

GENERAL INFORMATION

N-Lock is a nitrogen stabilizer designed for use with anhydrous ammonia and other nitrogen fertilizers. Its nitrification inhibiting technology helps keep nitrogen available in the soil by reducing losses from leaching and denitrification.

N-Lock may be tank mixed with NH₃ or applied through an approved injection system for pre-plant, side-dress or surface applications.

Protect from freezing.



TECHNICAL DATA

Weight per Gallon at 68°F	9.6 lb/gal
Specific Gravity	1.15
pH at 68°F	9.0
Freezing Point	32°F



INGREDIENTS

ACTIVE INGREDIENTS	
Dicyandiamide (DCD)	28%
INERT INGREDIENTS	
Dimethyl sulfoxide (DMSO & solvents).....	72%



N-Lock



2058 H Rd
Seneca, KS 66538

NET CONTENTS:
2.5 U.S. GALLONS (9.46 L)



APPLICATION RATES

N-Lock nitrogen stabilizer is supplied as a 28% by weight active ingredient solution.

Recommended rates are based on typical field conditions associated with nitrogen reducing loss through leaching and denitrification. Higher rates may be appropriate where conditions increase the potential for nitrogen loss, including:

- Poorly drained, waterlogged or heavily compacted soils
- Porous soils or areas subject to leaching, excessive rainfall or high water movement
- Crops or field conditions where maintaining nitrogen in the ammonium form for a longer period is beneficial

Recommended Rates

Anhydrous Ammonia	5-7 qts/ton
Urea	3 qts/ton
UAN	2 qts/ton
Liquid Manure	1-2 pt/acre

ANHYDROUS AMMONIA APPLICATION

Operators must use appropriate personal protective equipment and follow all safety requirements associated with handling anhydrous ammonia.

Tank Blending

Do not combine this product with Dicyandiamide (NBPT) products. N-Lock is soluble in liquid anhydrous ammonia and may be introduced into the anhydrous tank through the liquid fill valve before, during, or after loading. Use an appropriate pump and metering system to introduce the specified amount of N-Lock into the tank.

Apply treated anhydrous ammonia using conventional ammonia application equipment.

Downstream Injection Systems

N-Lock may also be applied using downstream injection equipment designed to introduce the product into the anhydrous ammonia stream near the toolbar without requiring direct tank mixing.

Follow the injection-system manufacturer's operating instructions and calibrate equipment to deliver the appropriate N-Lock application rate.



GENERAL USE PRECAUTIONS

NOT A FERTILIZER SUBSTITUTE. NOT RECOMMENDED FOR FEED APPLICATION.

Read and follow all label precautions and review the Safety Data Sheet before handling or use.

Do not apply directly to water. Prevent product, equipment rinse water and waste materials from entering waterways, drains or sewers.

Use and disposal must comply with all applicable local, state and federal laws and regulations.

Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Wash hands, forearms and face thoroughly after handling. Wear appropriate eye, skin and clothing protection, including chemical-resistant gloves, long sleeves, long pants and chemical splash goggles.

If on skin: Wash thoroughly with water. Remove contaminated clothing and wash before reuse.

If skin irritation occurs: Seek medical advice or attention.

In case of fire: Use CO₂, dry chemical powder, sand or foam to extinguish.

Store in a cool, well-ventilated area. Dispose of product, container and waste materials through an appropriately licensed facility and in accordance with applicable local and state requirements.