



Supplies nitrogen throughout the crop cycle in an effective and controlled way

Composition

Methylobacterium symbioticum

Application

Timing: Apply from when the crop canopy covers enough of the ground surface area to intercept most of the spray application up to the flower growth stage

Rate: 5 oz/A

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

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

Sustainable

Natural bacteria that can supplement nitrogen to the plant

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 when air temperatures are less than 80° F**
- **Mix with water only** for best product performance
- **Water total chlorine content:** < 2 ppm
- **Mixing:** If possible, add Utrisha N to the spray solution immediately before application. Spray solution pH should be between 5 and 8
- **Water pH:** between 5 and 8
- **Rain fast:** one hour after application
- To be used within current nitrogen programs

Tomato Yield Increase

Utrisha[®] N related to yield potential*

+ 11% bu/A

*Data is based on average yield advantage of Utrisha N + standard nitrogen application compared to standard nitrogen application in 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. 5 trials of tomatoes in California, Florida and Georgia.

