



Inspiring  
change...

Relieving  
the stresses  
of life

Terra-Sorb® Foliar Extra

growing through **innovation**



*Terra-Sorb Foliar Extra is a biostimulant product for cereals and oilseeds that provides ready-made amino acids to aid rapid stress recovery, and boost crop establishment and survival.*

# Relieving the stresses of life

## How it works

Terra-Sorb® Foliar Extra contains a blend of plant-based amino acids and trace elements. By providing a plant with readily available amino acids, known as the building blocks of protein, it can improve the use of its existing resources, and be more energy efficient. This is a key factor when it comes to mitigating stress and overcoming high demand periods such as establishment and biomass building.

Amino acids don't all serve the same purpose, and can be active at different levels, so play critical roles in many components of plant physiology. This includes stress reduction, cell wall stabilisation, nutrient transfer, flower stimulation and improving grain quality.

By utilising a unique Enzyneer® extraction process based on enzymatic hydrolysis, Terra-Sorb Foliar Extra provides plants with all 18 essential L-amino acids in the naturally biologically active L form. This results in higher protein quality and a greater diversity of available amino acids.

And because plants treated with biostimulants often display a significant increase in root mass and length, the absorptive surface area for nutrients is also increased, resulting in improved uptake.



## Benefits

Terra-Sorb Foliar Extra offers the following benefits:

- **Improved energy usage and stress tolerance**
- **Supports establishment and plant development**
- **Increased root and shoot biomass**
- **Improved nutrient and water utilisation**



*Terra-Sorb Foliar  
Extra provides ready-  
made amino acids to  
**aid stress recovery,  
and boost crop  
establishment.***





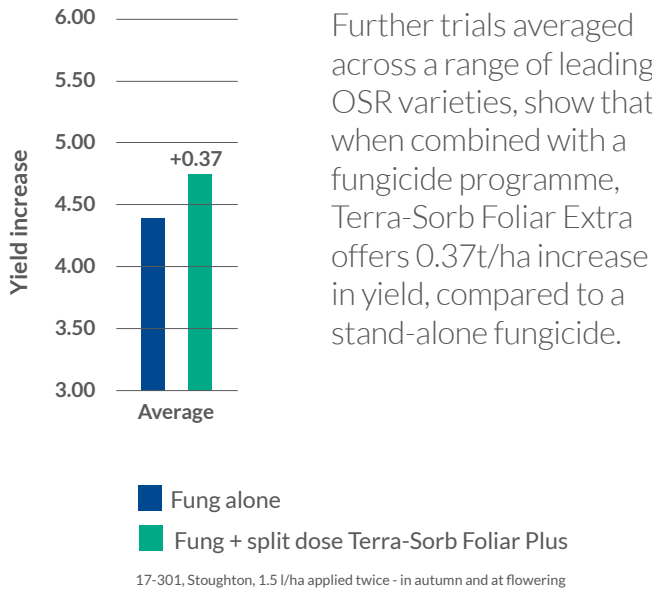
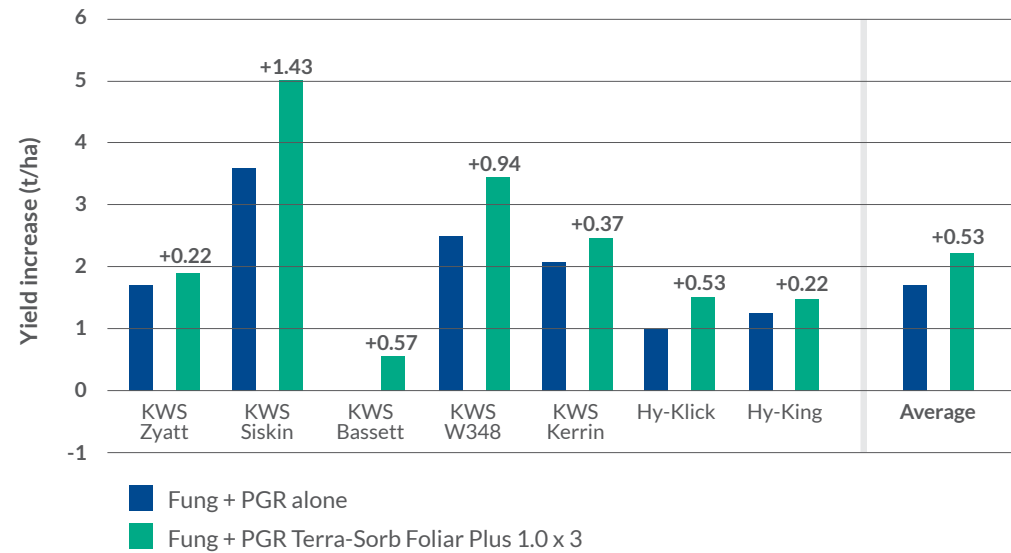


Through our network of global innovators, Agrovista brings the latest in scientific developments to you, the grower.

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



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  
post application

18.5%  
increase in dry matter

equalling an additional  
687kg dm/ha

Application

Crop	Rate	Application timing range
Winter cereals	1-2.0l/ha	GS13-45
Malting barley (winter and spring)	1-2.0l/ha	Up to GS31
Oilseed rape	1-2.0l/ha	Up to end of flowering
Sugar and fodder beet	2 x 1.5l/ha	Expanded cotyledon to row closure
Grassland	2.0l/ha	Early spring growth (+20g Smartgrass) Aftermath grazing (can be mixed with herbicide)

\*Suggested timings, for label information, speak to your BASIS-qualified advisor

Other features

- Tank mixable
- Vegetable source
- Various pack sizes to suit grower needs

*Contact your local Agrovista agronomist today, to discuss our Innovation Range and how these exciting new products can support you.*



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