

A close-up photograph of a hand watering a small green seedling. The hand is positioned on the right side of the frame, with water dripping from the fingers onto the soil. The seedling is on the left, with a thin stem and two small leaves. The background is a soft, out-of-focus green. The title text is overlaid on the image.

Three Forms of Garden Care

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Urban Farming

- urban farming is growing or producing food in a village, town, or city.



Info

- In urban farming, the goal mainly goes from grower to **user.**
 - Restaurants
 - Farmers market
 - Soup kitchens

As people began to understand how our food is made, how far it travels, and wonder how it is being kept fresh. Matter was taken into our own hands with urban farming. (1970)

Some urban farms are built exclusively for education, training or re-entry programs. Many are built to improve food access in a specific community or to continue traditional culinary cultures.

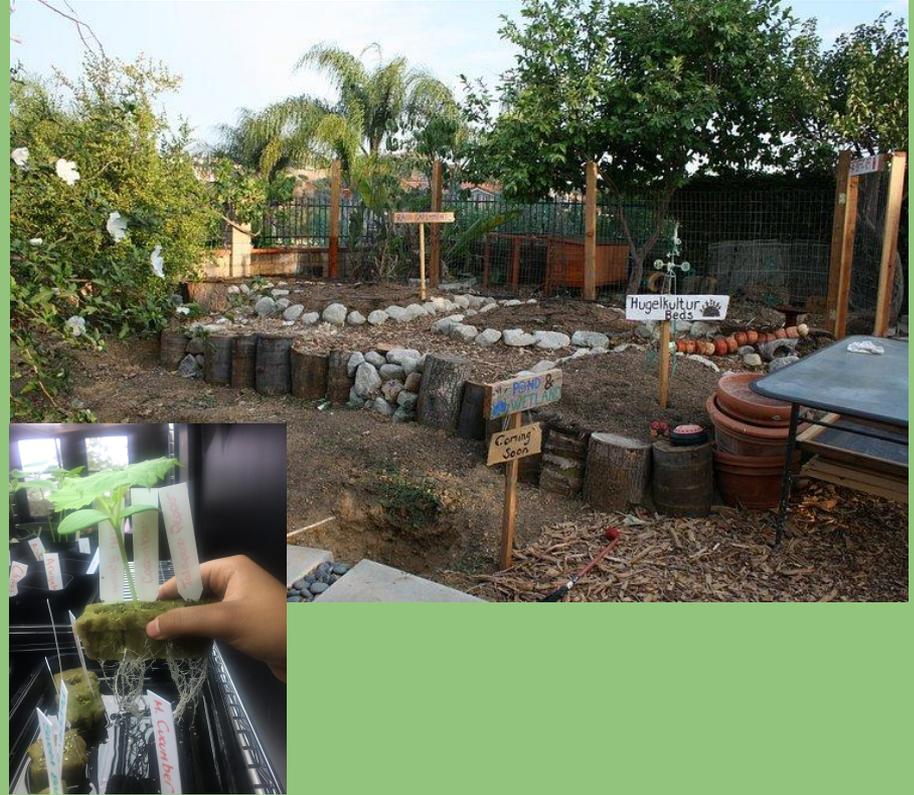


- Here is a real world example of our mini farming, there is jalapeno peppers, and cucumbers

Promote food security

How is urban farming helpful?

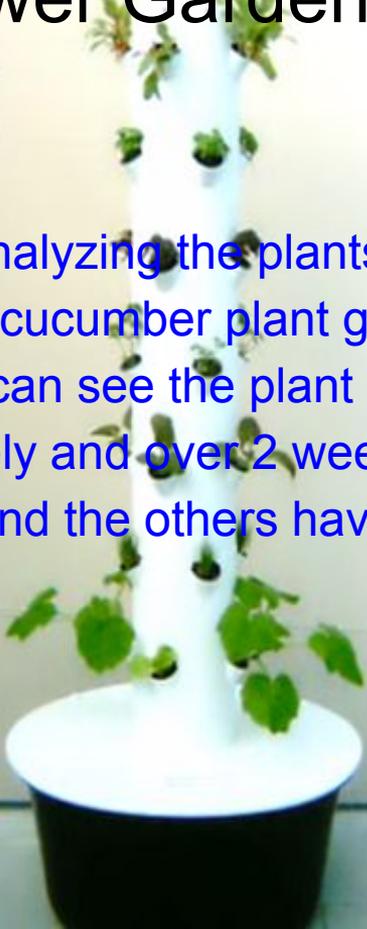
- Urban farming has had a positive effect on the economy with health and nutrition. With urban farming we are more than likely to be kept from diseases and poisons and healthcare funds are decreased.
- While growing our plants it was noticed that it was a slow process of the food actually sprouting. Our group predicted that this was due to it being an all natural growth without processing or chemicals being sprayed over the plants .



Some chemicals that are used on crops are pesticides; herbicides, insecticides ... If you don't know what these are then you probably should not be consuming them without knowing the risk.

Tower Gardening

Week 1



Week 2



Week 3



While analyzing the plants, we realized that the cucumber plant grew the most. As you can see the plant has grown massively and over 2 weeks it has grown and the others have barely grew.



Info

Tower Gardening can make the plants grow faster than if they were planted in the ground. The Tower Garden provides a lot of sunlight. Also there is water given to it by the hour. This can be very sufficient for the plants and I think that it is better than planting it in the ground. This can also create less space for gardens.

Promote food security

- Ensures that the food is nice and grown healthy.
- Make sure nothing bad effects it.
- Make sure the plants get enough sunlight and water.

Pastoral Farming

Pastoral Farming is a form of agriculture aimed at producing livestock, rather than growing crops such as raising beef cattle.

