Knowledge grows

The Yara N-Sensor ALS 2

The ultimate in tractor mounted precision nitrogen management tools

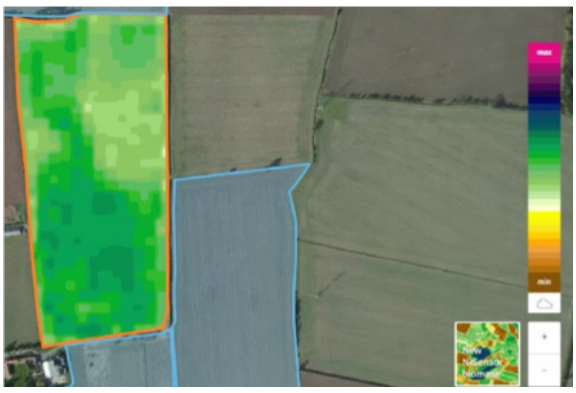
Why invest in precision nitrogen management?

- Increase yields by 3 - 12% (Yara R&D trials).
- Improved grain quality.
- Improved combine performance (12-20%) through a more uniform crop, with less lodging (Yara R&D trials).
- Increases in nitrogen use efficiency have reduced the carbon footprint by 10-30%.
- Nitrogen savings of up to 14% have been recorded where N Sensor was used.

Why invest in the Yara N-Sensor ALS 2?

- Unique agronomically based, crop (wheat, barley, oilseed, potatoes, grass, maize,) specific algorithms.
- Algorithms for grain protein, crop desiccation and plant growth regulators.
- Clean, accurate 'sensing' with NO clouds, trees, landscape features to corrupt the data.
- Unlimited scanning, day or night, NO waiting for satellites.
- Large 'scanning footprint' – 4m width each side of the sensor.
- 4 wavelengths measured giving enhanced accuracy and suppressing the effects of damp leaves (e.g. dew).
- More intelligent hardware utilising Internet Protocol networking allowing the use of multiple heads in a sensing array (The software currently supports 8 heads).
- Supports Nadir mounting (Looking straight down) where appropriate.
- Lightweight for easier, safer fitting.
- A modular design for more flexibility in fitting.
- LAN connections enables greater distances between sensor heads when mounting.

Standard NDVI image



N-Sensor image

For further information and assistance with the grant application process please contact Precision Decisions Tel. 01347 844132 or email sales@precisiondecisions.co.uk