



orb-3 lake & pond

Revolutionary, All-Natural Enzyme Solutions... Nature's Calling



Mid-Size Pond Product Catalog

NEW! Economical & Eco-Friendly
Water Quality Solutions for Mid-size Pond Owners
and Water Management Professionals

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New Orb-3 Mid-Size Pond Products



Orb-3 Mid-Size Pond Products offer the basics in natural, water quality maintenance, made simple. They are the product essentials you have come to know and trust from Great Lakes Bio

Systems geared specifically to the functional and economical challenges of owning or maintaining a mid-size pond.

Professionals as well as pond owners can achieve the expected water clarity and necessary sludge-control year after year with the newly introduced Orb-3 Mid-Size Pond line.

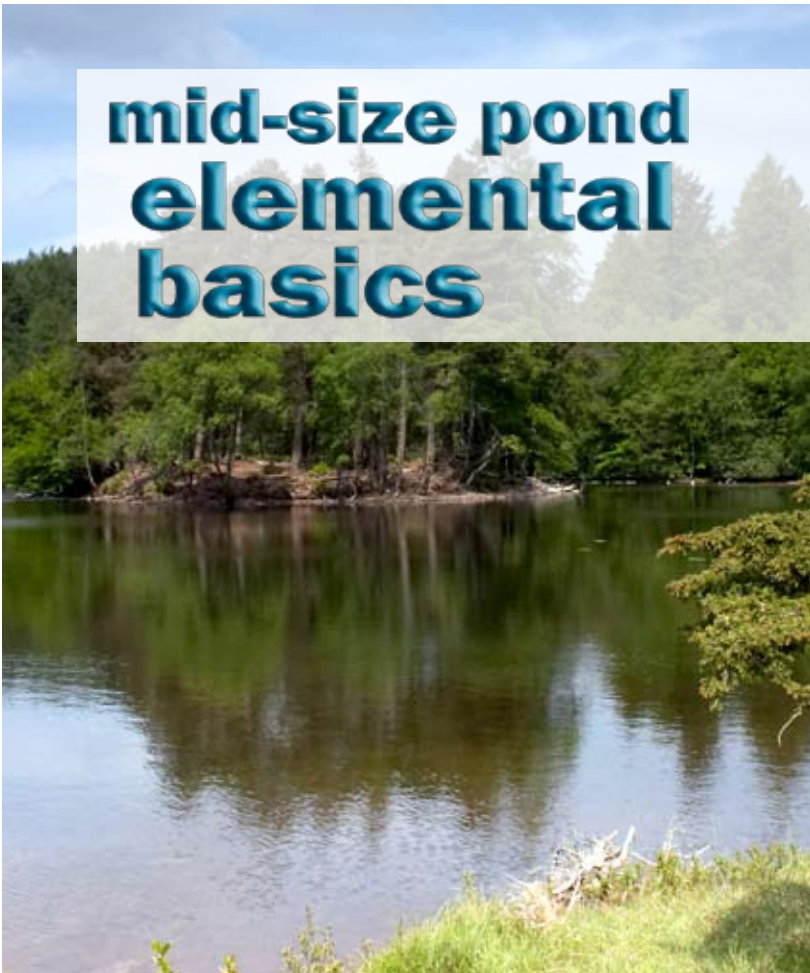
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Feed your pond Orb-3 Mid-Size Pond Elemental Basics to keep biota at their peak level of performance



Basic water
maintenance tool

Fortifies and makes
pond water healthy

Reduces potential
chemical treatments

Naturally balances
water to improve its
quality

Safe for people, pets
and plants

All new, Orb-3 Mid-Size Pond Elemental Basics are an improvement on a tried & true green approach to simplifying effective natural water maintenance for mid-size ponds and even in large lakes or reservoirs.

