



MAPPING TO MANAGE WHAT'S UP DOWN UNDER

Project Precision to Decision – Soil Mapping & Tailored Nutrient Planning

NEW TECHNOLOGY LOOKS BEYOND THE SOIL SURFACE

Latest in software processing technology

Released in 2016, the TSM is the current market leader in advanced soil analysis and houses the latest processing software on the market.



Electromagnetic Induction

Unique contact-free sensor technology uses electromagnetic induction via soil sensors to create conductivity measurements.



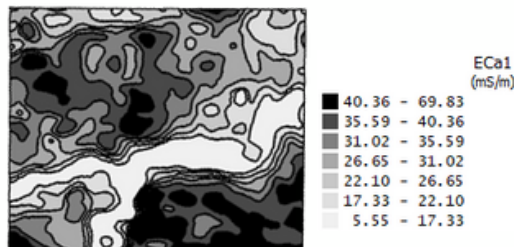
Variable rate ameliorant application

Soil maps can be used in near real-time for strategic decision making, variable machine control in ameliorant and fertiliser application, cultivation, and irrigation.



Over the past 15 years Farmacist have remained leading pioneers in precision spatial agronomy in Australia, catalysing the latest precision soil mapping technology. The recent addition of the newest Topsoil Mapper (TSM) is the latest in soil mapping technology and processing software systems, delivering finite data and soil maps.

Replacing the previous 2003 model EM38-MK2 mapper, the new TSM outperforms the old coil technology by utilising autonomous electromagnetic induction to record soil parameters and analysis, generating the well known 'colourful maps.' With the new TSM, Farmacist is able to generate and deliver highly accurate soil data assisting producers in cost effective farm management.



The Topsoil Mapper (TSM) is a precision agronomy tool that utilises electromagnetic induction via soil sensors to create conductivity measurements. The sensor generates data that delineates soil compaction, water content, precise soil zones, and subsoil variance.

The sensor delivers sub-soil analysis up to one metre in depth, targeting the main growth and root regions of most crops. These parameters can be used in near real-time to inform strategic decision making, variable rate control in ameliorant and fertiliser application, cultivation and irrigation.

The Farmacist team have been servicing clients in soil mapping for over 15 years and are committed to delivering producers with reliable and accurate soil data. Through project Precision to Decision/Point of Difference, Farmacist is harnessing this expertise to provide growers with accurate soil data and paddock maps. This information enables tailored whole farm nutrient management plans that optimise inputs on a paddock level.

To get your farm mapped or learn more about Farmacist's new Precision to Decision/Point of Difference mapping projects please contact one of the Farmacist team members!