POND TABLETS

- Improves Water Clarity and Enhances Water Quality
- Converts Ammonia to Nitrite, Nitrite To Nitrate, Nitrate to Di-Nitrogen Gas
- Removes Excess Phosphates Through Biological Processes
- Contains Targeted Microbial Synergists To Facilitate Nitrification, De-nitrification & Phosphate Removal Processes
- Contains Heterotrophic Bacteria That Utilize Ammonia, Nitrates & Phosphates To Satiate Metabolic Functions (Removes Them From The Water Column)
- Contains Facultative Bacteria That Function In Low Oxygen Environments
- Biodegrades Excess Hydrocarbons, Lignin & Organic Pollutants From The Water Column
- Seeds & Maintains Biological Filters, Biodegrades Excess Sludge & Sediment
- Drastically Reduces Foul Odors – Including Hydrogen Sulfide
- Manufactured Using Both Solid State Fermentation & Liquid Fermentation Maximizing the Production & Retention of Key Secondary Metabolites
- Effective Under a Broad Range of Environmental Conditions

GENERAL INFORMATION

* Precisely measure surface acreage or number of gallons to ensure proper dosing

Number of Gallons = Length (ft) x Width (ft) x Avg. Depth (ft) x 7.48
Acre Feet = Number of Gallons ÷ 325,000

* Once water temperatures reach 50^{O} F / 10^{O} C apply calculated shock dose
* Distribute product evenly over entire water surface to optimize results. Do not dump in one centralized location
* To optimize results, provide adequate aeration to promote the proliferation of beneficial bacteria (minimum of 3 ppm)
* While the tablets do contain facultative bacteria, which function in lower oxygen environments, maximum results are achieved if you maintain dissolved oxygen levels above 3 ppm
* The microbial system herein contained functions in pH range of 5.5 – 8.5, Maintain pH between 6.5 – 7.5 for optimum results

NATURAL BODIES OF WATER (PREVENTATIVE - NO TURBIDITY)

If water is relatively clean and free of turbidity follow the rates outlined below for Natural Preventative Program. Begin Preventative Program once the water temperatures reach 50^{O} F - 10^{O} C. Apply shock dose evenly distributing tablets over the entire surface of the water. Begin initial maintenance dose 15 days after shock dose has been applied. Continue the maintenance dose at 30 day intervals throughout the season until water temperatures fall below 50^{O} F – 10^{O} C. During periods of extreme heat or when nutrient load increases (fertilizer run off, organic debris) it may be necessary to temporarily revert to shock dose levels. If extreme heat or increased nutrient load necessitates this apply shock dose at 7 – 14 day intervals until water clarity improves and then once again revert back to monthly maintenance dose.

Shock Dose	16 tablets per acre foot (325,000 gal – 1,230,125 liters) or 32 tablets per surface acre
Monthly Maintenance Dose	8 tablets per acre-foot (325,000 gal – 1,230,125 liters) or 16 tablets per surface acre

NATURAL BODIES OF WATER (REMEDIATION - TURBIDITY)

If water is murky and turbid to begin with follow the rates outlined below for Natural Remediation Program. Begin Remediation Program once the water temperatures reach 50^{O} F - 10^{O} C. Apply shock dose evenly distributing tablets over the entire surface of the

water. Begin initial maintenance dose 7 days after shock dose has been applied. Continue the maintenance dose at 30 day intervals throughout the season until water temperatures fall below 50^{O} F - 10^{O} C .

Shock Dose	24 tablets per acre foot (325,000 gal – 1,230,125 liters) or 48 tablets per surface acre
Monthly Maintenance Dose	12 tablets per acre-foot (325,000 gal– 1,230,125 liters) or 24 tablets per surface acre

MAN MADE PONDS (PREVENTATIVE)

Man-made ponds tend to have limited populations of naturally occurring beneficial organisms and plants to maintain homeostatic conditions. These types of lined ponds normally necessitate higher dosing. If water is relatively clean and free of turbidity, follow the rates outlined below for Man Made Preventative Program. Begin Preventative Program once the water temperatures reaches 50^{O} F - 10^{O} C. Apply shock dose evenly distributing tablets over the entire surface of the water. Begin initial maintenance dose 15 days after shock dose has been applied. Continue the maintenance dose at 30-day intervals throughout the season until water temperatures fall below 50^{O} F - 10^{O} C. During periods of extreme heat or when nutrient load increases (fertilizer run off, organic debris) it may be necessary to temporarily revert to shock dose levels. If extreme heat or increased nutrient load necessitates this apply shock dose at 7 - 14 day intervals until water clarity improves and then once again revert back to monthly maintenance dose.

Shock Dose	20 tablets per acre foot (325,000 gal– 1,230,125 liters) or 40 tablets per surface acre
Monthly Maintenance Dose	10 tablets per acre-foot (325,000 gal– 1,230,125 liters) or 20 tablets per surface acre

MAN MADE PONDS (REMEDIATION)

If water is murky and turbid to begin with follow the rates outlined below for Man Made Remediation Program. Begin Remediation Program once water temperatures reach 50^{O} F - 10^{O} C. Apply shock dose evenly distributing tablets over the entire surface of the water. Begin initial maintenance dose 7 days after shock dose has been applied. Continue the maintenance dose at 30 day intervals throughout the season until water temperatures fall below 50^{O} F- 10^{O} C.

Shock Dose	30 tablets per acre foot (325,000 gal– 1,230,125 liters) or 60 tablets per surface acre
Monthly Maintenance Dose	15 tablets per acre-foot (325,000 gal– 1,230,125 liters) or 30 tablets per surface acre

HANDLING & USE

For use in contained water areas including lakes, ponds, water hazards and irrigation tanks.

When used in accordance with label directions and precautions, Pond Tablets are not harmful to humans, fish, wildlife, or beneficial aquatic organisms.

Its advisable to wear non permeable gloves when handling product.
Wash hands thoroughly after handling product. Do not ingest or get in eyes.
Refer to SDS for complete details on handling and storage

ACTIVE INGREDIENTS

Proprietary Blend of Beneficial Bacteria including Bacillus, Arthrobacter, Pseudomonas, Nitrosomonas, Nitrobacter (Aerobic, Facultative, Chemoautotrophic)
& Targeted Microbial Synergists

Contains a Minimum of: 2.5 x 10^{9} colony forming units per gram
Each Tablet Weighs 68 Grams, There are 6.67 Tablets Per Pound