

Rates of Application

Attn: SAFW = 1 Surface Acre Foot Water

Application Rates	Normal Pond Condition	Poor Pond Condition	Very Poor Pond Condition
Initial Application <i>(after 10-14 days)</i>	6, 8 oz pkts./ 1 safw	8, 8 oz pkts./ 1 safw	12, 8 oz pkts./ 1 safw
2nd Application <i>(after 10-14 days)</i>	2, 8 oz pkts./ 1 safw	3, 8 oz pkts./ 1 safw	4, 8 oz pkts./ 1 safw
3rd Application <i>(after 10-14 days begin)</i>	2, 8 oz pkts./ 1 safw	2, 8 oz pkts./ 1 safw	4, 8 oz pkts./ 1 safw
Maintenance Application	1, 8 oz pkts./ 1 safw <i>(apply every 2-4 weeks)</i>	1, 8 oz pkts./ 1 safw <i>(apply every 2-4 weeks)</i>	1, 8 oz pkts./ 1 safw <i>(apply every 2-4 weeks)</i>

Temperature Correction Factors for Water below 55°F: 45-50°F, Multiply application rate by 1.5/ 50-55°F by 1.25 factor.

Water Replacement Rate Factors: Water replacement loss of 50-75% weekly, increase application treatment rates by 1.5 times/ 75-100% weekly water replacement rate, increase application treatment rates by 2 times, or double.

1. Determine **condition** and **square footage surface area** of pond or water feature. If size is unknown, calculate size by multiplying average **length** by average **width**. (EXAMPLE: Pond avg. length x avg. width = Average Square Foot Surface Area.) 43,500 Square Foot Surface Area = 1 Surface Acre Foot Water (SAFW). Large ponds are treated per each SAFW or 43,500 Sq. Ft. surface area.

2. Application rates are based on 3 initial inoculation treatments as outlined below. Rates dose per each Surface Acre Foot Water (SAFW). Initial treatments should be spaced at 10-14 day intervals. Subsequent **maintenance applications should be spaced every 2 to 4 weeks**. Example: 1/2 acre SAFW would dose at 1/2 the recommended rates above; 1/4 acre SAFW, at 1/4 the recommended rates and so on.

3. Determine amount of Aquatic Biotic Pond Treatment needed for treatment, disperse 8 oz. water soluble packets evenly throughout the pond surface area grid. Initial "curative" applications (1 thru 3) should occur at 10 to 14 day intervals.

4. **For smaller ponds:** Calculate total gallons. (Example 10' **avg. width** x 10' **avg. length** x 3' **avg. depth** x 7.5 = Total Gallons, 2250). Dose (treat) at 1 tablespoon per each 500 gallons water or less. Reapply at same rate every 7-10 days until problems are corrected. Subsequently, continue to maintain (treat) pond water at 1 tablespoon Aquatic Biotics per each 500-750 gallons every 2-3 weeks until water temperatures fall below 55°F.

BioPlex[®]
Advanced growing solutions

Contains: 10 x 1/2 pound (8 oz)
Water Soluble Packets



AQUATIC BIOTICS

Biological Pond, Lake & Fountain Treatment

- Contains -

Bio-Plex's proprietary blend of select, naturally occurring bacterial strains, enzymes, dispersing agents and carbon enhanced medium specifically formulated to effectively digest organic matter and remove excess inorganic nutrients and other contaminants in the water of lakes, ponds and other water features.

100% Non-Pathogenic

- Eliminates Pond Scum
- Eliminates Algae
- Eliminates Odors
- Improves Water Quality
- Reduces Organic Sediment
- Environmentally Safe
- Reduce Pathogenic Bacteria
- Increase Oxygen Levels
- Fish & Plant Safe
- Human, Bird, Animal Safe
- Non-Toxic, Non-Corrosive
- Non-Pathogenic
- Stable 2-yr Shelf Life
- Pre-measured Water Sol-Pkts.
- Digest "N-P-K" Nutrients

Net Contents: 5 LB US (2.268 kg, Metric)

Manufactured for Bio-Plex Organics, div Turf Chemicals Plus, Inc.
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C O N D I T I O N