



inspiring  
change...

For when  
**consistency**  
is key

**Equilibrium® Extra**

growing through **innovation**



*Equilibrium Extra is a dual purpose biostimulant for high value crops that improves overall quality and marketable yield.*

# For when consistency is key

## How it works

Equilibrium<sup>®</sup> Extra combines the same readily-available amino acids as Terra-Sorb Foliar Extra, but combines them with oligosaccharide seaweed extracts as a tailored product for high-value crops such as potatoes.

Oligosaccharides are complex sugars that stimulate a plant to enhance its nutrient flow from the soil and translocation through the plant, whilst promoting rooting and shooting. This improves a plant's ability to access nutrition, as well as its overall health.

Because seaweed extracts have a positive effect on plant physiology including reproduction physiology, this leads to an increase in uniformity, particularly useful in optimising marketable yield.



## Benefits

Equilibrium Extra offers the following benefits:

- ***Improved energy usage and stress tolerance***
- ***Support for establishment and plant development***
- ***Improved nutrient and water utilisation***
- ***Improved marketable yield and quality***



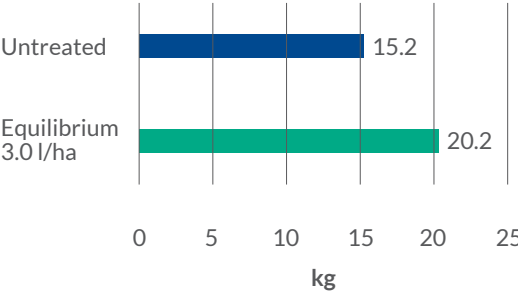
Equilibrium Extra  
is a dual purpose  
biostimulant that  
improves overall  
quality and  
marketable yield.

33% yield  
increase

Results

Equilibrium Extra grower trials on potato demonstrate a 33% yield increase compared to untreated\*

Yield (kg/m row length)



\*Average of 3x 1m row length test digs per plot

What this means for you

For potato growers, application of Equilibrium Extra results in an increase in optimum tuber size (65-85mm), improving the overall marketability of the crop and reducing under or over-sized tubers. This is demonstrated through the following grower trial in North Norfolk in 2019\*:

Yield (kg/m row) and tuber size distribution

	<45mm	45-65mm	65-85mm	>85mm
% change in tuber size distribution using Equilibrium, vs untreated	-22%	3%	16%	-69%

\*Mean of 4x 1m row length test digs per plot

Application

Crop	Rate	Application timing range
Potato	3.0l/ha	From rosette to prior to senescence

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

Other features

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



# Demonstrating return on investment

It's long been understood that the future of traditional crop protection products is uncertain. The regulatory landscape has a huge influence on what we, as an industry, can achieve in effective food production.

But it could also be a need to protect our environment, avoid exceeding maximum residue levels (MRLs), or the desire to try something new, that drives us to think outside of the box and step into the world of bioscience.

Whilst we want to be creative and smart with our product choices, we also need to be able to demonstrate a return on investment from using these innovations. With abundance in the market-place, bioscience products must prove their efficacy to really make a difference.

Through our network of global innovators, Agrovista brings the latest in scientific developments to you, the grower. Whether that's maximising chlorophyll production, or mitigating plant stress, we are proud to provide products that are supported by both academic research and field trials.



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*With so many bioscience products available to growers, it can be very confusing to understand what each does, posing the question: 'but how does that benefit me?' We want to help growers to answer that question, by breaking each product down to provide a tangible yield-based result.*

*"As a customer-driven company, we also understand the importance of transparency. We are happy to discuss the formulations of our products, so growers know exactly what they are applying onto their crops."*

**Craig Morgan,**  
**Head of Research and Development, Agrovista**





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



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