

**KOI CARE**

**Acriflavin**

treatment for bacterial ailments



All ponds will contain billions of minute bacteria. These include helpful species that breakdown the toxic fish waste in the biological filter system, and convert it into nitrate, which is then taken up by the plants. However, there are also other bacteria that live in the pond that are opportunistic invaders of stressed and wounded fish, including the species *Pseudomonas* and *Aeromonas* which will infect any cut or abrasion on the surface of the fish, and can also invade the host across the gut wall during gastro-intestinal problems.

Acriflavin, when added to the pond, will reduce the numbers of these opportunistic bacteria in the pond, thus lowering not only the chance of infection, but also the intensity of disease in already infected ponds.

Acriflavin is ideal to use in hospital or quarantine tanks, but it is unwise to constantly add the treatment to the pond when the fish are healthy. This is because a background level of bacteria is essential for healthy fish to maintain their immune system.

Before treating with Acriflavin:

- 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:**

A single dose should be sufficient. If not, wait 10 days before adding a second dose.

Add 10 ml of Acriflavin to every 80 gallons (363 L) of pond water.

Pack size	Treats		
	Litres	Imp. Gallons	US Gallons
250 ml	9 000	2 000	2 380
500 ml	18 000	4 000	4 764