

Technical Information: TLC Golf Pond Treatment

TLC is the environmentally friendly way to beautify your ponds. TLC works naturally and actually benefits the environment. TLC Golf Pond Treatment is 100% safe for fish, wildlife, and turf. TLC Golf Pond Treatment will not harm fish or other wildlife that are in your pond or use your pond. And, TLC Golf Pond Treatment is easy to use. Simply shake well and pour straight from the container according to the dosage instructions.

What are the main benefits of using TLC Golf Pond Treatment? TLC Golf Pond Treatment eliminates excess algae, organic sediment, and foul odors. TLC is especially effective against common "pea-soup" algae, and against pond scum. By digesting organic sediment, TLC Golf Pond Treatment eliminates bottom sludge where odor-causing anaerobic bacteria reside. TLC Golf Pond Treatment use helps prevent fish disease. The net result of the use of TLC is a clear, beautiful, and naturally healthy pond.

How Much Do You Need for Treatment? TLC dose is based on the surface area of the pond(s) needing treatment. For algae growth, there is little difference between a pond that is 6 feet deep or 10 feet deep. Sunlight intensity, along with N and P nutrients, causes algae problems. Sunlight is dependent on exposed pond surface area, and not on pond volume. To find the correct dose for your ponds, just use the chart. Remember, only consider the ponds needing algae reduction when determining the surface area.

Dose Chart for TLC Golf Pond Treatment		
Acres	Square Feet	Dosage
Up to 0.125	Up to 5,500	1 Gallon per Week
0.125 to 0.25	5,500 to 11,000	2 Gallons per Week
0.25 to 0.375	11,000 to 16,000	3 Gallons per Week
0.375 to 0.50	16,000 to 22,000	4 Gallons per Week (One Case)
0.50 to 1.5	22,000 to 65,000	8 Gallons per Week (Two Cases)
1.5 to 3.5	65,000 to 150,000	12 Gallons per Week (Three Cases)
3.5 to 7.0	150,000 to 300,000	24 Gallons per Week (Six Cases)
7.0 to 15.0	300,000 to 650,000	42 Gallons per Week (One 6-gallon Pail / Day)

How does TLC Golf Pond Treatment work? TLC Golf Pond Treatment consists of 100% natural, completely safe, soil bacteria. The bacteria for the Golf Pond Treatment are divided into two groups: chemolithotrophic bacteria and heterotrophic bacteria. Chemolithotrophic bacteria oxidize ammonia (NH₃) to nitrite (NO₂), then to nitrate (NO₃). These bacteria also consume large amounts of phosphate. Heterotrophic TLC bacteria digest organic sediment and dissolved organic carbon. Plus, the bacteria convert nitrate into completely non-toxic nitrogen gas.

By converting ammonia to nitrite then nitrate, converting nitrate to nitrogen gas, and rapidly consuming phosphate, TLC Golf Pond Treatment out-competes algae for these required nutrients. TLC Golf Pond Treatment "wins the competition" with algae for these nutrients and excess algae die off. Unlike toxic chemicals that "poison" the algae, TLC Golf Pond Treatment robs the algae of nutrients, making a large, excessive algae bloom impossible. Plus, dead algae are digested by heterotrophic TLC Golf Pond Treatment bacteria, rather than deposited as organic sediment.

How Long Does It Take for TLC to Work? TLC Golf Course Treatment will clarify and beautify ponds within 4 to 8 weeks. Sometimes results are visible as zones of clearing (in the vicinity where TLC was dosed) within just a few days of treatment. That is why we offer our exclusive Performance Warranty. By the end of the trial, you will see just how effective TLC really is, and will be happy to reorder TLC on regular terms for ongoing algae control (\$10.00 per gallon, less standard quantity discount, plus freight). Odor control will be evident within a week or two of product application. In severe cases with existing extreme algae blooms, or in shallow ponds, additional doses may be required, or it may be necessary to use supplemental products such as TLC Organic Pond Dye along with TLC Golf Pond Treatment.

What Is the Best Way to Apply TLC? Only minutes per week are necessary to properly apply TLC. In general, simply shake the gallon container, and pour into the areas of the pond needing treatment. Broadcast the product as thoroughly as possible throughout the zones where algae reduction is desired. Wind action, fountains, etc, will suffice to distribute the product throughout the affected areas over time.