Broccoli Seed Experiment 3 jmer
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Kayna posted 2 experiments using the Bengston Method of Energy Healing® to influence the growth of results.
In this 3rd round there will be 4 broccoli seed experiments running at the same time, 2 with remote influencers, 2 local experiments; one where I will treat one dish with treated cotton, one with a commercially available homeopathic solution and the 3rd as an untreated control, the other with 2 magnets of various strength and an untreated control.
**See Discussion at end of report for results.**

Setup There will be 2 dishes with 50 seeds each marked L and R for left and right, both will be watered from the same source. The remote influencer, jmerdsoy, will get pictures of the 2 dishes and treat 1 entire dish rather than just the water. As the experimenter i will be blinded as to the choice. My only intention will be that the experiment is a success, showing a statistically significant difference.
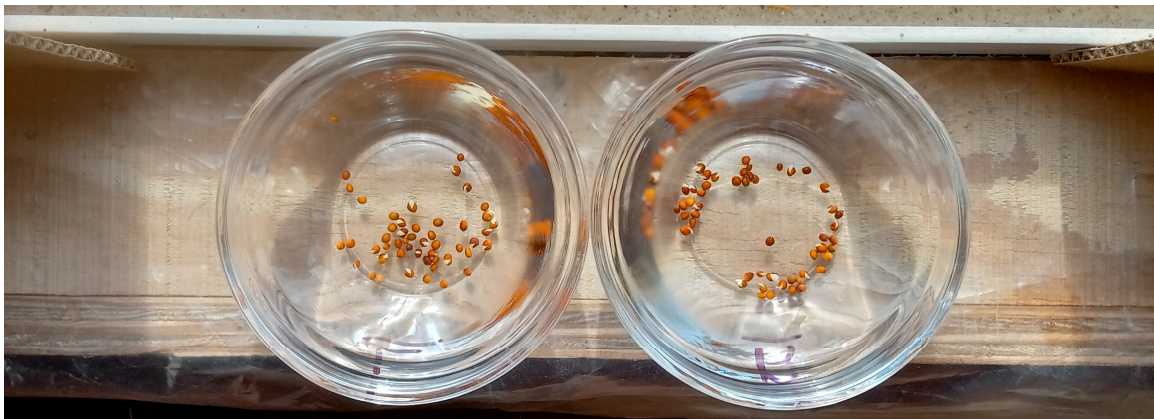jmerdsoy may treat the water with any modality of choice, any intention of choice, any frequency of choice.
jmerdsoy may start treating the dish the seeds a week prior to Tuesday, Feb 20th, 12pm Chicago Time, at which time he will get picture of the 2 dishes with the water in it.
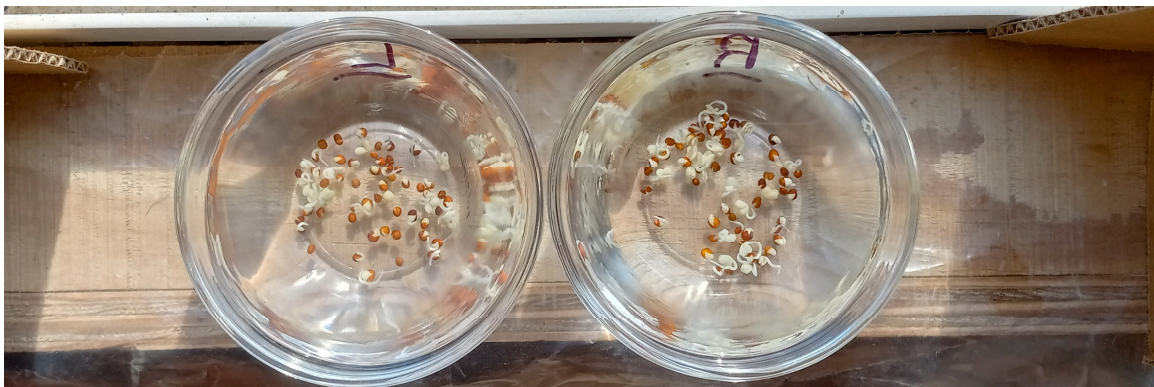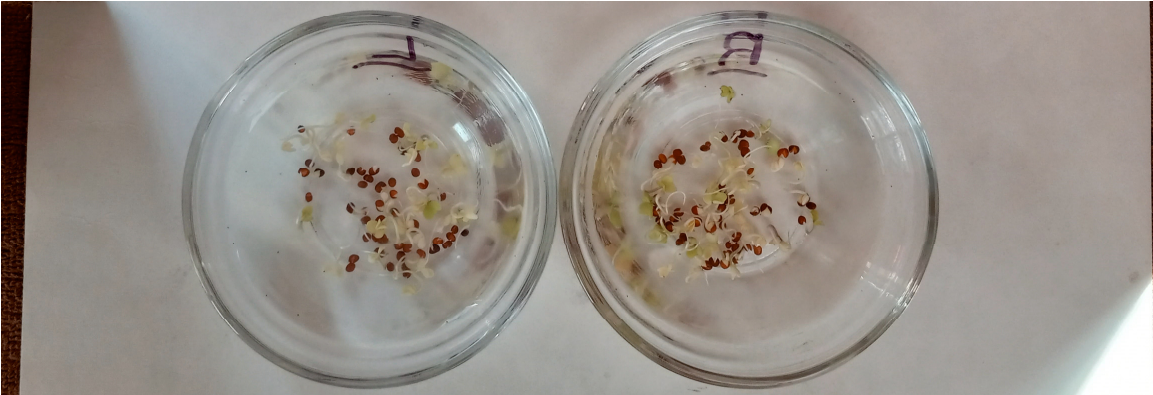

