

#Navigating Nutrition

MAXIMISE POTASSIUM



Matching nutrition to your



**Crop
requirements**



**Environmental
needs**



Wholly K PGA is a unique potassium metabolite complex designed to deliver potassium via foliar application when conditions may limit soil uptake.

This highly available 20% form of potassium contains no antagonistic anions (eg chloride) and is complexed with L-PGA (pidolic acid) to enhance nitrogen assimilation.

Potassium is an essential plant nutrient required in large amounts – often more than nitrogen. Its enzyme activation affects protein, starch and ATP production, so is vital for photosynthesis, protein synthesis and many other functions in growth and reproduction.

Potassium is also very important in opening and closing of stomata, helping to regulate water vapour, oxygen and carbon dioxide exchange.

£72.20/ha

*return on
investment*

93%

*chance of a return
on investment*

7%

*average
yield increase
(15 trials)*

What does it do?

Wholly K PGA is an efficient potassium foliar fertiliser that maximises delivery of the nutrient to the crop. It is an ideal supplement to potassium programmes in season or during periods when availability, and therefore crop potential, is restricted.

The complex with L-PGA is very synergistic, as both are critical for N assimilation and nitrogen use efficiency.



Application

CROP	TIMING	DOSE *
Cereals	Key growth stages	1.0 l/ha
OSR	Key growth stages	1.0 l/ha
Potatoes	Key growth stages	1.0-2.0 l/ha
Sugar Beet	Key growth stages	1.0-2.0 l/ha
Pulses	Key growth stages	1.0 l/ha
Maize	Key growth stages	1.0 l/ha
Fruit	Key growth stages	1.0 l/ha
Vegetables	Key growth stages	1.0 l/ha

**For most applications*

How does it do it?

The pure formulation enhances the delivery of potassium to the plant at key times within the crop's growth cycle, with L-PGA increasing the assimilation of nitrogen and carbon within the plant.

Features



- Efficient delivery of potassium in season or when soil condition limits availability
- Increases potassium use efficiency
- Increases nitrogen assimilation
- Increases photosynthesis = increased CO₂ fixation

Benefits

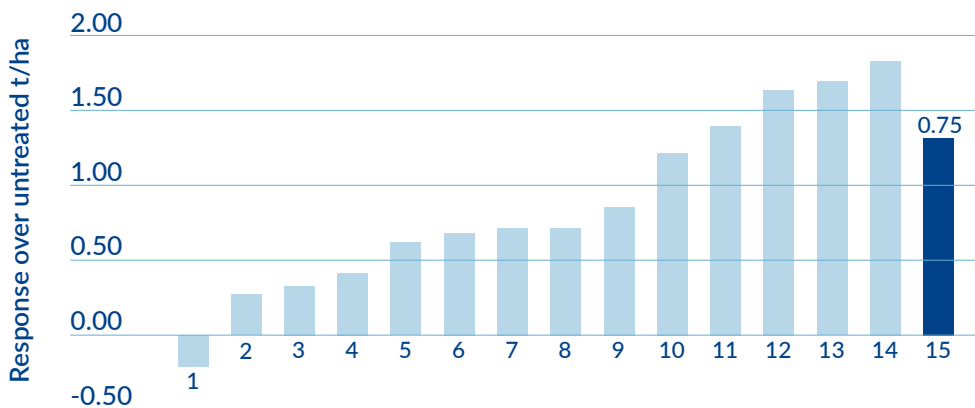


- Maximises potassium delivery to the plant at key growth stages
- Delivers potassium efficiently at key timings
- Optimises cost of potassium fertiliser programme
- Increases leaf protein
- Increases water use efficiency
- Enhances yield / quality
- Improves crop profitability



Results

The response over untreated for Wholly K PGA in Winter Wheat



Unium have joined the dots of potassium delivery with L-PGA to maximise the nitrogen use efficiency benefits with the potassium.



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.

www.agrovista.co.uk/nutrition

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WHOLLY K ^{PGA}



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



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