It is common practice in religion in arable land and is gradually developing around the world.



Pastoral Farming

<https://www.youtube.com/watch?v=SKnVbfWNcso>

- It is expensive and labor intense to raise livestock this way (Priced for wealthy).
- It has a predominant economic dependence on the herds and their products.
- Many pastoralist live in Central Asia and East Africa because they are primary homes to cattle.
- For low-income developing countries, heavily investing in pastoral farming is risky because expected returns can decrease significantly due to unforeseeable events such as climate change.

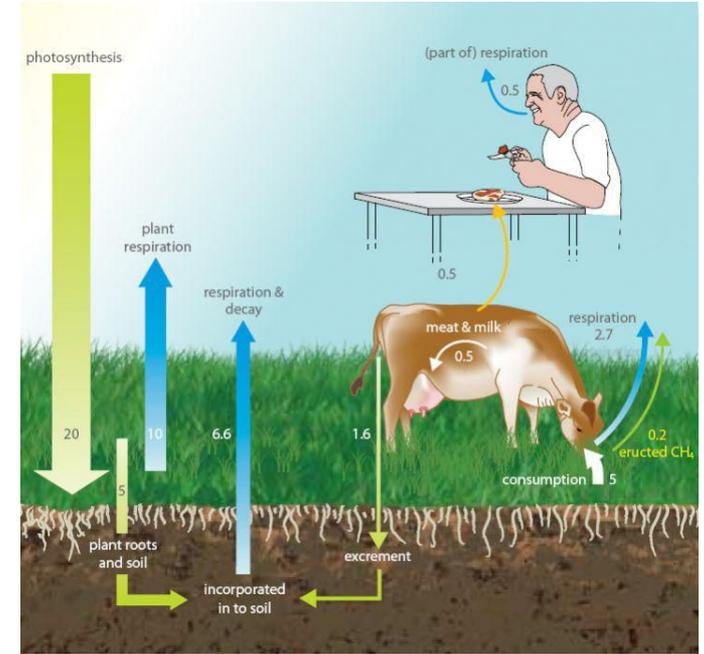


Diagram shows that the CO₂ flows from the atmosphere to the soil and respire back to its original form. A small amount of CO₂ is converted as CH₄ and is belched out.

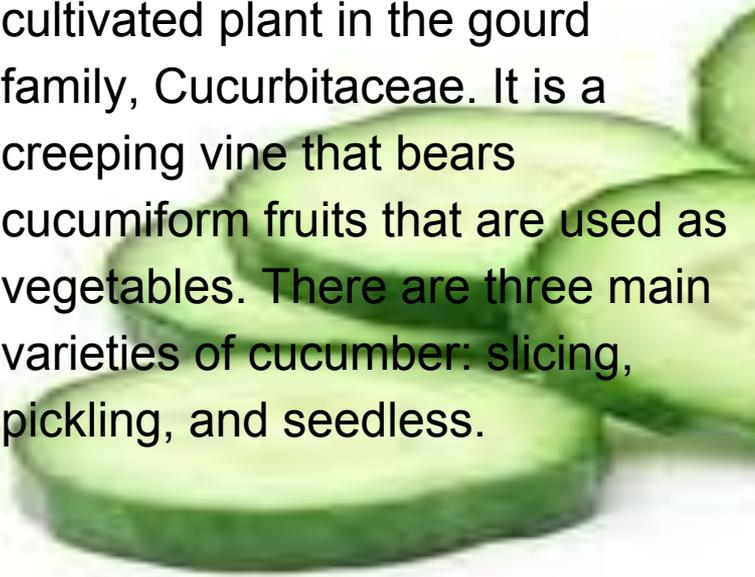
Food Security

- Ensures that the food is safe to eat
- Raises animals at the rate that population rises
- Careful to avoid diseases
- Takes time to raise healthy animals without GMO
- Tends to animals around the clock and cares for them individually.



Cucumber

The cucumber plant is a widely cultivated plant in the gourd family, Cucurbitaceae. It is a creeping vine that bears cucumiform fruits that are used as vegetables. There are three main varieties of cucumber: slicing, pickling, and seedless.



Broccoli Sprouts

Broccoli sprouts are one of the most potent cancer-fighting foods. Harvested at just four to five days old, broccoli sprouts are the baby versions of adult vegetables. A 3-ounce serving of broccoli sprouts provides 35 calories, 5 grams of carbohydrate, 2 grams of protein and 4 grams of fiber. The sprouts also pack sulforaphane, a powerful plant chemical with health benefits.



Jalapeño Peppers

The jalapeño is a medium-sized chili pepper pod type cultivar of the species *Capsicum annuum*. A mature jalapeño fruit is 5–10 cm long and hangs down with a round, firm, smooth flesh of 25–38 mm wide.



Citations

“Is Pastoral Agriculture Carbon Neutral?” *NIWA*, 29 Sept. 2017,
www.niwa.co.nz/atmosphere/faq/is-pastoral-agriculture-carbon-neutral

“Pastoral Farming.” *Beef2Live*, beef2live.com/story-pastoral-farming-0-106915.

“Tim Blank.” *Juice PLUS*, www.towergarden.com/blog_authors.html/en/authors/tim-blank.html.

“What Is Urban Farming?” *Greensgrow*, www.greengrow.org/urban-farm/what-is-urban-farming/.

“When did urban farming begin” <http://foodtimeline.org/urbanfarms.html>

Blog Post Links

Ayanna:

Rayna: <http://www.greensgrow.org/urban-farm/what-is-urban-farming/> and <http://foodtimeline.org/urbanfarms.html>

Raquel: