

Technical Reference Sheet for PondCare® Dimilin®

Purpose And Benefits:

Dimilin controls the anchor worm parasite (Lernaea) in water gardens, koi ponds and display tanks containing fish, including goldfish, koi and ornamental tropical fish.

Anchor worms are external copepod parasites that infest koi, goldfish and tropical fish. They are not true worms and are classified as crustaceans because their outer body is made of chitin, the same material found in crab shells.

The female anchor worm has a long body up to 25 mm long (1 inch) with anchor-like appendages at the head. The female attaches to the fish by burrowing through the skin (males die after mating). The anchor becomes firmly embedded into the skin, muscle and organs of the fish. The adult female looks worm-like with two sacs (egg cases) that form an upside down "Y" hanging from the fish.

A single female can produce hundreds of eggs and the eggs hatch in about 3 to 5 days depending on water temperature. The free-swimming parasites then molt several times before reproducing.

This easy-to-use liquid interrupts the parasite's life cycle and reproductive process, effectively controlling the spread of anchor worms.

Will not discolor the water and can be used at any temperature.

Symptoms:

Infested koi and goldfish can be seen with whitish, black or gray worm-like threads, about ¼ inch long, attached to the skin. The "worms" can become coated with algae and appear green. Trailing at the rear of female parasites are two long, tube-like egg sacs. Anchor worms can be found anywhere on the body of the fish, including the eyes and fins. Raised red ulcers may appear where the worm attaches to the fish. Secondary bacterial and fungal infections may occur at the site of attachment.

Directions For Use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Shake Well.

For use in ornamental ponds, aquariums or holding tanks containing ornamental fish only, and where all water is contained without any outflow. Dimilin is intended for control of only the unattached form of the anchor worm.

Discontinue activated carbon filtration during treatment with Dimilin. Do not add or remove fish when treating for a parasitic infestation. Shake the bottle vigorously for at least one minute.

Add 1 tablespoon (15 ml) for every 60 gallons (227 L) / ¼ cup (60 ml) for every 240 gallons (908 L) / ½ cup (120 ml) for every 480 gallons (1816 L) of water.

Wait 14 days then repeat treatment to ensure control of the parasites. Do not change the water between treatments. After the second treatment is complete, wait another 14 days before discharging or disposing of treated water.

8 fl. oz. treats 960 US Gallons (3,633 L)
16 fl oz Treats 1,920 US Gallons (7,267 L)

Compatibility:

For use on ornamental fish only. Not for use in commercial food fish production ponds. Toxic to aquatic invertebrates.

Sizes Available:

#177A - 8oz bottle

#177B - 16oz bottle

Last Revised:

12/19/2005