



# Beef Farming: Environmental Monitoring for Productivity, Animal Health, and Compliance

## Overview

Beef farms in New Zealand cover large, remote areas where monitoring pasture, water systems, and infrastructure can be time-consuming. Scopious IoT delivers real-time insights and alerts, helping farmers manage resources efficiently, reduce manual checks, and stay compliant—using reliable LoRaWAN connectivity and a simple, mobile-accessible platform.

### Needs:

Beef farmers need visibility over remote land conditions, stock infrastructure, and water systems to reduce labour, improve productivity, and stay ahead of environmental compliance.

### Solution:

Scopious enables farmers to monitor key environmental and operational conditions across their farms—reducing manual checking, detecting issues early, and supporting long-term decision-making.

### Key Benefits:

- Reduces time spent on manual field checks
- Supports better pasture and water management
- Enables faster response to faults or system failures
- Assists with council/gov and welfare documentation
- Simplifies record-keeping for regulatory audits

## Scopious for Beef Farms

- Soil moisture and temperature monitoring for pasture condition
- Remote tank and trough level monitoring
- Infrastructure sensors for gates, fences, and pumps
- LoRaWAN connectivity for expansive rural coverage
- Mobile dashboards with custom alerts
- Data logs to support compliance and land management planning

**Data-driven  
decisions.  
Healthier  
herds.  
Stronger  
systems.**