



N-Shield™

Sustainable Enhanced Nitrogen



N-Shield™

- A cutting-edge formula that absorbs throughout the Urea granule
- Increasing Agricultural performance while decreasing its environmental footprint
- Delivering you more flexibility with your nitrogen application, giving you more certainty on your investment



Significant reduction in NH₃ losses



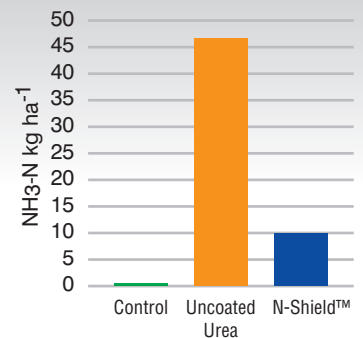
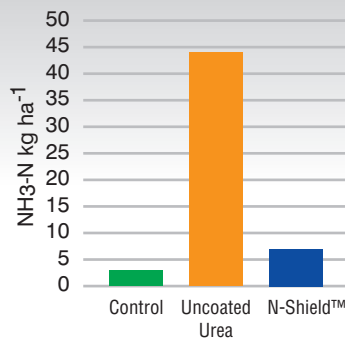
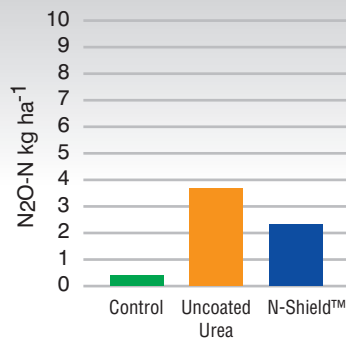
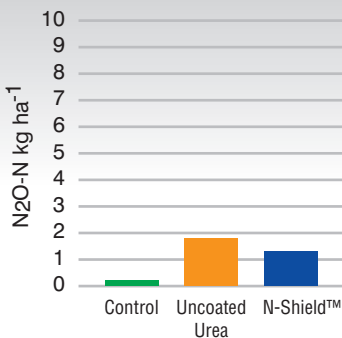
Up to 40% increase in Nitrogen Use Efficiency due to reduced losses



Up to 40% reduction in N₂O emissions (see graphs below)

Nitrous Oxide Emission Comparison Uncoated Urea vs N-Shield™ In Sandy Loam

Ammonia Volatilisation Comparison Uncoated Urea vs N-Shield™ In Sandy Loam



Nitrous Oxide emission in soil of 40% moisture content

Nitrous Oxide emission in soil of 80% moisture content

Ammonia emission in soil of 40% moisture content

Ammonia emission in soil of 80% moisture content

Study conducted by the Queensland University of Technology 2022