

The Bitter Truth?

THE TRUE STORY ABOUT THE LEMON AND LIME BROTHERS

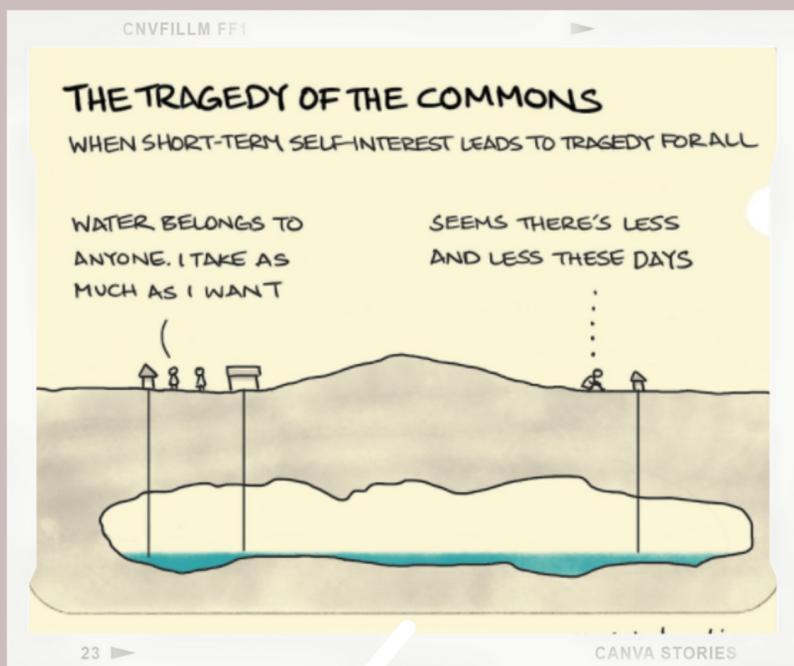
Production of lemons and limes is relatively sustainable

as long as pesticides have not been used.

However, the most producers of industry use pesticides which ruin the soil and so forth.

WHO MAKES THE MOST LEMONS AND LIMES? *normally*

India	3 Million Tonnes
Mexico	2.42 M Tonnes
China	1.91 M Tonnes
Argentina	1.30 M Tonnes



In '20-'21, Mexico was the leading producer of lemons and limes, harvesting a total of 2.87 million metric tons!

