



**Luxor PGA is an efficient nutrient-biostimulant product to help maximise the availability of phosphorus.**

It contains a 4-15-4 unique blend of nutrients, humic and fulvic acids (soil builders) and L-PGA (pidolic acid) to enhance nitrogen use efficiency, increase photosynthesis and carbon fixation.

*"In comparison with competitor products, Luxor PGA contains 2-3% more organic acids. This further enhances the nutrient availability and uptake, prevents adsorption to soil, increases cation exchange capacity and supports soil biology."*

John Haywood, Unium Biosciences

## 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](http://www.agrovista.co.uk/nutrition)

Matching  
nutrition to  
your



Crop  
requirements



Environmental  
needs



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



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Use plant protection products safely. Always read the label and product information before use.

03/22



Matching nutrition to your



Crop  
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#NavigatingNutrition

# MAXIMISE PHOSPHORUS DELIVERY



# What does it do?

Luxor contains N, P, K and micro-nutrients (copper and zinc) for use in furrow and/or foliar application, delivering nutrients very efficiently to the crop.

It has a low salt index making it ideal for placing near the seed/tuber as it will pull less water from the seed, reducing stress. The high organic content of fulvic and humic acids function as a soil builder, supporting microbial activity.



# Application

CROP	TIMING	DOSE *
Cereals	Planting and key growth stages	1.0 - 2.0 l/ha
OSR	Planting and key growth stages	1.0 - 2.0 l/ha
Maize	Planting and key growth stages	1.0 - 2.0 l/ha
Potatoes	Planting and key growth stages	2.0 - 4.0 l/ha **
Sugar Beet	Planting and key growth stages	2.0 - 4.0 l/ha
Fruit	Planting and key growth stages	2.0 - 4.0 l/ha
Vegetables	Planting and key growth stages	2.0 - 4.0 l/ha
Grassland	Planting and key growth stages	2.0 - 4.0 l/ha

\* For most applications  
\*\* It has been tested up to 40 l/ha application in furrow on potatoes

# How does it do it?

The high-grade formulation enhances the delivery of the nutrients to the plant at key times within the crop's growth cycle.

It also stimulates soil biology to maximise availability of other nutrients, with L-PGA increasing nitrogen assimilation within the plant.

## Features

- The very small particle size increases solubility and uptake
- Increases root biomass
- Increases fertiliser uptake
- Increases nitrogen assimilation
- Increases photosynthesis = increased CO<sub>2</sub> fixation



## Benefits

- Increases phosphorus delivery to the plant at key growth stages
- Ability to deliver key nutrients efficiently at key timings
- Increases leaf protein
- Increases nutrient use efficiency
- Increases soil microbial health and biomass
- Enhances yield quality



High-grade formulation which enhances the delivery of the nutrients to the plant at key times within the crops growth cycle. Also stimulates the soil biology in order to maximise other nutrient availability; with L-PGA increasing nitrogen assimilation within the plant.

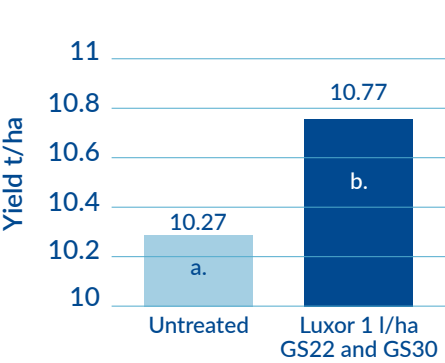
Mark Hemmant



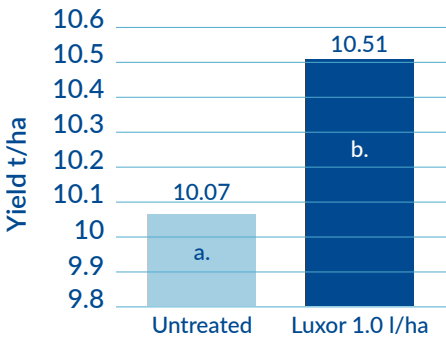
# Results

## Luxor Winter Wheat Autumn and Spring Application

The Effects of Luxor on Winter Wheat Yield.

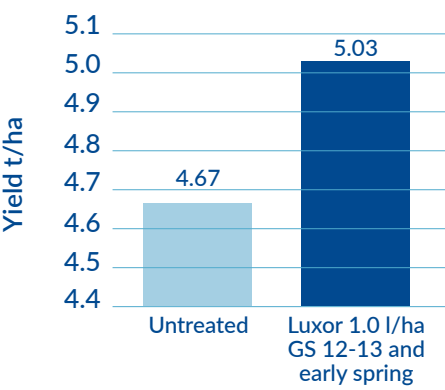


The Effects of Luxor on Winter Wheat Yield when applied at GS22.



## Luxor Oilseed Rape Autumn and Spring Application

The Effects of Luxor on Winter Oilseed Rape Yield when applied at GS12-13 and early spring.



## Potatoes

The Effects of Luxor on Potato Yield when applied at Planting and Meeting along Row. R Burbanks.

