

## What?

«*Hydros – Ponos*»

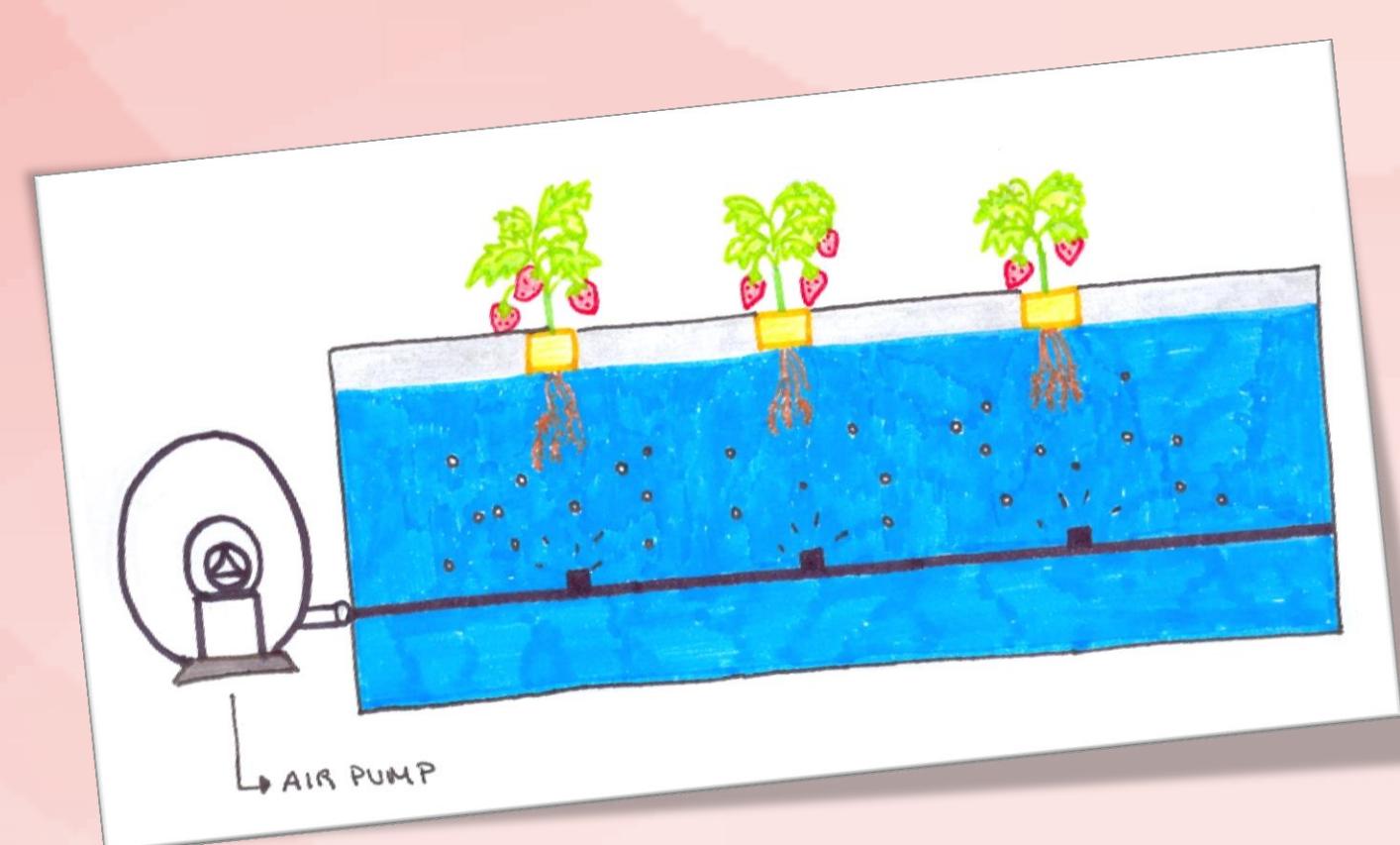
crop without *land*

## How?

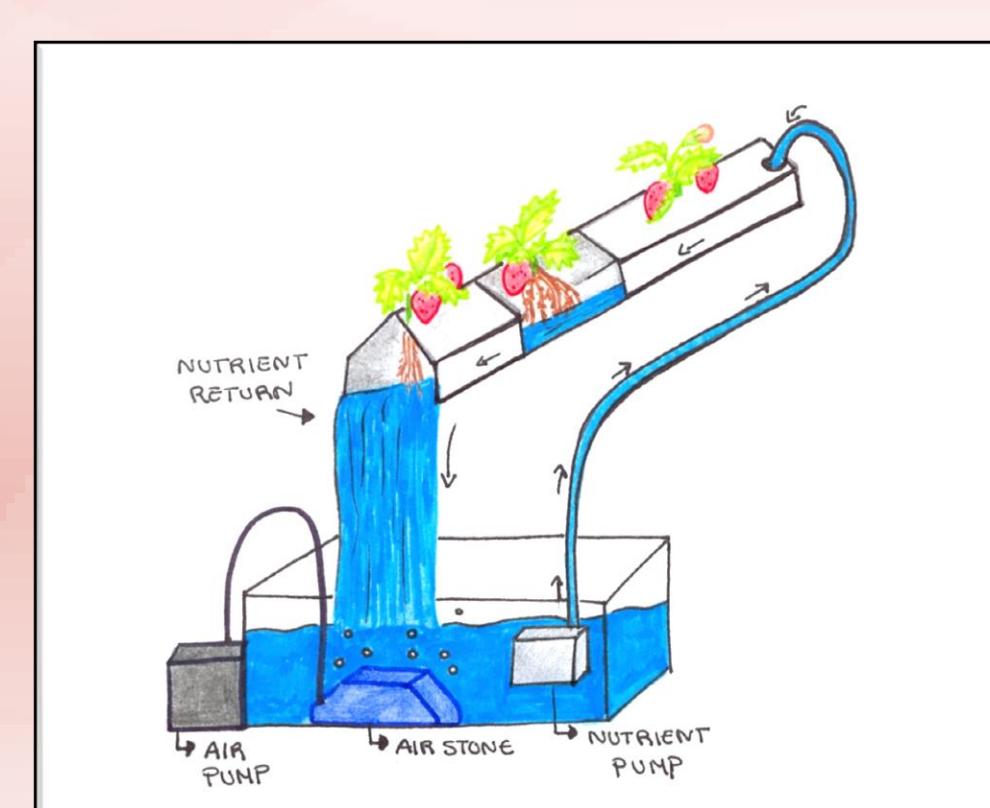
J.Benton Jones (1984)

### Water crops

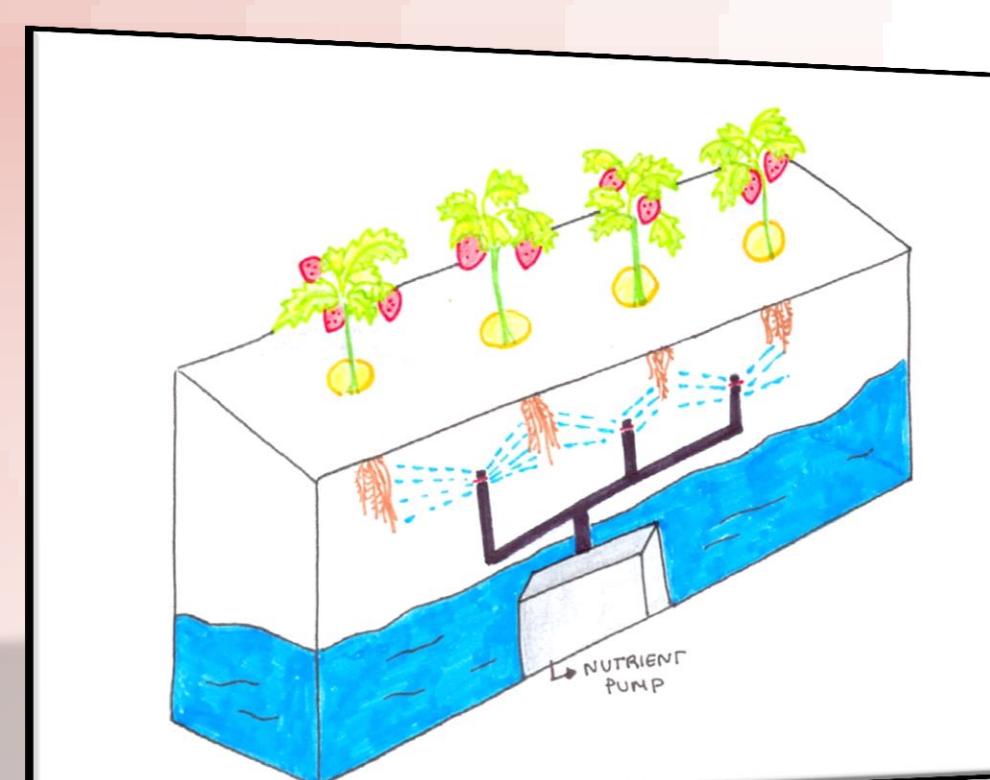
**Floating**  
"Standing aerated"



**NFT**  
"Nutrient Film Technique"



**Aeroponics**



## Why?

«Strawberry is one of the most exported product nationwide»

«We can know which minerals are needed in every part of the growth cycle» (Chow K.K et al., 1992)



- Faster growth rate.

- Control over nutrition.

- Control over conditions.

- Crops effective surface optimized.

- Plants health improve.

- Effective irrigation management.

- Automation and monitoring.

- Better aeration in root-zone.

✓



- Complete farmer dependence.

- Inert substrate not biodegradable.

- Expensive (build, maintenance and repair).

- Drip irrigation may be blocked.

### References:

(1): <http://www.jardisen.cl/partes/comosustratos.html>  
(2): <http://jimarconstrucciones.com/1>

(3): <http://www.blackbruc.com/es/grava-volcanica-gris.aspx>

(4): <http://www.rcds.com.ar/productos/turba.php>

Images References: