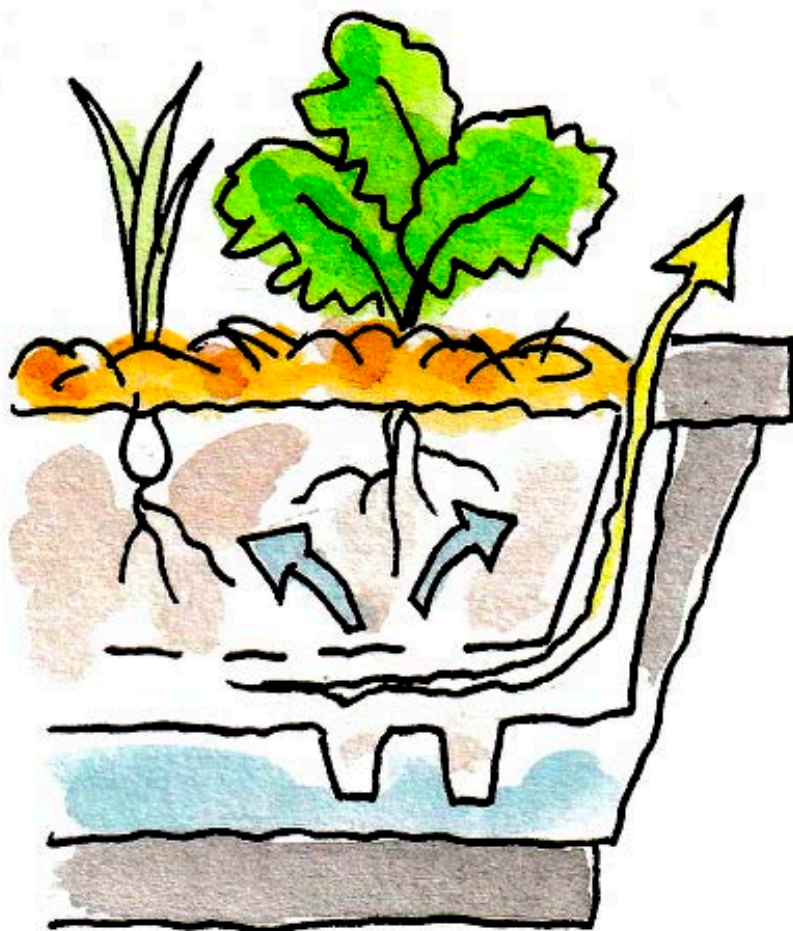


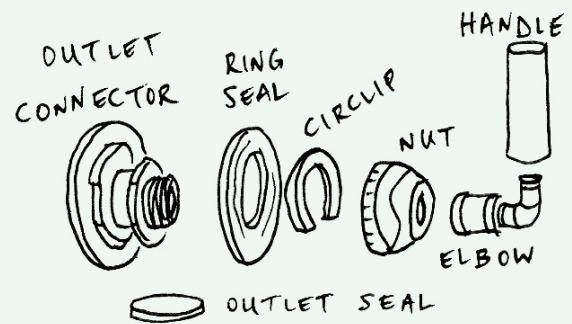
Garden Site & Food Cube Construction

How it works

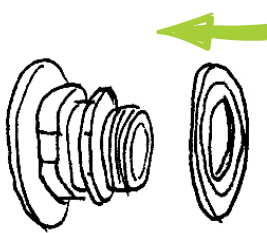
Your Foodcube uses a wicking process, enabling plants to draw water from a reservoir under the soil via the soil cones. Air circulates through the system via the air towers, aerating the soil.



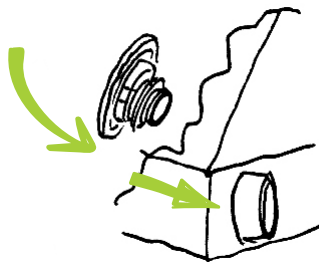
Construction



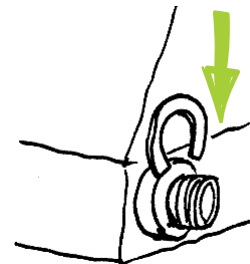
ATTACHMENT OF LEVEL SETTER AND OUTLET CONNECTORS AT TUB OPENINGS:



- 1 Place ring seal on outlet connector.

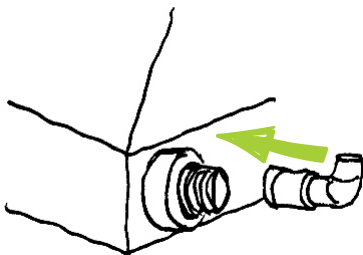


- 2 Insert outlet connector from inside tub.

