

# REGEN-Balance®

## Natural Aquatic Stabilizer

REGEN-Balance is a Temperature Driven Solution that excels between 58°F-78°F (14.4°C-25.6°C). This dry probiotic formula is enhanced with psychrophilic, neutrophilic, and mesophilic microorganisms and select stimulants to ensure optimal performance. REGEN-Balance will quickly cycle out excess nitrogen and phosphorus compounds in aquatic environments. Made for aquatic professionals, it promotes a balanced aquatic ecosystem and rapid recovery from both adverse environmental impacts and chemical treatments.

REGEN-Balance excels when used alone and can be applied as a dry powder or dissolved and sprayed over the surface of the water. For an extra boost, use REGEN-Balance in combination with PondZilla Pro or AquaSticker.

### PRODUCT HIGHLIGHTS

- Optimal performance in moderate temperatures and during seasonal turnover
- Dry probiotic that cycles out nitrogen and phosphorus compounds
- Promotes balanced ecosystem after chemical treatment



REGEN-Balance is available in 5 and 15 kg containers.

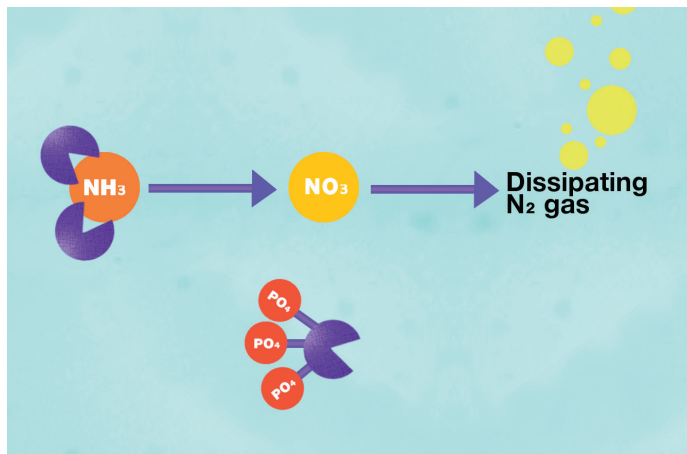


Diagram shows REGEN-Balance cycling out nitrogen and phosphorus.

### APPLICATIONS

- Lakes and ponds
- Aquaculture
- Hatcheries
- Water feature
- Golf courses
- Retention ponds
- Decorative ponds
- And more!

### BENEFITS

- Consumes nutrients
- Balances Ponds
- Lowers ammonia
- Clarifies water
- Reduces sludge

DOSAGE RATE - APPLY BI-WEEKLY WHEN WATER TEMPERATURES ARE 58°F-78°F (14.4°C-25.6°C)

Surface Hectares	Initial Application	Standard Application	Hypereutrophic Water
0.1	0.5 kg	0.25 - 0.5 kg	0.75 kg
0.25	0.75 kg	0.25 - 0.75 kg	1.5 kg
0.5	1.5 kg	0.5 - 1.5 kg	3 kg
2	7.5 kg	2.5 - 7.5 kg	15 kg
5	15 kg	5 - 15 kg	30 kg
50	150 kg	50 - 150 kg	300 kg

\*Do not mix directly with algaecides or herbicides

\*If used in conjunction with algaecide or herbicide, apply Nature's Blend after chemical treatments for best results

#### INCLUDE IN TREATMENT PROGRAMS FOR:

##### FILAMENTOUS ALGAE

• *Hydrodictyon*

##### PLANKTONIC ALGAE

• *Chlorella*

• *Euglena*

##### AQUATIC PLANTS

• *Hydrilla*

##### CYANOBACTERIA

• *Anabaena*

• *Microcystis*

• *Plankothrix*

#### THE SCIENCE BEHIND IT

Water bodies have stress from both external and internal sources. [Excessive rains or draught combined with ongoing use of algaecides and herbicides deplete the microbial communities that are fundamental to nutrient removal in water bodies.](#) This imbalance in the ecosystem leads to elevated nutrient issues and can result in excessive aquatic plant growth, continuing algal blooms, and HABs.

REGEN-Balance was formulated through years of research by obtaining samples from lakes and ponds across the United States when water temperatures were mild. The natural microbial communities in the samples were analyzed to understand population densities and the specific organisms that are depleted by stresses. [This research is how Naturalake Biosciences was able to create a probiotic that supplements natural populations and supports indigenous organisms that are functional and native to that geography.](#) REGEN-Balance is more than simple additions of beneficial bacteria. It is a scientifically formulated probiotic that works in harmony with the microbial communities that play key roles in nitrogen and phosphorus uptake.