

Replication of Kayna's Broccoli Seed Experiment from BengstonResearch.com

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Kayna posted her experiment of using the Bengston Method of Energy Healing® to influence the growth of broccoli seeds on BengstonResearch.com. She asked for someone to replicate her results. After contacting her to get more information, I decided to give it a try. Previous to this I had tried a similar experiment with pinto beans with surprising results. The results from this broccoli seed experiment were similarly surprising!

Day 1 I took two dishes and painstakingly counted out 50 broccoli seeds each* and put them in separate dishes, treated (T) and untreated (X). I filled a plastic bottle with water from my kitchen tap. Then I took water from the plastic bottle and filled a mason jar, treating that mason jar of water with a 'healing treatment' stating an intention to energize the water. I carefully filled each dish with water, treated dish (on right marked with 'T') with treated water, untreated with untreated water. Any seeds that were floating on top I gently pushed to the bottom. (Figs 1-3)

* As I measured later when I enlarged the photos, the treated had 52 seeds, the untreated had 50 seeds.



Fig 1



Fig 2



Fig 3

Day 2 Treated has the first sign of a sprout (Fig 5). No change in untreated (Fig 4). T has 1 floating seed, X has 3 floating seeds. (Not sure whether that has any relevance, whether a floating seed could be a dud, which I found out later turns out to be the case.)



Fig 4



Fig 5

Day 3 Already in just the third day X on the left has a slight edge over T.



Fig 6



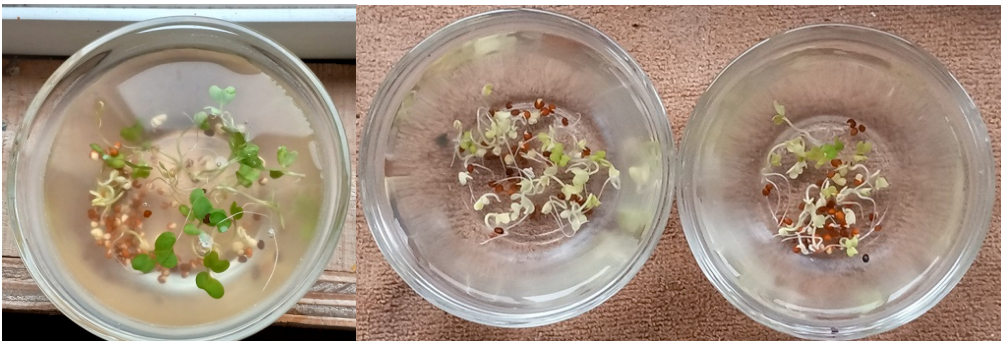
Fig 7

Day 5 Continued to top off T with treated water, X with untreated. Stirred dish gently after topping to distribute seeds evenly. X, on left, shows more seeds sprouting:



Day 9 Both dishes flowered at the same time. T has 1 seed floating on top that turned out to be a dud. In addition, it was suggested to me that I try to take a dish of untreated broccoli seeds (SD) and start adding treated water to it. SD was started 14 days earlier just to see if the broccoli seeds would grow in a small dish. The theory was that adding treated water to SD would inhibit or stall its growth. I did not count out 50 seeds, adding about ¼ teaspoon instead.

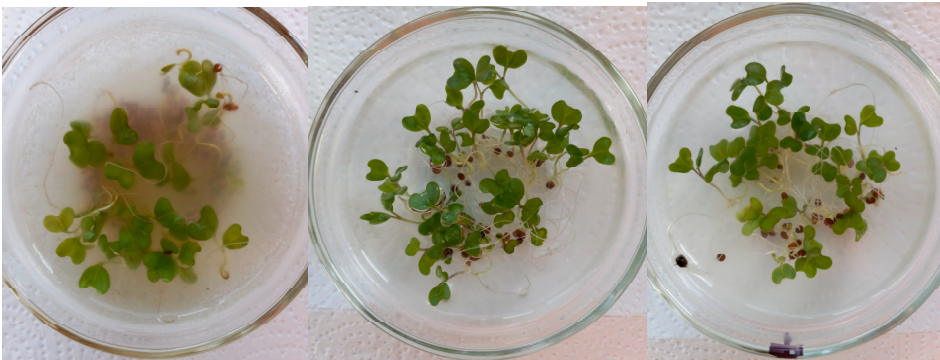
Figures from left to right below, SD, X, T:



Day 15 53° during the cold snap did not seem to have any adverse effect, though water in all 3 are getting cloudier. X outgrowing T, and catching up to SD.



Day 19 X still seems to be having an edge. T has one seed floating on top throughout the experiment that has started to get mold. Also, throughout this experiment it seems like the water in T evaporates more. Possibly SD also evaporates more. But I cannot say for sure and not sure how I could measure this unless I weighed them. But there could be other confounding variables with the weight. So I would have to say that my hunch about water evaporating in T and SD more than in X remains inconclusive. SD has clearer water than it did on Day 15, as do T and X, probably due to the background against which the pictures were taken. According to my notes I only added water, never changed the water. Seems like X (middle) has an edge over SD (left) and a bit of an edge over T (right):



Day 22 SD final as I harvested the seeds. Count: 21 full sprouts, 6 baby sprouts, 0 mildewed seeds. I counted close 110 seeds in the clump at the right, compared to 50-52 seeds for X and T. But I cannot claim that my theory about adding treated water to SD would inhibit it's growth is true.



Day 25 Final day of experiment as T and X have been harvested:



Final Tally:

X: 50 seeds to start, 33 full sprouts (66%), 7 baby sprouts, 40 (80%) total.

T: 52 seeds to start, 20 full sprouts (38%), 10 baby sprouts, 30 (57%) total.

Using a chi-squared statistical analysis, these are significant results ($p < 0.02$):

	Sprouted	Baby Sprouts	Unsprouted	Total	
Untreated (X)	33	7	10	50	
Treated (T)	20	10	22	52	
Total	53	17	32	102	
expected					
25.98	8.33	15.69			
27.02	8.67	16.31			
(O-E) ² /E					
1.90	0.21	2.06	$\chi^2 =$	8.18	
1.82	0.21	1.98	p value =	0.0167	