

#Navigating Nutrition

IMPROVE CROP ROOTING




CALFITE
EXTRA

Matching nutrition to your



Crop
requirements



Environmental
needs



Calfite Extra is a unique foliar nutrient complex designed to improve crop rooting and maximise nutrient uptake and utilisation from the soil.

It improves the crop's phosphorus use efficiency, delivering calcium through the leaf into the plant.

£79/ha ww
£71/ha osr

return on investment

100% ww
75% osr

chance of a return on investment

8% ww
11% osr

average yield increase (9 ww and 11 osr trials)

What does it do?

This true biostimulant delivers a multitude of effects depending upon dose, timing, programme and crop species and provides efficient foliar delivery of phosphorus and calcium fertiliser. It contains 19%v P₂O₅ and 11% Ca based on the phosphite form of P.

It has the lowest salt index of all phosphites, making it the safest formulation, while its formulation stabilises the phosphite, preventing oxidation to phosphate.

Includes L-PGA to enhance optimum nutrient use efficiency.



Application

CROP	TIMING	DOSE *
Cereals	Key growth stages	0.5 - 1.0 l/ha
OSR	Key growth stages	0.75 - 1.0 l/ha
Potatoes	Planting and key growth stages	1.0 - 2.0 l/ha
Sugar and Fodder Beet	Key growth stages	1.0 - 2.0 l/ha
Pulses	Second node and onset of flowering	1.0 l/ha
Maize	GS 13-16 (add zinc)	1.0 l/ha
Fruit	Key growth stages	2.0 - 3.0 l/ha
Vegetables	Planting and key growth stages	1.0 - 2.0 l/ha
Grass and Forage Crops	GS 12 - 16	1.0 l/ha

**For most applications*

How does it do it?

The phosphite component tricks the plant into thinking that it's in a phosphorus deficiency situation, so the plant responds by increasing root length, biomass and activity (exudation).

Features



- Increases root and shoot development
- Increases root exudation
- Enhances frost tolerance
- Increases nutrient uptake
- Enhances secondary metabolism via the shikimic acid pathway to produce folate and amino acids
- Improves flavours, colours and brix levels
- Increases grain set and ultimate yield

Benefits



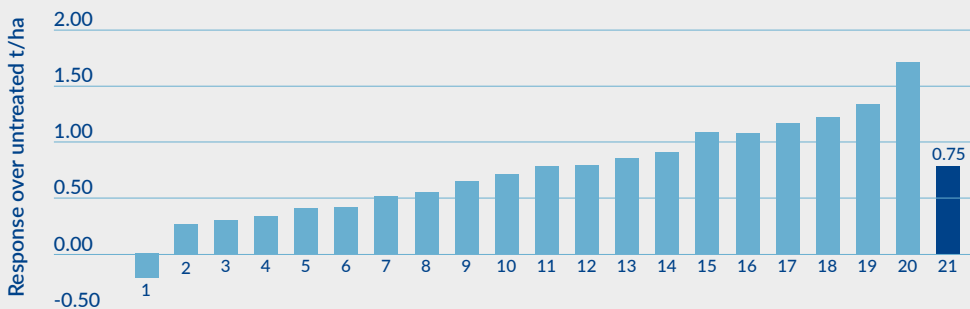
- Increases phosphorus delivery to the plant through increased root exudation
- Increases phosphorus use efficiency
- Increases soil microbial health and biomass
- Minimises chance of crop phytotoxicity
- Convenient formulation for tank mixing - unique ability to mix with copper
- Enhances yield/quality

Improve crop phosphorus use efficiency and delivery of calcium through the leaf into the plant.



Results

The response over untreated for Calfit in Winter Wheat



Navigating Nutrition

Agrovista leads the way in progressive, cost-effective nutrient management. Years of research and development along with a tailored product range means we can provide expert advice on this complex area, working to match your crop requirements to environmental needs and your carbon footprint.

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Talk to your local agronomist
for more information or scan
the QR code to view online.



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