

POLAR BLEND

Cold Weather Treatment

Polar Blend is a Temperature Driven Solution that excels between 41 - 60°F (51 - 15.5°C). This dry probiotic is enhanced with psychrophilic microorganisms and select stimulants to ensure optimal performance. Polar Blend will cycle out excess nitrogen and temporarily bind phosphorus in cold water environments. Made for aquatic professionals, it promotes a balanced aquatic ecosystem and rapid recovery from both adverse environmental impacts and chemical treatments.

Polar Blend works well 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 Polar Blend in combination with PondZilla Pro or AquaSticker.

PRODUCT HIGHLIGHTS

- Optimal performance in cold temperatures and winter months
- Dry probiotic that cycles out nitrogen and phosphorus compounds
- Promotes balanced ecosystem after chemical treatment



Polar Blend is available in 10 and 30 pound containers.

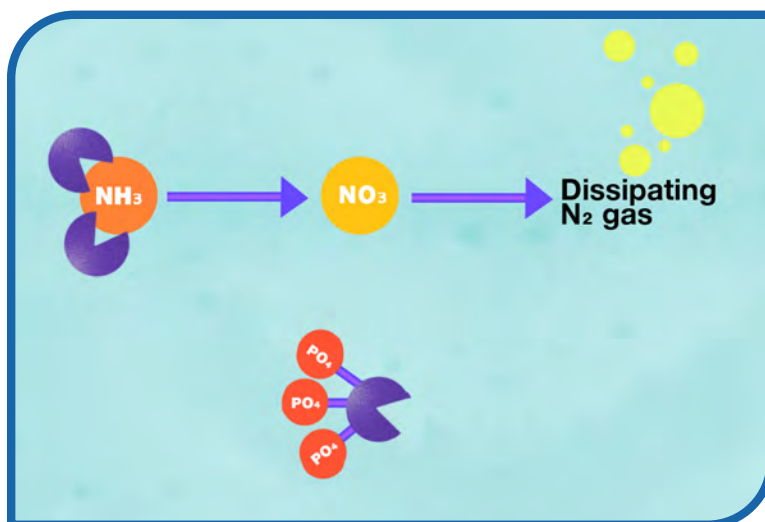


Diagram shows Polar Blend cycling out nitrogen and phosphorus.

APPLICATIONS

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

BENEFITS

- Consumes soluble nutrients
- Balances ponds
- Lowers ammonia
- Clarifies water

Polar Blend Dosage - Apply bi-weekly when water temperatures are 41 - 60°F

Surface Acres	Initial Application	Standard Application	Hypereutrophic Water
1/4	1 pound	.5 - 1 pound	1.5 pounds
1/2	1.5 pounds	.5 - 1.5 pounds	3 pounds
1	3 pounds	1 - 3 pounds	6 pounds
5	15 pounds	5 - 15 pounds	30 pounds
10	30 pounds	10 - 30 pounds	60 pounds
100	300 pounds	100 - 300 pounds	600 pounds

- Do not mix directly with algaecides or herbicides
- If used in conjunction with algaecides or herbicides, apply Polar Blend after chemical treatments for best results

COMMONLY TREATED ALGAE AND PLANTS

FILAMENTOUS ALGAE

PLANKTONIC ALGAE

MUCK/SLUDGE

CYANOBACTERIA

FLOATING PLANTS

SUBMERGED PLANTS

WATER CLARITY

NUTRIENT REDUCTION

THE SCIENCE BEHIND IT

Water bodies have stress from both internal and external sources. Excessive rains or drought combined with ongoing use of algaecides and herbicides and cold temperatures deplete microbial communities that are fundamental to nutrient removal. As a result, water bodies are left with elevated nutrient levels that enhance plant growth, algal blooms, and HABs when the water warms.

Polar Blend was formulated through years of research by obtaining water samples from lakes and ponds across the United States when water temperatures were between 41 - 60°F (5 - 15.5°C). 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 Natural Lake Biosciences was able to create a probiotic that supplements the natural psychrophilic organisms and support indigenous organisms that are functional and native to the geography. Polar Blend is more than simple additions of beneficial bacteria. It is a scientifically formulated probiotic that plays a key role in nitrogen and phosphorus uptake.

Summer Slam

75 - 120°F
23.9 - 48.9°C

Nature's Blend

58 - 78°F
14.4 - 25.6°C

Polar Blend

41 - 60°F
5 - 15.5°C



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Important: Always read and follow label instructions. This product DOES NOT kill aquatic plants or algae. Call us, 888.757.9575 for more information.