Day 1:
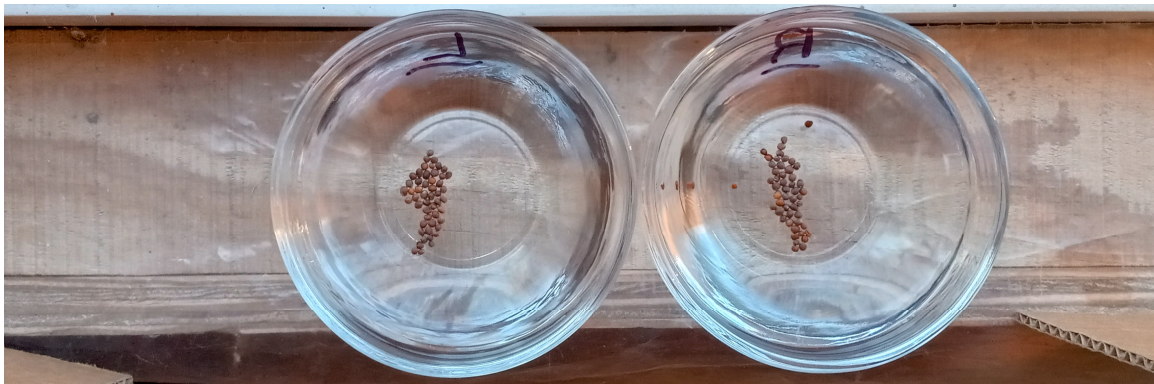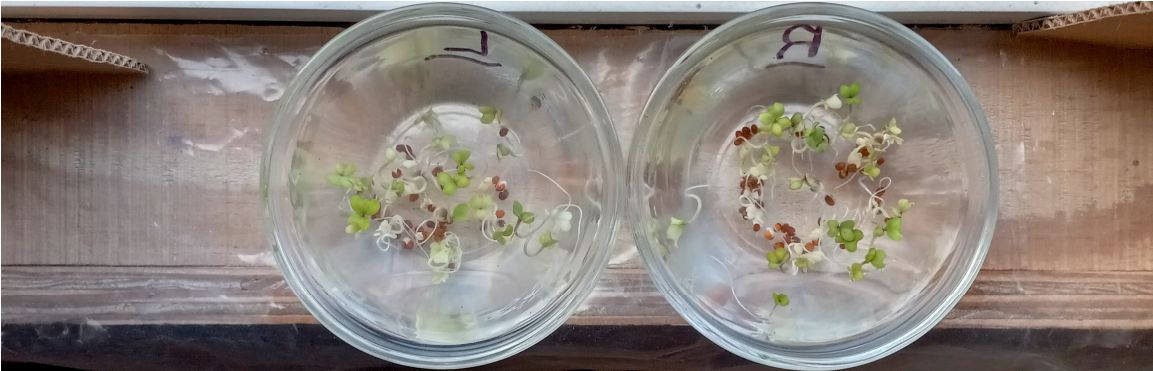

