



**HUTCHINSONS**  
Crop Production Specialists

# Comprehensive crop nutrition services

Optimise nutrition use for yield and quality

Effective crop nutrition  
requires planning, measuring,  
implementing, monitoring,  
and reviewing.

**Hutchinsons offer every aspect of an  
integrated nutrition management service,  
as well as unbiased product supply.**

We are focussed on giving the best advice  
for optimum return on nutritional inputs.

Our team of experts provide industry  
leading advice to help you make  
decisions that align with your  
wider business objectives.



Planning



Reviewing



Measuring



Complete, integrated  
crop nutrition



Monitoring



Implementing





# Improve your nitrogen use efficiency with our key steps.

## 1 Develop a nutrient management plan

For accurate management, Omnia's nutrition and manure management tool makes planning easy and effective

## 2 Develop a soil management plan

A nutrient management plan starts with soil, the Hutchinsons Healthy Soils and TerraMap services help you to unlock your soil's potential and maximise nutrition effectiveness. Create soil management plans in Omnia

## 3 Measure to manage

Understand how the crop is using its nutrition, our plant and grain analysis services offer an in-depth insight

## 4 Target nutrition

Supply crop demand accurately and cost effectively, Omnia offers effective solutions to manage variable fertiliser applications

## 5 Get the benefit from foliar Nitrogen

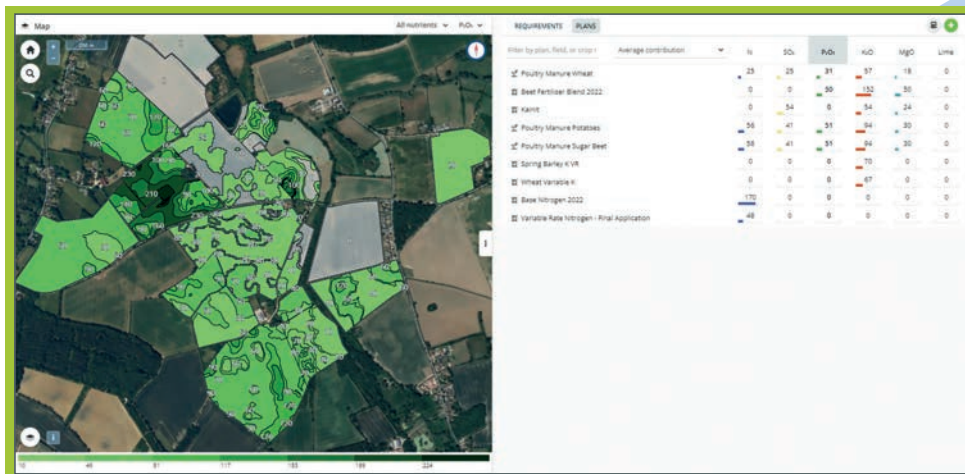
Phased release nitrogen through the leaf offers the highest possible nitrogen use efficiency

## 6 Protect nitrogen from losses

Increase nitrogen use efficiency with inhibitors and safeners. We have a tailored product range to help reduce nitrogen losses and meet the nutrient requirements of the crop

## 7 Capture atmospheric nitrogen

Using nitrogen fixing bacteria products can help the crop to capture nitrogen from the air, reducing dependency of nitrogen uptake from the soil





## Choosing the right nutrition

**There's a wide range of products to choose from.**

Making the right choice is important as nitrogen use efficiency is affected by product choice, application rate and timing.

We offer independent advice on product selection and help maximise the benefit of applied fertilisers with our tailored management service.

**AN** (Ammonia Nitrate)

**NS** (Nitrogen Sulphur)

**Urea**

**UAN** (Urea Ammonium Nitrate)

**CAN** (Calcium Ammonium Nitrate)

**NPKS** (nitrogen, phosphorus, potassium and sulphur)

**Foliar Nitrogen**



## Foliar nitrogen applications

**Foliar applications are crop safe and offer the highest possible nitrogen use efficiency, reducing the optimum nitrogen rate and the crop's carbon footprint.**

The price point and availability of conventional nitrogen fertilisers has undergone a major change - Highly efficient foliar nitrogen products reduce our reliance on costly fertilisers.

The flexibility to apply foliar nitrogen in tank-mixes reduces the number of passes required adding further cost savings.

We have a range of controlled release foliar Nitrogen products that offer increased efficiency over conventional fertilisers.



## Nitrogen Inhibitors

**Inhibitors can play an important role in increasing nitrogen use efficiency.**

Choosing the right inhibitor and using them to get the best results needs to be done with the benefit of understanding their mode of action.

Hutchinsons can guide you through these products which are, in some cases, set to become mandatory from 2024.





# HUTCHINSONS

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