Can Aeroponics Sustainably Feed the World?

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What is aeroponics?: The process of growing plants in an air or mist environment rather than soil

PROS:
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 degradation 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 diseases

Why aeroponics?
1. Soil degradation due to conventional practices
2. Potential economic savior for farmers
3. Reduces ecological effects of current conventional practices (land use, fertilizer use, deforestation)
**References**

*AEROPONIC TECHNOLOGY.* (2019, February). Retrieved from True Garden:

https://truegarden.com/commercial/#aeroponics


