Observations:

* Pink lights burned the plants cucumber plant which had a lot of yellowing and browning on It
* After march break there was an explosion of green mold on the rock wool and some of the clay pellets
* Hydroponic system without the pink lights have a higher survival rate of the initial plants
* A couple of the tomato, cucumber, basil plants are thriving
* A lot of the original plants died off, but they were replaced by other plants
* Some of the replacement plants had a tough transition from dirt to clay pellets and died off

Analysis:

Possible problems

* The pink lights had more hours of light than the other plants
* Plants under the pink lights had natural sunlight and the pink lights
* Replanted the seedlings too early into the hydroponic system
* Water shouldn’t have been directly on the rock wool – causes mold
* Lack of air circulation causes mold
* The rock wool shouldn’t be exposed to the light

Conclusion: