

## PREVENTION

Prevention of pond fish disease is easier, less costly, and easier than medicating. Meeting the below parameters will help:

- ✓ pH: 6 – 7.5
- ✓ Ammonia: **0ppm** (parts per million)
- ✓ Nitrite: **0ppm**
- ✓ Pond Salt: **0.15%** with plants, **0.3%** without
- ✓ Chlorine & Metals: **0ppm**
- ✓ Phosphate: **0ppm**

Bi-weekly 25% water changes add vital minerals to the pond. Be sure to use [de-chlorinator](#)

## MEDICATION/TREATMENT

Treating pond fish is a trial and error process. Pond fish can exhibit behavior that fits the symptoms of many diseases. People do not always “see” the same symptoms either. “Brown spots” described by one could look like “red streaks” to another. **If pond fish have no improvement after 2 treatments of a pond product then it’s time to use a different medication.**

Quarantining pond fish can be beneficial in instances where disease can spread or the pond is large. Care must be taken because added stress of moving could kill them.



Pond Salt baths can be done too. 1%-3% pond salt solutions can be used but they are extremely stressful for the fish and should be done with the consultation and/or supervision of a vet and/or pond professional.

[www.pondmarket.com](http://www.pondmarket.com)



### Tool Box

- [Pond Salt](#)
- [Master Test Kit](#)
- [Pond Aeration Kit](#)
- [Pond Treatment](#)
- [Pond Thermometer](#)

**Toll Free :1-800-577-5605**

**Local: 314-894-2894**

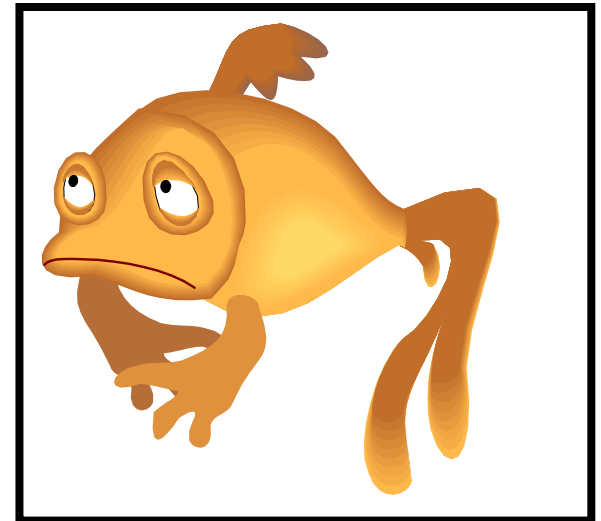
**[www.pondmarket.com](http://www.pondmarket.com)**

**500 South County Center Parkway  
St. Louis MO 63129**



## Sick Fish

Diagnosing, Treatments, Prevention



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## BACTERIAL DISEASE & TREATMENT

### 1) Symptoms

Swollen body and “pinecone” like scales, Many broken fins white around the edges, Eyes appearing to pop out of the head, Pale appearance



### 2) Common Diseases

Dropsy, Fin and Tail Rot, Pop-eye, Tuberculosis

### 3) Actions

In many cases, Bacterial Diseases are a result of poor environmental conditions like bad water quality and excessive bottom debris coupled with inadequate foods, mineral ingestion, and feeding schedules.



Test pond water for Pond Salt Levels, pH Levels, and Waste Levels. High waste levels, high pH levels, high Waste Levels, and too low of Pond Salt Levels lead to stress causing Bacterial Disease in Koi, Goldfish, and other Pond Fish.



Increase dissolved oxygen levels using a [Pond Aeration kit](#) with a large air stone.

### 4) Treatments Available at PondMarket

[Pond Care Mela-Fix](#), [Pond Care Pima-Fix](#), Microbe Lift Subbactisun, [Crystal Clear Wipe Out](#), [Tetra Pond Fish Treatment](#)

## PARASITIC INFECTIONS & TREATMENT

### 1) Symptoms

Elongated worms usually attached in body wall often indicated by a raised ulcer, Flat disc shaped parasites attached to body wall, Parasitic Crustaceans that attached to gills/gill walls/mouth, Black slimy objects on body wall, Smooth yellowish-white cysts on fins/body/gills, White cottony growths



### 2) Common Diseases

Anchor Worms, Fish Lice, Gill Maggots, Leeches, Nodular Diseases, Ich

### 3) Actions

Move bird feeders and/or houses that are close to the pond and/or waterfall. Parasites can enter the pond from bird feces and/or feathers.



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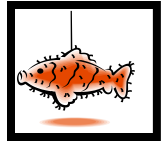
### 4) Treatments Available at PondMarket

[Crystal Clear Paracid](#), [Crystal Clear Ich Out](#), [Jungle Ich Control](#), [Jungle Parasite Control](#), [Jungle Anchors Away](#), [Microbe Lift Parasite Control](#), Microbe Lift Ich Out, Microbe Lift Broad Spectrum Treatment

## VIRAL, FUNGAL DISEASE & TREATMENT

### 1) Symptoms

Blood like red streaks in fins and body, White markings on fins and body, Cotton ball type growths on mouth, Brownish/whitish growths and/or gray cotton growths on fins or body



### 2) Common Diseases

Hemorrhagic Septicemia, Mouth Fungus, Cotton-Wool Disease, Fish Fungus

### 3) Actions

In most instances Viral and Fungal Diseases are a result of poor environmental conditions like bad water quality and excessive bottom debris coupled with inadequate foods, mineral ingestion, and feeding schedules.



Test pond water for Pond Salt Levels, pH Levels, and Waste Levels. High waste levels, high pH levels, high Waste Levels, and too low of Pond Salt Levels lead to stress causing Bacterial Disease in Koi, Goldfish, and other Pond Fish.



Increase dissolved oxygen levels using a [Pond Aeration kit](#) with a large air stone.

### 4) Treatments Available at PondMarket

[Jungle Fungus Eliminator](#), Microbe Lift Broad Spectrum Treatment, Microbe Lift Anti-Fungal Treatment, [Pond Care Pimafix](#), Tetra, [Crystal](#)

All Pond Fish can exhibit symptoms described as lethargic, loss of appetite, clamped fins, hovering, laying on their side, and gasping for air. This does not always indicate sickness or disease. These behaviors can be exhibited if chemicals (chlorine, fertilizer, pesticide, herbicide, paint, deck stain, etc) washed into the pond, if algacide was used with bacteria, if too much algacide was used, too much flocculent was used, high waste levels, or excessive amounts of bottom debris. Water changes and an air pump will often correct the problem.

PondMarket discourages the use of treatments that are bad for the environment and/or destroy the biological bacteria in a pond filter. Consulting a Vet is recommended as well.