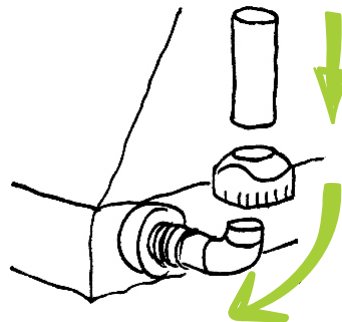


- 3 Slide circlip onto outlet connector outside tub to secure.

LEVEL SETTER:

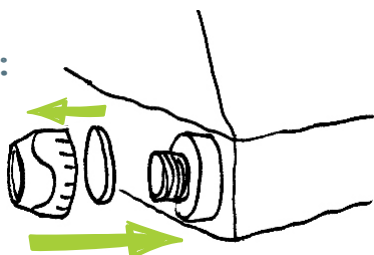


- 4 Push in elbow firmly. (Lubricate O rings if necessary.)



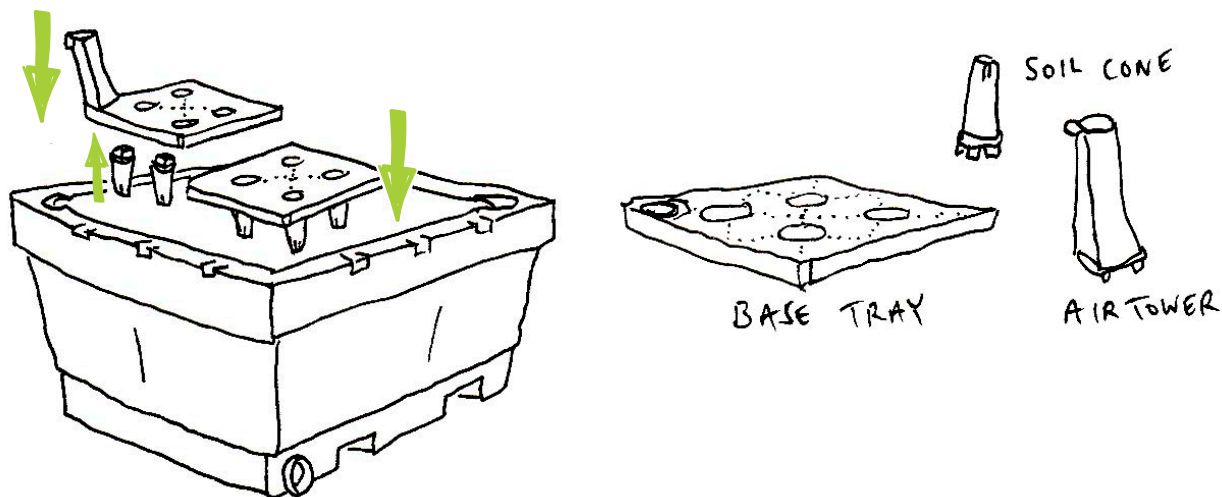
- 5 Slide nut over elbow and attach tightly to outlet connector. Attach level setter handle to elbow.

OUTLET:



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

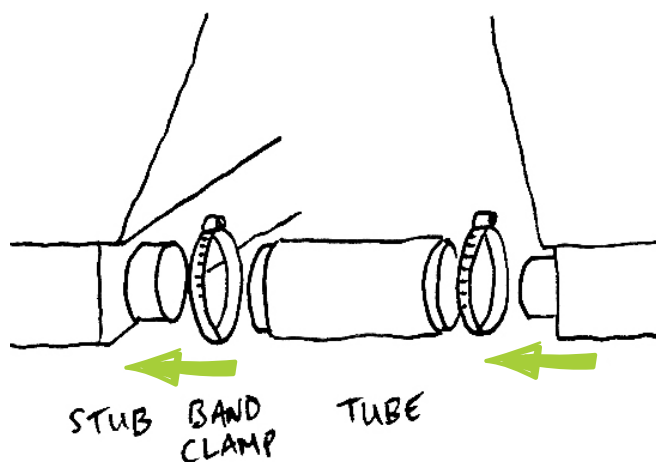
TRAY SET-UP:



- 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.

