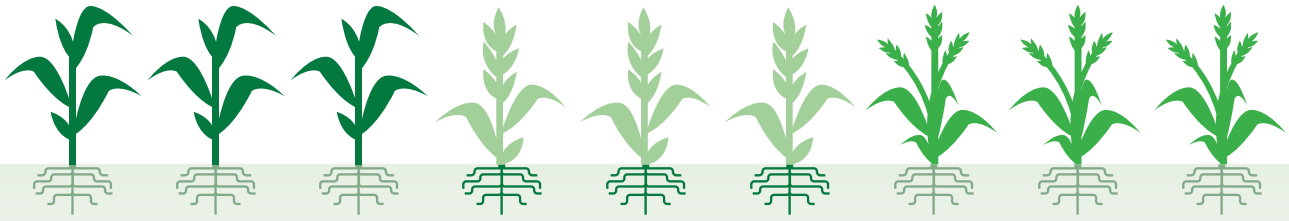
HOW IT WORKS



ANVOL® nitrogen stabilizer from Koch Agronomic Services is driven by Duromide. Duromide is the next-generation urease inhibitor technology developed to extend the duration of volatilization protection and maximize performance of the fertilizer you apply. The high concentration of active ingredients in ANVOL allows a low application rate. This results in more efficient coating operations, a drier blend and overall reduced labor demands.

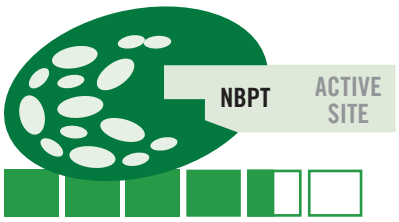
HOW IT WORKS IN THE FIELD

To better understand how ANVOL works, first you'll need to understand a bit about ammonia volatilization.

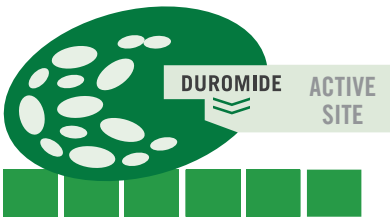
Ammonia volatilization is the result of urease enzymes breaking down urea molecules into ammonia gas — a process called hydrolysis. In this form, your nitrogen can be easily lost to the atmosphere. There are multiple factors that contribute to nitrogen loss: soil moisture, warm temperatures, wind, soil acidity and high crop residues.

ANVOL stabilizer features dual active ingredients including Duromide and NBPT. Duromide was designed to extend the protection of nitrogen currently offered by NBPT alone. With two active ingredients working in tandem, ANVOL can control the loss of nitrogen longer, optimizing the amount of fertilizer available for crop uptake.

DUROMIDE DELIVERS LONGEVITY



Once applied, NBPT can quickly block the hydrolysis of urea. However, NBPT degrades and urea is, once again, vulnerable to the conversion into ammonia gas.



Duromide is a sturdier active ingredient designed to provide efficacy beyond the window offered by NBPT.



The increased stability of Duromide also gives ANVOL the ability to perform more consistently in various soil environments and fertilizer blends.

CONTINUED ▸

HOW IT WORKS **FOR YOU**

What does the increased window of protection mean for you? This means less of your nitrogen is lost to volatilization and more of your fertilizer investment remains available for plant uptake. 2016-2018 results across 8 site years with locations in Virginia, Kentucky, Illinois and Tennessee showed that ANVOL reduced nitrogen loss and boosted yields by up to 31 bushels per acre.[1] When compared to other urease inhibitor technologies, ANVOL is the most stable, longest-lasting urease inhibitor you can count on to protect your nitrogen so it goes where you want it to — your crop.

UP TO 31 BU/ACRE

AVERAGE CORN YIELD BENEFIT[1]

INCREASES WINDOW OF INHIBITION BY

UP TO 27%

COMPARED TO NBPT ALONE

ANVOL – THE DIFFERENCE IS DUROMIDE.

Get the longest-lasting protection against ammonia volatilization.

Contact your retailer today to get started or visit **ANVOL.com** for more information.

KOCH AGRONOMIC SERVICES

The underlying data was provided by [1]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.

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