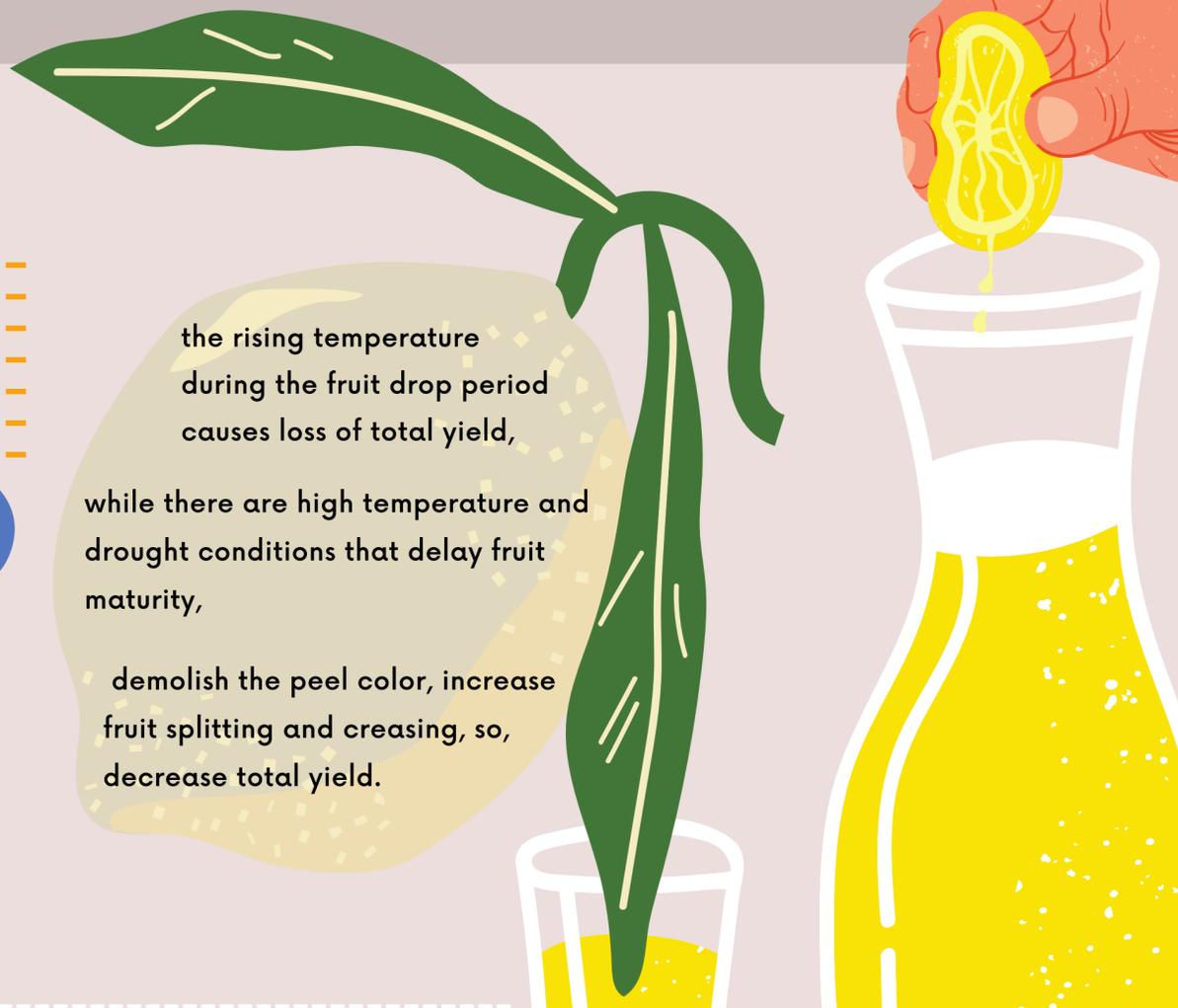
global lemon and lime production amounted to approximately 20.05 million metric tons in 2019,

Commons is how we used our environment and the resources given which are eventually overused and depleted.

- Resources that lemons use
- groundwater
 - global atmosphere, sunlight.
 - Climate change



the rising temperature during the fruit drop period causes loss of total yield, while there are high temperature and drought conditions that delay fruit maturity, demolish the peel color, increase fruit splitting and creasing, so, decrease total yield.



Bitter but sweet

Lemons are not only good for lemonade but also for other things!

- cleaning supplies, you can make a cleaning liquid with it, and that is much better than using a chemical wash.

Lemon is a good source of vitamin C and flavonoids, which are antioxidants.

- These nutrients help prevent diseases, boost health and wellbeing.
- Lemons can help aid digestion, asthma treatment and prevention, boost energy, brain function, hydration, reduce inflammation, regulate blood sugar, stress relief, treat cold, flu and fever.



My lemon tree! I've had since I was 5

Selection

- Many offspring
- Low investment
- Most die before maturity
- Short life
- Superficial relationships
- Low individuality
- Commodities

K Selection

- Few offspring
- High investment
- Most mature
- Long life
- Rich relationships
- High individuality
- Brands

Survival

Lemons and limes die in-between r and k selection.

tree produces enough flowers as offsprings, and some flowers fall but enough lemons do survive to have at least 175lbs per year

WHO BUYS THE MOST LEMONS AND LIMES?

India	3.2M Tonnes
China	2.4M Tonnes
Mexico	1.9M tonnes

The food industry is the biggest business to buy lemons and limes. Especially restaurants.

Due to COVID and restaurant restrictions, the demand has declined so the lemon and lime business has been having trouble creating the same profit as it did before

Fun Facts

- Limes sink whereas lemons float.
- but lemons tend to be sweeter, while limes have a more bitter flavor.
- Christopher Columbus brought lemon seeds with him to America in 1493, introducing the fruit there.

GERD and acid reflux are triggered by acidic foods, including lemons. Symptoms include heartburn, nausea, and vomiting.

The acid in lemon juice can damage the enamel of your teeth. Enamel is the protective covering that defends your teeth against all sorts of things. Such as cavities

Lemon juice is high in tyramine. If you are sensitive to tyramine, drinking lemon juice can trigger migraine