



Repeating Crumley 4: The Setup

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I'm going to keep this post short and sweet since the setup is nearly identical to the setup for RC3. [That can be found here](#) (nice and big link for visibility). Here are the big changes to the setup:

- I used Virginia Gold #1 tobacco seeds because I forgot I used the totally awesome Cuban cigar seeds in the last batch. Bad Anthony...
- I also used Columbia arabidopsis seeds.
- I did not count 30 seeds per sample. This time I poured seeds and counted until the number of seeds per sample was over 30. This way I can try and enhance the number of seeds in the middle of the sample. This was very helpful with the arabidopsis setup, because the seeds are **much smaller** than the tobacco seeds and have more attraction/repulsion from the analyslide and weigh paper. As I found out the hard way, something like 60% of the seeds would end up in the sample container and the rest would disappear into oblivion.
- I omitted the DDW samples and will not take any pictures of the control, but will note if anything extraordinary happens in this sample. I figure it is really boring to see pictures of water everyday. I omitted the DDW samples so I can make room for the arabidopsis samples (because I can only fit 8 samples right now).
- There are 4 samples per organism. DI, 33% D2O, 66% D2O, and 99.9% D2O, just as Crumley intended.

Originally, I had Alex (this person again? Who is he/she?) help me with the seed counting on Monday. I realized that I was out of D2O and ordered some. I didn't get the D2O until yesterday and the presorted seeds had been left out over 24 hours. Since seeds may start sprouting or doing things in light and air, I trashed those seeds and started anew.

I assure you that I used D2O this time. Let's repeat Crumley! (Day 1 pics to come later today.)