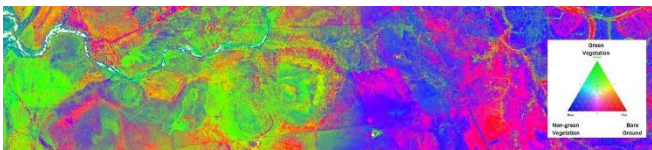


### About Cibo Labs

Cibo Labs is an agricultural data analytics company bringing new and more effective approaches to the monitoring and management Australia's grazing lands.

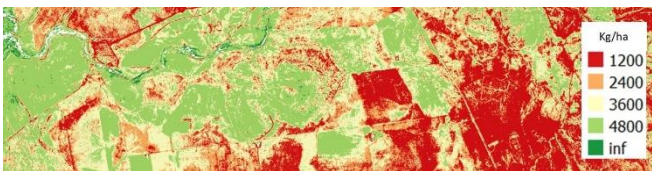
We combine world-leading satellite remote sensing and data science with on-farm knowledge to estimate feed supply for every hectare and to monitor changes in the feedbase and land condition on a weekly basis.



5 daily (13 band) satellite imagery processed and delivered the day after capture.



Easy to use tools for rapid pasture assessments.



Feed-on-Offer (kg) per ha and per paddock integrated into third party tools.

### Collaboration

Getting the most out of the explosion in technologies and science requires collaboration. Cibo Labs maintains close ties with world-class research institutions and collaborates with numerous farm management software companies. Most importantly, we engage directly with farm managers in product and service development.

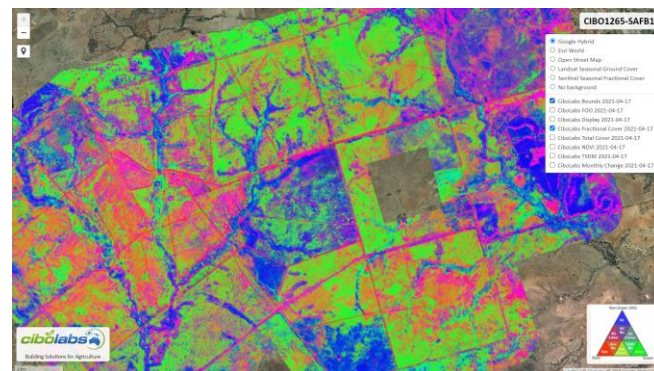
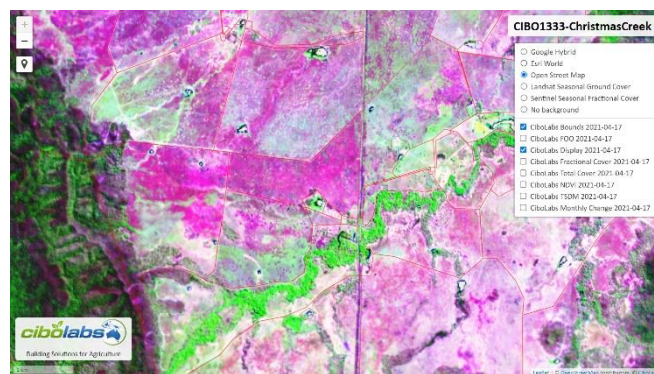
Our goal is to make every decision: less complicated, more profitable, lower risk and more sustainable.

### Just the information you need.

Cibo Labs is creating the environment for a producer to bring together satellite information on productivity, profitability, and natural capital for every hectare at paddock to property scales every week, month, and season.

We recognize that every farm and business is different, and at different stages of readiness for new of technologies. The Cibo Labs service can be as simple as a “print ready” map and a spreadsheet, or a near-real-time plug-in delivering weekly estimates of pasture biomass directly into third-party farm software on a mobile device. We also provide training in Satellite Assisted Forage Budgeting with the support of Meat and Livestock Australia (MLA).

