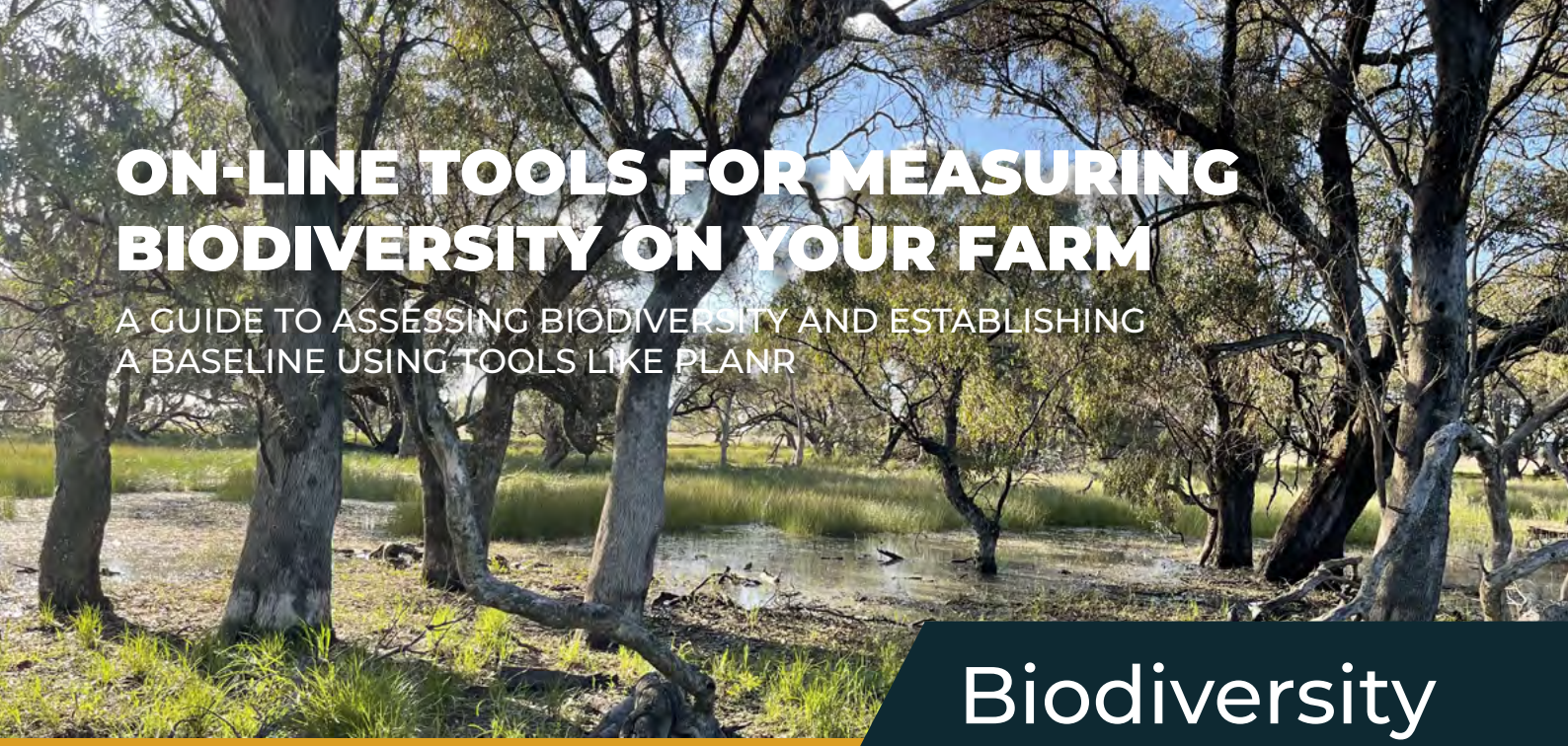


ON-LINE TOOLS FOR MEASURING BIODIVERSITY ON YOUR FARM

A GUIDE TO ASSESSING BIODIVERSITY AND ESTABLISHING A BASELINE USING TOOLS LIKE PLANR

Biodiversity

FACT SHEET 1 – JULY 2025

GETTING STARTED: TOOLS FOR MEASURING BIODIVERSITY

Key biodiversity indicators on cotton farms include native vegetation, land cover, and the presence of both native and invasive species. There are many tools available to help assess biodiversity, from free online platforms to detailed paid services. While the best choice depends on your needs, a great starting point is PLANR.

PLANR – Platform for Land and Nature Repair

A free, government-supported mapping tool designed to help you participate in Australia's Nature Repair Market Scheme.

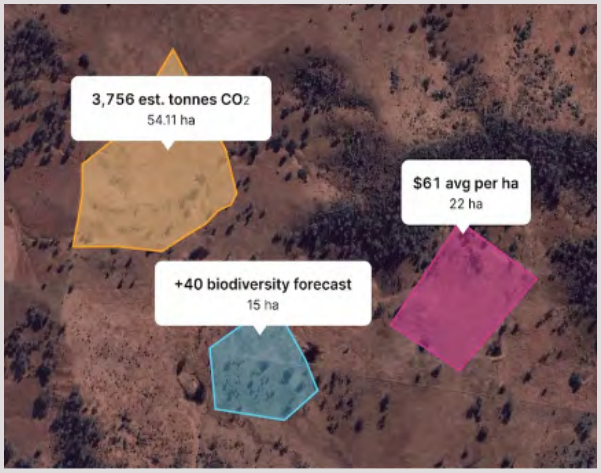
Visit: planr.gov.au

WHY PLANR?

PLANR is specifically for Australian landholders to easily assess biodiversity, establish a baseline, plan projects, and connect with nature and carbon markets.

What you can do with PLANR

» Assess native vegetation, habitat quality, land cover, and carbon stocks



BEGIN BY MAPPING YOUR PROPERTY

» **Check Nature Repair Market eligibility**

» **Snapshot your natural assets**

» **Calculate potential project costs**

» Plan nature repair projects and estimate costs

» Monitor biodiversity over time

» Connect with nature and carbon markets

Note: Carbon stock data may not be available in all regions. In addition, limited data currently exists for Northern Australia. For details on how your data is used, see PLANR's Terms of Use – Part D: Privacy and Personal Information.

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BEST PRACTICE

ON-LINE TOOLS FOR MEASURING BIODIVERSITY ON YOUR FARM

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OTHER BIODIVERSITY TOOLS

In addition to PLANR, other tools can support biodiversity assessment and planning. Here are some examples:

Tool	Measures (examples)	Cost	Notes
National Forest and Sparse Woody vegetation Dataset	Native vegetation extent	Free	High-resolution; suitable for farm-scale analysis. Widely used by government and industry. Can be aggregated across farms. May require expert interpretation.
Atlas of Living Australia	Species presence (native & invasive)	Free	National species database with mapped observations. Credible and widely used. May lack detail in remote areas. Data analysis may require expertise.
CiboLabs Farm Reports	Land cover, native vegetation	Paid	Custom farm reports on historical and current land cover trends. Established tool in ag industries. Carbon stock metrics.
Nature IQ	Species richness, habitat condition, vegetation extent	Paid (subscription)	Uses AI and remote sensing. Includes scenario planning, dashboards, and support. Include natural capital reporting.
Ozius Biome	Vegetation extent and condition (structure, function, composition), land cover, carbon stocks	Paid (free for non-commercial use)	AI-enabled analytics engine; Supports detailed ecological analysis and mapping of biodiversity and vegetation quality.

START NOW, STAY AHEAD

Understanding your farm's biodiversity today can help you prepare for future changes. Policies, supply chains, and industry standards are moving toward more sustainable farming. Tools like PLANR can help you understand your farm's current biodiversity, track its changes over time, and make better decisions that open up new market opportunities.

There are many tools available to help assess biodiversity, from free online platforms to detailed paid services.

NEXT STEPS

» **Visit planr.gov.au** to explore your farm's biodiversity data and start mapping

» **Read the companion fact sheets:**

- **Factsheet:** Tools to track Natural Capital on your farm Monitoring whole-farm biodiversity using Natural Capital Accounting (NCA)
- **Factsheet:** An Introduction to Environmental Markets – A grower's guide to environmental markets and how to measure what matters

Information current as of August 2025. This fact sheet is informed by research supported by the Cotton Research and Development Corporation (CRDC).