Biologicals Spotlight: Nitrogen Benefits from Utrisha®N a Natural Bacterium

Utrisha® N is a biological additive that captures nitrogen from the air to make it available for plant development for better yield potential.

Nitrogen deficiency in crops like corn and soybeans can have a negative effect on plant health and compromise yield. The active ingredient in Utrisha N is a nitrogen-fixing bacterium that supplies needed nitrogen to crops throughout the growing season to improve crop health and increase yield potential. Utrisha N can be sprayed on a variety of crops during wide application windows without the need for special spraying equipment. For farmers that want to decrease nitrogen loss and increase yields, Utrisha N is an excellent complement to a traditional nutrient management program.

Benefits of Utrisha N:

- It's flexible, offering a supplemental nitrogen source to add to your nitrogen management program.
- It's effective, to enhance nitrogen use efficiency (NUE) and reduce dependency on nitrogen uptake from the soil.
- It's sustainable, with natural bacteria that can supplement nitrogen to the plant.

Utrisha N can increase corn and soybean yields

Corn yield increase

Utrisha N related to yield potential*

YIELD ENVIRONMENT

Low (< 179 bu/A) - 26 trials

Medium (180-219 bu/A) - 118 trials

High (> 220 bu/A) – 214 trials

Soybean yield increase

Utrisha N related to yield potential in high-yielding environments**

* Data is based on average yield advantage of Utrisha N + optimal nitrogen application compared to optimal nitrogen application in 2021 and 2022 field trials. Product performance is variable and depends on a variety of factors including but not limited to weather conditions, soil factors and manner of use or application. Individual results may vary

** Data is based on average vield advantage of Utrisha N treated sovbeans adjacent to untreated soybeans in 2021 and 2022 field trials. Product performance is variable and depends on a variety of factors including but not limited to weather conditions, soil factors and manner of use or application. Individual results may vary. 31 trials of high-yielding soybean environments with greater than 80 bu/A

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YIELD INCREASE

It enters the plant through the stomata and gets into the leaf cells





+ 2.5 bu/A

Check out this video to learn how Utrisha N provides supplemental nitrogen to soybeans to better reach their yield potential.



