

# Water Conditioners: Nite-Out II Nitrifying Bacteria

*Drs. Foster & Smith Educational Staff*

**intermediate**

a new solution  
for efficient

**biological  
filtration**



In established aquariums, biological filtration converts ammonia into less toxic compounds through a natural process called nitrification. Ammonia levels are usually undetectable in mature systems. However, if ammonia or nitrite levels are detected, it may indicate inadequate nitrifying bacteria, in which case, bacterial additives must be used to replenish or re-establish efficient biological filtration.

## **BREAKTHROUGH IN BACTERIAL ADDITIVES**

[Nite-Out II Nitrifying Bacteria](#) contains a highly specialized blend of nitrifying bacteria. Select cultures of Nitrosomonas, Nitrobacter, and Nitrospira in Nite-Out II establish, promote, and maintain nitrification in aquarium water. The result is stable and efficient biological filtration that rapidly reduces ammonia and nitrite levels.

Nite-Out II is a new line from Ecological Laboratories - the makers of Microbe-Lift [Special Blend](#) and [TheraP](#).

Ecological Laboratories is an industry leader that develops and produces innovative products to aid aquarium hobbyists of all levels. Their extensive line of products extend beyond the home aquarium to provide environmentally-friendly and effective products for ponds and water gardens, household, lawn and garden, agricultural, and industrial use.

How does Nite-Out II differ from conventional nitrifying bacterial additives?

Nite-Out II is a specialized microbial consortium comprised of strains of Nitrosomonas, Nitrospira and Nitrobacter. Nitrosomonas oxidize ammonia to nitrite and Nitrospira and Nitrobacter oxidize nitrite to nitrate to decrease ammonia and nitrite toxicity.