



How to cultivate your own living bacteria.

Keeping Nishikigoi starts with creating a good environment for your fish to live in. An excellent biological balance is an absolute demand for the quality of live. On the basis of all this is good water quality.

Results of scientific research:

The sole device with successful test results for the fast activating of living bacteria. An find, unique in its kind, with spectacular results for cultivating living bacteria. The constant, temperature controlled climate ensures good fermentation and therefore rapid development of the Micro Bacteria.

- The multiplying of the Bacteria will already start at a temperature of 5°C.
- Cultivated from the natural strains, no gene manipulation,
- Fights off harmful bacteria as well as (pathogenic) fungi.
- Gives anti bodies against harmful organisms
- Immune against certain chemicals (Potassium Permanganate)
- Rapid diversion of ammonium and nitrite
- Helps breaking down blanket weeds
- Clear water

Existing pond

Restarting your filtration as quickly as possible at the beginning of the season proves to be a challenge every year. By doing so you are improving the natural habitat thus giving the Nishikigoi the opportunity to rebuild their resistance at the earliest moment possible. That way Nishikigoi will be better equipped to pass the warmer summer season and because they are in optimal condition, they can develop during this warm period in size, colour and pattern without problems.

New filtration systems and refreshing of water

When building a new pond, after cleaning the filtration systems, or after refreshing a percentage of your pond water it is advised to add micro bacteria to your system.

Starters unit

250 ml Micro-bacteria + 250 ml Bacteria Nutrient. Sufficient for 200.000 litres of pond water.

Preparation:

The Micro-bacteria that contain six different, carefully selected, heterofic bacteria, should be activated for use in your filters or pond by adding water and nutrition. A mix of 1 litre (water, Bacteria Nutrient and Micro-bacteria) is sufficient for 40.000 litres. Above 5°C living bacteria will start to multiply.

1. Use the inner bowl if the Kamiac of 1 litre (1000 ml.)
2. Pour ½ litre (500 ml) of warm water in the measuring glass
3. Add 50 ml of Bacteria Nutrient. Stir gently.
4. Fill the bowl further with luke warm water till 950 ml.
5. Add, whilst gently stirring, 50 grams Micro-Bacteria.
6. Place the inner bowl in the holder of the Kamiac.
7. Then place the lid on the inner bowl. The lid is provided with a pressure valve.
8. Now pour hot water in the space between the holder and the inner bowl.
9. Close the Kamiac completely with the transparent lid.
10. Switch the Kamiac on.
11. The Kamiac will provide a constant temperature.
12. Leave this mixture to activate for one day (24 hours).
13. Then pread the mix on to your filters, including the residue.

Maintenance of pond and filters

If after using the Kamiac no ammonium or nitrite is tested, it would be sufficient to add the Bacterial Feeding on a regular basis (weekly). However if you do test positive for ammonium and nitrite, repeat treatment.

Weekly

Should you wish to keep your pond water in the best condition possible, as clear and blanket weed free as possible, using the Bacterial Feeding on a weekly basis is advisable.

Medication

After using medication in your pond it is highly recommendable to support your filters with the bacteria from the Kamiac. The bacteria of the Kamiac are resistant against Potassium Permanganate, so should you treat with this substance, you can leave your filters on. Short-circuiting will not be necessary and there for optimal treatment is possible. Besides this the Kamiac Bacteria have the unique ability to clarify the water. This second quality means that you will not have to discolor the pond with hydrogen peroxide or Oxy-P. Just add 1 liter of Kamiac Mix to the filters, 12 hours after the last dose of Potassium Permanganate. Your pond will clarify as if you had discolored. Should your pond be over 40.000 liters, you will have to add a second liter of Kamiac Mix.