

Nitro-Buster® Nitrifying Bacteria

norweco®

Engineering the future of water
and wastewater treatment



Nitro-Buster is a specialized mixture of bacteria designed to perform nitrification of ammonia nitrogen in residential and commercial wastewater treatment plants. Containing a unique blend of Nitrosomonas and Nitrobacter bacteria strains, Nitro-Buster is capable of oxidizing ammonia at high rates in harsh environments, allowing the process of nitrification to take place. By speeding up the ammonia removal rate, denitrification can be established earlier in newly installed or struggling wastewater treatment systems.

Completely safe, effective and convenient to use, Norweco's Nitro-Buster is a natural way to boost nitrification for new systems requiring a quick start or for systems that fail to reduce ammonia.



Nitro-Buster is an organic biological additive designed to reduce ammonia levels in residential and municipal wastewater treatment systems, pump stations, drain lines, composting toilets, lagoons, ponds and fish hatcheries. When used as directed, Nitro-Buster's bacterial action will quickly and effectively grow the bacterial colony to convert ammonia into nitrites. Dosing rates vary by application and are system dependent. For optimal performance, it is recommended that Nitro-Buster be utilized as a monthly maintenance product for continued ammonia reduction and consistent, long-term system operation. Bacteria in Nitro-Buster perform within a pH range of 6.5 to 8.5 with optimal performance near pH 8.2. The biological activity of the formulation increases with rising temperatures up to 110°F, and reduced activity can be expected at temperatures below 40°F. The easy to use liquid concentration is packaged in one gallon or one quart bottles to make dosing safe, reliable and convenient for homeowners, maintenance providers and wastewater treatment system operators.

(Continued on reverse)

Features

- Contains specialty blend of bacteria to boost nitrification in wastewater
- Builds bacterial colony to convert ammonia into nitrites
- Helps recover nitrification if system upset occurs
- Economical and easy to use
- Effectively degrades ammonia of up to 200 mg/l BOD
- Optimum temperature range 40°F to 110°F
- Performs with a pH range of 6.5 to 8.5
- Non-hazardous and non-toxic
- Environmentally safe when used as directed

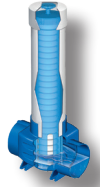
Specifications

Active Ingredients	Select Bacterial Strains
Appearance	Clear Liquid
Type	Aerobic Pathways
Form	Compound
Standard Packaging	One Gallon and One Quart Bottles
Shelf Life	12 Months
Storage	Cool Dry Place, Protect from Freezing

Application and Dosage

Nitro-Buster is an easy to use concentrated liquid which can be dosed directly into the aeration chamber or at the inlet of the wastewater treatment system. Initial dosing of Nitro-Buster should occur daily and is dependent upon the type of system being treated, its condition and the system flow rate. Maintenance application rates for residential treatment systems start at 16 ounces per month. For commercial systems less than 50,000 GPD, a rate of ½ gallon per month is recommended. Consult the suggested usage and dosing guidelines for larger commercial systems. For additional applications, contact your local Nitro-Buster distributor or Norweco, Inc. for the best application rate to achieve optimal performance.

Bio-Dynamic®
LF 1000
Tablet Feeder



Bio-Sanitizer®
Disinfecting
Tablets



Bio-Neutralizer®
Dechlorination
Tablets



Blue Crystal®
Residential
Disinfecting
Tablets



Bio-Perc®
Biological
Remediation
Tablets



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Progress Through Service Since 1906

We engineer, manufacture, install and maintain advanced water and wastewater treatment technologies for residential properties, communities and commercial properties that are not connected to sewer lines. Norweco treatment systems are in service all over the world.

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