



# NitroGain<sup>®</sup> UI Urease Inhibitor

## Greater Yield, Safer Environment

Arclin introduces **NitroGain<sup>®</sup> UI** — effective, environmentally friendly, safe.

Blended with urea-based fertilizers, Arclin's NitroGain<sup>®</sup> UI urease inhibitor reduces nitrogen loss by hindering the conversion of nitrogen to ammonia and carbon dioxide, giving crops more time to absorb vital nutrients and preventing potentially harmful runoff. That can mean greater yield and reduced fertilizer costs. It also means a cleaner, safer environment.

**Arclin's NitroGain<sup>®</sup> UI is based on n-butyl triphosphoric triamide, or NBPT, technology that significantly improves nitrogen efficiency. The benefits of NitroGain<sup>®</sup> UI:**

- Can increase crop health and yield by keeping nitrogen in the soil longer
- Can reduce costs by making more efficient use of your fertilizer
- Can be either used to coat urea granules or mixed with urea ammonium nitrate systems
- Has low toxicity and is safer than other commercially available urease inhibitors



## **E-Gen<sup>®</sup>** Sustainability Applied

NitroGain<sup>®</sup> UI carries Arclin's proprietary E-Gen<sup>®</sup> designation, applied only to its products that are expressly engineered to meet or exceed existing product performance standards and to reduce manufacturing **and** downstream environmental impact.



The Ingredients of **Green**<sup>®</sup>



## Properties Chart

Arclin's NitroGain outperforms traditional nitrogen fertilizers:



		Min	Max
%N		36	42
%SRN / %CRN		45	90
%SAN		5	36
% WIN		0	40
SGN			
	<b>Granular</b>	<b>200</b>	<b>240</b>
	<b>Mid-Size</b>	<b>140</b>	<b>160</b>
	<b>Greens</b>	<b>95</b>	<b>115</b>
	<b>Powder</b>		<b>&lt;60</b>
Urea		5	25
Estimated Release		<b>3 months</b>	<b>12 months</b>
Uniformity Index		15	50
Bulk Density (lbs/ft3)		40	52
Angle of Repose		32	35

### Agricultural Products from Arclin

-  **Slow Release Nitrogen Fertilizers**
- Evaporative Cooling Media**
-  **Dust Suppression for Haulage Roads and Freeze Control (Equine)**
- Bovine Hoof Treatment**

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