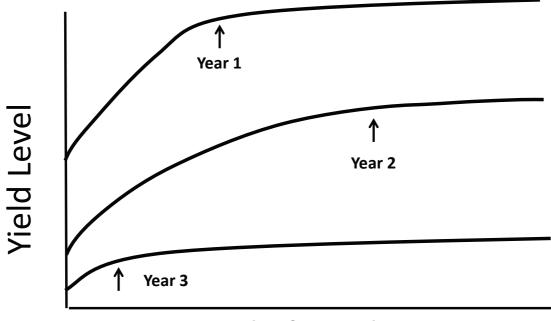
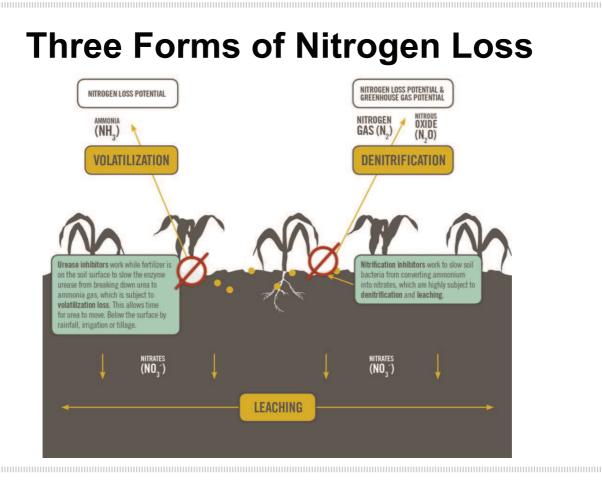


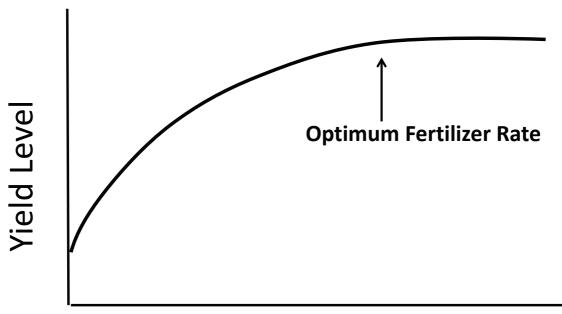
Seasonal Affect on Fertilizer Requirement



Level of Fertilizer



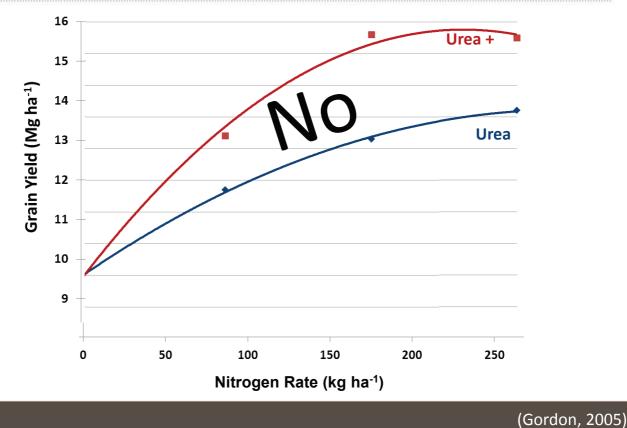
Fertilizer Response Curve



Level of Fertilizer



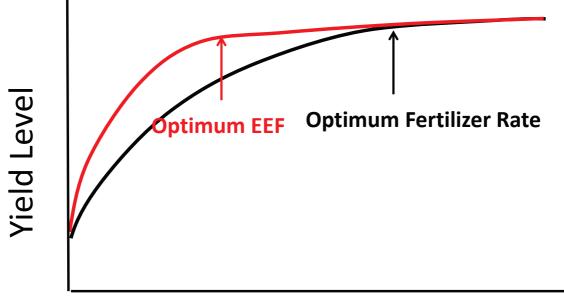
Enhanced Efficiency Fertilizer?