Orb-3 Mid-Size Pond Elemental Basics works by adding back a limited element of a water body that is lacking at the molecular level to build cellular structures and drive their metabolism. This proprietary element taps into the microbial

equivalent of organic carbon which keeps biota prepped and ready to filtrate and degrade the next influx of contaminate or excess nutrient. The rebalanced biota is then stimulated to digest more efficiently by the Orb-3 active enzymes.

Formulated for the professional as well as the pond owner, Orb-3 Mid-Size Pond Elemental Basics naturally and efficiently keep pond water at its best.



Mid-Size Pond Elemental Basics

Application Rates

1 acre foot = a surface acre 1' deep or 326,000 gallons

Initial: 1/2 – 1 gallon per acre foot (1.5 – 3.0ppm)

Weekly: 1/4 – 1/2 gallon per acre foot (0.75 – 1.5ppm)

Dilute product with enough water to uniformly treat water surface area

For Optimum Results

Always dilute and use as directed

As applicable, disperse product evenly over water surface or ensure a thorough mix throughout the water body

For problem areas, power spray diluted product onto water surface; get product in contact with contaminate by creating considerable agitation

Apply when ambient temperature is 50°–90° F; dissolved oxygen level is over 1.0ppm; pH is 6 – 8; alkalinity is less than 100ppm

Treat daily with 1/7th of weekly dose using an automatic feed system

Use with other Orb-3 Mid-Size Pond Dry Bacteria and Pellets for a full treatment program

Proper aeration will enhance product performance

Technical Specs

In Use pH Range Neutral
Solubility in Water..... Soluble
Odor Mild
Appearance..... Brown liquid

Packaging, Handling and Storage

Size	Pkg	Dimensions (LxWxH)	Weight
1-gal	4/cs	15" x 10" x 10"	39 lbs
2.5-gal	2/cs	14" x 9" x 15"	48 lbs
5-gal	pail	12" x 10" x 15"	48 lbs
15-gal	drum	14" dia. x 26" H	135 lbs
55-gal	drum	24" dia. x 36" H	475 lbs

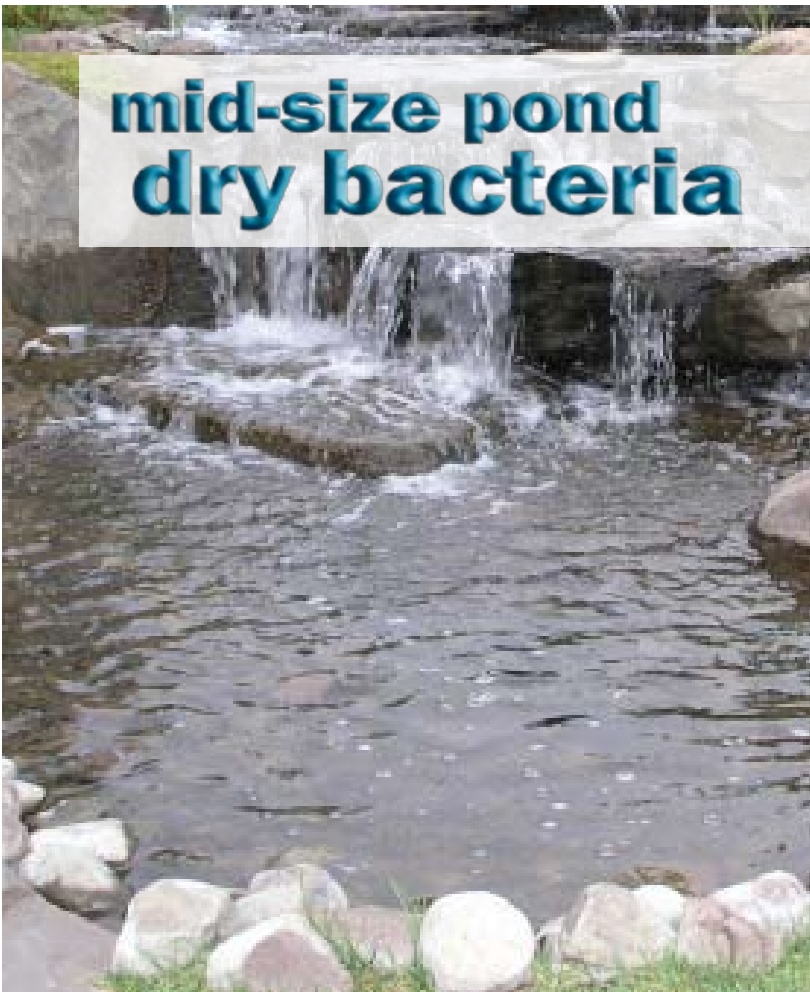
Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an Orb-3 Mid-Size Pond Elemental Basics MSDS for more specific information.



