

Constant flow of

nitrogen to the plant

Supplies nitrogen throughout the crop cycle in an effective

and controlled way

Timing: Apply to growth stage V4-V8

Best applied in the early morning, when

a greater number stomata are open

Methylobacterium symbioticum



Utrisha® N

Fixes nitrogen from the air and converts it for the plant

- (1) Enters the plant through the stomata and gets into the leaf cells
- 2 Converts N₂ from the air into ammonium resulting in a constant supply of amino acids to the plant

Flexibility

Supplemental nitrogen source to add to nitrogen management program Effective Enhances Nitrogen Use Efficiency (NUE) and reduces dependency on nitrogen uptake from the soil

Natural bacteria that can supplement nitrogen to the plant

Sustainable

Recommendations

- Apply in healthy crops unaffected by poor nutrition or other biotic/abiotic stresses
- Apply with sufficient plant biomass, when the crop presents good soil coverage
- Apply to standard side-dressing fertilization timing as closely as possible
- Mix with water only for best product performance
- Spray volume: between 2 and 25 GPA
- Water total chlorine content: < 2 ppm
- Water pH: between 5 and 8
- Rain fast: one hour after application
- To be used within current nitrogen programs

Corn Yield Increase

Utrisha N related to yield potential*

Yield environment	Yield increase
Low (< 179 bu/A) - 26 trials	+7.4 bu/A
Medium (180-219 bu/A) - 118 trials	+ 5.7 bu/A
High (> 220 bu/A) - 214 trials	+ 3.3 bu/A

*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.

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Composition

Application

Rate: 5 oz/A

