



CORNBELT® N-TICE™

**NBPT
DCD**

HIGHLY CHARGED RESIN

FERTILIZER ADDITIVE FOR UREA & UAN

**Inhibits nitrification of nitrogen at or in the soil surface,
reducing the loss of nitrogen by volatilization, leaching and denitrification**

GUARANTEED MINIMUM ANALYSIS:

N-(n-butyl) thiophosphoric triamide (NBPT)	15.0%
Dicyandiamide (DCD)	10.0%
Resin, solvents and inert ingredients	75.0%
TOTAL:	100.0%

NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE



DANGER

**STOP – READ ENTIRE LABEL BEFORE USING
AND
KEEP OUT OF REACH OF CHILDREN**

Van Diest Supply Company
1434 220th Street, Webster City, Iowa 50595
515-832-2366

Net Contents: 2.5 gallons

Hazard Statements

Causes skin irritation and severe eye damage. May damage fertility or the unborn child.

Precautionary Statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust, fumes, gas, mist, vapor, or spray. Wash face, hands, and any exposed skin thoroughly after handling.

First Aid

Immediately call a poison center or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

GENERAL INFORMATION

Cornbelt® N-TICE™ is a product that protects both granular nitrogen and liquid UAN nitrogen fertilizers from potential losses through volatilization, leaching and denitrification. Cornbelt® N-TICE™ contains a urease inhibitor to impede the hydrolysis of urea and reduce the consequent ammonia volatilization for urea placed at or near the soil surface. Cornbelt® N-TICE™ also contains a monoamine oxygenase (MAO) inhibitor to delay the nitrification of ammoniacal and urea nitrogen fertilizers and minimize subsequent nitrate leaching for fertilizers placed at or below the soil surface. Cornbelt® N-TICE™ works best when evenly sprayed onto granular nitrogen fertilizer, or thoroughly mixed with liquid UAN nitrogen fertilizers, that are applied to the soil. Nitrogen fertilizers treated with Cornbelt® N-TICE™ should be applied to the soil in the same manner as nitrogen fertilizers without Cornbelt® N-TICE™. Consult local agronomist for specific recommendations.

STORAGE AND DISPOSAL

Storage: Cornbelt® N-TICE™ is suitable for long-term storage. Keep containers tightly closed in a dry, cool, and well-ventilated place that meet or exceed governmental regulation guidelines. Keep product from prolonged freezing conditions. Store at temperatures between 20 °F and 100 °F. If the product is subjected to temperatures below 20 °F for a prolonged period, the product should be moved to conditions above freezing and agitated for 30 minutes after it is warm and again prior to use. At this point, the product will return to its normal liquid state and may be used normally. No degradation of active ingredient will occur with the product that has been frozen. Avoid storage in high temperatures. Once a container is opened it is recommended to utilize its contents within thirty days. Always keep the lid on the container when not in use.

Disposal: Triple pressure rinse (or equivalent). Recycling decontaminated containers is the best option for container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit www.acrcycle.org. Dispose of contents/container in accordance with federal, state, and local regulations.

USE PRECAUTIONS

Do not use Cornbelt® N-TICE™ as a seed treatment. Cornbelt® N-TICE™ can be used as a fertilizer additive for in-furrow planting. Read the Safety Data Sheet (SDS) and label before use, including but not limited to "USE PRECAUTIONS" and "Warranty". Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, state, and local laws and regulations. Completely empty contents into application equipment. Recycle, or dispose of empty container by depositing in sanitary landfills, or as required by law. Do not reuse containers. Observe all warnings on label. Read the SDS prior to use.

Wear eye protection, face protection, protective gloves and protective clothing.

DIRECTIONS FOR USE

This product is not recommended for use as a fertilizer substitute. Read entire document before use, including the "Conditions of Sale and Warranty" 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 the SDS before use. Always adhere to applicable provisions of federal, state, and local laws and regulations.

