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 pelleted 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

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

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

To learn more about MD Pellets, please visit www.naturalake.com or call 888.757.9575
**DOSAGE RATE - ONCE PER MONTH OR AS NEEDED**

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

*Do no mix directly with algaecides or herbicides
*If used in conjuction with algaecide or herbicide, apply MD Pellets after chemical treatments for best results

**INCLUDE IN TREATMENT PROGRAMS FOR:**

<table>
<thead>
<tr>
<th>FILAMENTOUS ALGAE</th>
<th>PLANKTONIC ALGAE</th>
<th>CYANOBACTERIA</th>
<th>UNIQUE ISSUES</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pithophora</em></td>
<td><em>Euglena</em></td>
<td><em>Anabaena</em></td>
<td><em>Muck</em></td>
</tr>
<tr>
<td><em>Hydrodictyon</em></td>
<td></td>
<td><em>Microcystis</em></td>
<td><em>Fishkils</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Plankothrix</em></td>
<td></td>
</tr>
</tbody>
</table>

**AQUATIC PLANTS**

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

**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 just a few examples of the nutrients that eventually settle 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.