

# Optimising nutrient management for combinable crops



Cost effective nutrient planning • Optimise yield and quality  
Understand the impact of legislation on nutrient use

## Designed for:

Farmers, agronomists and others within agriculture involved in the practical and legal management and use of organic manures and artificial fertilisers to optimise yield and quality of combinable crops

## Entry requirement:

**Able** to demonstrate practical experience of the use of organic manures or artificial fertiliser  
£225 + VAT

## Price:

## Duration:

A one day classroom-based course with workshops

## CPD points:

CPD points to be awarded

## Learning outcomes:

### At the end of this course participants will understand:

- Role and forms of nitrogen, phosphate, potassium, magnesium and sulphur
- How to use the Fertiliser Manual (RB209) for combinable crop nutrient planning
- Alternative recommendation systems
- The use and contribution of organic manures
- The NVZ regulations in relation to nitrogen use on farm
- The use of nutrient sampling and testing
- The symptoms of macro and micronutrient deficiencies and their treatment

## Content:

**Classroom module 1** (half day) – Role, sources, sampling and environmental effects of macro and micronutrients:

- Sources of nutritional advice
- Role, sources, sampling and carbon footprint of nitrogen
- Role, sources, sampling and environmental effects of phosphate
- Role, sources and sampling of potassium
- Workshop session on P+K planning
- Role, sources and sampling of magnesium
- Role, sources and sampling of sulphur
- Macro and micro-nutrient deficiency, diagnosis and treatment

**Classroom module 2** (half day) – Nitrogen planning and NVZ legislation:

- Environmental effects of nitrogen
- Nitrate Vulnerable Zones (NVZ) regulations and their practical implications
- Manure risk mapping and workshop
- N farm and field manure limits and workshop
- Manure storage regulations and their practical implications
- NVZ N max
- Alternative AHDB nitrogen planning system
- N planning using the Fertiliser Manual (RB209) and workshop

## Trainer:

Andrew Watson, Eastern Regional Agronomist NIAB TAG



For more information or to book online go to [www.artistraining.com](http://www.artistraining.com)  
01223 342444 info@artistraining.com @ARTIStraining

NM04

Nutrient Management