Comparing regrowth, re-establishment & cuttings in static hydroponic watercress
Evaluated by Jari, Jensen and Steve- Non replicated work

February 13, 2014-March 5, 2014 (20 days)
Objective: To evaluate if re-establishment (installing new seedlings) and/or cuttings will out produce re-growth (cutting back initial growth) of watercress grown in static hydroponic systems. Dr. Kratky use to restart watercress plants with seedlings vs cuttings and avoided harvesting re-growth.

Regrowth (cut back)  Re-establishment with seedlings
Cuttings
NOTE: Cuttings seem to grow a bit faster than replanting with seedlings. Cuttings could be used but care should be placed in screening for phytoplasm build up, etc. Sprayed for caterpillar damage despite screen over the top.

**March 10, 2014 - March 31, 2014 (21 days)**

Objective: To redo trial #1. Evaluate if doing a moderate cut back vs a severe pruning of watercress would do just as well as re-starting with cuttings (cuttings out did seedlings in the first static trial).

Cuttings (no recharge of solution): 21 days

Estimated harvest 4/7/14 (~28 days)
Moderate cut back (21 days): Full grown
NOTE: No recharge: Loaded with aphids on tips, moderate caterpillar damage despite screen over it in second round. Seems like you can pull off 2 crops (using cuttings with a moderate cut back) with 1 4x8 solution tank. Three maybe pushing it.