



### 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

#### 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:** Apply to growth stage V4-V8

**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
- **Mix with water only** for best product performance
- **Spray volume:** 10 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

\*Data is based on average yield advantage of Utrisha N + optimal nitrogen application compared to optimal nitrogen application in 2021 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. 26 trials of high yielding soybean environments with greater than 80 bu/A.

**Soybean yield increase from Utrisha™ N related to yield potential in high yielding environments\***

**+ 3.2 bu/A**

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