



Macro-Zyme™ Pond Bacteria & Enzymes

The *Green* Approach to Cleaning up your Pond

- **Removes pond scum and odors:** Eliminates fish wastes and ammonia. Digests organic compounds and assists in the breakdown of goose/duck excrement. Rapidly removes dead grass, leaves, and paper.
- **Reduce Excess:** Removes nutrients and sediments without chemicals. Decreases Nitrite and Nitrate, and reduces phosphate (which is typically the limiting nutrient for plant growth).
- **Safe and Non Toxic:** Non pathogenic/ non toxic to human, fish, wildlife, and livestock. It is safe for irrigation ponds and no permit is required.
- **Better water clarity:** Clears water and helps restore a healthy oxygen level while also reducing oxygen demand.
- **Product extras:** Dry pack means no extra weight when shipping. No "stinky" smells from the product itself.
- **Easy to use:** Just toss the water soluble bags or apply the bulk product at the recommended rates. Shelf life of at least two years.



8 oz. water soluble bags



Jar of 6 packs of 1oz. bags



25# or 50# bulk pail



Muck Pucks
Each puck 1" diameter x 5/8" tall



Muck Block



Make Your Pond Sparkle and Leave Pond Maintenance to Other Pond Owners.

Macro-Zyme's unique blend is the pond professional's choice for building and maintaining a healthy pond, water garden, and bio-filter. Used by professionals since 1991, this professional grade formula of highly concentrated blend of natural occurring bacteria and enzymes rapidly biodegrade top and bottom sludge while reducing components that contribute to sludge build up in ponds of all sizes.

Part #	Description	Ship Wt.	Dosage
MZ1	6pk 1 oz ws bags	1	1 oz treats up to 1000 gallons
MZ1C	Case of 6 - 6pks of 1 oz ws bags	3	case of 6 treats up to 6000 gallons
MZ8	8 oz ws bags	1	8 oz bag treats 1/2 acre ft.
MZ8C	Case of 40 - 8 oz ws bags	22	Case of 40 treats 20 acre ft
MZ25	25# bulk pail, no ws bags	26	25# bulk treats 25 acre ft.
MZ50	50# bulk pail, no ws bags	55	50# bulk treats 50 acre ft.
MZMP7	Muck Pucks, 7# pail with 266 pucks	8	1 puck treats up to 10 ft ²
MZMB5	Muck Block (time release), 5# block	6	1 block treats 2 acre feet

- Calculations:
- Length (ft) x Width (ft) x average depth (ft) x 7.48 = total gallons
 - One acre-foot (43,560 cubic feet) is the volume of water sufficient to cover an acre of land to a depth of 1 foot which is = 325,851 gallons

All product needs to be reapplied every 2-3 weeks when water temperatures are 55 °F or warmer (Except the muck block which time releases for 30 days).

Available in the following forms:

- **1 oz water soluble bags** – 1 oz treats up to 1000 gallons. Sold in retail friendly jar with six 1 oz bags
- **8 oz water soluble bags** – 8 oz treats ½ acre foot
- **25 or 50 pound bulk bails** with air-tight resealable lids - 1 pound treats 1 acre foot.
- **7 pound pail of Muck Pucks** –Great for treating up to 10ft.2 of bottom area. Great for around use around dock or swim areas. Sold in a retail friendly, black pull top pail. Contains roughly 266 pucks. Reapply every 2-3 weeks
- **5 pound Muck Block "Time Release"** – Slowly release bacteria to treat up to 2 acre feet of water. Much more effective when used in combination with current. Great for targeting areas that require treatment. Sold in a sealed shrink-wrapped bag in a box. Reapplication required only once every 30 days.

There are a plethora of manufacturers all suggesting that their bacteria and enzyme products are the best. We have experience with this product in real world applications.

- "Macro-Zyme is a terrific product! We began to see amazing results within the first year in our 50 year old pond that had 3 feet of muck. In our second year we could not be more pleased. Our Pond is beautiful, and the best part is the product is easy to use!" - homeowner, SC
- "I've tried beneficial bacteria, biologicals, and buffers over the last 18 years. Macro-Zyme did things I have never seen before. Macro-Zyme is not like any other bacteria in a bottle, it's the one that works." - Lake Manager, SC
- "I have not put a boat in the water to spray for two years. It keeps the pond clean and reduces my labor costs drastically". - Lake Manager, FL
- "We took water samples spring & fall with a full year of application. Our phosphorous levels were reduced drastically. We could see sand on the bottom for the first time." - Lake Manager

Your Kasco Distributor Is:



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