SOIL TYPES, CROPS AND TURFGRASS

Cornbelt® N-TICE™ may be used with any crop, including turfgrass, and in any soil type whereas best management practices recommend the use of various nitrogen fertilizers and the use of a volatilization/nitrification inhibitor and/or urease inhibitor is deemed beneficial, and the fertilizer is placed on or below the soil surface.

APPLICATION RATES

Cornbelt® N-TICE™ is a nitrogen stabilizer specific for Urea and UAN. 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 Cornbelt® N-TICE™ as a nitrogen stabilizer are a result of its ability to impede and delay ammonium loss in the form of volatilization, leaching and denitrification. Cornbelt® N-TICE™ recommended use rates:

Urea: 2 – 3 quarts / ton or 3.2 – 4.8 ounces / 100 lbs
UAN: 1.5 – 2.5 quarts / ton or 2.4 – 4 ounces / 100 lbs

MIXING INSTRUCTIONS

The quality and composition of nitrogen fertilizers varies greatly. Before evenly blending Cornbelt® N-TICE™ with nitrogen fertilizers, those fertilizers should be "batch tested" to determine compatibility with Cornbelt® N-TICE™. Cornbelt® N-TICE™ may not be compatible with other fertilizer additives. It is recommended that a jar test be conducted, mixing the additives at the same ratios as to be field applied. For optimum results pretreat all granular nitrogen fertilizer and allow drying before blending with other products. More specific blending, mixing, and storage instructions are available. Cornbelt® N-TICE™ can be used on urea-ammonium sulfate (AMS) blends with 30% AMS or less. AMS varies widely in particle size and blends are known to absorb moisture from the atmosphere. Treated blends may appear wetter than non-blends. Treat the urea with Cornbelt® N-TICE™ first, add phosphate and/or potassium granular fertilizers and add AMS last. Minimize the blend time to prevent particle degradation but achieve uniform blending.

Blending with Urea

Procedure: Cornbelt® N-TICE™ should be evenly sprayed (not poured) onto granular nitrogen fertilizers. Standard spraying equipment works well for evenly spraying granular nitrogen fertilizers. In cold conditions, check spray equipment to insure even application on urea. Cornbelt® N-TICE™ may be more viscous (thicker) under cold conditions and pump settings may need to be adjusted accordingly. Do not apply Cornbelt® N-TICE™ to granular nitrogen fertilizer that is wet prior to treatment. To prevent streaking in the field, do not apply excessively wet fertilizer. Increasing air flow and ventilation can be used to dry fertilizer if needed. Cornbelt® N-TICE™ can be used with multiple types of granular nitrogen fertilizers. For optimum results pretreat all granular nitrogen fertilizer and allow drying before blending with other products.

Equipment Requirements: Equipment required for blending Cornbelt® N-TICE™ on urea include an accurate weighing system, a clean fertilizer blending system that allows the Cornbelt® N-TICE™ to be thoroughly blended and dried onto the granular nitrogen fertilizer. Add the appropriate amount of Cornbelt® N-TICE™ to match the fertilizer batch size evenly throughout the mixing and blending process generally allowing at least one minute of blending time per ton of fertilizer at a minimum. Atmospheric conditions such as temperature and relative humidity can affect the drying time of Cornbelt® N-TICE™ on the urea. If need be, a small amount of absorbent drying agent can be added to the mix during the mixing and blending process.

Blending with UAN

Procedure: Follow general industry suggestions for mixing by filling the sprayer or tender tank approximately half full of a urea ammonium nitrate (UAN) fertilizer and begin the agitation system. Then add the appropriate amount of Cornbelt® N-TICE™ to the tank followed by any additional UAN needed to complete the batch.

CONDITIONS OF SALE AND WARRANTY

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 beyond the control of Van Diest Supply Company or the Seller. All such risks shall be assumed by the Buyer. Van Diest Supply Company 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. VAN DIEST SUPPLY COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL VAN DIEST SUPPLY COMPANY OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Van Diest Supply Company 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 Van Diest Supply Company. Cornbelt® and Cornbelt Logo® are registered trademarks of Van Diest Supply Company. N-TICE™ is a trademark of Van Diest Supply Company. Van Diest Supply Company, Webster City, Iowa 50595