Day 2:

Day 4:

Day 6:

Day 8:

Day 10:

Day 13:

Day 17:

jmer <u>L</u>:

35 full 2 baby

jmer <u>R</u>:

40 full 2 baby

Discussion and statistics (on next page):

The original theory was that the treated dish would be different from the untreated dish, so if one of the dishes was similar to the known controls, we could deduce that the other dish was the treated one. However, looking at the first data set where we "Compare jmer to each other", we see that there is a difference, but not a statistically significant difference between L_ and R_. At first glance, it looked like jmer was a dud. But further number crunching (below) surprised us.

Comparing jmer to each other

	Total Sprouts	Unsprouted	Total		Full Sprouts	Other	Total	
jmer L_	37	13	50	jmer L_	35	15	50	
jmer R_	42	8	50	jmer R_	40	10	50	
Total	79	21	100	Total	75	25	100	
	expected				expected			
	39.50	10.50			37.50	12.50		
	(O-E)^2/E				(O-E)^2/E			
	0.16	0.60	X^2 =	1.51	0.17	0.50	X^2 =	1.33
	0.16	0.60	p value =	0.220	0.17	0.50	p value =	0.248

When we compared jmer to the 2 known controls in the other experiments, we showed that L_ showed enhanced growth that was not statistically significant, but leaning in the right direction.

Comparing jmer to 2 known controls

	Total Sprouts	Unsprouted	Total		Full Sprouts	Other	Total	
vic X + mags X	65	35	100	X + X	59	41	100	
jmer L_	37	13	50	jmer L_	35	15	50	
Total	102	48	150	Total	94	56	150	
	expected				expected			
	68.00	32.00			62.67	37.33		
	34.00	16.00			31.33	18.67		
	(O-E)^2/E				(O-E)^2/E			
	0.13	0.28	X^2 =	1.24	0.21	0.36	X^2 =	1.72
	0.26	0.56	p value =	0.265	0.43	0.72	p value =	0.189

But when we compared jmer R_ to the 2 known controls in the other experiments, we showed that R_ showed enhanced growth (the most of all of the 10 dishes) that was very statistically significant, P < 0.02 ! From this we deduced that R_ was the treated dish. However, we were wrong! So what happened? Did LCS L, the treated dish, also "infect" jmer R_ which was right next to it? Further experimentation is needed!

	Total Sprouts	Unsprouted	Total		Full Sprouts	Other	Total	
vic X + mags X	65	35	100	X + X	59	41	100	
jmer R_	42	8	50	jmer R_	40	10	50	
Total	107	43	150	Total	99	51	150	
	expected				expected			
	71.33	28.67			66.00	34.00		
	35.67	14.33			33.00	17.00		
	(O-E)^2/E				(O-E)^2/E			
	0.56	1.40	X^2 =	5.88	0.74	1.44	X^2 =	6.55
	1.12	2.80	p value =	0.015	1.48	2.88	p value =	0.010

Combining both dishes of jmer to both dishes of known controls is also very significant statistically, p < 0.03 Something is happening that justifies further experimentation!

Comparing combined jmer to 2 known controls

	Total Sprouts	Unsprouted	Total		Full Sprouts	Other	Total	
vic X + mags X	65	35	100	X + X	59	41	100	
jmer L_ + R_	79	21	100	L_ + R_	75	25	100	
Total	144	56	200	Total	134	66	200	
	expected				expected			
	72.00	28.00			67.00	33.00		
	(O-E)^2/E				(O-E)^2/E			
	0.68	1.75	X^2 =	4.86	0.96	1.94	X^2 =	5.79
	0.68	1.75	p value =	0.027	0.96	1.94	p value =	0.016