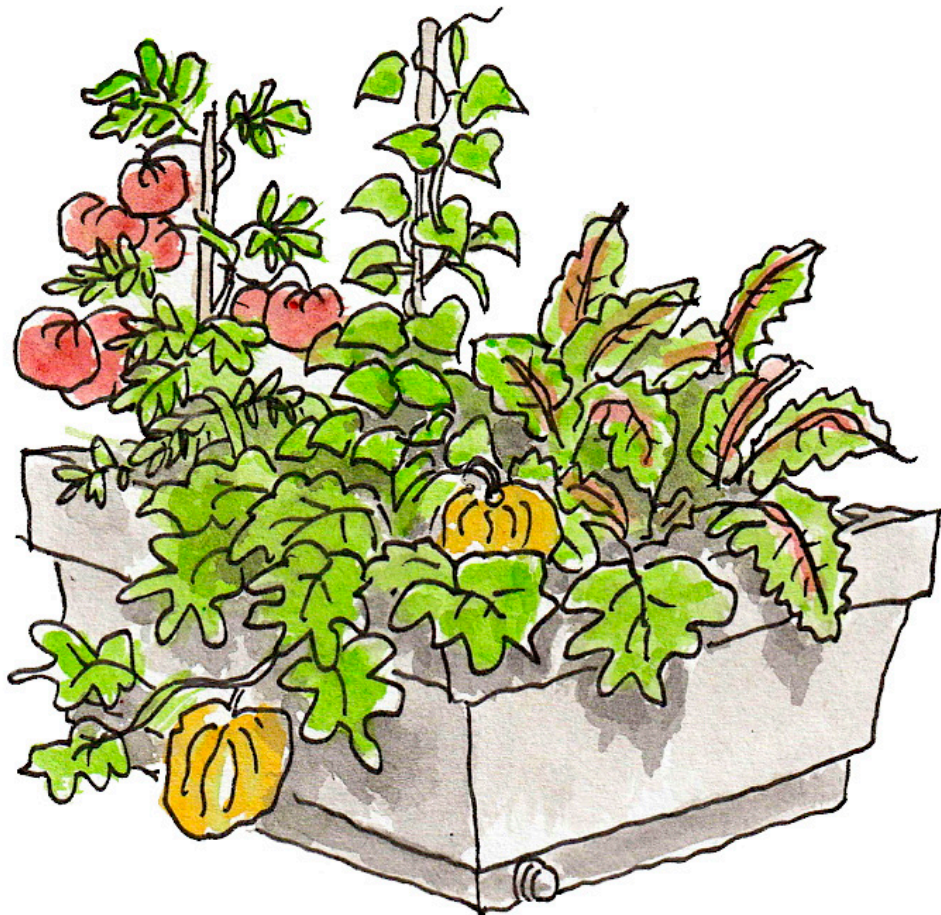


For detailed set-up information and videos please see <https://www.biofilta.com.au/foodcube-setup.html#/>



Using Food Cubes

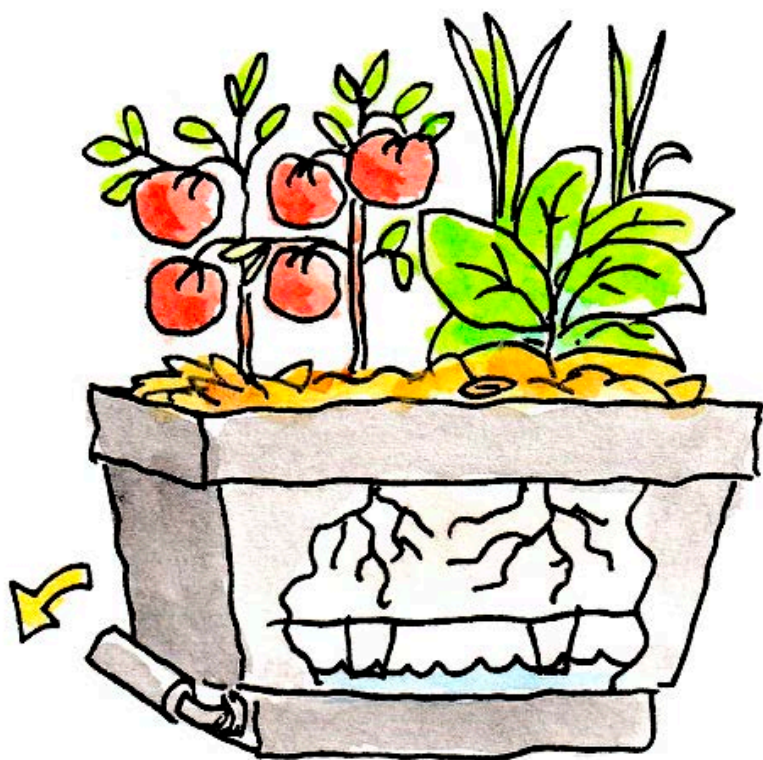
- Ensure cubes are on a firm, level surface.
- Test seals by filling to maximum water level before filling tub with media.
- Use healthy potting soil with plenty of organic matter/compost.
- Cover surface well with thick leaf mulch to minimise water loss.
- When beginning to fill tub with soil, push 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.