# Links to helpful Plant Nutrition sites & clips

### Bright Agrotech's Aquaponic Nutrient Management

https://www.youtube.com/playlist?list=PLAPahqrfGZZmLPh4vXzRDqWrXP7L9mnWT

### A helpful deficiencies ID clip by e-Gro

https://www.youtube.com/watch?v=Cq9tTqMxh2o

### Cornell University's Basic Concepts of Plant Nutrition

https://nrcca.cals.cornell.edu/soilFertilityCA/CA1/CA1\_print.html

## University of Idaho Extension

### "Nutrients Plants Require for Growth"

https://www.uidaho.edu/extension/publications

## Tools for Educators

### Methods for Conducting an Educational Needs Assessment BUL0870

https://drive.google.com/file/d/1qIuME64RqIT3eptJjaIfK22ZPujotlbX/view

### The Logic Model for Program Planning and Evaluation CIS1097

https://drive.google.com/file/d/1RxgpRtqPsBKlCJDlJZRXTuMUNwADGuPP/view

## Business and Economics

### Understanding Budgets and the Budgeting Process CIS0945

https://drive.google.com/file/d/1ckSNnpdX8fgAE4BpRBuW7Ruooi\_vYnll/view?usp=sharing

### What to Think About When Starting a Business BUL945

https://drive.google.com/file/d/10EAtchX4KzLifvV0BuKiiXDnMGWwThlz/view?usp=sharing

## Biology for Majors II from Lumen Learning

### Module 7: Plant Diversity

### Module 8: Plant Structure and Function

https://www.coursehero.com/study-guides/wmopen-biology2/?fbclid=IwAR363BVKroGqVt3ZQ9ifT2JKx7EyglYGXad3dQPvj5AehMouzYTQAybgkqo

### 33: Jumping the Chasm: Aquaponics as a Disruptive Technology and How It Can Change the World with Dr. George Brooks of Mesa Community College and NXT Horizon

https://www.visionaryaquaponics.com/33-jumping-the-chasm-aquaponics-as-a-disruptive-technology-and-how-it-can-change-the-world-with-dr-george-brooks-of-mesa-community-college-and-nxt-horizon/

### An Overview of Mineralization in an Aquaponic System

https://www.theaquaponicsource.com/an-overview-of-mineralization-in-an-aquaponic-system/

### ARIZONA HARVEST SCHEDULE

https://agriculture.az.gov/sites/default/files/Harvest%20Schedule%20-%20For%20Website-3.pdf

## FAO

### TRAINING CURRICULUM AND PRACTICAL MANUAL ON SUSTAINABLE AQUACULTURE

https://www.fao.org/3/cc0188en/cc0188en.pdf

### TAKE CARE OF YOUR CATCH - A guide to fish handling on board small boats

https://www.fao.org/3/cb8791en/cb8791en.pdf

### Small-scale aquaponic food production - Integrated fish and plant farming - AGS-166 textbook

http://www.infopesca.org/sites/default/files/complemento/paginabasica/1335/Small%20scale%20aquaponic%20food%20production%20FAO.pdf

### Aquaponics Food Production Systems

https://link.springer.com/book/10.1007/978-3-030-15943-6

### Biofiltration Biofiltration‐Nitrification Nitrification - Design Overview

https://cals.arizona.edu/azaqua/ista/ISTA7/RecircWorkshop/Workshop%20PP%20%20&%20Misc%20Papers%20Adobe%202006/7%20Biofiltration/Nitrification-Biofiltration/Biofiltration-Nitrification%20Design%20Overview.pdf

### How to Start a Biofilter

http://fisheries.tamu.edu/files/2013/09/SRAC-Publication-No.-4502-How-to-Start-a-Biofilter.pdf

### Planning Spreadsheet

https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.epa.gov%2Fsites%2Fdefault%2Ffiles%2F2016-09%2F2b\_aquaponics\_business\_plan\_worksheets\_excel\_081116.xlsx&wdOrigin=BROWSELINK

### Aquaponics Water Test Calculator

https://www.aquagardening.com.au/calculators/aquaponics-water-test-calculator/