URBAN AGRICULTURE



Description

We have created heat domes over our cities (concrete, bitumen and heat-absorbing, re-radiating surfaces). By providing more 'solar panels' (plants) in our cityscape, we can convert some of this heat into productive biomass and productive food systems (community gardens and rooftop gardens).

By 2050 there are an expected 10 billion people on the planet. Some 7 billion will be in cities with half of their food needing to come from innovative urban farming strategies.

PAPERS

Urban Agriculture: Humanity's last chance to secure its habitats and safe cooler climate.

Keynote presentation to the 9th Korean Urban Agriculture Conference. November 2021

READ

By Walter Jehne

LINKS

Growing hope in the face of crisis - making the case for urban agriculture

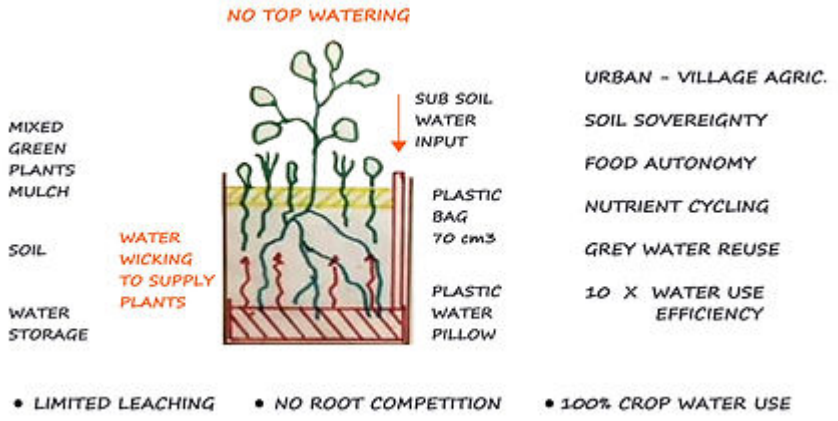
[Climate Action by Global City Farmers at 2021 Seoul International Conference on Urban Agriculture]

[Regenerate Earth: Urban Agriculture - Chinampas floating gardens]

WATER USE EFFICIENCY - WICKING BAGS

10 X WUE - LIMITING LOSSES AND COMPETITION

To help catalyse some direct practical action and outcomes, Regenerate Earth has designed and would like to make available wicking bags to everyone globally to aid their urban agriculture outcomes. Wicking bags are simple, cheap innovations made from locally recycled waste plastic to massively aid the opportunities for, efficiency of and production from urban agriculture.



While simple, cheap and highly flexible so as to be of service in diverse sites, the use of such wicking bags has the potential to fundamentally enhance the efficiency, ease, equity and value of most urban and village farming and food production systems. Given that some 80% of the food eaten by humanity already comes from such gardens often via the hard work of poor women, making this much easier, more secure and productive can contribute greatly to securing our future food needs.

https://www.regenerate-earth.org/urban-agriculture-featured