

VegMachine Quick Guide (Mobile)

Access VegMachine for free at
<http://vegmachine.net/>

VegMachine is an online tool to summarise decades of satellite data over Australia quickly and easily. It is available as a mobile app and for desktop use. With VegMachine you can:

- view satellite datasets of vegetation cover from 1988 onwards
- measure vegetation cover, fire and rainfall data through time for user-defined areas
- generate comprehensive ground cover monitoring reports for Queensland



Queensland
Government

'Installing' VegMachine as a Web Application

VegMachine will work in a mobile browser, but for the best experience it should be installed as a mobile web application.

To do this, simply share the web page with your mobile desktop and then launch the application using the created desktop icon.

The initial load may take a little longer than is typical, so please be patient.

Selecting a Region

If your area of interest lies in Queensland, be sure to activate the Queensland region button for more products and tools. You will find this under the main menu.



Key Functions

Display

Select the Display window by clicking the 'Display' tab, once to activate the window and a second time to display the product menu. After selecting a product, you can then:

- Explore back and forth through time using the time slider.
- Change the transparency of the satellite dataset using the transparency slider.
- Access the legend via clicking the legend button.
- View property boundaries via the Vector Overlays option (Queensland only)
- Use Map Tools to search for a location or import your own spatial data



Chart

You can summarise satellite data over a particular area using the 'Chart' tab. Click once to activate the chart window and a second time to display the product menu.

Create and select an area of interest

- Create a polygon either by uploading a spatial file (via Map Tools found in the main menu), using the polygon tool to manually draw an area, or the marker tool to make 1 ha circle around a point.
- Select your area of interest by clicking on your chosen polygon. You can select multiple polygons by using the multi-select tool. Selected polygons will change to pink.

Extract and summarise data

- 'Basic' charts show one dataset over time.
- 'Advanced' charts allow more customisation.



- The 'Combine' option shows data from all selected polygons as single area, while the 'Compare' option allows for comparison between two or more selected polygons.
- Click on the chart legend to turn individual datasets on and off.
- Pinch and zoom on the chart to focus on a particular time period.
- The map display is synced with the chart. Click on a particular datapoint to change the display to the relevant satellite product and specific date within the time series.
- Once the chart is made, the underlying data can be downloaded via the chart context menu, found in the top right of the chart window.



Available Datasets

VegMachine has a number of satellite derived vegetation datasets available for data extraction. For details, please refer to the manual (found under 'Support' in the main menu) and the metadata links next to each product in the product menu.

Further Help

Further help can be found under 'Support' and 'Video Tutorials' available from the main menu.

