# Precision Nutrient Management

## PRECISION NUTRIENT & PH MAPPING

Precision Nutrient Management uses GPS technology to accurately map soil nutrient variation across your fields and target fertiliser inputs by variable application.

By accurately identifying variations in phosphorus, potassium, magnesium and pH levels you can:

- Reduce fertiliser and/or lime expenditure
- Improve yield where nutrients or acidity are limiting factors
- Provide a nutrient management plan to justify fertiliser usage
- Reduce environmental impact

fielder
first for growth

Matthew Jones BSc (Hons)
07794 435695
mattjones100@fsmail.net

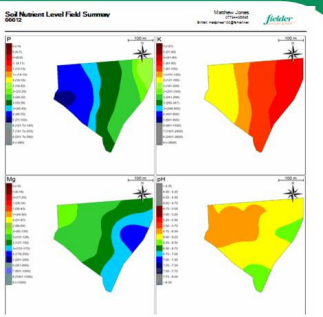
Barrie Hawkin BASIS/FACTS
07774 860924
fielderag@farming.co.uk

## Nutrient Mapping Explained

- Fielder's trained sampler will sample your fields using GPS strategic sampling and take a minimum of one sample per hectare.
- Soil samples are independently analysed for phosphorus, potassium, magnesium and pH.
- Maps are created for each field showing nutrient variation across the field.
- FACTS qualified contact to help understand and evaluate the nutrient maps to proceed in the most efficient way for your business.
- Fertiliser recommendations based on your cropping, soil type, straw removal decisions and target yields.
- Variable rate spreading files are provided for your GPS system.

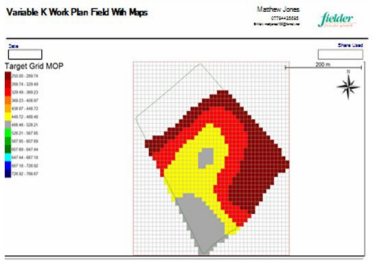
## NUTRIENT MAPS

- Easy to interpret colour coded nutrient maps are produced
- Nutrient status displayed both in soil indices and ppm values
- Nutrient maps provide data for four years
- Sampling plans kept on record for re-sampling once in four years




## APPLICATION MAPS

- Spreading plans produced for each field using a four year nutrient plan, soil mapping and yield data
- Maps produced electronically to suit GPS controllers




## NUTRIENT MAPPING INCLUDES:

- GPS soil sampling, with at least one sample location per hectare
- Additional sample locations to target known yield/soil type variation
- At least 15 sub-samples (cores) collected at each sample location
- Independent analysis for P, K, Mg and pH
- Map production and presentation
- Data for use with farm software
- Expert interpretation and recommendations, based on the maps
- Recommendation calculations for up to four seasons
- Creation of application maps in the correct format for GPS system