

Goulding *Enhanced-N*

+ **Nutrisphere-N**

Goulding *Enhanced-N*, (GEN)

What is it?

GEN is a range of high quality, granular nitrogen fertilisers available nationally from our local plants.



GEN product range:

N: 46-0-0
NS: 33-0-0 + 12 S
38-0-0 + 7.5 S

Also available with Wolf Trax copper, manganese and zinc for optimum yields.

Ideal for early spring top-dressing for winter cereals and oilseed rape @ 1-1½ bags/acre.

GEN uses the unique, polymer-based urease and nitrification inhibitor, **Nutrisphere-N**® Nitrogen Fertiliser Manager to stabilise the nitrogen reducing the risk of losses from volatilisation, leaching and nitrification.

GEN is as effective as CAN and gives farmers a viable and economic alternative source of nitrogen.

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How does it work?

By shielding nitrogen from the soil enzymes and bacteria that cause volatilisation and nitrification losses, **Nutrisphere-N**® holds more of the applied N in the more stable ammonium form for longer.

Holding the N in ammonium form for longer reduces losses to volatilisation and nitrification and keeps more of the N available for plant uptake.

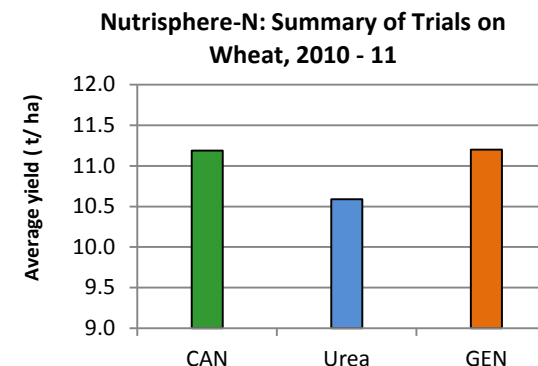
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What are the benefits for farmers?

- Financial savings from lower cost per unit of N and concentrated = less tonnes to transport, store, handle & spread;
- Protected from losses and can therefore be spread from mid-February onwards to boost early spring growth;
- High quality granular product which can be spread to 30m +;

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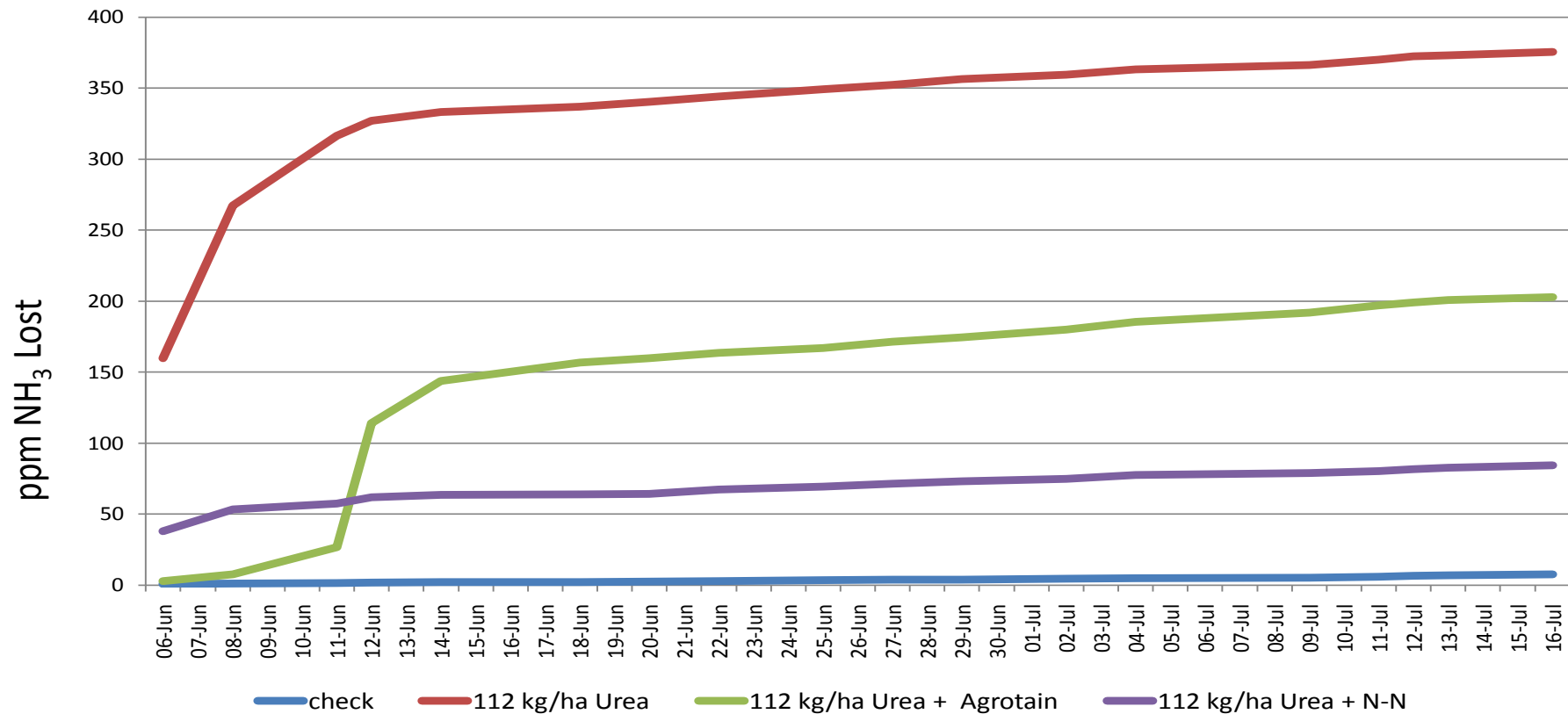
What is the evidence?



A series of independent replicated trials over 2010 – 2012 has demonstrated **GEN** to be more reliable than urea and as effective as CAN. The above graph summarises a network of trials on wheat on a variety of soil types and sites.

GEN is a scientifically advanced fertiliser. Using proven and environmentally safe technology, **GEN** enhances nitrogen efficiency for more profitable farming.

Ammonia Volatilization from Soil Applied Urea



Data Source: 2012 Study by University of Missouri's Delta Research Center