

Kinsidro® Grow+ in Cereals



Kinsidro® Grow+ is a metabolic biostimulant, bonded with essential micro and macronutrients. It is classed as a humic substance. Kinsidro® Grow+ is recommended for a wide range of crops including **cereals**. Applied at a low rate of 150 g/ha, trials show Kinsidro® Grow+ confers herbicide and stress tolerance increasing yields and quality.

What is Kinsidro® Grow+?

Kinsidro® Grow+ is a uniform, concentrated humic substance with a high fulvic ratio (62%) with chelated essential macro and micronutrients.

The product is manufactured from materials extracted from sustainably grown Nordic pine forests.

A patented extraction process ensures micro-nutrients are naturally chelated, making them more bio-available to the plant.

Kinsidro® Grow+ is very active even at low doses (150 g/ha).

Kinsidro® Grow+ contains a high ratio of fulvic acids which results in increased activity in comparison to other “humic-dominant” products

The high ratio of fulvic acid in Kinsidro® Grow+ chelates minerals, turning them into readily absorbable bio-available forms for the plants.

This increased metabolic response following an application of Kinsidro® Grow+ can result in:

- An improvement in crop emergence with improved root development, uniformity, crop vigour and stand count. This leads to an increased tolerance to herbicide, cold temperatures, drought or saturated fields, better crop resilience as it begins spring regrowth.
- A stimulation in cell division, improved growth and development of roots, shoots and leaves and improved photosynthesis efficiency.
- An improvement in nutrient and water uptake in the spring, an increased number of tillers and an increased tolerance to Crop Protection Products due to greater general crop health and resilience.
- Greater yield and quality potential with increased number of tillers, ears/plant, grains/ear.

Application Information

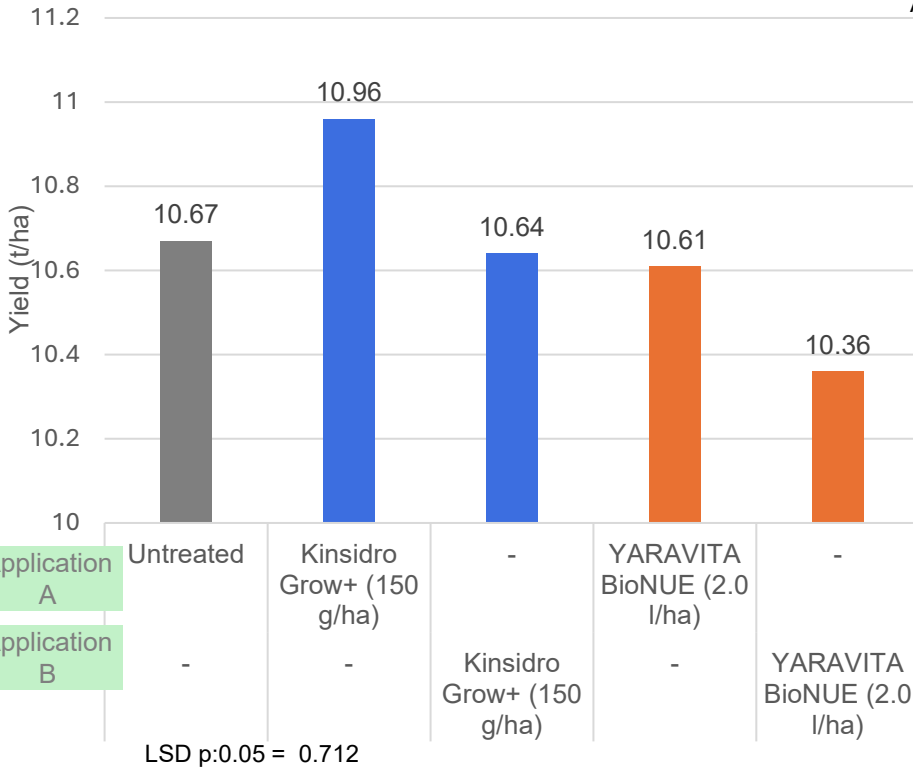
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| Pack Size | 1 kg box, (6.6 ha) a wettable granule formulation |
| Recommended Rate | 150 g/ha in 150-300 l/ha of water |
| Rainfastness | 3 hours |
| Number of Applications | 1-2 applications per crop |
| Application Timing on cereals | Apply in the autumn between 2-4 true leaves (GS12-14). Apply in the spring at mid-tillering to stem elongation (GS25-32). |

Tank mixing

- Kinsidro® Grow+ is soluble in water and its use is compatible with most fertilisers and plant protection products.
- Add Kinsidro® Grow+ first, slowly, to avoid excess foaming, into a spray tank partly filled with water. Only add other tank mix partners when Kinsidro® Grow+ is fully dispersed.
- Refer to <https://www.corteva.com/uk/tools-and-advice/tank-mixes.html> for further information on compatibilities.

Kinsidro® Grow+ Results in Winter Wheat

Yield (t/ha)



Winter Wheat

App A = GS25-30 (mid-tillering) - 29/04/2024
 App B = GS31-32 (stem extension) - 13/05/2024
 Variety: KWS Dawsum
 Soil Type: Sand

Conclusions

Kinsidro® Grow+ reduces crop stress coming out of winter dormancy.

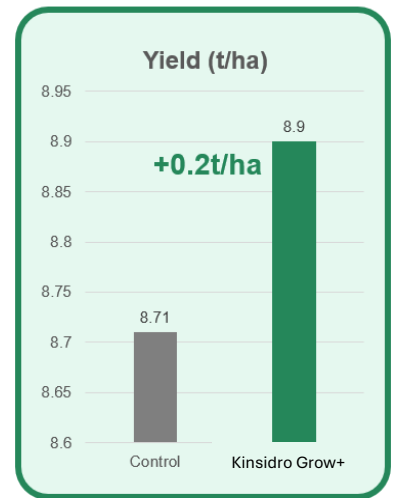
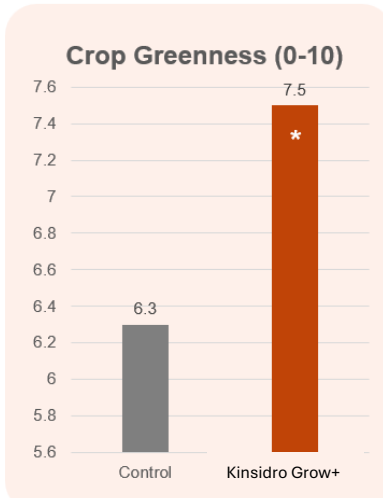
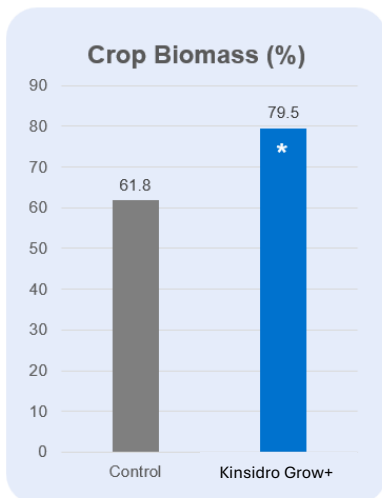
A mid-tillering application in this trial increased yield by **+0.29 t/ha**.

The formulation benefit of Kinsidro® Grow+ increases performance versus humic dominant products.

Kinsidro® Grow+ Results in Winter Barley

Country: Norfolk, UK 2024, Crop: Winter barley, Craft, Application GS30

* Indicates significance at 95% confidence



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