



## SLOW-RELEASE NITROGEN TECHNOLOGY

Up to 22 Weeks of Available Nutrition

# Reliable & Long Lasting Nitrogen Release

**NITROFORM®** slow-release urea-formaldehyde (UF) fertilizer delivers a steady, balanced and dependable source of nitrogen (N) for up to 22 weeks or more. For more than 50 years, turf and ornamental professionals have relied on NITROFORM fertilizer, due to its exclusive release properties that make it one of the safest and longest-lasting slow-release sources of N available.

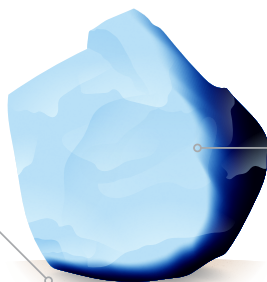
NITROFORM slow-release fertilizer has been widely applied by turfgrass and tree care managers as well as professional growers looking for a long-lasting source of N that consistently delivers long-term nutrition to help support root development and sustained growth. NITROFORM fertilizer granules can be broadcast, or the powder can be suspended in water, spray-applied or root-zone injected for trees and shrubs.

## NITROFORM® Urea-Formaldehyde Technology

**Non-burning, low-salt**  
index formulation

**Safe and long-lasting**

**Unique mode of release**  
for strong, rapid root  
development




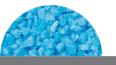

**SGN options** powder, mini  
and regular

**Supplies both N and  
energy-rich carbon** to  
help increase and sustain  
populations of beneficial  
microorganisms in the soil

## Key Benefits

- **One of the safest and longest-lasting** slow-release sources of N available
- Consistent feeding for up to **22 weeks or longer**
- Nitrogen from **methylene urea (MU) and urea-formaldehyde (UF)**
- Over two-thirds is **WIN**
- **Reduced thatch** development
- **Increased growth** of beneficial soil microorganisms
- **Less potential risk of leaching** into groundwater
- **Flexible application** - can be spread or sprayed with granular or powder option

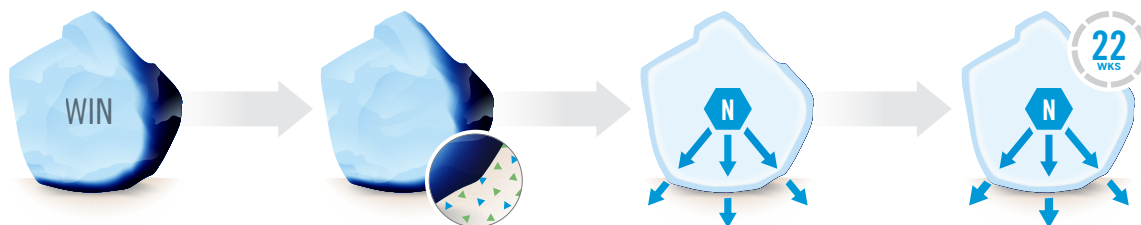
## Options

	Powder	Mini	Regular
			
<b>SGN</b>	<b>&lt; 0.25 mm</b>	<b>120-180</b>	<b>220-270</b>
Total Nitrogen	39%	39%	39%
Urea Nitrogen	3%	3%	3%
Slowly Available Water Soluble Nitrogen*	7.5%	7.5%	7.5%
Water Insoluble Nitrogen	28.5%	28.5%	28.5%
Slow-Release Nitrogen (% of Total N) AOAC 945.01 Method	92%	92%	92%

\*Slowly available N from UF.



# How It Works



With over two-thirds of its formulation as water insoluble nitrogen (WIN), NITROFORM® fertilizer feeds through natural processes by microbial breakdown.

Microbes gradually convert UF into urea, which is converted into ammonium then nitrate in the soil.

Nitrogen release rate is dictated by the length of the UF chains.

WIN extends nutrient release up to 22 weeks.

## Options and Opportunities

### TURF

- The unique release properties of NITROFORM® fertilizer promote vigorous rooting that helps to create rapid development of root tissue
- The result is dense turfgrass that can withstand the rigors of today's more intensively managed turfgrass practices, with minimal impact from insects, weeds and diseases

### ORNAMENTAL

- Used as a pre-plant amendment, the release properties of NITROFORM® fertilizer assist in more rapid root development and establishment

*With potting mixes high in woody content, soluble N can be tied up by microbes as they break down organic material.*

*NITROFORM® fertilizer can provide long-term N to satisfy the needs of plants and microorganisms.*

NOTE: Can also be used as a topdress application for both container- and field-grown ornamentals in many areas

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