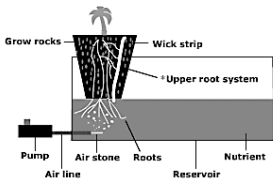


## The Raft System



\*Roots are not submerged in water. A wick strip to transport water for feeding is required.

The raft system is an interesting technique of growing lettuce and other short stature crops. In this

method, plants are supported by baskets fit into Styrofoam sheets that float upon a bath of nutrient solution. The nutrient solution is circulated and aerated from below to maintain a high level of dissolved oxygen and avoid stagnation. The raft system is a very economic means of producing large quantities of lettuce and mixed greens in no time.

## Ein Gedi System

First developed in Ein Gedi Israel, the Ein Gedi System (EGS) introduced a revolutionary new method to hydroponics. The system is comprised of fully enclosed rectangular growth chambers. Inside each container, nutrient solution is circulated 1-6 inches below evenly spaced mesh baskets that contain the plants. The air gap between the baskets and the solution is misted by sprayers residing along the upper inside edge of

the chamber. Roots growing into the mist zone are subjected to intense oxygenation, resulting in vigorous development. Once the roots grow through the mist zone, they are greeted by a circulating bath of oxygenated nutrient solution that eliminates the problem of stagnation commonly associated with NFT. The EGS provides a quick and efficient method for developing seedlings and cuttings into large, healthy plants.

Article from *How-To-Hydroponics*

Next week: *Aeroponics*

# ROOM 2 GROW

Your One Stop Hydroponics Super Store!

**Come & See The Hydro Solarium  
NOW IN STOCK**

How-to-Hydroponics - Available in-store.  
Check out our In-Store Specials

**372-3663** or 1-877-372-3663

Mon.-Sat. 10AM-5:30PM

www.room2grow.ca



We Ship Worldwide

**901 Laval Cres., Kamloops**

Across from Gold's Gym