

Utrisha[®] N

Utrisha™ N provides a potato crop with a unique way to capture nitrogen throughout the season, helping plants reach their yield potential.



NUTRIENT EFFICIENCY BIOSTIMULANT

Why use Utrisha N nutrient efficiency biostimulant?

- Maximises crop potential through optimised nitrogen management.
- Utrisha N enhances plant growth by improving the nitrogen availability in the plant throughout the growing season.
- Utrisha N meets changing market expectations by providing a sustainable source of nitrogen.
- In trials, meta data analysis shows on average a 2.5t/ha yield benefit.
- Utrisha N is compatible with Zorvec Endavia, for more information on tank mix partners follow the link: <https://www.corteva.co.uk/tools-and-advice/tank-mix.html>

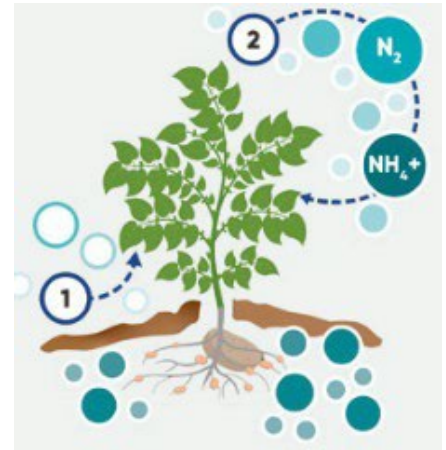
What is Utrisha N?

Utrisha N is a novel nutrient efficiency biostimulant for use in a broad range of crops including potatoes. Utrisha N contains *Methylobacterium symbioticum*, a bacteria found in nature that fixes atmospheric nitrogen for use by the plant. Utrisha N provides a sustainable, alternative source of nitrogen that reduces dependency of nitrogen uptake from the soil and ensures the plant has access to nitrogen all season long.

How Utrisha N Works

1. Utrisha N enters the potato plant through the stomata from where it can colonise the leaves.
2. Utrisha N converts atmospheric N₂ into ammonium which can be used by the plant.

Plants generate methanol during normal growth which is used as a food source by Utrisha N ensuring reliable colonisation.

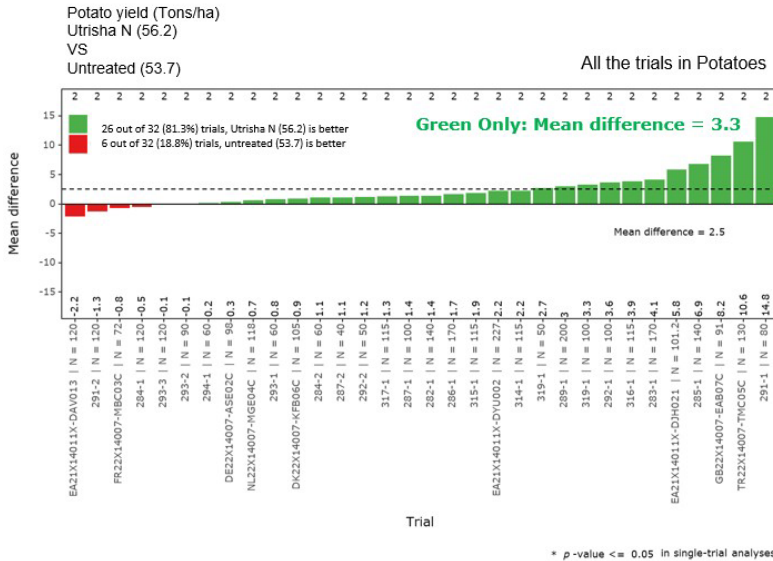


Supplies nitrogen throughout the crop cycle in an effective and controlled way

APPLICATION INFORMATION

PACK SIZE	3kg
RECOMMENDED RATE	333g/ha
RAINFAST	1 hour (leave 24hrs before irrigating as a precaution)
NUMBER OF APPLICATIONS	1 application per crop
APPLICATION TIMING	BBCH 25-33 (before plants meet in the row, immediately before rapid canopy expansion). Application timing depends on the type of potatoes
APPLICATION CONDITIONS - KEY FOR EFFECTIVE COLONISATION OF METHYLOBACTERIUM SYMBIOTICUM	<ul style="list-style-type: none"> • Apply to actively growing plants unaffected by stress. • Apply when the majority of stomata are open • Try to apply when day temperatures begin to reach at least 10°C up to 25°C (maximum 30°C) • Use water with a pH between 5 and 8.

Utrisha N Meta-analysis Row Crops Potatoes “On Top” of standard fertiliser programme strategy



On Top strategy:

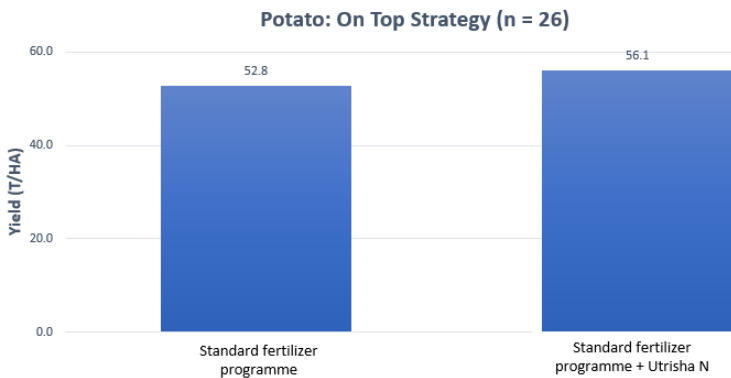
Utrisha N investment: £30/ha
Yield benefit: +3.3 Tons/ha = +£660/ha

Potatoes £200/Ton for November
(www.farming.co.uk)

- For Potatoes, the best strategy is to use Utrisha N on top of the standard fertiliser programme.
- In more than 80% of the case this strategy brings a yield increase over the untreated. The average yield benefit is +3.3 Tons/ha
- Across all the trials the average yield benefit is +2.5 Tons/ha

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