

# Treating Koi with Salt

## Benefits

- ✦ Salt stimulates the mucus slim coat over the outside of Koi and provides a protective coating from parasites.
- ✦ Salt at 0.3% will kill the following;
  - Ich. (Ichthyophthirus) White spots.
  - North American Trichodina
  - Costia
  - Chilodinella
  - Epistylis
  - Scyphidia
  - Glossatella



- ✦ Will not harm your filtering system
- ✦ Salt concentrations of 0.3% are effective at detoxifying nitrite
- ✦ Salt can be used as a preventative for disease in the spring
- ✦ Salt has been used to control string algae at a concentration of .25% and higher.

## Considerations

- ✦ Salt levels **DO** harm some plants. Hardy water lilies, Irises or common papyrus are okay. See “Salt Tolerance in Pond Plants” for more detail (posted).
- ✦ Be sure to read labels looking for 95.5% pure salt. Make sure the label does **NOT** list YPS or Yellow Prussiate of Soda. Non-iodized, kosher, ice cream and sea salt are okay.
- ✦ **NEVER** put salt into the filter intake.
- ✦ Killing large quantities of algae with salt may pollute the pond. Remove most of the algae by hand first to reduce pollution
- ✦ Do not use salt continuously as parasites can become immune.
- ✦ **Salt never dissipates; you must perform water changes can remove it.**
- ✦ **Do not use salt with catfish.**

## Use

- ✦ Adjust salt levels gradually over 3 days to allow the koi time to adjust.
- ✦ **Add 1 lb per 100 gallons every day for 3 days (3 pounds per hundred gallons = 0.3%) Add all at once if fish are dying off rapidly.**
- ✦ **Leave salt in for a minimum of 14 days.**
- ✦ **When treatment is finished, remove salt by partial water changes over the next several weeks.**