



Utrisha™ N nutrient efficiency optimizer

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

No plant energy required.

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

Sustainable

Natural bacteria that can supplement nitrogen to the plant

Composition

Methylobacterium symbioticum

Application

Timing: Early stages of development (Between 4 leaf and jointing after the winter dormancy)

Rate: 5 oz/A

Max. applications per crop cycle: 1

- Best applied in the early morning, when a greater number stomata are open

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
- **Spray volume:** between 10 and 25 GPA
- **Water total chlorine content:** < 1 ppm
- **Water pH:** between 5 and 8
- **Rain fast:** one hour after application
- To be used within current nitrogen programs

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