

# MD PELLETS

## Powerful Muck Removal

**MD Pellets** are a slow-release probiotic pellet designed to directly target the muck layer at the bottom of lakes and ponds. MD Pellets sink to the bottom and penetrate the muck layer to deliver essential bio-stimulants and select bacterial cultures that speed the breakdown of organic debris and muck. This pelletized probiotic reduces the available internal nutrient reservoir on the bottom of lakes and ponds to improve water quality and clarity. They also excel at degrading dead floating vegetation or tussocks when used in conjunction with PondZilla Pro. For the best results, broadcast the MD Pellets evenly over the targeted area. MD Pellets DO NOT kill aquatic plants or algae.

### PRODUCT HIGHLIGHTS

- Probiotic that focuses on degrading muck
- Reduces available internal nutrient reservoir
- Aids in water quality and clarity
- Reduces odors



Diagram shows MD Pellets sinking into the muck layer for optimal degradation.



*MD Pellets is available in 10, 30 or 50 pound containers.*

### APPLICATIONS

- Lakes and ponds
- Aquaculture
- Shorelines
- And more!
- Golf courses
- Retention ponds
- Decorative ponds

### BENEFITS

- Consumes nutrients
- Reduce up to 70% of sludge and muck
- Lowers ammonia
- Clarifies water
- Balances ponds
- Reduces dredging

## DOSAGE RATE - ONCE PER MONTH OR AS NEEDED

Surface Acres	Targeted Muck Reduction	Muck Maintenance & Prevention	Degradation of Floating Debris
1/4	5 - 12.5 pounds	2.5 - 6.25 pounds	1.25 - 3.75 pounds
1/2	10 - 25 pounds	5 - 12.5 pounds	2.5 - 7.5 pounds
1	20 - 50 pounds	10 - 25 pounds	5 - 15 pounds
5	100 - 250 pounds	50 - 125 pounds	25 - 75 pounds
10	200 - 500 pounds	100 - 250 pounds	50 - 150 pounds
100	2000 - 5000 pounds	1000 - 2500 pounds	500 - 1500 pounds

*\*Do no mix directly with algaecides or herbicides*

*\*If used in conjunction with algaecide or herbicide, apply MD Pellets after chemical treatments for best results*

### INCLUDE IN TREATMENT PROGRAMS FOR:

#### FILAMENTOUS ALGAE

- *Pithophora*
- *Hydrodictyon*

#### PLANKTONIC ALGAE

- *Euglena*

#### CYANOBACTERIA

- *Anabaena*
- *Microcystis*
- *Plankothrix*

#### UNIQUE ISSUES

- Muck
- Fishkills

#### AQUATIC PLANTS

- Curly leaf pondweed
- Torpedograss
- Widgeon grass
- Other plants
- *Hygrophila*
- Alligator weed
- Spikerush

### THE SCIENCE BEHIND IT

Lakes and ponds are catch basins for the many sources of nutrient pollution. Excess nitrogen and phosphorus from animal or fish waste, stormwater runoff, grass clippings or leaves, and fertilizers from agriculture are a just a few examples of the nutrient pollution that eventually settles at the bottom of lakes and ponds. Lake and pond bottoms that are overloaded with these nutrients can experience oxygen depletions, fish kills, or harmful algae blooms that negatively impact the water bodies' recreation and economic uses.

MD Pellets were formulated through years of research on how to [enhance the natural digestion of the organic debris and muck that stores nitrogen and phosphorus](#). This scientifically tested product works in harmony with natural microbial communities to break down the complex compounds into smaller units and release carbon dioxide, water and energy in the process.

Reducing muck buildup in an aquatic environment can lead to increased capacity, improvements in dissolved oxygen levels, reduced nitrogen and phosphorus compounds, and increased water quality. MD Pellets restore the balance in the aquatic ecosystems on the bottom of lakes and ponds.



888.757.9575 | [www.naturalake.com](http://www.naturalake.com) | [orders@naturalake.com](mailto:orders@naturalake.com)

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