

FLORATINE | SOIL PRODUCTS

VOLATEX™

Urease Inhibitor

VOLATEX

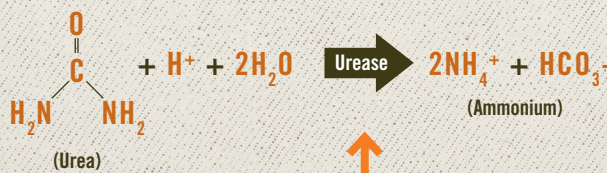
Nitrogen Stabilizer Plus Urease Inhibitor

Volatex™ is a dry, soluble additive ideal for enhancing any urea or UAN solutions to prevent nitrogen loss and gain the flexibility needed to manage or reduce application rates, saving time and expense - all while ensuring nitrogen availability for turf uptake.

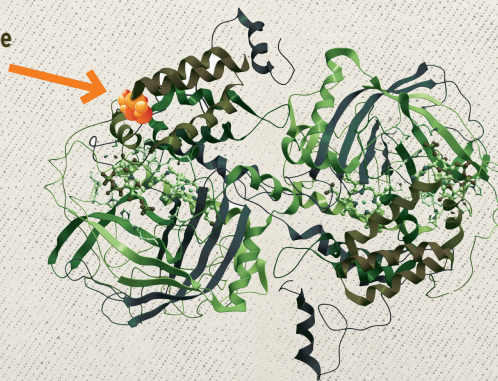
BENEFITS:

- ✕ **PROTECTS AGAINST NITROGEN LOSS THROUGH VOLATILIZATION**
- ✕ **REDUCES LEACHING; KEEPING NITROGEN AVAILABLE IN THE PLANT'S ROOT ZONE**
- ✕ **STOPS DENITRIFICATION BY PREVENTING NITRATES FROM CONVERTING TO GASEOUS FORMS**
- ✕ **DELIVERS RAPID GREEN-UP AND SUSTAINED LONGEVITY**

The VOLATEX stabilizer "key" fits perfectly into the urease "lock," which prevents urease from breaking down urea.



The VOLATEX stabilizer controls volatilization process by blocking this enzyme.



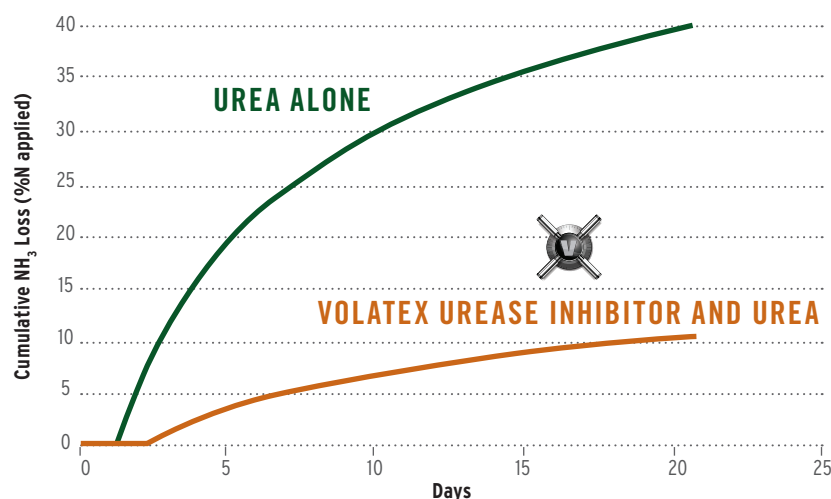
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APPLICATIONS WITH VOLATEX

VOLATEX REDUCES VOLATILIZATION

Recent turfgrass research has shown that when irrigation (greater than 1/2") did not follow a liquid urea application 50% of the nitrogen volatilized from the surface within seven days and was lost to the atmosphere as ammonia gas.¹



APPLICATION RATES

Volatex should be introduced to melted urea or UAN solution at the following rates prior to adding pesticides or surfactants.

UREA/UAN/ AMSO4	Ounces per Pound	Ounces per 50 Pounds	Volatility Protection	Approx. Color Response*
Standard	0.16	8	7 days	6-8 Weeks
Premium	0.32	16	14 days	12-16 Weeks

* These estimates are based on an application rate of 44 pounds of Nitrogen per acre. The response length may be shorter in sandier soils and longer in heavier soils.

When using any soluble fertilizer product, there may be risk of insoluble contaminant that can clog nozzles and reduce the accuracy of spray applications. It is highly recommended that all primary and in-line filters and strainers be used to minimize this risk.

To ensure accurate spray rates, add desired amount of Volatex™ urease inhibitor and other tank mix partners to spray solution prior to reaching 100 gallons of the final tank mix.

INGREDIENTS

N-(n-butyl) thiophosphoric triamide - Urease inhibitor
Dicyandiamide - Organic nitrogen stabilizer

PACKAGING

20 pound (9.07kg) Resealable Container

STORAGE

Volatex can be added to melted urea or UAN solution and stored for up to 12 weeks before application without affecting performance. Store at temperatures below 100 °F (28 °C).

¹Joo, Y. K., N. E. Christians, G. T. Spear, and J. M. Bremner. 1992. Evaluation of Urease Inhibitors as Urea Amendments for use on Kentucky Bluegrass Turf. Crop Science. 32: 1397- 1401.

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