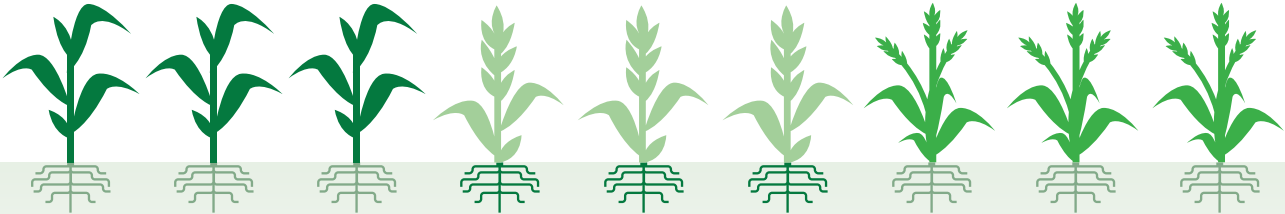


HOW IT WORKS



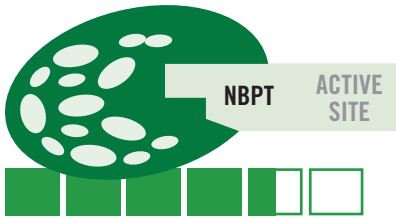
ANVOL® nitrogen stabilizer from Koch Agronomic Services is driven by Duromide. Duromide was developed to extend the duration of volatilization protection and maximize performance of the fertilizer your growers apply. The high concentration of active ingredients in ANVOL provides a low application rate. This results in more efficient coating operations and overall reduced labor demands.

HOW IT WORKS IN THE FIELD

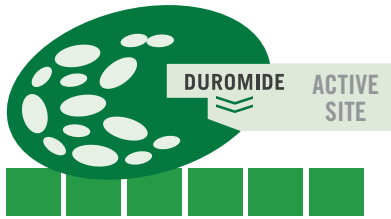
Ammonia volatilization is the result of urease enzymes breaking down urea molecules into ammonia gas — a process called hydrolysis. In this form, your growers’ nitrogen can be easily lost to the atmosphere. There are multiple factors that can contribute to nitrogen loss from volatilization: soil moisture, 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. With two active ingredients working in tandem, ANVOL can control the gaseous loss of nitrogen longer, optimizing the amount of fertilizer available for incorporation into the soil.

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.

HOW IT WORKS FOR YOU

Improving your operational efficiencies can save you time and labor costs. ANVOL features a dark green color and offers a high active ingredient concentration, allowing for a low application rate. This results in more efficient coating operations across a wide variety of impregnation methods.



**IMPROVED OPERATIONAL
EFFICIENCIES**

HOW IT WORKS FOR YOUR GROWER

With ANVOL, less of your growers' nitrogen is lost to volatilization and more of their fertilizer investment remains available for plant uptake. In a 2019 Michigan study, UAN treated with ANVOL yielded 27 bushels per acre more than untreated UAN ¹

**UP
TO 27
BU/ACRE** 

CORN YIELD BENEFIT IN UAN¹

ANVOL – THE DIFFERENCE IS DUROMIDE.

Get the longest-lasting protection against ammonia volatilization.

Contact your retailer today to get started or visit [ANVOL.ca](https://www.anvol.ca) for more information.



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