

\$238,429
Total project cost



\$166,901
CF-LRP funding

\$71,528
co-contribution





63,121
Projected ACCUs

GFB Grazing Soil Carbon Project

Carbon for Farmers Voucher Program Recipient

Murray and Adele Grey

Location	Yathroo, WA	 <p>Agricultural Productivity</p>	 <p>Soil Health</p>
Project area	762 ha		
Property size	4,124 ha		
Permanence period	25 years		

Aims

- The GFB Grazing Soil Carbon Project aims to improve soil health and sequester organic carbon by changing grazing pressure and pasture mix to increase organic matter and nutrient availability.
- The project allows ongoing farming activities with flexible stocking rates responding to seasonal conditions. Establishing diverse pasture species can improve water infiltration and nutrient retention, and cover crops reduce erosion risk.
- This project is pioneering as the soils in this area are poor and carbon sequestration potential unknown. It will demonstrate the effectiveness of these activities and collect data through detailed measurement and monitoring beyond standard project method requirements. This data can support broader understanding of regenerative grazing outcomes at scale.



Above (L-R): Paddocks are rested to allow pasture recovery and prevent erosion, controlled grazing can lead to weight gain and improved condition

Activities

- Baseline soil sampling to 1.2m depth where carbon is more stable.
- Altering stocking rate, intensity and duration of grazing to allow extended pasture rest periods for optimal soil function, plant health, and more uniform grazing pressure.
- Additional fencing to increase the number of paddocks, and water infrastructure (dams, pipes, troughs) for cell grazing.
- Introduction of salt-tolerant and diverse pasture species improves pasture composition, encourages selective grazing, and pasture production and recovery,
- Co-benefits include increased animal health and weight gain. Pasture diversity and greater root depth can draw nutrients, and carbon into the subsoil and improve water-holding capacity.