



Kratky Hydroponics: Soil-Free Growing Method

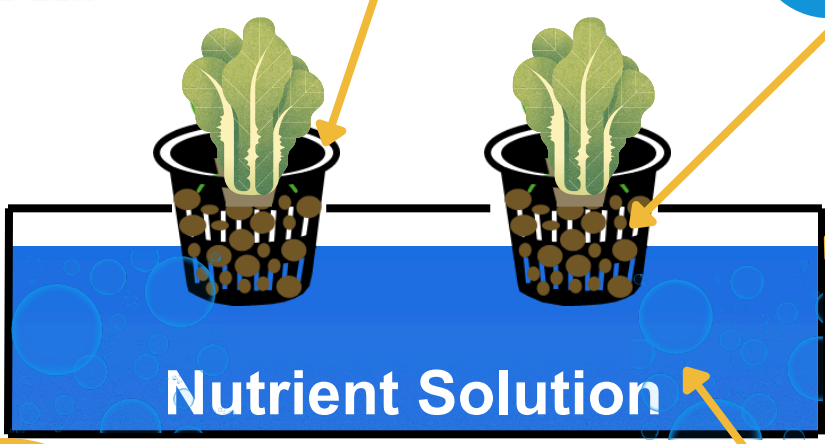
LEARN
MORE



Net cup: Supports the plant and has slots or holes for the roots to enter the nutrient solution.

Grow media: Helps the roots to get started and anchors the plant.

Common materials:
peat pucks,
rockwool, clay balls,
coco coir, perlite.



Reservoir: Watertight container that holds nutrient solution.

Can be made of plastic, Styrofoam, or glass, and can be any size (larger means little to no refilling).



Nutrient Solution: Special hydroponic fertilizers come in powder or liquid forms and mix easily with water.

Available online and at specialty retail stores.



Air space lets "air roots" absorb oxygen directly from humid air.

"Water roots" absorb nutrients and water.

Key Tips:
Leafy greens are ready to harvest after 30–45 days.

Fruiting vegetables (tomatoes, peppers, cucumbers, etc.) take longer and will require maintaining nutrient solution levels over several months.