



TEDERA & LEBECKIA: PERENNIAL LEGUME PASTURES TO TRANSFORM THE SANDPLAIN

Year:

2016 - 2017

Funding Provider:

NACC and National Landcare Program

Lead Organisation:

Liebe Group

Collaborators

- WA Landskills
- West Midlands Group
- Murdoch University
- DAFWA.

Aim:

To remediate infertile soils using perennial legume pasture and bring them back into production with sites at Lancelin (WA Landskills), Dandaragan (West Midlands Group), and Wubin (Liebe Group).

Project Information:

The sandplain soils of the Northern Agricultural Region (NAR) would benefit greatly from the addition of a perennial pasture legume to the farming system. These soils are infertile, highly leaching, with a low carbon content and poor nutrient holding capacity, and they are also prone to wind erosion and salinity.

An herbaceous legume pasture with the attributes of both perenniality and nitrogen-fixing ability would provide multiple benefits:

- Reduction of salinity in recharge-prone areas;
- Increased protection from wind erosion;
- Soil carbon and nitrogen accretion leading to enhanced soil health and nutrient management;
- Adaptation to climate variability with the advantage of being able to capture and use rainfall whenever it falls, and;
- Enhanced farming system viability due to the provision of green feed during the autumn feed gap.

The development by DAFWA and Murdoch University of the pastures Tedera and Lebeckia, respectively, was an exciting development, and there was considerable farmer interest. This project provided NAR farmers with demonstrations of the pastures ahead of commercial release.

PROJECT FUNDERS



REPORTS & LINKS

N/A