

**KOI CARE**
**Malachite green**

treatment for fungus and external parasites



External parasites such as Ichthyophthirius (White spot), Trichodina, Costia, Chilodonella, and Epistylis are frequent troublemakers in the fishpond. They live in the mucous layer of the fish and cause intense irritation as they graze on the skin cells. Infection can be recognised as the fish secrete excess mucus, thus giving them a grey slimy appearance. In White spot infection, as the name suggests, the parasite forms small white spots that resemble table salt crystals over the surface of the fish..

All these parasitoses cause intense irritation to the fish causing them to scratch against sedentary objects in the pond, flick and thrash around and even jump out of the water, as they attempt to scratch the irritation.

Use Malachite Green whenever the above infections are suspected. If possible confirm the infection by a microscopic diagnosis.

The best treatment for the diseases described above is Malachite Green used in conjunction with Formaldehyde, which enhances the effect of the Malachite Green. Use 10 ml to every 352 gallons (1600 L) of pond water when used with formaldehyde.

Malachite Green is also an excellent anti-fungal treatment for diseases such as Saprolegnia. This fungus commonly infects wounds and ulcers on the surface of the fish. It resembles cotton wool like outgrowths from the infected area. However, microscope diagnosis is extremely important as the infection appears very similar to Flexibacter infection. As this is a bacterial disease, an anti-fungal treatment will only aggravate the disease.

- Remove adsorbent filter material - carbon, zeolite etc.
- Switch off UV
- Increase Aeration
- Allow plenty of time to observe fish
- Do not mix medications
- Leave 10 days between treatments if no improvement is seen

**Dosage:**

Add 10 ml of Malachite Green to every 176 gallons (800L) of pond water to treat fungal diseases.

Pack size	Treats		
	Litres	Imp. Gallons	US Gallons
250 ml	20 000	4 400	5 300
500 ml	40 000	8 800	10 600
1000 ml	80 000	17 600	21 200
2500 ml	200 000	44 000	53 000