



*New ways of thinking*

# Bioscience products

Voltek

growing through **innovation**

Inspiring  
change...

*A unique biostimulant seed treatment complex for cereal crops that supports germination and improves crop establishment.*

# Grow faster, move stronger, from day one

## How it works

Voltek contains a biostimulant complex known as a metabolite - a unique blend of phosphite, keto acids and additional nutrients. Applied as a seed treatment, this supports the growth and development of young seedlings as they emerge from day one.

Phosphite triggers root development, resulting in improved biomass and root exploration. This allows a plant to easily access the water and nutrients from the soil that it vitally needs during establishment.

By maximising nutrient uptake, this stimulates the plant to grow quickly, giving the plant the best chance to naturally overcome potential stresses and pressures throughout the lifecycle.

Another feature of the Voltek complex is keto acids - biological precursors to chlorophyll synthesis. These work by reversing chlorophyll suppression that a plant may experience during its lifecycle. By increasing chlorophyll production, keto acids maximise green leaf area and plant biomass, essential for crop growth.

Voltek's formulation also offers additional nutrition in the form of manganese and zinc, further supporting a crop's early nutritional needs.



## Benefits

Voltek offers the following benefits:

- ***Enhanced germination***
- ***Increased root and shoot biomass***
- ***Improved establishment rate and crop uniformity***
- ***Increased stress tolerance including overwintering***

*A biostimulant  
seed treatment  
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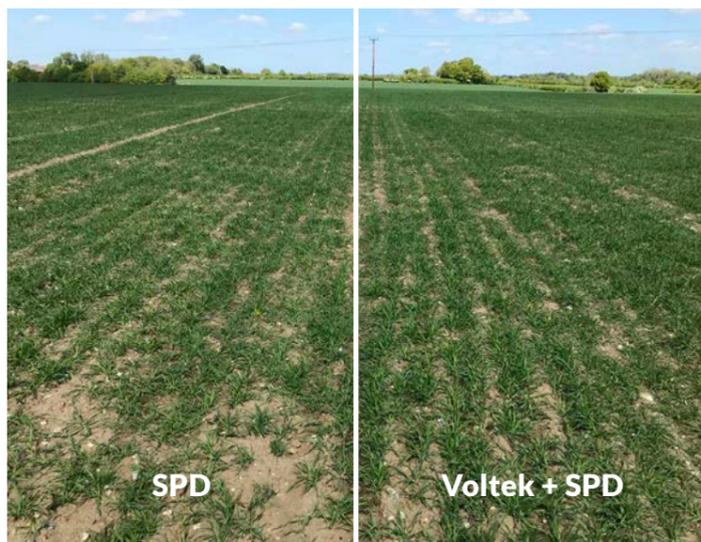
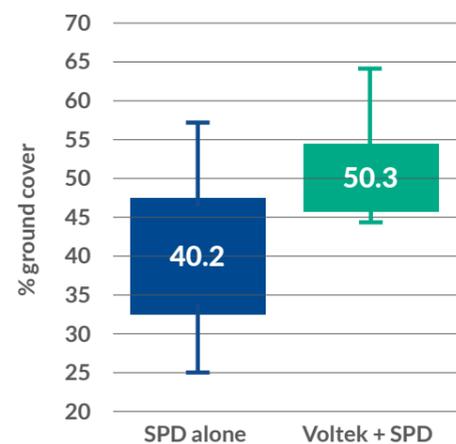




## Results

Voltek seed treatment showed a visual improvement in ground cover for this barley trial at Morley, Yorkshire. This is supported further by results from Canopeo - a green canopy measurement application.

### % ground cover analysis in barley\*



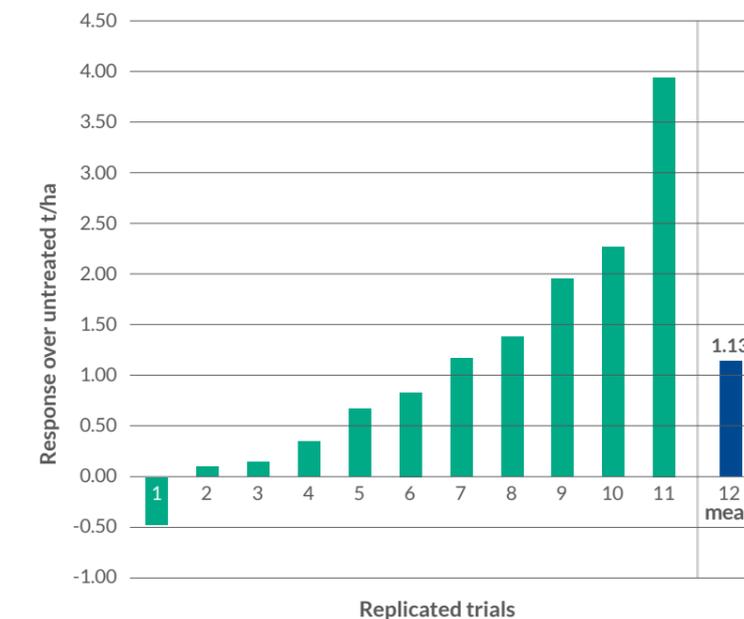
\*Analysed at GS 24-26



Head of Research and Development, Craig Morgan said: "By applying biostimulant technologies directly to the seed, we support the crop right from day one and this is when it counts the most. Supporting a seedling during establishment, in often challenging conditions, will best equip us to overcome the many challenges that we may face throughout its lifecycle."

## What this means for you

### Yield response in winter wheat



## Application

Crop	Rate	Application
Cereals (including mobile seed dressing)	1.0l/t	Seed treatment

## Other features

- Liquid formulation
- Tank mixable
- Fully crop safe
- Cost effective solution



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