

THE NEXT GENERATION OF NITROGEN STABILIZATION

ANVOL™

ANVOL™ nitrogen stabilizer from Koch Agronomic Services (KAS) will be the next-generation nitrogen stabilizer built to maximize nitrogen availability and return on investment. ANVOL features DUROMIDE™, a newly patented active ingredient delivering the longest-lasting protection against nitrogen volatilization.

LONGEST-LASTING PROTECTION
AGAINST NITROGEN LOSS

FEATURES & BENEFITS

SUPERIOR STABILITY

The new intelligent design of DUROMIDE has proven to hold up in various environments and fertilizer blends. When compared to other urease inhibitor technologies, ANVOL is the clear winner with its ability to perform better in conditions that favor high volatilization.

INCREASED LONGEVITY

ANVOL stabilizer features a new patented active ingredient - DUROMIDE - designed to extend the protection of nitrogen above ground.

CONSISTENT PERFORMANCE

ANVOL stabilizer provides consistent performance in soil types across a wider range of pH levels for protection growers can count on.

LESS IS MORE

ANVOL stabilizer features a higher active ingredient concentration that enables a lower applicate rate. This results in more efficient coating operations, a drier blend and overall reduced labor demands.

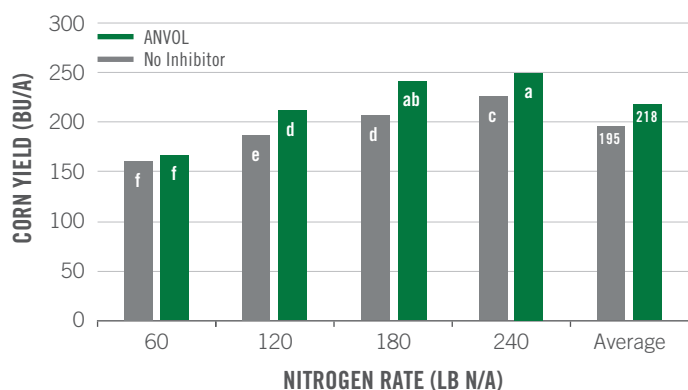
THE IMPORTANCE OF NITROGEN LOSS PROTECTION

When the nitrogen contained in urea and UAN is left unprotected, it can escape the soil through ammonia volatilization. DUROMIDE helps urease inhibitors such as ANVOL stabilizer prevent ammonia volatilization, preserve yields and boost nitrogen efficiency. ANVOL is designed to slow down the hydrolysis process, so that the urea can be incorporated into the soil and less ammonia is lost to the environment.

RESULTS, BACKED BY SCIENCE

Across 7 site-years with locations in Virginia, Kentucky, Illinois, and Tennessee, urea treated with ANVOL stabilizer resulted in a 23 bu/acre yield advantage over untreated urea.

UP TO 23 BU/ACRE
AVERAGE CORN YIELD BENEFIT WITH ANVOL 2016-2017



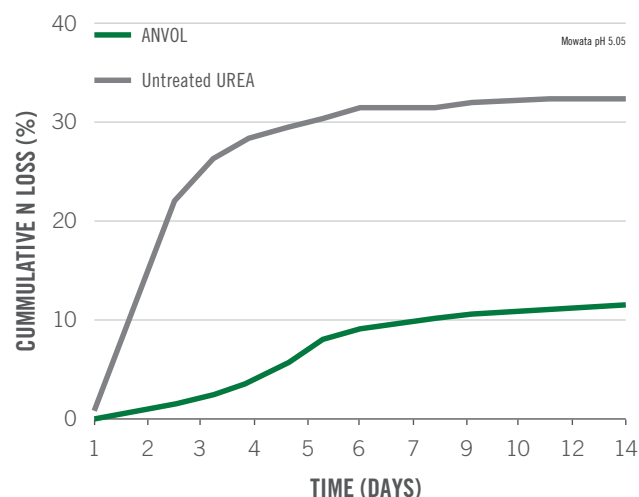
Based on sites that required more than 60 lb N/a to maximize yield

Bars with the same letter are not significantly different ($p < 0.10$)

Based on data collected when nitrogen loss was a limiting factor

** The underlying data was provided by Virginia Tech, University of Kentucky, University of Tennessee, University of Illinois and Pike Ag, LLC under a Research Trial Financial Support Agreement with Koch Agronomic Services, LLC and neither these institutions, nor the individual researchers referenced, endorse or recommend any product or service.*

In a 2016 LSU rice trial, urea treated with ANVOL stabilizer outperformed all other treatments. ANVOL stabilizer reduced cumulative ammonia loss to 12% compared to losses of more than 30% with untreated urea.



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BETTER HANDLING & STABILITY

- Application rate of 1.5 quarts on urea; 0.75 quarts in UAN
- More active ingredients resulting in a concentration rate of 41%
- Improved coating efficiency across a wide variety of impregnation methods
- Produces a drier, finished urea fertilizer blend resulting in less buildup on equipment
- Improved cold-weather stability with a freezing point below -15°F

For more information about how ANVOL stabilizer and the next generation of nitrogen stabilization can protect your investment from volatilization, contact your local sales manager today.

U.S. EPA TSCA registration application in review. This product is not yet offered for sale.