TAKE CONTROL

Reduce the carbon footprint on your farm

2 N 8

FEED WHEAT

agrovista

How it works

Applied directly onto the leaf, MZ28 provides an oily resinous quality, it will not dry out on the surface like other foliar materials, and will remain wet for longer, increasing the amount of N absorbed.

Its unique wetting effect resists crystallisation on the leaf, whilst the polymers stick the product to the leaf, providing protection from the air.

High efficiency: The high bio-availability of the nutrients result **in typically 85-95% utilisation of applied nutrients.** Post emergence foliar application enables inputs to be tailored to crop and seasonal requirements providing increased flexibility of nutritional programmes.

Controlled release: The specialised polymers of variable length degrade and **release their nitrogen over a period of 6-8 weeks** inside the plant providing a sustained period of fertilisation.

Excellent crop safety:
The low salt content and very low biuret content ensures excellent crop safety, even at high temperatures. This enables applications to occur throughout the crop growth cycle.

Volatilisation and salting out:
The specialised formulation results in a low risk of salting out of nutrients on the plant surface and minimal risk of volatilisation, ensuring use of applied nutrients.

Rainfastness: The specialised polymers in MZ28 coat the foliage and then lock into place. The fertiliser remains in place feeding the plant over a 6-8 week period – whatever the weather!

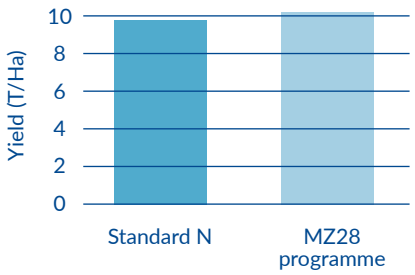
MZ28 bio wetting system:
Contains bio nutrition wetting system. Not only does this system improve wetting and spreading and sticking of the fertiliser, the surfactant components are absorbed by the plant, metabolised, and used for growth.

MZ28 Feed Wheat Trials 2021

Lamport product trials

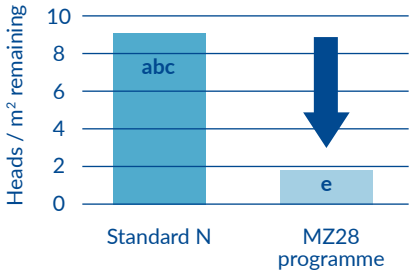
Yield

No statistical difference in yield



Blackgrass heads

Statistically significant reduction



North Yorkshire product trials

Trial protocol was to replace 40kgN/ha with 28l/ha of MZ28.

OPERATION 1

Drop prilled N rate by 40kg/ha

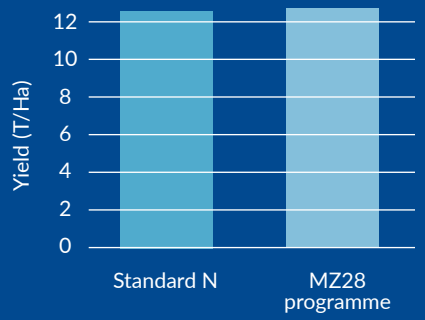
OPERATION 2

Applied MZ28 @ 28l/ha

Total N applied 180-220Kg/ha

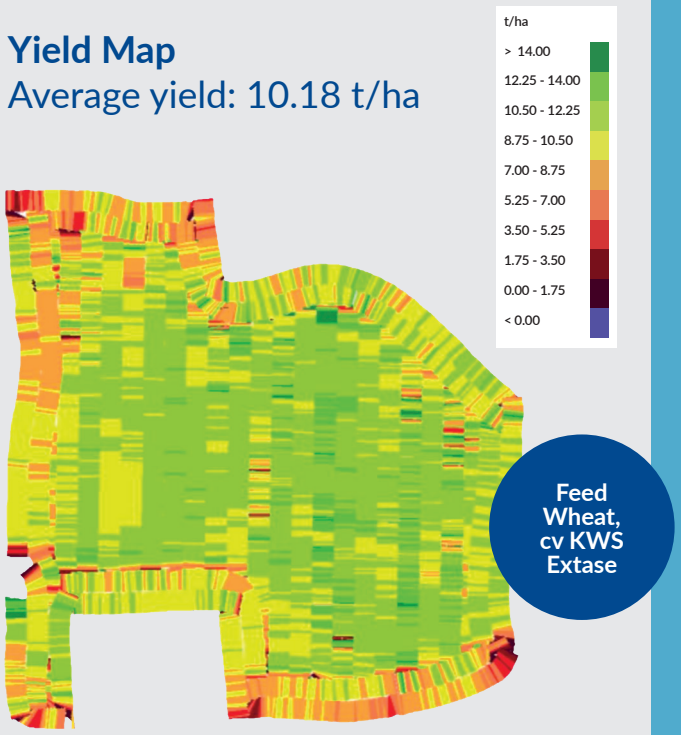
Yield

No statistical difference in yield



Yield Map

Average yield: 10.18 t/ha



MZ28 trials will radically change my nutrient management planning for 2022.

- *Saving 50kg N/ha.*
- *Reducing carbon footprint further and reliance on Nitram"*

Customer feedback

Un-treated

Treated

Lifted performance of light land areas in the field' – Probably due to direct feeding of N through the leaf.

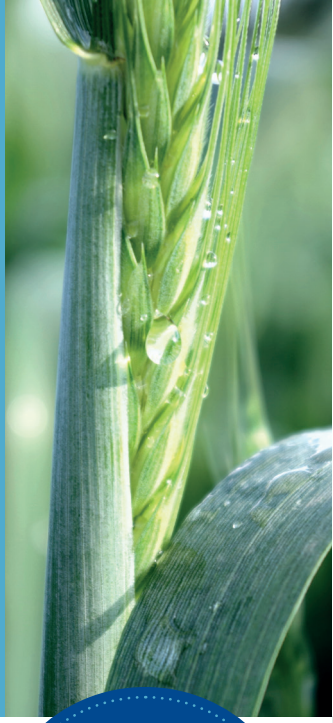
No visual difference but helped areas that were marginal much more"

Mark Fletcher

MZ28 is a foliar applied controlled release nitrogen fertiliser, for use on feed wheat with sustainable long term benefits.

Research has shown that MZ28 helps in blackgrass and disease control levels and can be used with other products to enhance nitrogen utilisation.

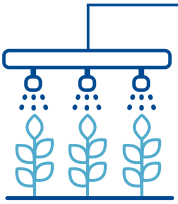
The biggest benefit MZ28 can bring, is to help reduce the carbon footprint on farm.



Benefits

Growers will be able to manage their N applications, maintain efficiencies and yield whilst improving soil health by providing help in:

- ***Carbon footprint*** *reduction*
- ***Reduction*** *in AN to protect soil health*
- ***Reduction*** *in blackgrass levels*
- ***Reduction*** *in disease levels*



Carbon footprint
traditional fertilisers

with **MZ28**

Farmers could have a bigger carbon footprint per ton with traditional fertilisers than they do by incorporating MZ28

It is estimated that more than 50% of a farmer's carbon footprint is linked to fertilisers

Application

MZ28 has been developed to replace 40-50kg of N in feed wheat, timed at the final split, post traditional fertilisation.

Replace **40Kg N** with **28l/ha** of MZ28

Replace **50Kg N** with **35l/ha** of MZ28

MZ28 is 85%+ efficient

Other products can be used in the programme to enhance the nitrogen utilisation.

Speak to one of our agronomists for more information.

MZ 28

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