



### 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 N<sub>2</sub> 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:** 4 leaf to first node

**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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