



NITRAIN® 3.0 nitrogen stabilizer is engineered to reduce nitrogen volatilization of urea based fertilizers. NITRAIN 3.0 reduces volatility by inhibiting the activity of the urease enzyme. Urease is a naturally occurring enzyme in the soil responsible for breaking down urea when moisture and organic matter are present. Up to 40% of nitrogen can be lost to volatilization within hours of application.

PRODUCT FEATURES

- Built on a proven and reliable platform of NBPT chemistry
- Utilizes a more concentrated use rate for better handling in cool weather
- Updated formulation provides improved distribution on the urea prill and better treated product handling

GROWER BENEFITS

- Prevents the volatilization of both UAN and Urea fertilizer applications for up to 14 days
- Increases the efficiency and utilization of nitrogen for a more sustainable approach to nitrogen fertilization
- Maximizes yield by decreasing nitrogen losses due to volatilization of surface applied fertilizers containing urea

ACTIVE INGREDIENTS

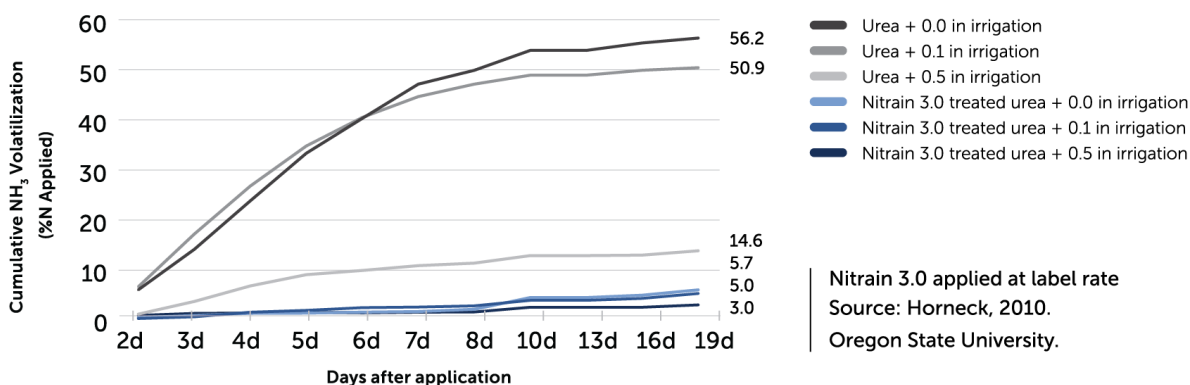
N-(n-butyl) thiophosphoric triamide

RATES

2 qt/ton of Urea; 1 qt/ton of UAN

EFFECT OF IRRIGATION ON AMMONIA VOLATILIZATION

Field Study | Avg. Temp: 45°F | Nitrogen Rate: 100 lbs N/A



The underlying data was provided by Oregon State University under a Research Trial Financial Support Agreement with Koch Agronomic Services, LLC and neither Oregon State University, nor the individual researchers referenced, endorse or recommend any product or service.

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