

# DO YOU WANT TO IMPROVE PRODUCTIVITY, SAVE MONEY ON INPUTS AND BUILD A VALUABLE ASSET FOR PRECISION FARMING INTO THE FUTURE?



## Soil Mapping Service

Improving yields and reducing input costs requires proper farm soil management. PacFert's new soil mapping service can make this task easier. The Veris mapping trailer measures pH, EC, OM, topology in your paddocks and we can tailor the mapping grids to match budgets and crop value.

The trailer mapping will provide you with a good understanding of each paddock without the need for more detailed and expensive grid soil sampling techniques. It also provides target areas to undertake further studies including detailed soil tests.

Outputs from the soil mapping include a GPS referenced digital farm map showing soil properties and topography. These maps can then be used in conjunction with harvester yield maps, satellite and drone maps to enhance future decision making.

The Veris FieldFusion software also generates variable rate maps for products such as lime, gypsum, nitrogen and manures and these maps can be transferred into spreaders like our AgriSpread spreader to deliver accurate variable rate applications.

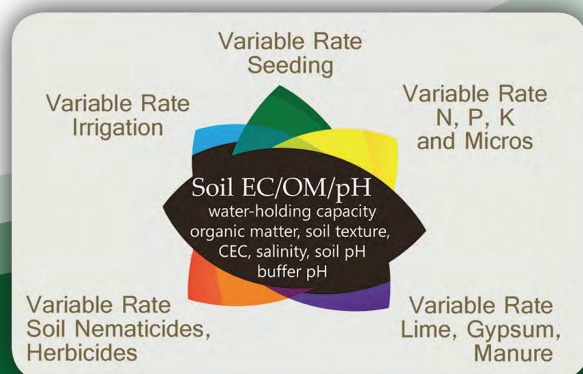
## Soil Mapping

**Soil pH** is an important factor in crop production. Nutrient usage, crop growth, and herbicide activity are all affected by the pH of the soil.

**Soil EC Maps** define the soil texture variability by measuring electrical conductivity of the soil.

**Soil OM Maps** if you want to vary inputs based on productive capacity, a precise map of organic matter is crucial.

**Paddock Topography Maps** elevation is paired with soil data for topography features of slope and curvature.





## Variable Rate Spreading Service

PacFert offers variable rate spreading in NSW & QLD. The new 20t AgriSpread spreader provides precise placement of product and variable rate technology to take advantage of soil mapping results.

Precision Agriculture Australia & Veris have stated that on the first variable rate application of Ag Lime after mapping a paddock you can reduce your lime application by an average of 30%, which would go close to covering the cost of the initial soil mapping.

However the aim of variable rate spreading is not necessarily to save dollars by applying less product, but rather apply the correct rate to different areas of the paddock in order to improve crop production through a more uniform and balanced paddock.



## Bulk Ag Lime Supply

PacFert supplies high quality Ag lime sourced from the best producers in Australia. PacFert package up the lime supply with transport and spreading and this enables the customer to only one make phone call for your order. Lime increases the pH of acidic soil, making lime one of the most crucial components to a successful crop management program, because excess acidity can severely limit both short-term and long-term soil productivity.

## Bulk Gypsum Supply

PacFert supplies high quality gypsum sourced from the best producers in Australia. PacFert package up the gypsum supply with transport and spreading and this enables the customer to only make one phone call for your order. Gypsum provides a source of both calcium and sulphur and it is great for treating sodic soils and improving soil structure.

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