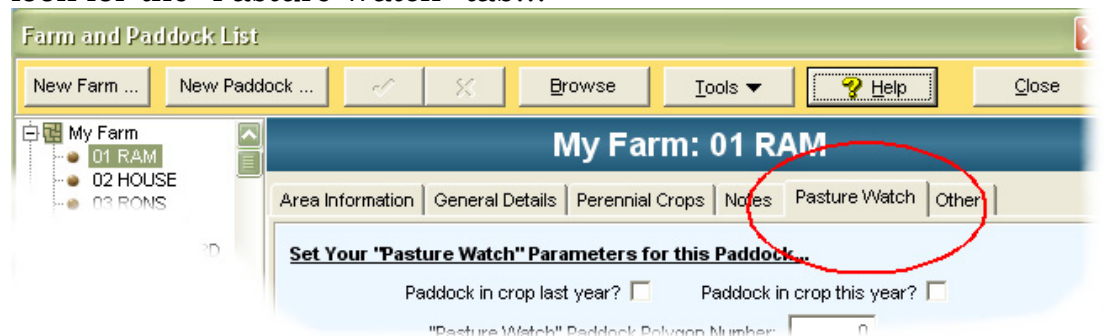
 A screenshot of the 'Add a Paddock' dialog box. The title bar says 'Add a Paddock'. The main area is titled 'Paddock Maintenance'. It contains the following fields and controls:

- 'Paddock is located on farm' with a dropdown menu set to 'My Farm'.
- 'Name of new paddock' with a text input field.
- 'Total Area' with a text input field.
- 'Calculated Area' with a text input field.
- 'Map Polygon Number' with a text input field.
- 'Optimum Minimum FOO at Break of Season Before Grazing:' with a text input field and 'Kg/Ha' label.
- 'Growing Season FOO Low Watch Point:' with a text input field and 'Kg/Ha' label.
- 'Growing Season FOO High Watch Point:' with a text input field and 'Kg/Ha' label.
- 'Optimum Residual FOO at End of Season:' with a text input field and 'Kg/Ha' label.
- 'Paddock in crop last year' with a checkbox.
- 'Paddock in crop this year' with a checkbox.
- 'Use Defaults' button.
- 'Cancel' button with a red X icon.
- 'OK' button with a green checkmark icon.

Setting the “In Crop” status of a paddock

While editing a paddocks details ... (see above), you can check the “Paddock in crop last year” or the “Paddock in crop this year” check boxes.

In PAM you should go to *Configuration / Farms and Paddocks List* and look for the “Pasture Watch” tab...

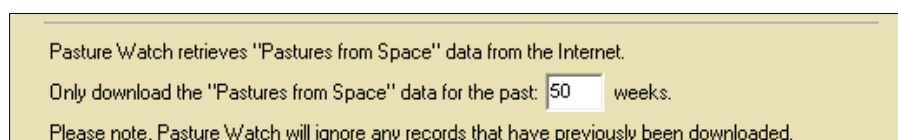


When displaying your PGR and Total Dry Matter Production graphs, PastureWatch will exclude paddocks which you have checked as being in crop this year.

Paddock that are checked as in crop this year will be excluded from the farm average PGR graph data on the PGR graph. (See page 1)

Paddock which are stubble (in crop last year) can be either included or excluded from the data which generates the FOO graph on the Total Dry Matter Production graph. PastureWatch will “know” which paddocks to ether include or exclude by “looking” at these two check boxes.

Default “weeks” setting for downloading PGR data



This setting can be found on the “Default values” tab.

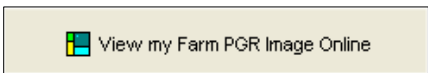
Just in case you forget to download your Pastures from Space data for several weeks, you can choose to set the number of weeks in arrears that you want PastureWatch to download.

It is recommended (to save time downloading) that you leave this set at 3 weeks.

Note that PastureWatch will not double up on your data if you download data more than once. PastureWatch will only add data from the weeks you have not previously downloaded.

Other information that can be entered on the “Default Values” tab will be discussed in the Pasture Budgeting section.

Viewing your farm PGR maps



To view your updated farm PGR maps, click on the **View my Farm PGR Image Online** button on the main PastureWatch screen.

... and select your farm (if you have more than one) ...to see your farm like this:

