



Agrotek™ Stabilized Nitrogen

Agrotek is a granular fertilizer formulated by combining a urease inhibitor and a nitrogen stabilizer.

- Prevents nitrogen loss into the atmosphere by minimizing volatilization
- Leaching and denitrification of nitrogen in the soil are minimized
- Granulated for reliable dispersion in every granule
- Eliminate treating urea with other nitrogen enhancing products to save on mixing expense
- Use safely on all crops and pastures requiring a nitrogen fertilizer
- Top-dress or surface broadcast without the need for incorporation
- Nutrient efficiency increases your yield potential
- Agrotek is a safe and environmentally-friendly substitute for urea or ammonium nitrate

Usage and Recommendations:

- Nitrogen use rates can be similar to urea and ammonium nitrate
- Broadcast applications at typical urea or ammonium nitrate use rates
- Usable on varied soil textures
- Mixable with micro nutrients such as manganese, sulfur, and zinc
- Combines with other urea-compatible fertilizers

REDUCE NITROGEN LOSS

Nitrogen loss can limit growth. To improve yields using stabilized Nitrogen is a proven solution.



THE NITROGEN CYCLE

Nitrogen loss can occur 3 ways;

Ammonia Volatilization.

Nitrogen is lost into the atmosphere when untreated urea-based fertilizers are applied to the surface of the soil and, due to lack of rainfall, irrigation or tillage, fails to move below the soil surface. When this occurs urease quickly breaks the urea molecule into ammonia gas.

Nitrate Leaching.

If nitrate is negatively charged, water may percolate it below the root zone. Soil particles may be unable to hold the nitrate.

Denitrification.

This occurs when nitrate nitrogen is converted back to a gaseous form allowing it to diffuse and be lost into the atmosphere. Saturated soil can cause denitrification.

