

WHAT IS HYDROPONICS?

Without water, life on earth would not exist. There would be no hydroponics, much less a culture to practice it. Water is a vital part of every living cell. In plants, it provides turgor pressure on cell walls to keep leaves from wilting and it transports nutrition and energy stores in the form of dissolved salts and sugars through the plant.



In nature, fire and water act together to recharge the soil with nutrients. When forests burn, wood is turned to ash. Wood ash is rich in Potassium, one of the plant kingdom's fundamental foods. When the rains come, lifeless leaves and fallen branches are helped along their path to decay. Animals and insects hasten this process through their consumption of plant materials and excretion of organic wastes

which filter down into the soil below. The organic matter in the soil is biologically decomposed into the basic nutrient salts that plants feed on. The falling rains once again help in dissolving these salts, making them available for plants to absorb through their roots. For a plant to receive a well-balanced diet, everything in nature must be in perfect harmony.

Forests must burn, animals must eat, rains must come, wood must rot and microbes in the soil must be present and ready to go to work. Rarely, if ever, can you find such ideal conditions occurring on a regular basis. In fact, the earth's rainforests may be the only remaining examples of near perfect botanical conditions. Visit one if you ever get the chance!

Next week: Hydroponics cont'd

ROOM 2 GROW

Your One Stop Hydroponics Super Store!

NEW 
now in stock plus replacement seed kits & bulbs



We Ship Worldwide
372-3663 or 1-877-372-3663
   **Mon.-Sat. 10AM-5:30PM**
www.room2grow.ca

Everyday Low Prices!
901 Laval Cres., Kamloops
Across from Gold's Gym