

Water tests

pH

There is a delicate balance needed for pH as often what plants and bacteria need are not what fish like. Added to this, above a pH of 7 (neutral), nutrients often get locked out. (See figure 6)

Plants prefer a pH of around 6 so that they can take up certain nutrient (with a range from 4.5-7.0). Fish often prefer a pH of around 7 (with a range from 6.8-7.2). Bacteria prefer a range from 6.0-8.0.

pH testing is one of the most essential and regular checks for an aquaponics system. The

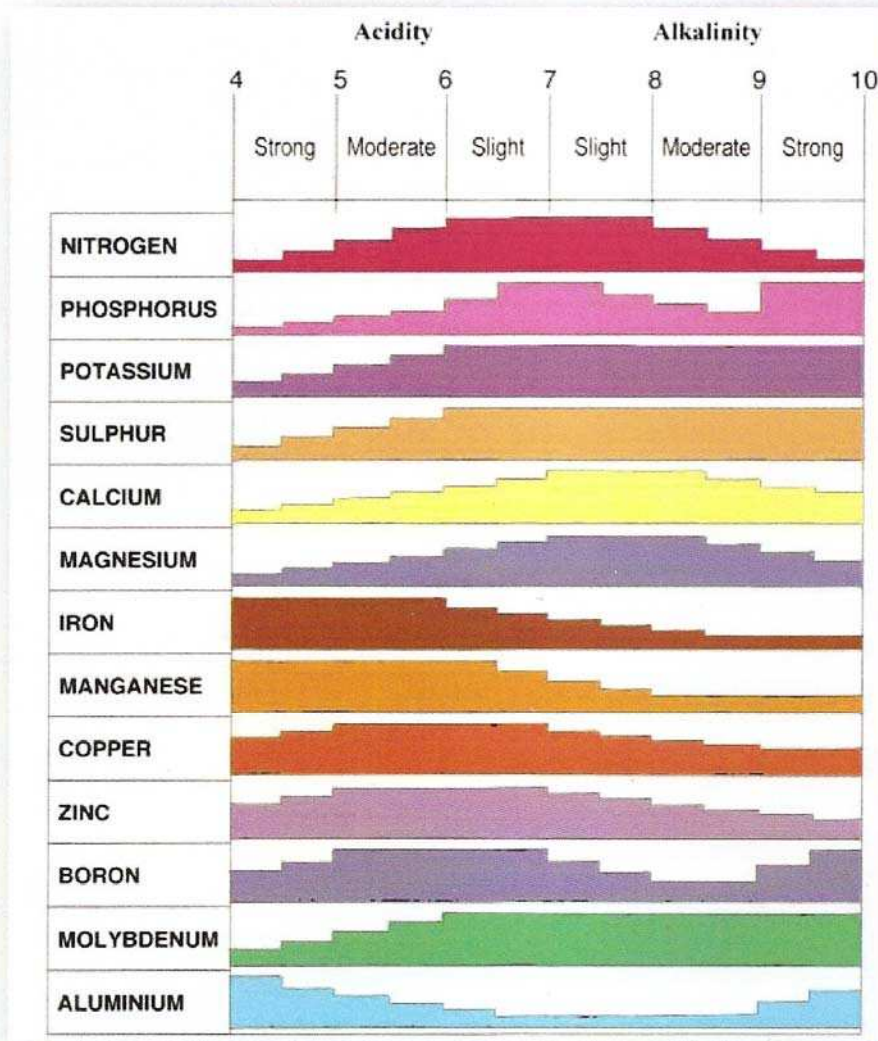


Figure 6
pH
nutrient

uptake chart

<http://aquaponicscommunity.com/profiles/blogs/chelated-iron>