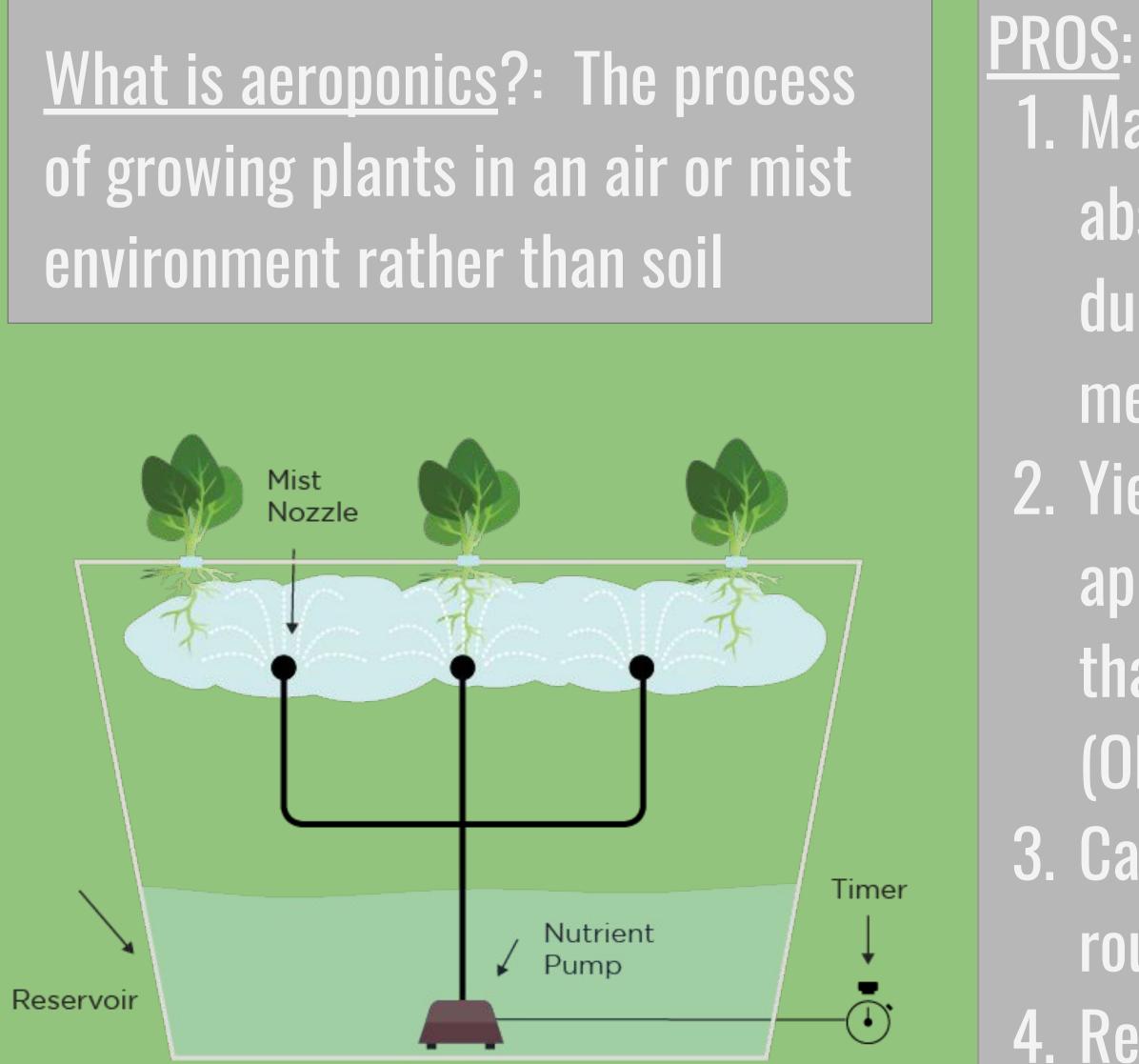
Can Aeroponics Sustainabily Feed the World?



Why aeroponics?

- 1. Soil degradation due to conventional practices
- 2. Potential economic savior for farmers

By David Slater and Amelia Kovacs

- 1. Maximum nutrient absorption for plant roots due to no growing
 - medium
- 2. Yield rates are
 - approximately 30% more
 - than traditional farming (Ohta, 2013)
- 3. Can continue to grow year round
- 4. Reduces soil degration by minimizing need

CONS:

- 1. Require constant attention to sensitive system
- 2. Energy intensive
- 3. The cost for initial set up can be high
- 4. Require technical knowledge
- 5. Susceptible to power outages
- 6. Potential root diesases

3. Reduces ecological effects of current conventional practices (land use, fertilizer use, deforestation)











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