N-Edge® Soil reduces nitrogen loss in three ways:

• **Helps prevent leaching** (movement and loss of nitrate below the root zone by rain and irrigation water due to negatively-charged soil and organic matter particles repelling nitrate).

• **Helps prevent denitrification** (soil microbes converting nitrate to a gaseous form, which can then be lost to the atmosphere as a greenhouse gas).

• **Helps slow transformation of ammonium to nitrate** (holding nitrogen for a longer time in a form that’s less susceptible to leaching).

Protecting nitrogen at the root zone is especially critical for:

- Wet or poorly drained soils
- Tile-drained soils
- Coarse, sandy soils
- Heavier soils that are traditionally cultivated

### USE RATE PER TON OF FERTILIZER

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>4 quarts per ton</td>
</tr>
<tr>
<td>UAN</td>
<td>2 quarts per ton</td>
</tr>
</tbody>
</table>

Always read and follow label directions.
Improving nutrient management
Up to 35 percent of your nitrogen investment can be lost by leaching and/or denitrification. Typical spring conditions (warm and wet) increase the chance for nitrogen losses, which means less nitrogen may be available for the crop during intense growth stages. N-Edge® Soil helps reduce nitrogen losses, providing a better nitrogen supply for early growth, yield optimization and plant health.

The active ingredient in N-Edge® Soil temporarily inhibits the activity of soil bacteria that carry out the conversion of ammonium to nitrate. Ammonium is held by soils, improving nitrogen supply to the plant and avoiding nitrogen losses. In addition, ammonium nutrition can benefit overall plant nutrition by reducing pH in the soil near the root zone, which leads to better phosphorus, iron, manganese, copper and silicon nutrition.

Superior formulations and stewardship
N-Edge® Soil contains an effective penetrating agent that ensures its proven active ingredient, DCD, spreads throughout the treated fertilizer granule for maximum effectiveness.

The product provides superior handling because it dries faster, covers better and enables treated fertilizer to flow better. In addition, the product’s bright blue color makes it easy to see where treated fertilizer has been applied, helping to ensure nutrients are in the right place.

Increase nitrogen efficiency
Combined with urea or urea-containing fertilizers prior to application, N-Edge® Soil creates an enhanced efficiency fertilizer for all crops, turf and forestry. The combination can be incorporated or applied pre-plant, side-dress or used for surface applications.

Always read and follow label directions.