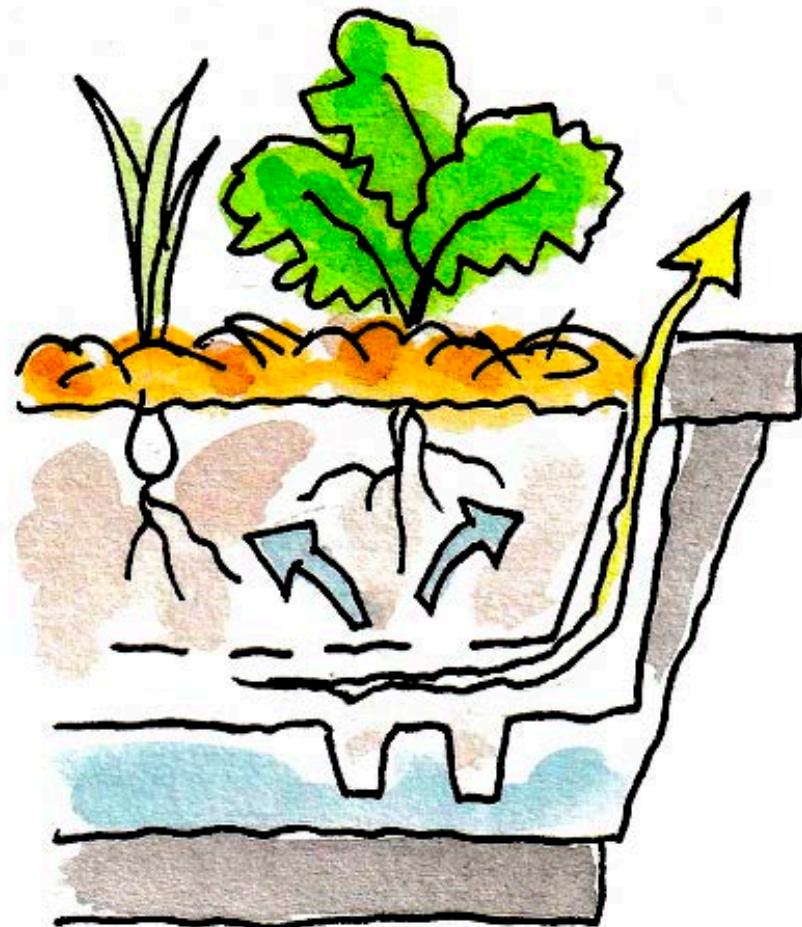


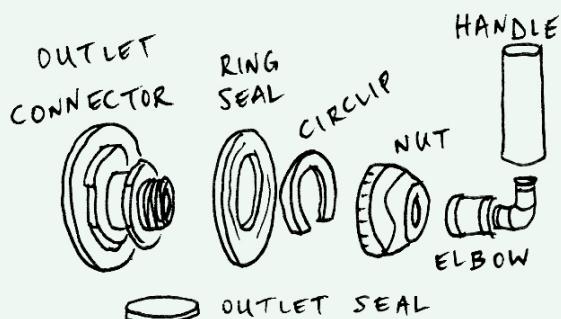
# Garden Site & Food Cube Construction

## How it works

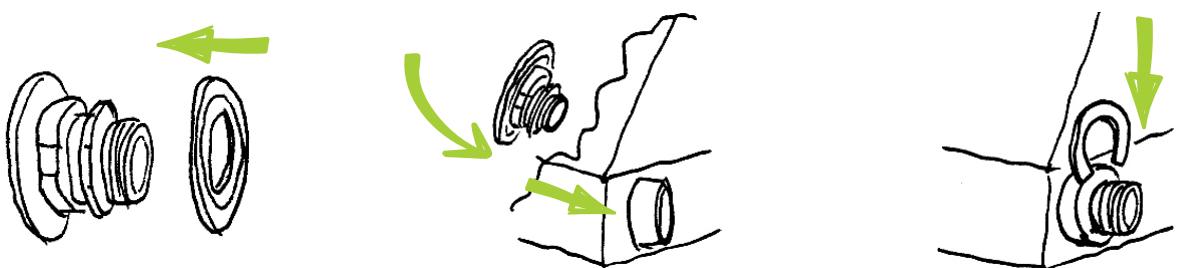
Your Foodcube uses a wicking process, enabling plants to draw water from a reservoir under the soil via the soil cones. Air circulates through the system via the air towers, aerating the soil.



# Construction



## ATTACHMENT OF LEVEL SETTER AND OUTLET CONNECTORS AT TUB OPENINGS:

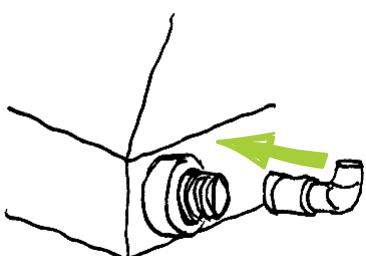


- 1 Place ring seal on outlet connector.

