

## Resources (links)

- [Data: Food Growing Under Protection in the United States](#) (USDA National Agricultural Statistics Service)
- [XROOTS Tech Demo](#) (National Aeronautics and Space Administration)
- [Small-scale Hydroponics](#) (University of Minnesota)
- [Hydroponics at Home](#) (University of New Hampshire)
- [Hydroponics: A Brief Guide to Growing Food Without Soil](#) (University of Nevada)
- [What is Aquaponics?](#) (Texas A&M AgriLife Extension)
- [Building a Vertical Hydroponic System](#) (Oklahoma State University)
- [Building a Floating Hydroponic Garden](#) (University of Florida)
- [Homegrown: DIY Hydroponics for All Gardeners](#) (University of Illinois)
- [Simple PFC Light Stand](#) (Kansas State University)

## Journal Articles (links)

- [Controlled comparisons between soil and hydroponic systems reveal increased water use efficiency and higher lycopene and  \$\beta\$ -carotene contents in hydroponically-grown tomatoes.](#) (Scientia Horticulturae)
- [Hydroponic production systems: Impact on nutritional status and bioactive compounds of fresh vegetables.](#) (book chapter)
- [The effect of using LED lighting in the growth of crops hydroponics](#) (International Journal of Smart Grid and Clean Energy)



Horticulture  
Program Focus Team

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