

## Aquafix VitaStim Sludge Reducer

- Your dredging days are over

VitaStim Sludge Reducer cleans up your sludge and effluent using the latest collection of probiotics, biostimulants and select *Pseudomonas* bacterial cultures to degrade the toughest wastes in ponds and lagoons. Decrease your sludge blanket thickness by 30 to 60% for 1/10th the cost of dredging. You'll also achieve improvement in effluent BOD, TSS and decreased odor.

When used in municipal wastewater treatment plants, it stimulates the bacteria and produces less sludge. Settling and floc formation improve, and overgrowth and foaming are prevented. If used in conjunction with **Aquafix Oxy Paks XL** (see ad below) it allows for easier sludge consumption.



| DESCRIPTION                    | STOCK # | EACH |
|--------------------------------|---------|------|
| 30 1-lb Pouches (30-lb Pail)   | 87525   | \$   |
| 60 1/2-lb Pouches (30-lb Pail) | 87526   |      |

### Dosage Schedule

#### For Lagoons

**Initial dosage:** 2 lbs per 4 acres per day for 30 days  
**Maintenance:** 1/2 lbs per 4 acres per day for 30 days

#### For WWTP

**Initial dosage:** 1/2 lbs per day per 100,000 gpd flow for 30 days  
**Maintenance:** 1/2 lbs every other day per 100,000 gpd flow

## Aquafix Oxy Paks XL

- Helps chew up sludge and muck!

Unclog and clear sludge and muck from wastewater lagoons and decorative ponds with this innovative granular oxygen source. Oxy Paks XL releases oxygen into sludge and muck for 30 to 45 minutes. The oxygen burst causes undesirable muck to rise to the surface where it is more easily consumed.

If used in conjunction with **VitaStim Sludge Reducer** (shown above), it allows for easier sludge consumption. This combination is especially effective in unclogging the surface of wastewater lagoons and decorative ponds.



| DESCRIPTION                  | STOCK # | EACH |
|------------------------------|---------|------|
| 50 1-lb Pouches (50-lb Pail) | 87531   | \$   |

### Dosage Schedule

#### For Wastewater:

25 to 100 lbs per acre, depending on the amount of sludge and companion products used

#### For Sand Filter Cleaner:

Add into the backwash of a sand filter at a rate of 1 to 3 lbs per 10,000 gallons of flow

## Aquafix VitaStim Summer Slam Lagoon Sludge Remover

- Sludge degradation at dramatic rates in warm temperatures

Reduce sludge in warmer lagoons by 30 to 60%. VitaStim Summer Slam is a blend of biostimulants and select bacterial cultures designed to explode in warm temperatures (76°F and above). These specialized gram negative bacteria promote water clarification, reduce dredging, and lower ammonia and odors caused by compacted sludge. Packaged in a 30-lb pail of 1-lb or 1/2-lb water-soluble pouches.

**Note:** For water temperatures under 76°F, use VitaStim Sludge Reducer or VitaStim Polar.



| DESCRIPTION                    | STOCK # | EACH |
|--------------------------------|---------|------|
| 30 1-lb Pouches (30-lb Pail)   | 87527   | \$   |
| 60 1/2-lb Pouches (30-lb Pail) | 87528   |      |

### Dosage Schedule

**Initial dosage:** 2 lbs per 4 acres per day for 30 days  
**Maintenance:** 2 lbs per 4 acres per day for 30 days

## Aquafix VitaStim Polar BOD Treatment

- Sludge reduction even in cold weather
- Reduces effluent BOD and TSS by 30 to 60% in the winter

Use VitaStim Polar in your lagoon or wastewater plant during the winter. It reduces sludge by creating healthier biomass under cold temperatures, which increases cell metabolism, promotes nitrification and improves settling. It degrades municipal wastes, phenols, surfactants and other industrial wastes at temperatures as low as 41°F. Reduces effluent BOD and TSS by 30 to 60%. Packaged in 1/2-lb or 1-lb water-soluble pouches in a 30-lb pail.



| DESCRIPTION                    | STOCK # | EACH |
|--------------------------------|---------|------|
| 30 1-lb Pouches (30-lb Pail)   | 87529   | \$   |
| 60 1/2-lb Pouches (30-lb Pail) | 87530   |      |

### Dosage Schedule

#### For Lagoons:

**Initial dosage** 2 lbs per 4 acres per day for 30 days  
**Maintenance** 1/2 lb per 4 acres per day for 30 days

#### For WWTP:

**Initial dosage** 1/2 lb per day per 100,000 gpd for 30 days  
**Maintenance** 1/2 lb per 100,000 gpd every other day for 30 days