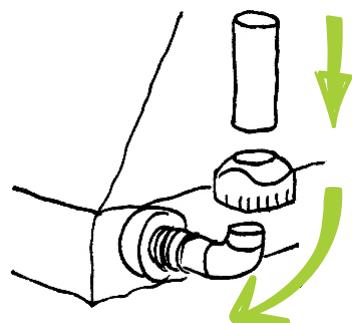
- 2 Insert outlet connector from inside tub.

- 3 Slide circlip onto outlet connector outside tub to secure.

## LEVEL SETTER:

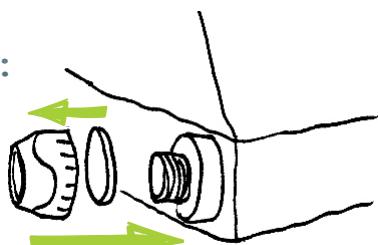


- 4 Push in elbow firmly. (Lubricate O rings if necessary.)



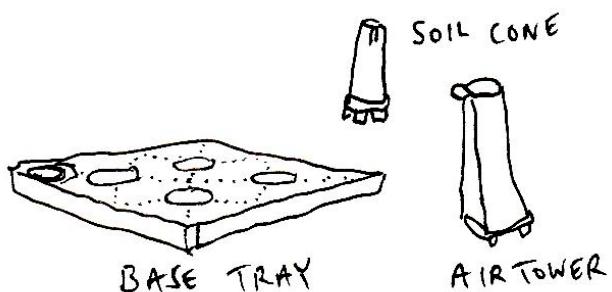
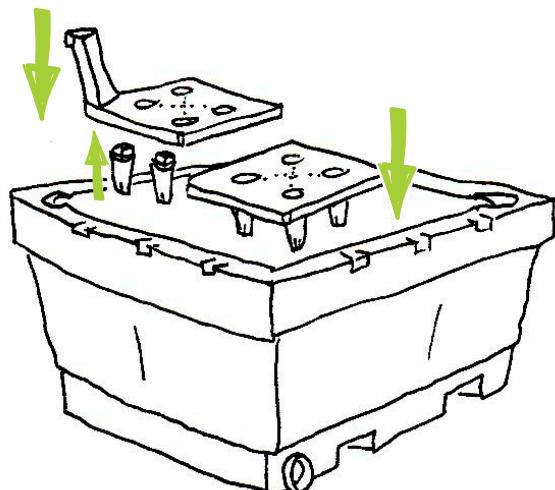
- 5 Slide nut over elbow and attach tightly to outlet connector. Attach level setter handle to elbow.

## OUTLET:



- 6 Place outlet seal inside nut and attach nut to outlet connector.

## TRAY SET-UP:



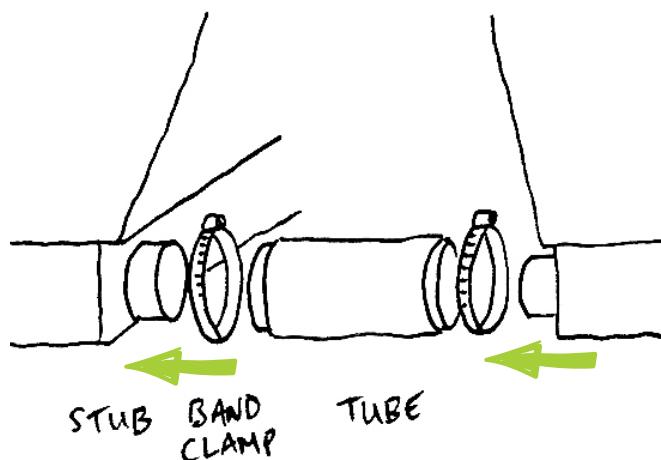
- 1 Attach each air tower to the two base trays with tower connections.

- 2 Attach soil cones to bottom of the four trays. Place trays in bottom of tub.

- 3 Hook tops of air towers into slots at corners of tub.

## MULTIPLE TUB CONNECTION:

- 1 Place tubs close together with outlet stubs facing each other. (Level setter must remain on end tub.)



- 2 Place band clamps in grooves of connecting tube (but do not tighten yet).

