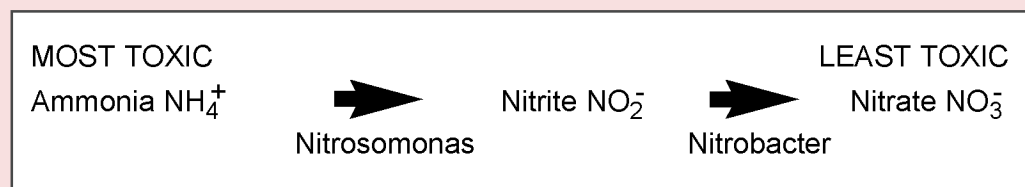



KOI CARE
Filter Bugs

 bacteria for a safe
and healthy pond

A HEALTHY POND NEEDS FILTER BUGS

The biological filtration system in any garden pond or Koi pond relies on the action of Nitrosomonas and Nitrobacter species bacteria to break down the toxic waste produced by the fish, and from the breakdown of organic matter in the pond. The reaction, is shown below.



This is one of the most important biological processes in fish keeping, as toxic waste ammonia is broken down into nitrate, which is relatively harmless and is required for aquatic plant growth.

Thus it is essential that these bacteria are present in a pond, either in the water itself or preferably concentrated within a filter system.

When a new pond is started none of these bacteria are present in a sufficient quantity, so they must be added to the pond before the maximum fish stocking density is reached. Filter Bugs contains millions of these bacteria soaked into a sponge pad. This can be added either into the pond or into the filter system. Filter Bugs should be added regularly to establish the bacterial colony when the pond is new, and then added periodically, once the pond is mature to boost their population. Pond Mature is a liquid preparation of these same bacteria, which can be used as an alternative, or an accessory to filter-bugs.

Supplied in packs of 5 sachets:

Pack size	Treats		
	Litres	Imp. Gallons	US Gallons
1sachet	2 674	600	700
5 sachets	13 370	3 000	3 500