Welcome to the Agriculture Victoria soil moisture monitoring website.

Here you will find all the data from our cropping pasture soil moisture probes.

In this video I will show you some quick tips to how to navigate our new site.

First up we will start here on the home page and our awesome new map, which shows each of the probes and their location.

If you are just looking for cropping sites, you can turn on just cropping or just grazing.

Depending on what suits you.

When you hover over each of the sites is will show you the name of that site.

And then when you click on that site it will give you some more information.

So that includes today’s rainfall, yesterdays rainfall. The soil temperature at 9am and the speedo.

The speedo compares current, one month ago and one year ago soil moisture conditions.

The other awesome feature on this map is the ability to bring up the BoM AWRA soil moisture model.

Behind our probe locations and this ensures you can compare the actuals at the probes to the modelled amounts.

So for this example these is a stretch here between Charlton and Bendigo that is quiet wet.

And if we click on the Serpentine probe it shows that yes it is very wet in that area.

With the soil moisture speedo saying that the paddock is 100 per cent saturated.

When you’re on this site you can either go through the more resources page to go to grains, meat and wool or dairy probes.

Or you can select and click on the probe that is relevant to you and then press more details.

When you go to more details, this is where you will find more in depth breakdown of all information about that site.

Including some information about the soil break down and history.

The current and historical yields, and varieties grown on that site.

And also the up to date daily data.

For example here at the Brim site we have shown that the site is a clay loam with an average rainfall of 393 mm.

As you scroll down you will see again the speedo.

But here we also have the breakdown of the moisture at each sensor type from the top sensor to the bottom.

So for cropping paddocks that will be starting at 30 cm, for the pasture paddocks that will be at 10 cm.

You can clearly see here at the Brim site at the moment that the top of the profile is quite wet, as you go down the drier it gets.

Another new feature of this website is the soil temperature at 9 am. This little temperature gauge here will tell you exactly what that temperature is.

The other new feature is integrating some of the great work Dale Grey does with the Fast Break.

This is just the one to three month rainfall outlook for all of Victoria.

For more information about that graph you need to go to the details here section.

As we go down you will see the graphed information for the sites.

This is the summed soil moisture line.

You can use some of these features up here on the right to help interrogate that data.

I personally like this toggle function which enables you to compare this time last year or this time at a date to when it was last at that amount.

So for example if we go right to the top, or nearly to the top.

It was 100 per cent full on the 9th of August and then it was again on the 16th of July.

As we scroll down you will also see the individual sensors.

So these are the amounts for each of the individual sensors down the profile.

Starting at 30 and going to 100 for cropping and starting at 10 for the pasture sites.

If you don’t want to use any of these functions any more, so for example if I turned on the toggle and I decided actually I don’t like that function, just press the home and it will remove that function for you.

As we go down the page you will get the rainfall information either in a graph format or the daily numbers.

Showing the rainfall for that year.

And also a comparison between the site for this month and the long term average at the closest BoM site.

So for example here at the Brim site the closest BoM site is the Warracknabeal one.

The last graph on this page is the stacked soil temperature graph, showing the individual sensor data for each day.

If you want to see this a bit closer you can just select a time period, so if you just want this period here that gives you a better idea of seeing what it was on the 7th of July.

If you really want to get closer to the 7th of July you can go in and in and in as you like.

Again use the home button if you want to re-stack the graph.

The other awesome thing about this site is where we do have particle size assessments we are showing you that information.

We are also giving a bit more information about the soil characteristics.

And the historical yields.

The other function of this new website that will enable you to learn more, is being able to talk to some of our experts here at Agriculture Victoria.

So by selecting the ask the expert function you will see seven photos of your possible contacts within Agriculture Victoria.

Just make sure you have a look at their bios to see if they are relevant to dairy, cropping or pastures.

The other option for asking questions is using the Q and A function.

Here you will find some question that have already been asked and answered, but you also ask your own.