CASE STUDY

MIFC

Property Profile

Name: Mingenew Football Club

Annual Rainfall: 400 mm

Soil Types: Sand

Enterprise: Broadacre Cropping

Results from the samples

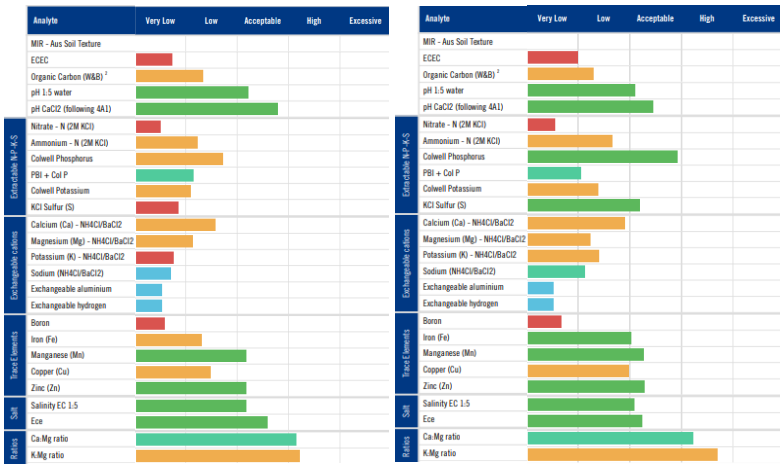

Figure 1 & 2: Results from Site 1, 2023 (left), compared 2024 (right)

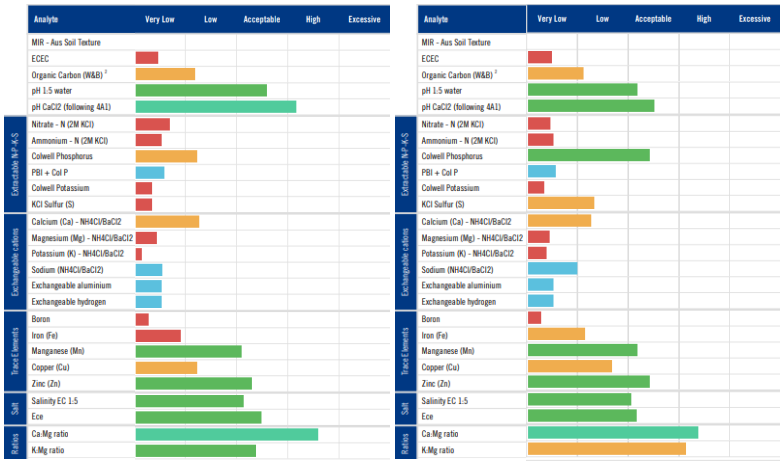

Figure 3 & 4: Results from Site 2, 2023 (left), compared 2024 (right)

Background

Mingenew Football Club (MIFC) is a community sporting group. MIFC were gifted the lease of a small block of land from the Shire of Mingenew. Which, with the help of local volunteers, they grow an annual crop on. The profit from which provides funding for the on-going maintenance and development of the Club and their community activities.

After analysis, numerous elements were identified as lacking in the soil. Many of which are vital for increasing the soils fertility and maintaining overall productivity. These elements include Nitrate, Sulfur, Boron, Potassium, Exchangeable Hydrogen, and Aluminum.

In the coming years, MIFC will continue to improve the quality of their soils. By maintaining fertiliser regimes and continuing to monitor the health of the soil, we are certain that the block will continue to provide a strong return for the local community.

Soil samples

Through the CSBP NDVI system, the Mingenew Irwin Group identified two focus areas across the MIFC paddock. These were previously marked as the low and high production zones across the block. Both sites were soil sampled as a part of the Smart Farms Small Grants Soil Extension Project funded by the National Landcare Program and DAWE.

At both sites, multiple cores were taken to a depth of 60 cm. These were then compared to one another to identify the constraints that the soils held. Both sites were tested using a full comprehensive soil test in the top 10 cm, and standard tests at depth, mainly exploring pH, Nitrogen, Phosphorus, Potassium, and Salinity.

Australian Government | National Landcare Program

This project was part of the Smart Farms Small Grants: Soil Extension (NLP Soil Extension) funded by Smart Farms Small Grants, the Australian Government's Nation Landcare Program and the Department of Agriculture, Water and the Environment.