

# N-EDGE<sup>®</sup> SOIL 2

High-load DCD nitrogen stabilizer.

N-Edge<sup>®</sup> Soil 2 is a fertilizer additive for Urea, Urea Ammonium Nitrate (UAN) and Anhydrous Ammonia, which inhibits nitrification of nitrogen in the soil, reducing the loss of nitrogen by leaching and denitrification. N-Edge Soil 2 does not contain a dye. Dyed colorants are available when desired for urea or UAN applications.

### Guaranteed Minimum Analysis

30%.....Dicyandiamide (DCD): CAS RN 461-58-5

### WHMIS Hazardous Ingredients and Impurities

70%.....Methane, 1-1'-sulfinylbis CAS RN 67-68-5

## KEEP OUT OF REACH OF CHILDREN

### HAZARD STATEMENTS:

Wear protective gloves, clothing and eye protection while handling material.

### Other hazards which do not result in classification

Repeated or prolonged contact with skin may cause dermatitis. May cause garlic-like odor of the breath; a bluish-purple discoloration of skin; or an excess of methemoglobin in blood.

**SUPPLEMENTAL LABEL INFORMATION:** Restricted to professional users. Do not apply directly to soil, always mix with fertilizer for application.

### DIRECTIONS FOR USE

Read entire document before use, including the "Limited Warranty/Limitation of Liability" and "Warranty Disclaimer" at the end of the label. If the terms are unacceptable, return at once unopened to place of purchase. Use only according to label directions. Always wear appropriate personal protective equipment. Observe all precautions and read safety data sheet (SDS) before use. Always adhere to applicable provisions of Federal, State, provincial, and local laws and regulations.

**Application Rates:** N-Edge Soil 2 is a nitrogen stabilizer specific for Urea, UAN and Anhydrous Ammonia liquid fertilizer. This product is recommended for surface application of urea and urea containing fertilizers such as pre-plant, pre-emergence, side-dress, top-dress,

broadcast, or other post-planting applications. The benefits of N-Edge Soil 2 as a nitrification inhibitor are a result of its ability to prevent ammonium loss in the form of nitrates or nitrous oxide by runoff or denitrification.

### N-Edge Soil 2 recommended use rate:

UREA	3 qt/ton UREA
UAN	2 qt/ton UAN
Anhydrous Ammonia	5-7 qt/ton or 10-32 oz/A when injecting near toolbar
Liquid Manure	1-2 pt/A applied at the time of manure application

### Blending with UREA: Equipment Requirement

1. Fertilizer blender or other suitable equipment for blending the urea prills or granules with N-Edge Soil 2.
2. Scale to weigh materials accurately.
3. A rotary device that can tumble the urea and allow for uniform contact with product.

### Process:

1. Wear appropriate personal protection equipment according to the SDS.
2. Weigh the urea and transfer to blending vessel.
3. Apply the desired quantity of N-Edge Soil 2 to the blender.
4. Under certain temperature and humidity conditions, coated urea may become tacky, an addition of a drying agent is recommended in such an event.

### Blending with Anhydrous Ammonia: Tank Blending Procedures

1. Wear appropriate personal protection equipment according to the SDS.
2. Pump the appropriate rate of N-Edge Soil 2 into the anhydrous tank through the liquid fill valve anytime while filling, prior to filling or after filling.

### Using of an Injection System

Follow equipment manufacturers directions when utilizing an injection system that introduces N-Edge Soil 2 into anhydrous near the tool bar mixing into the anhydrous tank.

### UAN use:

Fill spray tank half full of UAN and add N-Edge Soil 2 directly to the UAN solution and agitate. Allow agitation to continue while adding the remainder of UAN until thoroughly mixed into complete solution with N-Edge Soil 2.

### Storage

Do not store near heat or open flame. Keep packaging closed, securely fastened and upright. Store between -10°C (14°F) and 38°C (100°F). Store away from food, drink and animal feed.

### For Chemical Emergency:

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

### IMPORTANT WARRANTY DISCLAIMER AND NOTICE READ CAREFULLY BEFORE PURCHASE OR USE OF THIS PRODUCT

**Conditions of Sale and Warranty Limitation:** The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of CHS Inc. or the seller. All such risks shall be assumed by the buyer. CHS Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. CHS Inc. makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall CHS Inc. or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CHS Inc. and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CHS Inc.

**NET CONTENTS: 250 gal (1106.54 kg)**

**NET WEIGHT: 2,439.50 lbs**

**9.76 lbs/gallon at 60° F**

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