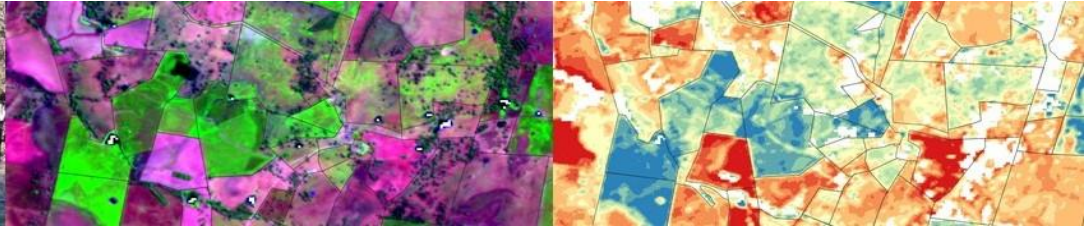
Our goal is to cut through the hype and just deliver what your business needs now, and to work with you on tomorrow’s needs.



Weekly, monthly, seasonal, or annual maps and reports on land condition and pasture status to support tactical decisions, financial planning and demonstration of land stewardship.

**World Leading Science,  
Profitable Farms,  
Sustainable Landscapes.**

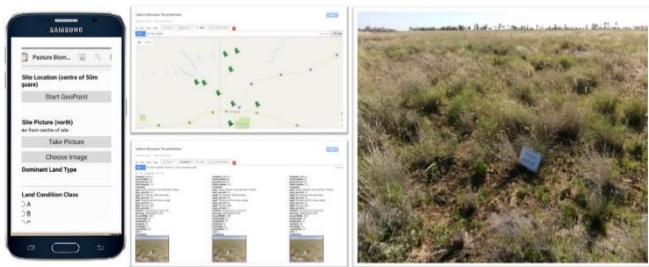
For more information, and to register your interest please contact us at [www.cibolabs.com.au](http://www.cibolabs.com.au)



## PastureKey – Satellite Assisted Forage Budgeting



10m satellite imagery with 13 spectral bands captured every 5 days. Unlike other systems, each image has clouds and cloud shadows removed. Trees are also masked out or proportionally removed.



Simple Apps for managers to collect, store and share on-ground data in real-time.



Machine learning systems used to estimate total standing dry matter (TSDM) per hectare. Trees and other non-productive areas removed.

- What are my ground cover levels?
- What are my paddock pasture biomass levels?
- How does my feed on offer (FOO) compare to last month?
- How many grazing days do I have available in each paddock and across my enterprise?
- When will the mob hit the target weight?



Feed on Offer (FOO) per paddock provided as a simple “traffic light” map and spreadsheet, or as a plug to farm software.

### What it Does

10m resolution satellite imagery is used to predict captured pasture biomass in kg/ha for every paddock on a farm every 5 days.

### How it Works

The Cibolabs PastureKey service uses a “living laboratory” model of agricultural data science tailored specifically to the Australian landscape and livestock industry. The service uses Sentinel-2 satellite imagery captured every 5-days around the earth by the European Space Agency (ESA). Thousands of GPS-located observations of total standing dry matter (TSDM) collected by Cibolabs and producers using a mobile App are analysed using machine learning algorithms to deliver within-paddock estimates of TSDM across the entire farm.

### Why is it important?

Managing stocking rates is a critical component of profitable and sustainable grazing business. The PastureKey service saves time and improves decision-making by providing objective information on the state and condition of every paddock on a weekly basis. It provides the information needed to support day-to-day decisions, and seasonal and long-term planning. PastureKey can also help provide regulators, supply chains and consumers with objective and transparent data to demonstrate your sustainability credentials.

### Getting involved

PastureKey is available as annual subscription service. We also provide training on Satellite Assisted Forage Budgeting with the support of the MLA Profitable Grazing Systems (PGS) program.

Please contact us at [www.cibolabs.com.au](http://www.cibolabs.com.au)