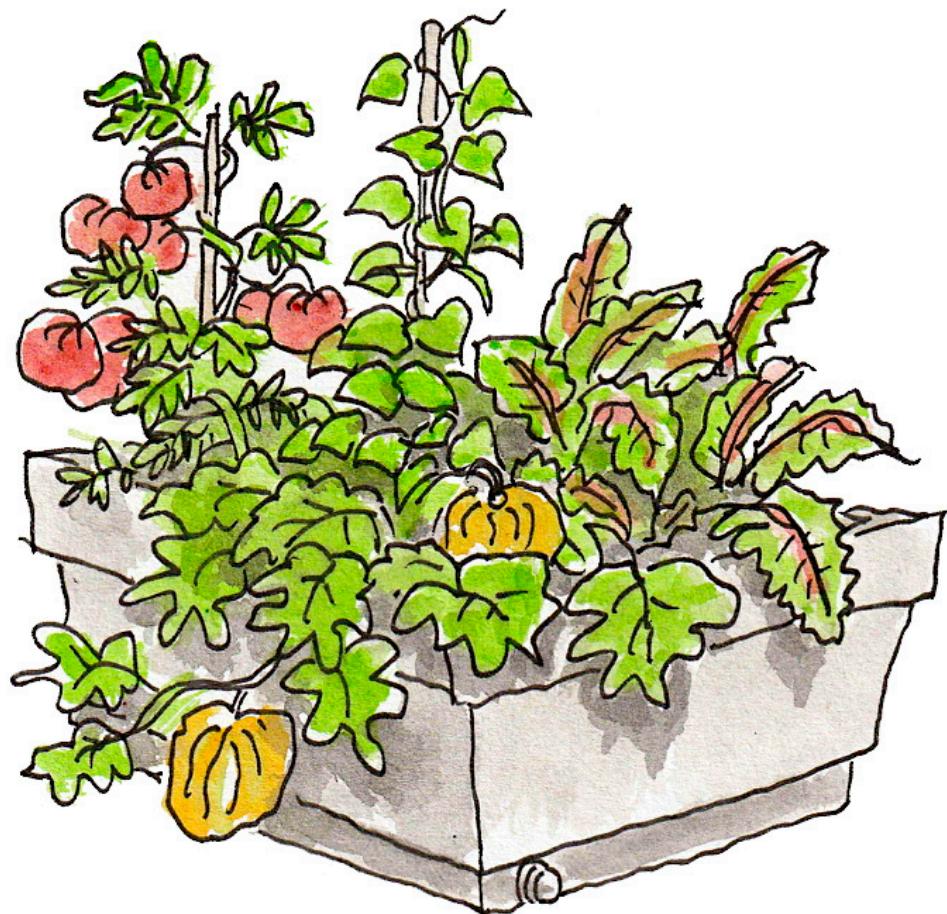
- 3 Slide connecting tube onto stubs on tubs.

- 4 Tighten band clamps.

For detailed set-up information and videos please see <https://www.biofilta.com.au/foodcube-setup.html#/>

# Using Food Cubes

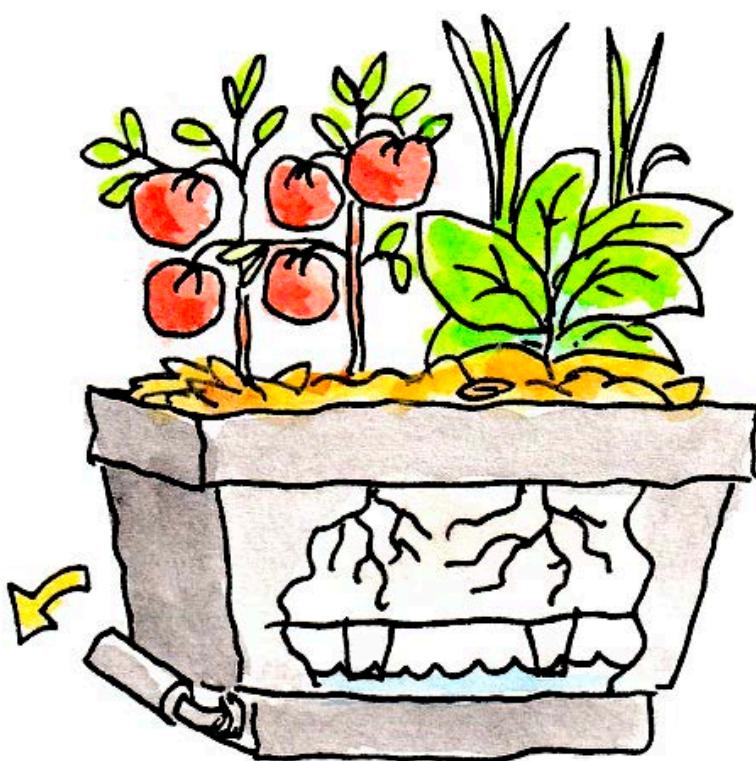
- Ensure cubes are on a firm, level surface.
- Test seals by filling to maximum water level before filling tub with media.
- Use healthy potting soil with plenty of organic matter/compost.
- Cover surface well with thick leaf mulch to minimise water loss.
- When beginning to fill tub with soil, push soil into soil cones to ensure contact with water.
- Add water using the air tower vents at corners of tub.
- Water seedlings directly from above.





## Level setter:

- Use level setter to control water height.
- Use maximum setting to saturate soil for seedlings.
- Use normal setting to create air gap between water and soil and to avoid root rot for mature plants.
- Check water level by checking level setter. Water should be visible inside handle when set at appropriate level.
- Tilt level setter downwards below horizontal to drain tub.



## Maintenance:

- Every few years between planting you can take out the soil mix so that you can remove the trays and check for root build-up in the cones. When you replace the soil renew it with additional compost and fertilisers.
- Top-up soil after harvesting.