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Safe Orb-3 Mid-Size Pond Dry Bacteria serves up water clarity and eats organic sludge



Naturally consumes excess nutrients that promote unwanted growth

All-natural; pathogen free

Safe for fish, plants and humans

Cannot be overdosed

Enhances any aquatic environment

Orb-3 Mid-Size Pond Dry Bacteria is a blend of bacteria chosen for water management that consumes visible solids and improves overall water clarity.

Orb-3 Mid-Size Pond Dry Bacteria is a superior mixture of microbes including water clarifiers and speedy sludge degraders on a hearty bran-type carrier. This product safely augments

existing bacteria; consumes excess nutrient in the water column; and causes the natural degradation of organic contaminate to happen quickly both aerobically and anaerobically.

Orb-3 Mid-Size Pond Dry Bacteria works with nature to maintain a healthy body of water. Regular treatment can slow the aging process of a lake or pond.



Mid-Size Pond Dry Bacteria

Application Rates

1 acre foot = a surface acre 1' deep or 326,000 gallons
 Initial: 1/2 – 1 gallon per acre foot (1.5 – 3.0ppm)
 Weekly: 1/4 – 1/2 gallon per acre foot (0.75 – 1.5ppm)
 Dilute product with enough water to uniformly treat water surface area
 Dilute product with enough water to uniformly treat water surface area
 For bulk bacteria, mix in a 5-gallon pail with enough pond water to broadcast as evenly as possible over water surface.

For Optimum Results

Always follow application rates and directions
 Apply when ambient temperature is 50°–90° F;
 dissolved oxygen level is over 1.0ppm;
 pH is 6 – 8; and alkalinity is less than 100ppm
 Use with our other Orb-3 Mid-Size Pond products for a full treatment program
 Proper aeration will enhance product performance

Technical Specs
 In Use pH Range Neutral
 Solubility in Water..... Soluble
 Odor Characteristic
 Appearance..... Light brown powder

Packaging, Handling and Storage

Size	Pkg	Dimensions (LxWxH)	Weight
10#	Pail	12" x 12" x 12"	12 lbs
25#	Pail	18" x 18" x 7"	28 lbs

