Nitrifier Pro



Ultra-Concentrate Ammonia and Nitrite Oxidizing Bacteria

Nitrifier Pro is formulated with an ultra-concentrated blend of heterotrophic and autotrophic bacteria, vital components for rapidly restoring nitrification. The heterotrophic bacteria utilize both carbon and nitrogen, completing the first step in ammonia removal. Following this, autotrophic strains, namely Nitrospora, Nitrosomas, Nitrospira, and Nitrobacter, engage to oxidize ammonia and nitrites, completing the process.

Removing ammonia is critical in any wastewater process. Unfortunately, nitrifying bacteria are among the scarcest and most sensitive organisms in aerobic wastewater systems. Factors like toxicity or cold weather can rapidly inhibit nitrification. In response to this challenge, we've crafted Nitrifier Pro, the fastest solution to restore nitrification and efficiently eliminate ammonia. This product is made specifically for aerobic wastewater treatment plants.



Typically, the recovery period for nitrifying bacteria spans at least 30 days. Yet, with Nitrifier Pro, this timeline is reduced dramatically, achieving full restoration of a plant's ammonia removal capabilities in as little as four days — a record turnaround time in Aquafix's history. What's more, after this four-day treatment process, the nitrifying bacteria continue to reproduce, eliminating the need for continued applications.

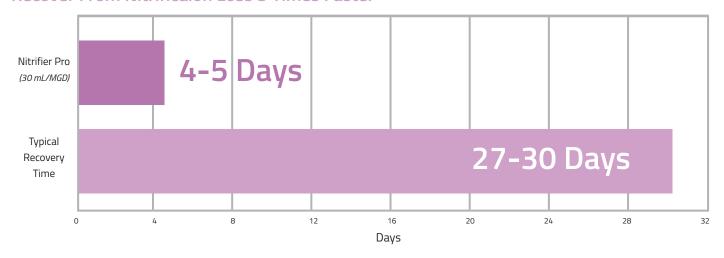
Achieve nitrification in

4 Days

Shipping & Storage 200x Stronger

Ultra Concentrated

Recover From Nitrificaion Loss 5 Times Faster





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Dose Rates

Nitrifier Pro



Nitrifier Pro Dosing:

- Add daily to aeration basin
- Typical treatment lasts 4 days
- Refrigerate product when not in use
- For and aditional nitrifier boost, use half of the recommended dose rate

Water Temperature Above 60°F (15.6°C)

For Best Results:

- pH 7-7.5
- DO >2
- Consistent BOD removal
- Confirm adequate alkalinity

Available Sizes:

- 60 mL bottle
- Pack of 4 60 mL bottles

Water Temperature Below 60°F (15.6°C)	
Flow Rate	Dose Rate
500,000 GPD	45 mL Daily, for 4 days
1 MGD	90 mL Daily, for 4 days

Flow Rate	Dose Rate
500,000 GPD	15 mL Daily, for 4 days
1 MGD	30 mL Daily, for 4 days
Notes:	