

# NEWSLETTER

Winter 2023



## Assured Agronomy

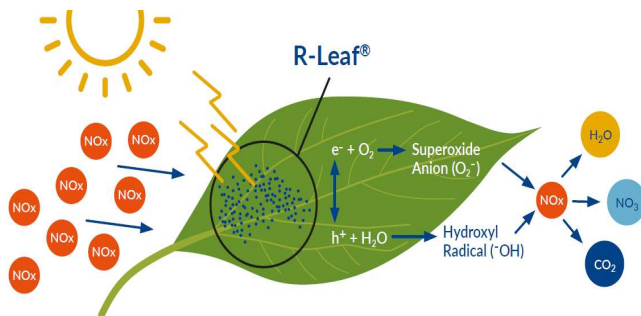
### R Leaf

New technology developed by Crop intellect, based at Riseholme College, Lincolnshire. R-Leaf removes nitrous oxides (NO<sub>x</sub>) from the atmosphere and converts them to nitrate using photocatalysts. It is applied at a rate of 1 litre/ha twice over the season.

R-Leaf provides nitrate to the crop for up to 6 weeks for every application, supplying up to 15kg of nitrate/ha per month, increased efficacy of uptake could make it equivalent to up to 90kgN/ha.

The Climate impact Forecast (CIF) Tool, supported by the European Innovation council supports Crop intellects claims that R-Leaf removes the equivalent of 5.4 tCO<sub>2</sub> per year used at 2 litres per hectare on cereals.

<https://cropintellect.co.uk/products/r-leaf/>



### Ag Chem Inflation

Huge inflation in Plant protection products this season, due to increased production cost claims.

- Growth regulator, Chlormequat is due to increase 67% from 2022 season due to reduction of production by BASF.
- Pendimethalin products have also increased by up to 43% due to reduced supply.
- Some key fungicides are also set to increase by <20%

### Correct Mixing Order when Spraying

1. Add **water** (around ½-3/4 of the intended sprayer volume)
2. **Water Conditioners** or **anti-foam** if required
3. **Solid Micronutrients**
4. **Solid crop protection products** (Wettable granules, solid granules, wettable powder)
5. **Water based crop protection products** (suspension concentrates, capsule suspensions)
6. **Suspension concentrate / liquid micronutrients.**
7. **Solvent based crop protection products** (suspension emulsions, emulsion in water, oil dispersal, emulsion concentrates)
8. **Adjuvants** if required.

### Parallel Chemicals Lobbying

Parallel trade permits have allowed plant protection products to be imported into the UK, based on regulatory assessment work done in another EU country. They differ from a generic product as a parallel product is still manufactured by the authorisation holder of the reference product.

Since Brexit HSE has withdrawn these permits in GB. The sale of these products will end 30<sup>th</sup> of June 2023, with the final use date of 30<sup>th</sup> of June 2024.

This will result in a reduction of products available and an increase in prices of remaining products due to lack of competition.

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PRECISION FARMING

## Government Funding

### Sustainable Farming Incentive

Additional standards are being added in 2023;

- Hedgerow Standard
- Integrated Pest Management Standard
- Improved Grassland Standard
- Low Input Grassland Standard

Additional management payment of £1000

### Farming Equipment and Technology Fund 2023

Productivity and Slurry items open until the **4<sup>th</sup> of April**, Animal health and Welfare will be opening in March.

<https://www.gov.uk/government/publications/farming-equipment-and-technology-fund-fetf-2023>

### BPS

-2024-2027 payments will be based on claims in reference period from 2019-2021.

-2023 payments will be made in two parts, July, and December.

## Univoq Stewardship

Univoq is a fungicide containing Fenpicoxamid, more commonly known as Inatreq. Last season issues with application due to sprayer damage were seen, Corteva have released application advice for the 2023 season.

-Minimum water volume of **200L/ha**

-Do not leave in the **sprayer overnight**

-**Rinse** the sprayer tank, pump, and lines at the end of each day.

-Do not use through Pulse Width Modulation Sprayers.

-Replace diaphragms during winter service.

Corteva are also offering farmers and contractors £200 towards the cost of sprayer parts purchased with products containing Inatreq.

<https://www.corteva.co.uk/tools-and-advice/stewardship/inatreq.html>



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Two NRoSO points in total (not per bulletin) have been allocated between 01/01/2022 and 31/12/2022 reference NO470606f. **2023 Points applied for.**

Two BASIS points (1CP/1PN) in total (not per bulletin) have been allocated between 01/06/2021 and 31/05/2022 reference cp/101008/2021/g.

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