



30% Dicyandiamide (DCD) Nitrification Inhibitor

**MAKE SURE YOUR
ANHYDROUS AMMONIA
MAKES IT INTO YOUR CROP
WITH UNILOK-NH3™**

HOW IT WORKS

Unilok-NH3™ contains DCD to prevent anhydrous ammonia losses from nitrification, such as those from denitrification and leaching. DCD, the active ingredient present in Unilok-NH3, is an NRCS-approved nitrogen stabilizer. It acts by blocking the active site of the AMO enzyme preventing conversion of NH4 Nitrogen to NO3 Nitrogen forms that can be susceptible to environmental losses.

TIMING

To be used with Anhydrous
Ammonia Fall & Spring
Applications

USE RATE

24-32 oz/acre

PRODUCT BENEFITS

NUTRIENT AVAILABILITY

- Reduces N losses from leaching and denitrification to the environment

CROP HEALTH

- Can be used as part of nutrient management EEFs programs that may result in direct economic benefits

EASE OF USE

- Can be added directly into anhydrous tanks or during application
- Noncorrosive and non-explosive, which is a significant safety and economical advantage when compared to other NH3 inhibitors
- A structured use rate based on total N applied results in a more economical approach for treating/protecting your N
- Is bacteriostatic, meaning it does not have a negative effect on soil bacteria like other inhibitors

Researchers found worldwide applied Nitrogen loss factors vary from 30.2-53.2%. These losses can be minimized up to 15-30% by adopting improved agronomic approaches such as optimal dosage of N, using N stabilizers, and appropriate application timing and technique.