

Terra-Sorb[®] foliar
Extra

RELIEVING

THE STRESSES

OF LIFE



#InnovationImpact



Terra-Sorb foliar extra supplies ready-made, plant-based amino acids that help crops recover quickly from stress, support early establishment, and enhance overall plant vitality.

By providing amino acids in a form that plants can immediately use, Terra-Sorb® Foliar Extra enables crops to conserve energy, optimise nutrient use, and improve growth efficiency during demanding periods such as establishment and biomass accumulation.

What does it do?

Terra-Sorb® Foliar Extra enhances crop performance and resilience by:

- Supporting rapid recovery from environmental, nutritional, or physiological stress.
- Boosting establishment, root development, and early plant growth.
- Improving energy efficiency and nutrient utilisation.
- Enhancing yield potential and grain quality.
- Promoting strong vegetative growth and improved plant structure.

Application

CROP	RATE	APPLICATION TIMING RANGE
Winter cereals	1–2.0 l/ha	GS13–45
Malting barley (winter and spring)	1–2.0 l/ha	Up to GS31
Oilseed rape	1–2.0 l/ha	Up to end of flowering
Sugar and fodder beet	2 × 1.5 l/ha	Expanded cotyledon to row closure
Grassland	2.0 l/ha	Early spring growth (+20 g Smartgrass). Aftermath grazing (can be mixed with herbicide)

How does it do it?

Terra-Sorb® Foliar Extra contains a balanced blend of plant-derived amino acids and essential trace elements. These amino acids—known as the building blocks of proteins—play key roles in stress reduction, nutrient transport, cell wall stability, and reproductive development.

Using a unique Enzyneer® enzymatic hydrolysis extraction process, the product delivers all 18 essential L-amino acids in their naturally active form. This ensures high protein quality and a diverse amino acid profile that supports multiple plant functions. Treated plants often show increased root mass and length, resulting in a greater surface area for nutrient and water uptake, ultimately improving overall plant health and productivity.

Features



- 100% plant-based amino acid source
- Contains 18 biologically active L-amino acids
- Compatible with most tank mixes
- Available in a range of pack sizes to suit grower needs

Benefits



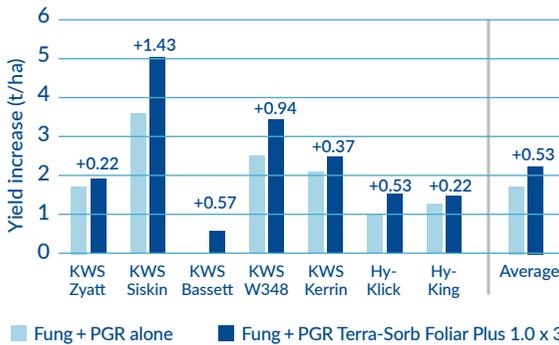
- Rapid stress recovery and improved plant resilience
- Enhanced root and shoot development
- Increased nutrient and water use efficiency
- Improved establishment and crop uniformity
- Optimised energy use for sustained growth



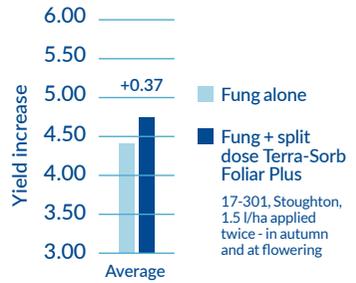
Results

Trials at Stoughton have shown that applications of Terra-Sorb Foliar Extra result in consistent improvements in yield across a range of leading wheat seed varieties, with an average of +0.53t/ha

Yield response in wheat across varieties



Further trials averaged across a range of leading OSR varieties, show that when combined with a fungicide programme, Terra-Sorb Foliar Extra offers 0.37t/ha increase in yield, compared to a stand-alone fungicide.



What this means for you

In early season cereal crop development, Terra-Sorb Foliar Extra elongates leaves and roots, resulting in stronger and more robust plants compared to untreated.

Agrovista farm trials have also shown that an application of Terra-Sorb Foliar Extra up to GS31 can reduce screening levels in spring barley grown for distilling, helping to mitigate screening deductions. It has also been shown to increase uptake of manganese, zinc and copper when applied alongside suitable trace elements, particularly when the crop is under stress.

This boosts yield potential, even more critical when nitrogen applications are restricted to achieve the low grain nitrogen required for distilling.

In grassland, trials showed that just five days post application of Terra-Sorb Foliar Extra, an 18.5% increase in dry matter kg/ha was shown - which equates to an additional 687kg dm/ha

5 days
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innovation
range

Making a **real impact**
on your farm

Bioscience products for healthier, productive crops. #InnovationImpact

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Extra



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