

# VALUE CHAIN-GREEN LEAFY VEGETABLES

**S. Shanmugasundaram**



**Spinach**



**Kale**



**Green  
Dandelions**



Chinese cabbage



choysum



pakchoi



Cabbage



African kale





Amaranth



Bird nest fern







Jute mallow



Sweet potato

# Spinach





# Fenugreek Leaves (Methi)



# Green and Red Amaranth





# Urban Green leafy vegetable seller

























# Roadside market





# Green Leafy Vegetables in Shanty



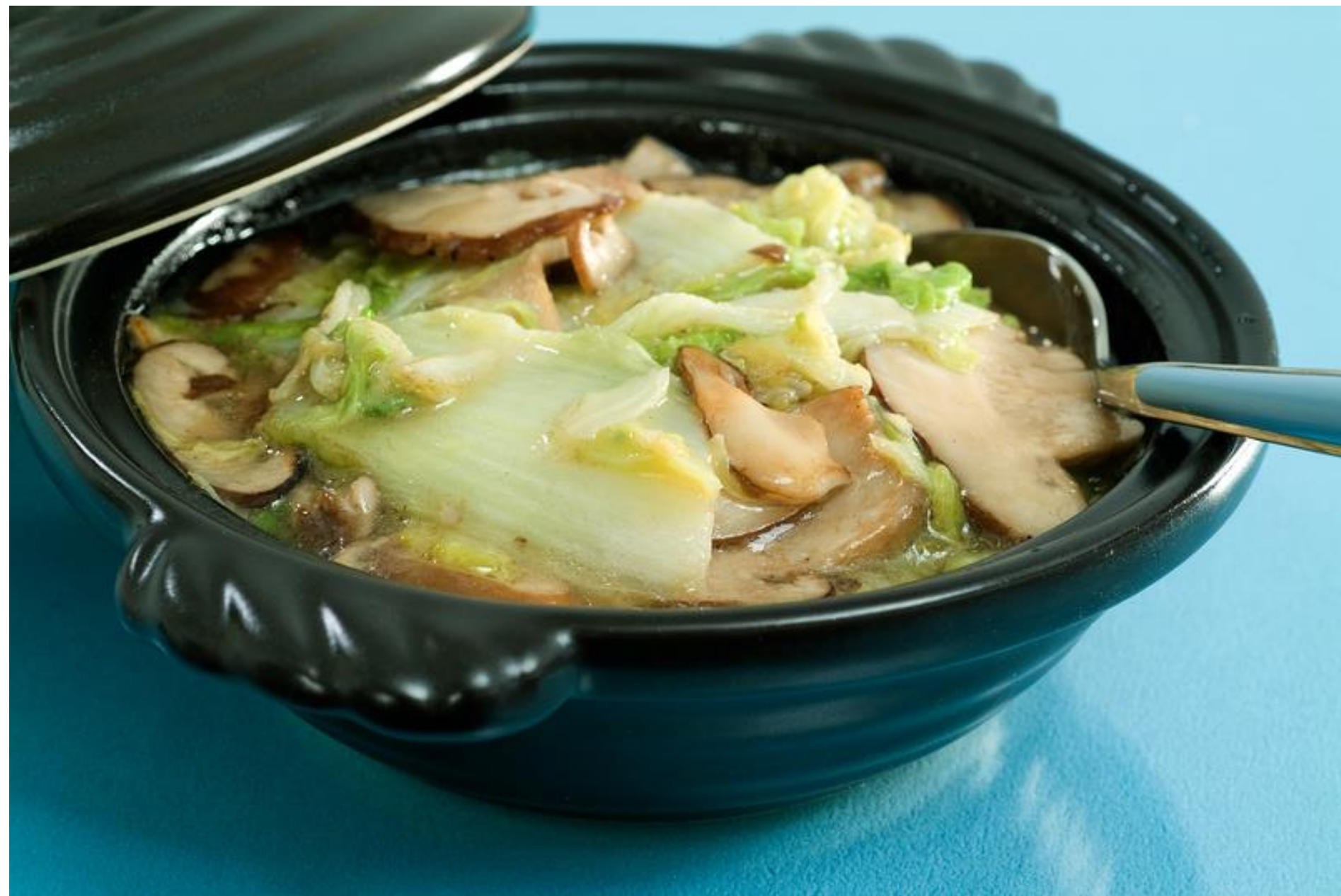














Kang Kong






## Amaranth







# VALUE CHAIN-GREEN LEAFY VEGETABLES

**NON-CIRCULATING HYDROPONICS**



# BUTTERHEAD AND RED CORAL LETTUCE





# OAK LETTUCE





# PAK CHOY (BOK CHOI)







Breathing Roots

**Nutrient and water  
absorbing roots**



# Boston Lettuce









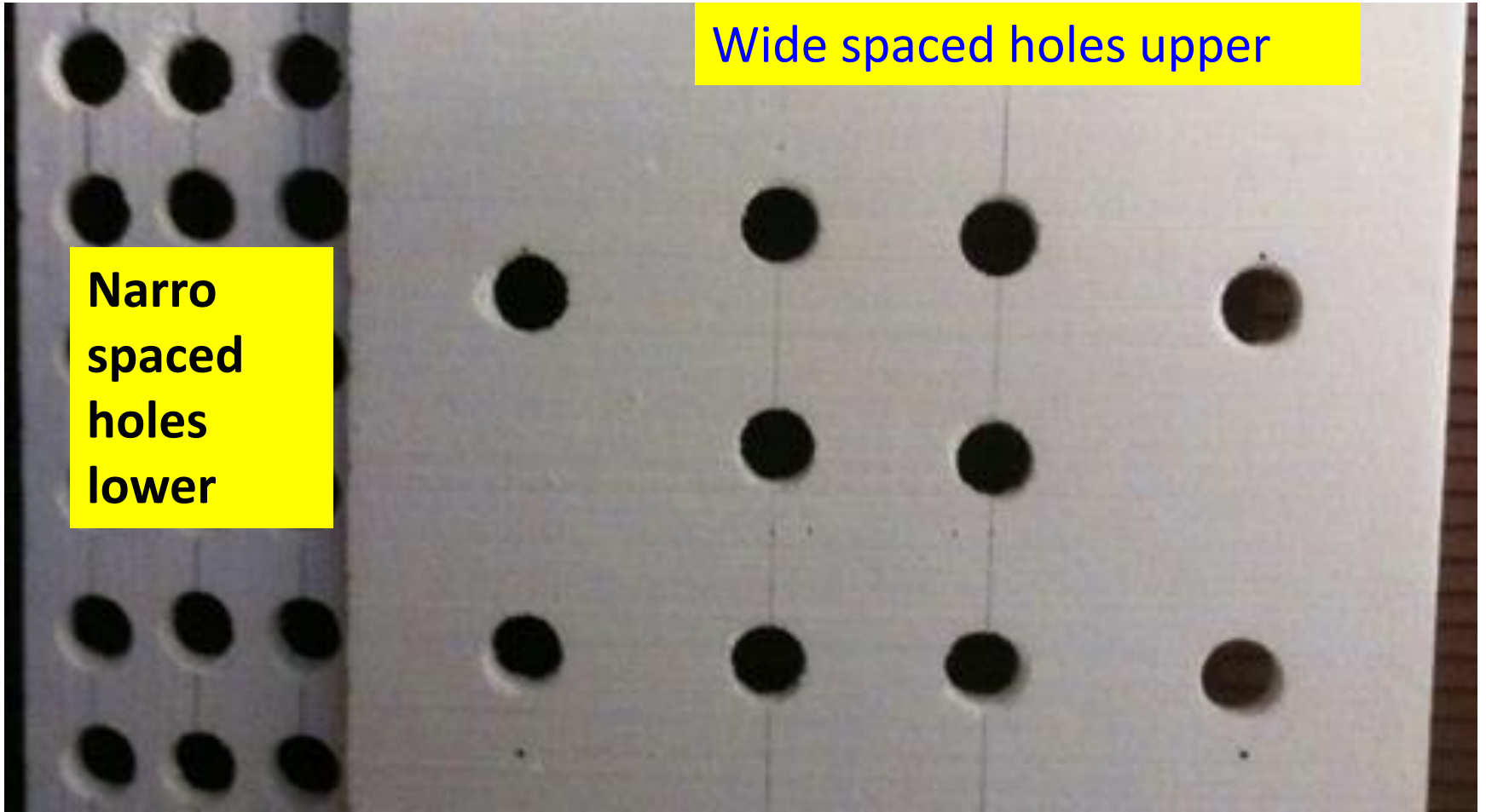




# Polystyrene boards

Wide spaced holes upper

Narrow spaced holes lower



The image shows the underside of a white, perforated material, likely a piece of fabric or paper. It features a grid of circular holes. A yellow rectangular label with the word "Underside" is centered over the material. The material has a vertical crease down the middle, and there are some small, rectangular white tabs or pieces of material attached to the surface.

Underside



# Seedlings raised in compressed peat moss pots



Transplant to used plastic cups with  
holes in the bottom and sides





# *Ipomoea aquatica* (Kangkong)



# Collard Green







# Nutrient Solution

- Miracle Gro water soluble tomato fertilizer
- Magnesium sulfate
- Sodium bisulphate (for pH control)



# Organic vegetables competition analysis

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PVC Pipes, Wood and Plastic Green house