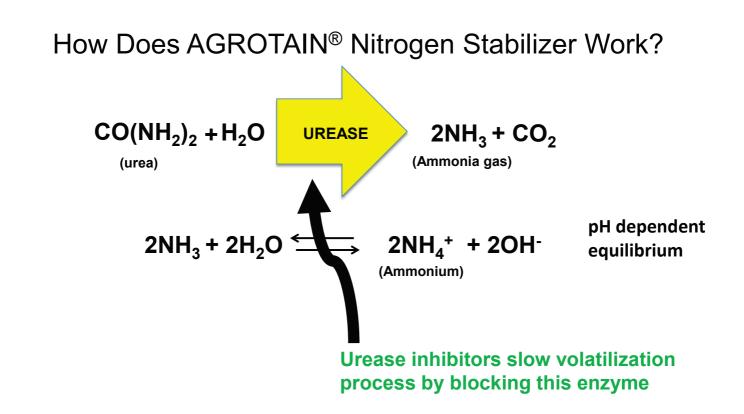


Enhanced Efficiency Fertilizer

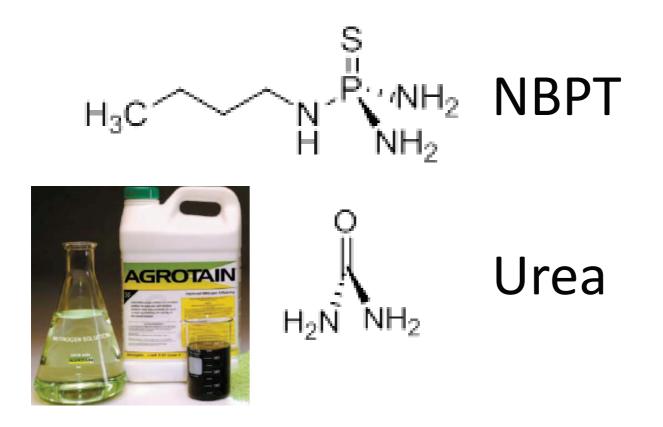
noutranoutranoutranoutran



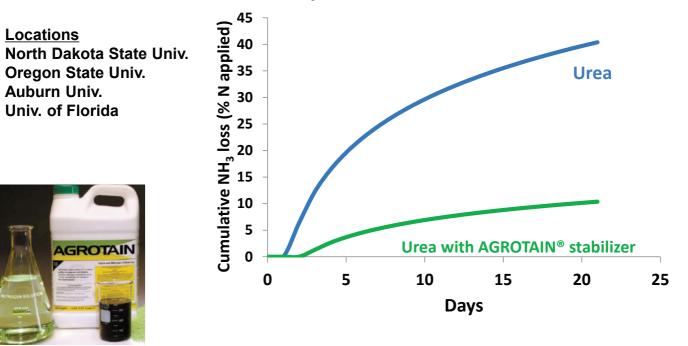
Level of Fertilizer



Mode of Action of AGROTAIN[®] Stabilizer



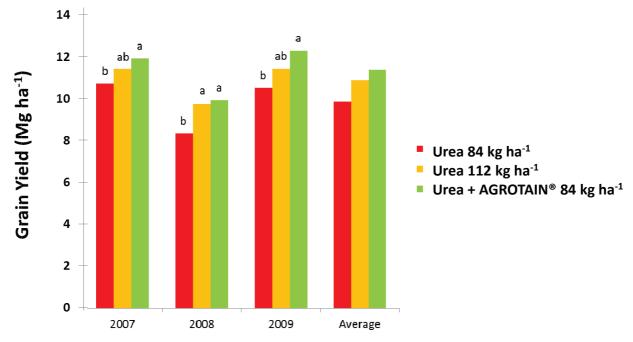
CUMULATIVE N LOSS VIA VOLATILIZATION



University Lab and Field Volatilization Studies



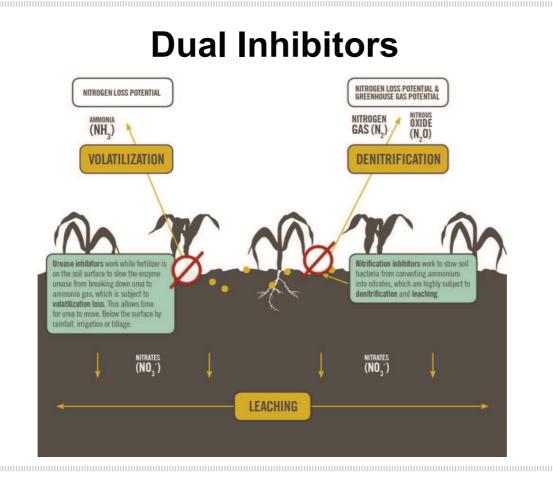
KENTUCKY RESEARCH RESULTS - CORN



Treatments were broadcast at 1-2 weeks after planting

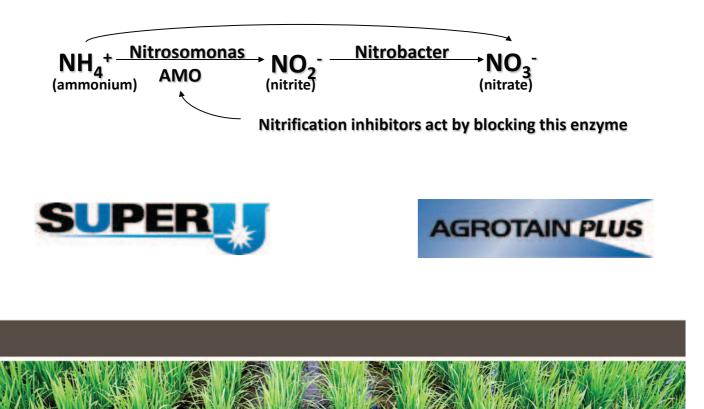
Within each year, bars followed by the same letter are not statistically different

Source: Murdock, 2009. University Kentucky.

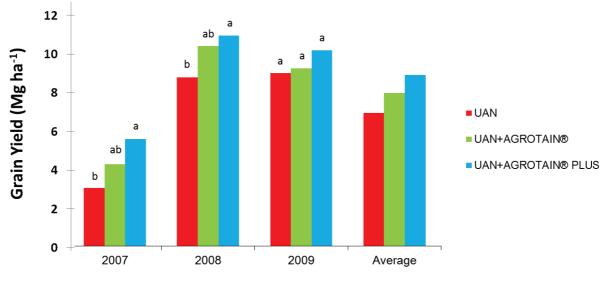


Nitrification Mode of Action

Nitrification



ILLINOIS RESEARCH RESULTS - CORN



Nitrogen rate of 134 kg N ha⁻¹

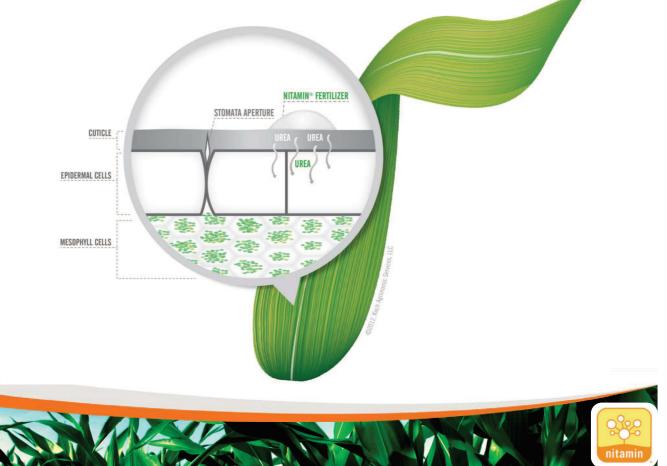
.

- Treatments were broadcast at pre-plant
- Within each year, bars followed by the same letter are not statistically different

Source: Ebelhar and Hart, 2009. University of Illinois.



FOLIAR UPTAKE MECHANISM



Continuous Improvement of Existing Product Lines

Koch Agronomic Services manufactures and markets innovative fertilizer products to reduce nitrogen loss for enhanced efficiency.

U.S. | AGRICULTURE



Nitamin[®] fertilizer Foliar-applied slow-release liquid nitrogen fertilizer.



Nitamin Nfusion[®] fertilizer Soil-applied slow-release liquid nitrogen fertilizer.



AGROTAIN[®] ULTRA nitrogen stabilizer Urease inhibitor to protect against ammonia volatilization.



AGROTAIN[®] PLUS nitrogen stabilizer Urease and nitrification inhibitor to stabilize nitrogen above and below ground.



AGROTAIN[®] DRY nitrogen stabilizer Highly concentrated urease inhibitor adapted for air-flow spreaders and planters.



SUPERU[®] fertilizer Urea fertilizer enhanced with AGROTAIN[®] PLUS nitrogen stabilizer.



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