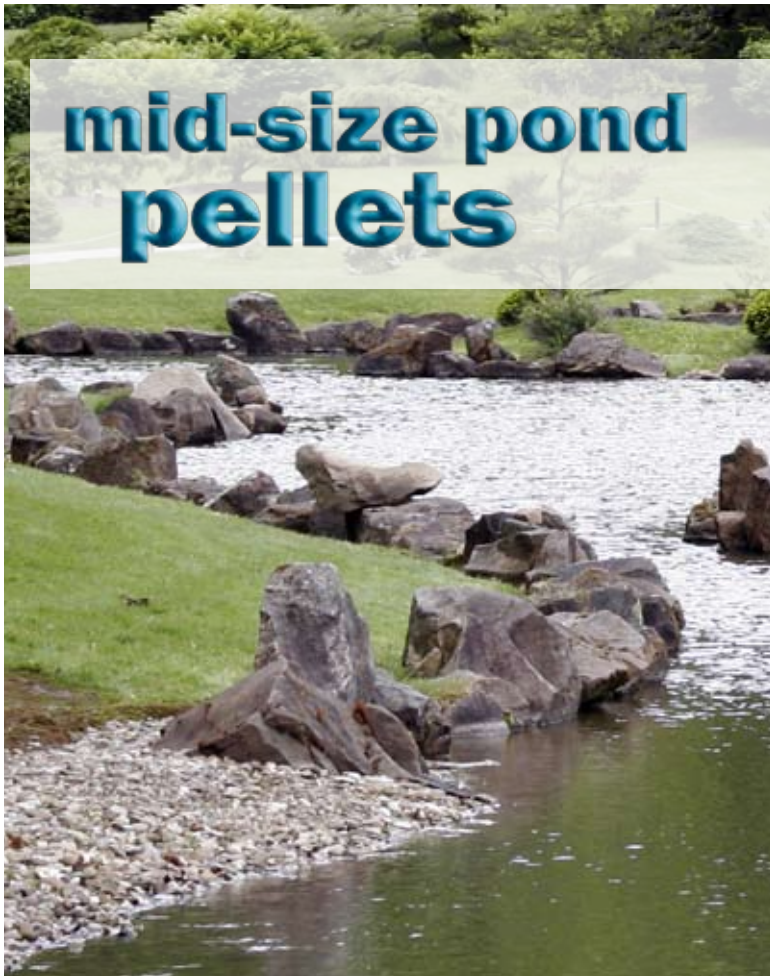
Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an Orb-3 Mid-Size Pond Dry Bacteria MSDS for more specific information.



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Orb-3 Mid-Size Pond Pellets work on suspended solids and bottom sludge accumulation, so you won't have to



Orb-3 Mid-Size Pond Pellets were designed predominantly for residential ponds as a low-maintenance product for muck and organic solids removal, water clarity, and beach clean-up.

Orb-3 Mid-Size Pond Pellets are fortified with specialized bacterial strains that are high volume waste consumers of muck and organic matter. These pellets have a broad trace mineral base and an organic catalyst to increase the

productivity of the beneficial bacteria in each pellet. The pellet itself was specially designed to drive the active ingredients down to the sludge so the dose is not immediately consumed by the water column.

Orb-3 Mid-Size Pond Pellets combination of natural technologies is a simple cost-effective method for continuous sludge management.

Biodegradable pellet

Contains sludge-eating bacteria, enzymes, and trace minerals

Improves water clarity

Naturally eliminates odor-causing muck on beaches

Reduces sludge bed without the use of heavy equipment

No gypsum fillers



Mid-Size Pond Pellets

Spot Treatment (Pier, Beach, or Problem Area)

Use 8# per week for 4 weeks; then 2# every other week as needed; at this rate 50# will treat up to 4,000 sq ft for a five month season

Complete Water Body Treatment

3.0# per 1000 sq ft (125# per surface acre)

Broadcast pellets uniformly over surface; use 2 – 4 times per year

For Optimum Results

Use as directed

Apply when ambient temperature is 50°–90° F; dissolved oxygen level is over 1.0ppm; pH is 6 – 8; alkalinity is less than 100ppm

Use with other Orb-3 Mid-Size Pond products for a full treatment program

Proper aeration will enhance product performance

Technical Specs

In Use pH Range Neutral
Solubility in Water..... Mostly soluble
Odor Characteristic
Appearance..... Light tan pellets

Packaging, Handling and Storage

Size	Pkg	Dimensions (LxWxH)	Weight
10 lb	Pail	12" x 12" x 12"	12 lbs
25 lb	Pail	13" x 13" x 16"	28 lbs
50 lb	Bag/Box	18" x 18" x 7"	53 lbs
40	Bags/Skid	48" x 48" x 24"	2000 lbs

Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an Orb-3 Mid-Size Pond Pellets MSDS for more specific information.

