



# NitroGain<sup>®</sup> Slow Release Nitrogen Fertilizer LIQUID

28-0-0

## Maximize Nitrogen Efficiency for Maximum Profits

Arclin's NitroGain<sup>®</sup> Slow Release Nitrogen Fertilizers are custom manufactured to maximize crop yields and profitability — and minimize environmental impact. Triazone, a low-volatile, safe and stable source of slow-release nitrogen, gives NitroGain its powerful advantage. Its closed-ring structure provides a strong chemical bond that's hard to break down, so it takes soil microbes 8 to 12 weeks to slowly release nitrogen into the soil. In foliar applications, triazone remains in a liquid phase on the leaf surface for much longer than urea alone, so plants absorb more nitrogen. Lower application rates and increased yields add still another layer of advantage, saving money and increasing revenue potential.

NitroGain Slow Release Fertilizers are E-Gen<sup>®</sup> certified for slowing the release of nitrogen into the soil, thus reducing waste and runoff — protecting groundwater, rivers and streams.

### Arclin's low-urea slow release nitrogen fertilizers outperform traditional fertilizers:

- Soil microbes require longer to mineralize triazone into ammonium and nitrate, ensuring slow release rate and better yields
- Can be applied directly to foliage and blossoms at higher rates than traditional urea — without burning
- Low salt index
- Low biuret

More information at [www.arclin.com](http://www.arclin.com)  
[info@arclin.com](mailto:info@arclin.com) • 1.877.689.9145



### Green + Green + Green

Arclin has again applied its industry-leading technology to solve another environmental challenge. Our slow release nitrogen fertilizers mean greater grass yields, healthier profitability and low run-off.

Win, win, win.

### 28-0-0 — the perfect match for:

- Turf grass
- Lawn
- Pasture
- Haylands
- Wheat
- Specialty crops (berries, nut trees)

  
E•Gen<sup>®</sup>

The Ingredients of **Green.**

## 28-0-0 Slow Release Nitrogen Fertilizer

### Typical Properties

Properties	ARCLIN 28-0-0
Appearance	Clear Liquid
Minimum %N	28
% SRN*	72
% urea N	8.68 - 7.84
% SAN**	19.32 - 20.16
lbs / gal	10.5-10.7
lbs N / gal	2.94-3.00
lbs N / L	0.78-0.79
Kg N / L	0.35-0.36
gal / ton	190.48-186.92
L / ton	721.04-707.57
pH, 25°C	9.5-10.8
Storage Stability, 25°C	9 months
% Non-Volatiles	68-70
Specific Gravity	1.26-1.28

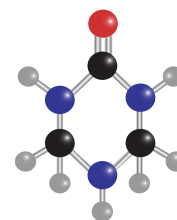


\* Slow Release Nitrogen, also referred to controlled release nitrogen or CRN.

\*\* Slowly Available Nitrogen from water soluble triazone & methylene ureas in solution with urea.



Triazone's chemical structure of three carbon and three nitrogen atoms ( $C_3H_7ON_3$ ) gives it a strong chemical bond that ensures the slow release of nitrogen.



### Agricultural Products from Arclin

#### NitroGain®

**Slow-Release Nitrogen Fertilizers**  
(Liquid)

Available in customized blends, including:

26-0-0  
28-0-0  
30-0-0  
32-0-0  
28% N/50% SRN

**Urease Inhibitor**  
**Nitrification Inhibitor**

**DustCapp®** Dust Suppression & Freeze Control

**Dust Suppression and Freeze Control**  
**for Haulage Roads**

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[www.arclin.com](http://www.arclin.com) +1.877.689.9145

### E-Gen® » The Ingredients of Green®

Arclin applies its proprietary **E-Gen®** designation only to its products that are expressly engineered to meet or exceed existing product performance standards **and** to reduce manufacturing and downstream environmental impact.

