

Pasture Smarts: Game changing pasture technology

Partner up with DairyFeedbase to contribute to a more resilient dairy industry.

Efficient utilisation of pasture on farm is one of the keys to farm profitability, but accurate measurement is an on-going challenge. The Pasture Smarts project is working to provide the tools and technology to help you better manage day to day pasture activities across your farm, saving you time and money.

Want to test new technology? Are you ready to go digital in the paddock and back at the office? Do you want to help design a pasture management system that works for you?

We need partner farms to help improve our new pasture management mobile app. We currently have 21 farms across Victoria that have provided great information that has helped in developing the technology, and now we're seeking to test the app with a wider group of farmers across Australia.

If you're keen to be involved, you will get your farm mapped and gain access to a prototype mobile app and dashboard. The app and dashboard will show you daily pasture yield data per paddock and will also give you the option to enter pasture activity information that happens on your farm.

We want to get your feedback on how the app works but we also need to make sure all the background models that support the app are accurate for your farm and location. If you have a good record of grazing for the last few months that will also help us check that our models work well and can pick up grazing events.

If you join with us, we'd love to hear your feedback every six months. This will align with the updates to the mobile app and dashboard to add new features so there will be something new to discuss on each occasion.



Dr Liz Morse-McNabb
Senior Research Scientist



Liz is a Senior Research Scientist and leads the Pasture Smarts project within the DairyFeedbase program. Liz is a remote sensing scientist, specialising in satellite platforms with an undergraduate degree in agriculture. She has developed substantial expertise in the capture, collation, management, integration and delivery of large spatial datasets since joining the department in 2003. Her projects have focused on irrigation modernisation, categorising land use and land cover, estimating soil moisture and crop biomass. As the leader of the Pasture Smarts project, Liz is focused on practical, farm-wide measurements of pasture yield and nutritive characteristics for reliable pasture management that are built from strong scientifically defensible methods.

Complete and return the form overleaf!

Have questions? please contact the project team at:
pasture.smarts@agriculture.vic.gov.au

Complete this pdf on your computer and then email as an attachment to the project team at pasture.smarts@agriculture.vic.gov.au

Expression of Interest

Contact details

Name

Phone

Email

Farm address

Nearest Town

Postcode

What is your herd size?

What is your farm size (in hectares)?

What proportion of your milking platform is irrigated?

100% 75% 50% 25%, not irrigated

What proportion of your milking platform is perennial ryegrass?

100% 75% 50% 25% 0%

Which of the following best describes your feeding system?

Low bail

Moderate/high bail

Partial mixed ration (PMR)

Hybrid system

Total mixed ration (TMR)

Have you used any pasture management tools or systems in the past? (Tick all those that you have used)

C-dax Rising plate meter Pasture-iO

Other please describe

Do you still use any of those systems?

Yes No