



# N-Surance

Patent pending N-SURANCE™ nitrogen stabilizer with PENXCEL™ Technology is designed to protect urea and UAN from volatilization loss. It's the loss that happens after urea is applied at or near the surface, and before sufficient rain occurs. The urease enzyme starts breaking urea down, releasing ammonia gas. N-SURANCE nitrogen stabilizer blocks the urease enzyme allowing time for rain or water to take the fertilizer into the soil.

## Up To 25% Faster Blending

During the rush of the season, getting more fertilizer through the blending plant is critical. N-SURANCE nitrogen stabilizer is one tool you can use to speed up the blending process. The secret is PENXCEL Technology. It has lower viscosity making applications in colder weather easier. It penetrates deeper into the prill, coating faster and more consistently than the industry standard. And you finish as much as 25% faster than before.



## Stop N Loss From The Start

N-SURANCE nitrogen stabilizer blocks the urease enzyme allowing time for rain or water to take the fertilizer into the soil during the first critical weeks. Losses can increase when fertilizer is applied to damp soil, where crop residue is high, and under a number of other weather and field conditions. Don't risk your fertilizer investment. Protect your N from loss with N-SURANCE nitrogen stabilizer.

## Get Better Control Under Tough Conditions

West Texas A&M Research shows that the PENXCEL system excels in the challenging field conditions of Texas, providing consistent results that are amplified under tougher conditions. The benefits of PENXCEL were demonstrated in the positive results with N-SURANCE nitrogen stabilizer. The researcher attributed the better activity to the more consistent application of the product to the fertilizer and to deeper penetration of urea prills.

## A Better Choice

N-SURANCE nitrogen stabilizer manufactured for RRSI offers a better choice than the conventional product. With faster blending, better handling, field performance that excels under tough conditions, and the rest of the benefits of PENXCEL technology, you can count on N-SURANCE to protect your N investment.



### **Our Latest Innovation In Formulation Technology**

PENXCEL™ Technology is a unique formulation system manufactured for RRSI to deliver fertilizer additives for dry and liquid fertilizer. Its key ingredient is used for pharmaceutical formulations. The solvent base delivers many performance benefits over industry standard fertilizer additive formulations.

### **Penetrates Deeper**

The PENXCEL delivery system drives active ingredients to penetrate deeper into the prills or granules of solid fertilizer. This innovative formulation allows the use of active ingredients previously deemed “impossible to be coated” on fertilizer. It also works well in liquid fertilizer formulations, providing an advantage over powders.

### **Accelerates Blending**

PENXCEL has low viscosity, so it pours quickly even in the cold. It easily coats fertilizer. It blends up to 20% faster than other industry standard formulations, saving time during the critical application season. The end result is consistent fertilizer product that flows freely and performs in the field.

### **Excels In Performance**

West Texas A&M Research shows that the PENXCEL system excels in the challenging field conditions of Texas, providing consistent results that are amplified under tougher conditions. The benefits of PENXCEL were demonstrated in the positive results with N-SURANCE™ nitrogen stabilizer. The researcher attributed the better activity to the more consistent application of the product to the fertilizer and to deeper penetration of urea prills.

### **Excels In Safety**

Lab tests show that PENXCEL Technology is 2x safer than the industry standard formulations. The key ingredient's safety profile, as proven by its use in human medicine, is evident in the results. We always encourage best practices when handling our products, but hope this information gives you peace of mind.

### **Trust Eco Agro Resources For Innovative Products**

The PENXCEL Technology platform is a launching pad for a full line of innovative new products for improving the efficiency of nitrogen and phosphate fertilizers. It improves performance, blending and handling.